

Chancellor's Docket No. 63  
THE UNIVERSITY OF TEXAS SYSTEM  
Office of the Chancellor

April 4, 1973

TO THE HONORABLE BOARD OF REGENTS  
OF THE UNIVERSITY OF TEXAS SYSTEM

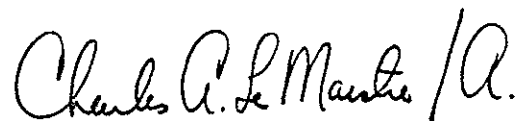
Mrs. Johnson and Gentlemen:

The dockets prepared by the component institutions listed below are herewith submitted with my recommendation for ratification or approval, as appropriate, at the meeting of the Board of Regents on April 24, 1973. The budget changes included in these dockets have been approved by me and are herewith submitted as a report to the Board of Regents.

The University of Texas at Arlington (Page Code AR)  
The University of Texas at Austin (Page Code A)  
The University of Texas at Dallas (Page Code D)  
The University of Texas at El Paso (Page Code EP)  
The University of Texas of the Permian Basin (Page Code PB)  
The University of Texas at San Antonio (Page Code SA)  
The University of Texas Health Science Center at Dallas (Page Code HD)  
The University of Texas Medical Branch at Galveston (Page Code G)  
The University of Texas Health Science Center at Houston (Page Code HH)  
The University of Texas Health Science Center at San Antonio (Page Code HS)  
The University of Texas System Cancer Center (Page Code CC)  
The University of Texas System School of Nursing (Page Code N)

On the following pages, C-2 through C-5, are U. T. System and Institutional items which I also recommend for the Board's ratification or approval, as appropriate including my report of budget changes.

Sincerely,



Charles A. LeMaistre, M. D.  
Chancellor

CAL:rt

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THE UNIVERSITY OF TEXAS SYSTEM  
Office of the Chancellor

April 4, 1973

TO THE HONORABLE BOARD OF REGENTS  
OF THE UNIVERSITY OF TEXAS SYSTEM

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*Charles A. LeMaistre /a.*

Charles A. LeMaistre, M. D.  
Chancellor

CAL:rt

CHANGE IN UNEMPLOYMENT COMPENSATION FUND RATE

F

1. The balance in our Unemployment Compensation Insurance Fund is approaching the \$1,755,000 "maximum" stipulated in the Regents' Rules. System Administration recommends a reduction in the assessment rate from 2.7% to 1% effective April 1, 1973. The 1% rate should remain in effect for the next fiscal year.

GRANTS, CONTRACTS AND AGREEMENTS (STATE)

D + F

1. Interagency Cooperation Contract No. IAC(72-73)-1124 between the State Board of Control and The University of Texas System for GSA/State Shared TELPAK. This contract replaces, effective March 1, 1973 through August 31, 1973, the previous IAC(72-73)-572 which was reported in the September 11, 1972, docket, page C-2. The responsibility for this service has been transferred from the Department of Public Safety to the State Board of Control. The terms of the contract are unchanged.

THE UNIVERSITY OF TEXAS SYSTEM ADMINISTRATION  
REPORT OF AMENDMENTS TO THE 1972-73 OPERATING BUDGET  
BOARD OF REGENTS MEETING - APRIL 24, 1973

Source of Funds - Departmental Appropriations  
(Unless Otherwise Specified)

Office of the Chancellor - Bauer House

1. Change the status effective February 1, 1973, of Carl E. Cice from Grounds Maintenance Foreman to Administrative Assistant and increase his annual salary rate from \$7,236 to \$9,480. (RBC# D-103)

Office of the Comptroller

2. Increase the annual salary rate effective March 1, 1973, of Frankie L. Jennings, System Auditor, from \$16,200 to \$17,000. (RBC# D-109)
3. Transfer \$2,200 from the Classified Salaries account to the Administrative Salaries account (\$800) and to the Clerical Assistants account (\$1,400) to provide the additional funds needed in the latter two accounts. (RBC# D-108)

Investments, Trusts, and Lands

4. Appoint Ben F. Looney as Mortgage and Real Estate Officer effective March 16, 1973, at an annual salary rate of \$23,000. (RBC# D-110)
5. Resign Steve M. Bynum, Investment Officer at an annual salary rate of \$26,700, effective March 16, 1973. (RBC# D-104)

Auditing Oil and Gas Production

6. Transfer \$500 from the Travel account to the Maintenance, Operation, and Equipment account to provide funds for the purchase of calculators needed to replace worn out machines now in use. (RBC# D-112)

University Lands - Surface Leasing

7. Transfer \$3,412.90 from the Available Fund Unallocated Operating Account to University Lands - Surface Leasing Maintenance, Operation, and Equipment account to provide funds for the purchase of two motor vehicles. (RBC# D-102)

Office of Facilities Planning and Construction

8. Appoint Lane A. Bickham as Construction Inspector at an annual salary rate of \$12,500 effective March 1, 1973. (RBC# D-101)
9. Appoint Aubrey D. Douglas as Construction Inspector at an annual salary rate of \$12,000 effective March 12, 1973. (RBC# D-107)
10. Resign Kenneth C. Fink, Engineer at an annual salary rate of \$17,900, effective February 19, 1973. (RBC# D-100)
11. Resign Roy A. Bechtol, Landscape Architect at an annual salary rate of \$15,000, effective March 12, 1973. (RBC# D-105)
12. Resign Gordon L. Trainer, Construction Inspector at an annual salary rate of \$12,300, effective March 31, 1973. (RBC# D-106)

OTHER FISCAL ITEMSAppropriation of Title I Federal Grants for Various Construction Projects

1. Partial Share Title I Federal Grants have previously been accepted for various building projects at Regents' meetings as listed below. This action is to appropriate these grants to the projects in lieu of the source of funds originally appropriated, as indicated:

U. T. Austin

RM 697, \$ 50,000 - Engineering Teaching Center #1 (Project 102-120). Original Source: PUF Bond Proceeds. 200

RM 697, \$ 50,000 - Texas Student Publications and School of Communication Building (Project 102-27). Original Source: U. T. Austin Combined Fee Revenue Bonds, Series 1970. 200

U. T. El Paso

RM 697, \$100,000 - Fine Arts Complex (Project 201-126). Original Source: PUF Bond Proceeds. 200

U. T. Dallas

RM 699, \$ 50,000 - New Building, Utility Distribution and Site Development (Project 302-151). Original Source: Tuition Revenue Bond Proceeds. 200

RM 700, \$ 50,000 - New Building, Utility Distribution and Site Development (Project 302-151). Original Source: Tuition Revenue Bond Proceeds. 200

U. T. San Antonio

RM 700, \$ 50,000 - New Building, Utility Distribution and Site Development (Project 401-153). Original Source: Tuition Revenue Bond Proceeds. 200

RM 701, \$151,303 - New Building, Utility Distribution and Site Development (Project 401-153). Original Source: Tuition Revenue Bond Proceeds.

U. T. Permian Basin

RM 697, \$100,000 - Building Program, Phase I, (Project 501-154). Original Source: Tuition Revenue Bond Proceeds. 200

Total \$601,303

The University of Texas Health Science Center at Dallas (Dallas Medical School) -  
Transfer of Appropriated Funds (Electrical Distribution Project) 200

2. In the concurrent undertaking of both minor repairs and renovations of facilities by the institution and the project for electrical distribution to the new buildings under construction, certain electrical work must be accomplished in the basement of the Hoblitzelle Building at The University of Texas Health Science Center at Dallas for the Dallas Medical School. The recognized interference of electrical switchgear to be installed and existing steam valve and piping relocation can best be eliminated by change order to the electrical distribution contract to expedite the work, to remove the interface between contractors and to place the work under performance bond. The total cost for this work is estimated to be \$12,500 including fees and miscellaneous expenses.

The Vice-President for Business Affairs, Dallas Health Science Center, has requested and concurs in this action. Although he has requested that funds for this change order be Permanent University Fund Bond proceeds, he has indicated that \$12,500 may be transferred from Dallas Medical School Account No. 957905, Minor Repairs and Renovations of Facilities.

The University of Texas Health Science Center at Dallas (Dallas Medical School)  
Transfer of Appropriated Funds (Electrical Distribution Project) (Continued)

206

2. It is recommended that a transfer of funds be made as follows:

From: Account #957905 - Dallas Medical School - Minor Repairs and  
Renovations of Facilities

To: Project No. 303-115 Electrical Distribution System, Dallas  
Medical School, Allotment Account

## THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

March 23, 1973

Dr. Charles A. LeMaistre, Chancellor  
The University of Texas System  
Austin, Texas

Dear Dr. LeMaistre:

The attached docket is submitted for your approval and presentation to the Board of Regents at the meeting on April 24, 1973. The University of Texas at Arlington docket is 49 pages in length.

Sincerely yours,



W. H. Nedderman  
Acting President

WHN:md  
Attach.

## THE UNIVERSITY OF TEXAS AT ARLINGTON

BOARD MEETING ON APRIL 24, 1973

GIFTS

The following gift has been received by The University of Texas at Arlington. I recommend acceptance and that the thanks and appreciation of the Board be sent the donor by the Secretary.

<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
1. Amon Carter Foundation 400 West Seventh Street Fort Worth, Texas 76101 Mr. Jim Gambrell, Educational Services Director	Living Textbook Conference	\$6,500.00

MEMBERSHIP ON THE GRADUATE FACULTY

I recommend the following faculty members for full membership on the graduate faculty:

Dr. Robert P. Miller, Foreign Languages & Linguistics  
Dr. Fred R. Payne, Aerospace Engineering

RESEARCH AND OTHER ACADEMIC CONTRACTS

The following contracts, grants, and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors and fiscal officers.

Expenditures from these contracts and grants will be made in accordance with regular University operating procedures and contractual limitations. I recommend your approval and ratification of signatures.

NON-FEDERAL PROJECTS

1. New Grant No. Y-530 by The Robert A. Welch Foundation in the amount of \$24,000, to be paid at the rate of \$12,000 per year during the period May 1, 1973 through April 30, 1975. This grant will be under the direction of Dr. Daniel M. Blake and is for a project entitled "Organo-transition Metal Chemistry of Sulfinyl Chlorides, Sulfinic Acids, and Related Sulfur Compounds."
2. Renewal Grant No. Y-372 by The Robert A. Welch Foundation in the amount of \$12,000 for the period May 1, 1973 through April 30, 1974. This grant will be under the direction of Dr. Andrew T. Armstrong and is for a project entitled "Molecular Spectroscopy Studies of Oxyanion Salts."
3. Renewal Grant No. Y-307 by The Robert A. Welch Foundation in the amount of \$12,000 for the period May 1, 1973 through April 30, 1974. This grant will be under the direction of Dr. Robert F. Francis and is for a project entitled "Reaction Intermediates in the Alkylation of Pyridine with Alkylolithium Compounds."



4. Renewal Grant No. Y-400 by The Robert A. Welch Foundation in the amount of \$30,000, to be paid at the rate of \$10,000 per year during the period May 1, 1973 through April 30, 1976. This grant will be under the direction of Dr. John D. McNutt and is for a project entitled "Studies of the Formation, Structure, and Reactions of Positronium Compounds in Gases."
5. Interagency Cooperation Contract IAC(72-73)-1102 between The University of Texas at Dallas and The University of Texas at Arlington, whereby U. T. Arlington will furnish to U. T. Dallas such reproduction and assembly services as necessary in the development and construction of physical facilities at U. T. Dallas.

## THE UNIVERSITY OF TEXAS AT ARLINGTON

## FEDERAL CONTRACTS AND GRANTS

BOARD MEETING ON APRIL 24, 1973

1. Cooperative Agreement between The University of Texas at Arlington and the Soil Conservation Service, United States Department of Agriculture, dated February 1, 1973, whereby the University and the Service agree to cooperate and share in the cost of development of hydraulic model studies for the Nichols Creek Channel Improvement, Escondido Creek Watershed, at an estimated cost of \$47,575.00. It is expected that all work will be completed on or about January 15, 1974. This is a new program of aid. The full amount of this award will be expended in Tarrant County, Texas.
2. Grant Number G-0426 by the United States Atomic Energy Commission accepted on February 7, 1973, under the Used Nuclear Equipment Grant Program. This grant covers a 2 MEV Van de Graaff Positive Ion Accelerator to be used by the Physics Department of The University of Texas at Arlington. This is a new program of aid.
3. Grant Number MG-171-73 by the United States Atomic Energy Commission accepted on February 19, 1973, covering approximately 80 grams of plutonium in Source No. MRPUBE29 with a value of approximately \$3,367. This Materials Grant Agreement replaces Loan Agreement 68-31.

## THE UNIVERSITY OF TEXAS AT ARLINGTON

## RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET

Board Meeting on April 24, 1973

GENERAL INSTITUTIONAL EXPENSENews and Information Service

## 1. Transfer of Funds:

From:	Maintenance and Operation	\$250.
To:	Travel	\$250.

For: To provide additional funds for travel in order for the Director and Associate Director to attend the annual meeting of the American College Public Relations Association, plus additional local travel required by the personnel in this department.

(RBC #377)

Teaching Effectiveness Program

## 2. Transfer of Funds:

From:	Maintenance and Operation	\$1200.
To:	Wages	\$1200.

For: The need for hourly assistance has far exceeded expectations, therefore additional funds are needed in this category.

(RBC #360)

LIBERAL ARTSDepartment of Architecture

3. Appoint Robert S. Mabry (non-tenure) as Adjunct Assistant Professor at 20% with stipend of \$1,000, 4 1/2 months, with academic rate of \$10,000 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #320)

4. Appoint Judy A. Collom as Clerk Typist with annual rate of \$4488 effective March 1, 1973. Funds are available from Unallocated Departmental Operating Expenses - Unallocated Salaries. (RBC #380)

Department of Art

## 5. Transfer of Funds:

From:	Maintenance and Operation	\$350.
To:	Travel	\$350.

For: Additional travel funds needed in connection with the recruiting of Carter Art Historian for the Department of Art.

(RBC #364)

## 6. Transfer of Funds:

From:	12-898 Unallocated Departmental Operating Expenses	
	Unallocated Salaries	\$500.
	Travel	\$250.
To:	Capital Outlay	\$500.
	Travel	\$250.

For: Additional trips not anticipated and the need for more capital outlay items requires funds not originally budgeted.

(RBC #370)

## THE UNIVERSITY OF TEXAS AT ARLINGTON

## RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET

Board Meeting on April 24, 1973

Department of Music

7. Change the status of Michael C. Scheuermann (non-tenure), Lecturer, from 50% with stipend of \$1320, 4 1/2 months, to 100% with stipend of \$2640, 4 1/2 months with academic rate of \$5280 effective January 16, 1973. Additional funds are available from Unallocated Faculty Salaries. (RBC #321)

Department of Foreign Languages and Linguistics

8. Appoint Patricia L. Rawlins (non-tenure) as Lecturer at 25% with stipend of \$660, 4 1/2 months, with academic rate of \$5280 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #348)

## 9. Transfer of Funds:

From:	12-898 Unallocated Departmental Operating Expenses	
	Unallocated Salaries	\$1500.
To:	Maintenance and Operation	\$1500.
For:	Additional funds required in Maintenance and Operation due to unanticipated expenses during the fiscal year.	

(RBC #368)

10. Increase the per cent of time of Patricia L. Rawlins (non-tenure), Lecturer with academic rate of \$5280 from 25% to 50% with stipend of \$880 effective March 1, 1973. Additional teaching duties assumed as of March 1, 1973. Additional funds are available from Unallocated Faculty Salaries. (RBC #378)

Department of Government

## 11. Transfer of Funds:

From:	12-898 Unallocated Departmental Operating Expenses	
	Travel	\$225.
To:	Travel	\$225.
For:	Unexpected travel expenses has brought about the need for additional travel funds.	

(RBC #371)

Department of History and Philosophy

12. Change the status of Sandra L. Myres (Tenure), Associate Professor with academic rate of \$12,400 from 100% to 50% with stipend of \$3100 effective January 16, 1973. Granted half-time leave of absence for the period January 16 through May 31, 1973. (RBC #319)

13. Promote Richard G. Miller (initial request for tenure award) from Assistant Professor and Acting Chairman with academic rate of \$12,200 to Associate Professor and Chairman with academic rate of \$16,000 effective March 1, 1973. Additional funds are available from Unallocated Faculty Salaries. (RBC #367)

## 14. Transfer of Funds:

From:	12-898 Unalloc Departmental Operating Expenses	
	Travel	\$500.
To:	Travel	\$500.
For:	Trips not anticipated at time of budget preparation requires additional travel funds for the remainder of the fiscal year.	

(RBC #369)

## THE UNIVERSITY OF TEXAS AT ARLINGTON

## RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET

Board Meeting on April 24, 1973

15. Terminate Dorothy D. Summers (non-tenure), Instructor with academic rate of \$7800 effective May 31, 1973. (RBC #383)

16. Terminate Edward J. Spanski, Jr., (non-tenure), Instructor with academic rate of \$8800 effective May 31, 1973. (RBC #382)

17. George Ashford (non-tenure), Assistant Professor with academic rate of \$9,000 retire effective May 31, 1973. (RBC #379)

Department of Physical Education - Men

18. Appoint Judy Hulsey (non-tenure) as Lecturer at 25% with stipend of \$660, 4 1/2 months, with academic rate of \$5280 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #350)

Department of Education

19. Appoint Kathryn P. Green (non-tenure) as Lecturer at 50% with stipend of \$1800, 4 1/2 months, with academic rate of \$7200 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #349)

## 20. Transfer of Funds:

From:	12-898 Unallocated Departmental Operating Expense	
	Unallocated Salaries	\$600.
To:	Maintenance and Operation	\$500.
	Wages	\$100.
For:	Additional funds allocated to the department for additional supplies and materials, and additional help due to increased enrollment.	

(RBC #372)

Department of Sociology

21. Accept the resignation of Diana Nelson (non-tenure), Instructor with academic rate of \$8500 effective January 15, 1973. (RBC #365)

22. Appoint Elizabeth L. Zahn as Clerk Typist with annual rate of \$4488 effective March 8, 1973. Funds available from Unallocated Departmental Operating Expenses - Unallocated Salaries. (RBC #381)

Department of Communications

23. Re-appoint Myra S. Livingston (non-tenure) as Lecturer at 50% with stipend of \$1500, 4 1/2 months, with academic rate of \$6000 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #322)

24. Re-appoint Suzanne Barton (non-tenure) as Lecturer at 75% with stipend of \$2250, 4 1/2 months, with academic rate of \$6000 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #323)

25. Appoint Raymond B. Holbrook (non-tenure) as Adjunct Professor at 25% with stipend of \$1000, 4 1/2 months, with academic rate of \$8000 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #324)

## RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET

Board Meeting on April 24, 1973

## 26. Transfer of Funds:

From:	12-898 Unallocated Departmental Operating Expenses	
	Unallocated Salaries	\$5160.
To:	Capital Outlay	\$5160.
For:	Additional funds needed in the department as Capital Outlay funds for matching funds under grant.	

(RBC #373)

SCIENCEDepartment of Chemistry

27. Increase the academic rate of John T. Murchison (Tenure), Professor, from \$15,900 to \$16,400 effective February 1, 1973. Additional funds are available from Unallocated Faculty Salaries. (RBC #351)

28. Increase the academic rate of Grover L. Johnson (Tenure), Assistant Professor, from \$11,800 to \$12,000 effective February 1, 1973. Additional funds are available from Unallocated Faculty Salaries. (RBC #352)

Department of Physics

29. Re-appoint Herman C. Custard (non-tenure) as Lecturer at 30% with stipend of \$820, 4 1/2 months, with academic rate of \$5466 effective January 16, 1973. Funds are available from Lecturers Institutional - Unallocated. (RBC #325)

30. Re-appoint John R. Trimmier (non-tenure) as Lecturer at 30% with stipend of \$790, 4 1/2 months, with academic rate of \$5266 effective January 16, 1973. Funds are available from Lecturers Institutional-Unallocated. (RBC #326)

BUSINESS ADMINISTRATIONDepartment of Business Administration

31. Appoint Al J. Mayer (non-tenure) as Graduate Teaching Associate at 50% with stipend of \$1500, 4 1/2 months, with academic rate of \$6000 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #353)

ENGINEERINGDepartment of Civil Engineering

32. Re-appoint Israel W. Santry, Jr., (non-tenure) as Adjunct Professor at 33% with stipend of \$1500, 4 1/2 months, with academic rate of \$9,000 effective January 16, 1973. Funds available from Unallocated Faculty Salaries. (RBC #385)

Department of Mechanical Engineering

33. Appoint Harry I. McHenry (non-tenure) as Lecturer at 25% with stipend of \$800, 4 1/2 months, with academic rate of \$6400 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #329)

## THE UNIVERSITY OF TEXAS AT ARLINGTON

## RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET

Board Meeting on April 24, 1973

34. Appoint Hugh F. Hefley (non-tenure) as Lecturer at 25% with stipend of \$900, 4 1/2 months, with academic rate of \$7200 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #330)

35. Appoint Roger D. Goolsby (non-tenure) as Lecturer at 25% with stipend of \$700 4 1/2 months, with academic rate of \$5600 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #354)

Department of Electrical Engineering

36. Appoint John E. Fagan (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months, with academic rate of \$5400 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #331)

37. Appoint Mandayam A. Narasimhan (non-tenure) as Graduate Teaching Associate at 50% with stipend of \$1800, 4 1/2 months, with academic rate of \$7200 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #332)

38. Appoint Michael Juricek (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months, with academic rate of \$5400 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #333)

39. Appoint Hyun W. Han (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months, with academic rate of \$5400 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #334)

40. Re-appoint John T. Hoskins (non-tenure) as Graduate Teaching Associate at 50% with stipend of \$1800, 4 1/2 months, with academic rate of \$7200 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #335)

41. Appoint Gary P. Garrett (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months, with academic rate of \$5400 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #336)

42. Appoint Madan R. Khatri (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months, with academic rate of \$5400 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #337)

43. Re-appoint Paul R. Blasche (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months, with academic rate of \$5400 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #338)

44. Appoint John A. Doerr (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months, with academic rate of \$5400 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #339)

45. Appoint Laurence T. Hamrick (non-tenure) as Lecturer at 25% with stipend of \$700, 4 1/2 months, with academic rate of \$5600 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #340)

## THE UNIVERSITY OF TEXAS AT ARLINGTON

## RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET

Board Meeting on April 24, 1973

Department of Industrial Engineering

46. Appoint Jasvantrai C. Shaw (non-tenure) as Lecturer at 25% with stipend of \$950, 4 1/2 months, with academic rate of \$7600 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #328)
47. Appoint Joe W. McDaniel (non-tenure) as Assistant Professor with academic rate of \$13,000 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #341)
48. Appoint Gary S. Capshaw (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months, with academic rate of \$5400 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #342)

Engineering Special Operations

49. Appoint Krishnaiah Revuluri as Graduate Research Associate at 25% with stipend of \$675, 4 1/2 months, with full-time nine months rate of \$5400 effective January 16, 1973. Funds are available from Capital Outlay within the departmental account. (RBC #343)
50. Appoint Janice M. Hightower as Graduate Research Assistant at 33% with stipend of \$900, 4 1/2 months, with full-time nine months rate of \$5400 effective January 16, 1973. Funds are available from Capital Outlay funds within the departmental account. (RBC #344)
51. Appoint Kothandaraman S. Ravindhran as Graduate Research Associate at 50% with stipend of \$1800, 4 1/2 months, with full-time nine months rate of \$7200 effective January 16, 1973. Funds are available from Capital Outlay within the departmental account. (RBC #345)
52. Appoint Kenneth R. Thompson as Graduate Research Associate at 50% with stipend of \$1350, 4 1/2 months, with 9 months full-time rate of \$5400 effective January 16, 1973. Funds are available from Capital Outlay funds within the departmental account. (RBC #346)
53. Appoint Satish K. Dingle as Graduate Research Assistant at 50% with stipend of \$1013, 4 1/2 months, with full-time nine months rate of \$4052 effective January 16, 1973. Funds are available from Capital Outlay funds within the departmental account. (RBC #347)
54. Appoint Funyen Chen as Graduate Research Assistant at 50% with stipend of \$1012, 4 1/2 months, with full-time nine months rate of \$4048 effective January 16, 1973. Funds are available from Capital Outlay funds within the departmental account. (RBC #355)

GRADUATE SCHOOLInstitute of Urban Studies - Criminal Justice Program

55. Appoint Melvin Brown, Jr., (non-tenure) as Adjunct Assistant Professor at 25% with stipend of \$900, 4 1/2 months, with academic rate of \$7200 effective January 16, 1973. Funds are available from Unallocated Faculty Salaries. (RBC #327)



## THE UNIVERSITY OF TEXAS AT ARLINGTON

## RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET

Board Meeting on April 24, 1973

COMPUTER DEVELOPMENT AND TRAINING

56. Change the status of David B. Gleason, Computer Programmer I, from 75% to 100% with annual rate of \$8712, effective February 5, 1973. Additional funds are available from Unallocated Departmental Operating Expenses - Unallocated Salaries. (RBC #363)

## 57. Transfer of Funds:

From:	Unallocated Departmental Operating Expenses -	
	Travel	\$ 248.
	Unallocated Salaries	\$2325.
To:	Maintenance and Operation	\$2573.
For:	To provide funds to cover expenses not anticipated in Travel and Maintenance and Operation at the time of the original budget preparation.	

(RBC #384)

LIBRARYLibrary - All Other

58. Increase the annual rate of John A. Hudson, University Librarian, from \$19,200 to \$20,400 effective February 1, 1973. Funds required are available from Unallocated Library - Unallocated Salaries. (RBC #316)

AUXILIARY ENTERPRISESIntercollegiate Athletics

## 59. Transfer of Funds:

From:	Travel	\$850.
To:	Maintenance and Operation	\$850.
For:	To provide funds for the purchase of medical supplies for training room.	

(RBC #361)

Student Publications

## 60. Transfer of Funds:

From:	Capital Outlay	\$2830.
To:	Wages	\$2830.
For:	To provide additional funds for Wages due to the increased activities within the department and additional work load brought about by semi-weekly paper publication.	

(RBC #386)

SERVICE DEPARTMENTSComputer Special Account

## 61. Transfer of Funds:

From:	Maintenance and Operations	\$750.
To:	Travel	\$750.
For:	To provide funds to cover additional travel expenses not anticipated at the time of the original budget preparation.	

(RBC #366)

## THE UNIVERSITY OF TEXAS AT ARLINGTON

## RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET

Board Meeting on April 24, 1973

CURRENT RESTRICTED FUNDSConstruction Research Center

62. Appoint Michael Jay Buckley as Graduate Research Assistant at 50% with stipend of \$1350, 4 1/2 months, with full-time nine months rate of \$5400 effective January 16, 1973. Funds are available within the account. (Nepotism: Dr. Ernest Buckley, father, is Associate Director of Construction Research Center.) (RBC #359)

GRANTS AND CONTRACTSDepartment of Health, Education, and Welfare - Sociology

63. Re-appoint Ronald C. Burrus (non-tenure) as Lecturer at 25% with stipend of \$1,000, 4 1/2 months, with academic rate of \$8,000 effective January 16, 1973. Funds are available within the account. (RBC #356)

64. Re-appoint Karen C. Holmes (non-tenure) as Lecturer at 25% with stipend of \$1,000, 4 1/2 months, with academic rate of \$8,000 effective January 16, 1973. Funds are available within the account. (RBC #357)

65. Appoint Mohini Sindwani (non-tenure) as Visiting Assistant Professor at 50% with stipend of \$4,000, 4 1/2 months, with academic rate of \$16,000 effective January 16, 1973. Funds are available within the account. (RBC #358)

1973 SUMMER SESSION BUDGET

I recommend approval of the 1973 Summer Budget. The budget reflects an expenditure of \$1,070,000. This amount is available from the allocation for the Summer Session in the 1972-73 Operating Budget.

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDATIONS FOR SALARY BUDGET  
FOR  
SUMMER SESSION 1973

ARLINGTON, TEXAS

March 12, 1973

THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

1973 SUMMER SESSION BUDGETFirst Term: June 1 - July 15  
July 16 - August 31RESIDENT INSTRUCTIONCOLLEGE OF LIBERAL ARTS

Architecture .....	\$ 25,464
English .....	89,785
Art .....	14,979
Music .....	9,255
Foreign Languages .....	62,009
Government .....	56,331
History and Philosophy .....	84,052
Physical Education - Men .....	17,742
Physical Education - Women .....	675
Psychology .....	30,074
Education .....	22,581
Sociology .....	27,606
Communication .....	18,787
 Total College of Liberal Arts .....	 <u>459,340</u>

COLLEGE OF SCIENCE

Biology .....	40,838
Chemistry .....	33,246
Geology .....	14,340
Mathematics .....	97,024
Physics .....	29,584
 Total College of Science .....	 <u>215,032</u>

COLLEGE OF BUSINESS

Accounting .....	44,830
Business Administration .....	105,027
Economics .....	52,843
 Total College of Business .....	 <u>202,700</u>

COLLEGE OF ENGINEERING

Aerospace Engineering .....	10,630
Civil Engineering .....	23,271
Mechanical Engineering .....	36,570
Electrical Engineering .....	42,790
Industrial Engineering .....	33,637
 Total College of Engineering .....	 <u>146,898</u>

<u>GRADUATE SCHOOL OF SOCIAL WORK</u> .....	<u>12,210</u>
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<u>CRIMINAL JUSTICE PROGRAM</u> .....	<u>12,974</u>
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RESERVE

Reserve for Additional Positions .....	<u>20,846</u>
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TOTAL 1973 SUMMER SESSION BUDGET .....	<u>\$1,070,000</u>
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SUMMARY OF 1973 SUMMER SESSION BUDGET  
(ELEMENTS OF INSTITUTIONAL COST)

<u>RESIDENT INSTRUCTION</u>	
Teaching Salaries Only .....	\$1,070,000
<u>SOURCE OF FUNDS</u>	
Summer Session Appropriation in 1972-73 Budget .....	<u>\$1,070,000</u>
TOTAL 1973 SUMMER SESSION BUDGET.....	<u><u>\$1,070,000</u></u>

## COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-115 ARCHITECTURE					
PROFESSOR & CHAIRMAN					
001	HAROLD BOX	19,000	100 3,166	100 3,166	6,332
PROFESSOR					
002	GEORGE S WRIGHT	15,000	100 2,500	100 2,500	5,000
ASSOCIATE PROFESSOR					
004	JOE DANIEL SPEARS	T 11,700	100 1,950	100 1,950	3,900
ASSISTANT PROFESSOR					
007	RICHARD B FERRIER	9,600	100 1,600		1,600
008	PETER J WOOD	9,200	100 1,533	100 1,533	3,066
009B	MICHAEL A SHELTON	9,000	050 750	050 750	1,500
INSTRUCTOR					
013	EDWARD B WALLACE	8,400	100 1,400		1,400
015	WILLIAM S AUSTIN	8,000	100 1,333	100 1,333	2,666
	SUB-TOTAL		14,232	11,232	25,464

## COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-120 ENGLISH						
PROFESSOR & CHAIRMAN						
001A	EMORY D ESTES	T	18,500	100 3,083	100 3,083	6,166
PROFESSOR						
003	STANTON GARNER	T	20,000	075 2,499	075 2,499	4,998
004	LYLE H KENDALL JR	T	18,300	100 3,050	100 3,050	6,100
005	CLAYTON L FICHELBERGER	T	17,800	100 2,966	050 1,483	4,449
006	CLARENCE S TURNER	T	17,800		100 2,966	2,966
007	DUNCAN W ROBINSON	T	17,500	100 2,916		2,916
009	GEORGE E FORTENBERRY	T	14,400	050 1,200	050 1,200	2,400
010	ANNE WHALING	T	13,500		100 2,250	2,250
011	ROBERT L LITTLEFIELD	T	13,400	100 2,233		2,233
012	ROBERT E MCDOWELL	T	13,400		100 2,233	2,233
013	ALBERTA E HARRINGTON	T	12,700		100 2,116	2,116
ASSOCIATE PROFESSOR						
014	JOHN S BURNS	T	13,700	100 2,283		2,283
015	CORINNE E KAUFFMAN	T	13,400	100 2,233		2,233
016	PAUL S BLAKNEY	T	13,400		100 2,233	2,233
017	GERTRUDE L GOLLADAY	T	13,400	100 2,233		2,233
018	DON R SWADLEY	T	13,200		100 2,200	2,200
019	FIORELLA S TURBEVILLE	T	13,100	100 2,183		2,183
020	RICHARD B ZACHA	T	11,800	050 983	050 983	1,966
021	JAMES M MOFFETT	T	11,600	100 1,933		1,933
022	HARRY R BEAUDRY	T	11,300	100 1,883		1,883
023	MAURICE I CARLSON	T	11,300		100 1,883	1,883

## COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-120 ENGLISH							
ASSOCIATE PROFESSOR							
024	BILLI M ROGERS	T 11,200	050	933	050	933	1,866
025	JOHN S LEWIS	T 11,100			100	1,850	1,850
026	WILLIAM M RICHARDSON	T 11,100	100	1,850			1,850
027	ERNESTINE M SEWELL	T 11,100			100	1,850	1,850
028	DALLAS L LACY	T 11,100	100	1,850			1,850
029	HARRY S HANKS	T 10,800	100	1,800			1,800
030	MARGUERITE S HOLTON	T 10,700	100	1,783			1,783
032	THOMAS S SUTHERLAND	T 10,400	100	1,733			1,733
ASSISTANT PROFESSOR							
033	NOEL POLK	10,900	100	1,816			1,816
034	KENNETH M ROEMER	10,700	100	1,783			1,783
035	THOMAS ANTHONY RYAN	10,600	100	1,766			1,766
036	MARGARET J MCGOWAN	T 10,200	100	1,700			1,700
037	AILSEY FORESTER	T 10,200			100	1,700	1,700
038	JEANETTA BOSWELL	T 10,100			100	1,683	1,683
043	JEANNE D FORD	T 9,800	100	1,633			1,633
044	ISABELLE P FRENCH	T 10,100	100	1,683			1,683
INSTRUCTOR							
046	THOMAS S MOORE	9,500	050	791	050	791	1,582
SUB-TOTAL				52,799		36,986	89,785



## COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-131 ART							
ASSOCIATE PROFESSOR & CHAIRMAN							
004A	WILLIAM E TURNER	T 11,800	100	1,966	100	1,966	3,932
ASSOCIATE PROFESSOR							
002	ORTON HAMBY	T 12,700	100	2,116			2,116
003A	MARY L HODNETT	T 12,100	100	2,016	100	2,016	4,032
ASSISTANT PROFESSOR							
006	STEPHEN T RASCOE	T 10,700			100	1,783	1,783
007	WILLIAM M STEGALL	T 10,200			100	1,700	1,700
INSTRUCTOR							
011	HARLEY J SCOTT JR	8,500	100	1,416			1,416
	SUB-TOTAL			7,514		7,465	14,979

## COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-132 MUSIC								
PROFESSOR & CHAIRMAN								
001	JACK H MAHAN	T	14,900	050	1,241	050	1,241	2,482
PROFESSOR								
002	LLOYD C TALIAFERRO	T	14,600			050	1,216	1,216
ASSOCIATE PROFESSOR								
003	DANIEL C BURKHOLDER	T	11,700	050	975			975
ASSISTANT PROFESSOR								
004	GARY L EBENSBERGER	T	12,000	025	500	075	1,500	2,000
005	WILLIAM F POSTELTHWAITE	T	10,700	050	891	050	891	1,782
007	RAY C LICHENWALTER		9,600			050	800	800
	SUB-TOTAL				3,607		5,648	9,255

## COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-140 FOREIGN LANGUAGE & LINGUISTICS						
ASSOCIATE PROFESSOR & CHAIRMAN						
001	VIRGIL L POULTER	T	14,900	100 2,483	100 2,483	4,966
PROFESSOR						
004	DNES MONDSTORY	T	15,600		100 2,600	2,600
005	DUANE A ADAMS	T	15,500	100 2,583	100 2,583	5,166
ASSOCIATE PROFESSOR						
008	ALAN Q STEINECKE	T	14,900	100 2,483	100 2,483	4,966
009	ALVIN D JETT JR	T	14,700		100 2,450	2,450
010	CHARLES MCDJWELL	T	14,300	100 2,383	100 2,383	4,766
011	JOHN A STUART	T	13,900	050 1,158	050 1,158	2,316
012	ANNIE L GIBSON	T	11,600	100 1,933	050 966	2,899
013	BERTIE W ACKER	T	10,700	100 1,783	100 1,783	3,566
ASSISTANT PROFESSOR						
015	TED E FRANK		11,300	100 1,883		1,883
016	FREDERICK VINA	T	11,100	100 1,850	100 1,850	3,700
017	CARLOS NDGUEIRA-MARTINS		10,800	100 1,800	100 1,800	3,600
018	JAMES D WILMETH	T	10,700	100 1,783		1,783
020	DUANE V KEILSTRUP	T	10,200	100 1,700		1,700
021	NORMAN A WHITLOCK		9,900	100 1,650	100 1,650	3,300
022A	DOLORES H WILLIAMS	T	10,300	100 1,716	100 1,716	3,432
024	EDWARD A COWAN	T	8,800		100 1,466	1,466
INSTRUCTOR						
025	JACK PALANGIAN		9,300	100 1,550		1,550
027	RIMMA B PALANGIAN		8,400	100 1,400		1,400
GRADUATE TEACHING ASSISTANT						

## COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-140 FOREIGN LANGUAGE & LINGUISTICS							
GRADUATE TEACHING ASSISTANT							
101	.....	5,400	050	450			450
103	.....	5,400	050	450			450
101	.....	5,400	050	450			450
104	.....	5,400	050	450			450
105	.....	5,400	050	450			450
106	.....	5,400	050	450			450
107	.....	5,400	050	450	050	450	900
108	.....	5,400	050	450	050	450	900
	SUB-TOTAL			33,738		28,271	62,009

## COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-145 GOVERNMENT						
PROFESSOR & CHAIRMAN						
001	SAMUEL B HAMLETT	T	16,600	100 2,766	100 2,766	5,532
PROFESSOR						
002	LUTHER G HAGARD JR	T	16,900	100 2,816	100 2,816	5,632
003	EDWARD B RICHARDS	T	15,200	100 2,533	100 2,533	5,066
004	IRVING O DAWSON	T	14,900	100 2,483	100 2,483	4,966
005	HUBERT L C MATTHIAS	T	13,900	100 2,316		2,316
ASSOCIATE PROFESSOR						
006	LUTHER W ODDM	T	14,800	100 2,466	100 2,466	4,932
007	JHANG S MOON	T	14,300	100 2,383	100 2,383	4,766
008	IVAN TABORSKY	T	13,000	100 2,166	100 2,166	4,332
009	ALLAN SAXE	T	11,900	100 1,983	100 1,983	3,966
010	CHARLES W VAN CLEVE	T	11,600	100 1,933	100 1,933	3,866
ASSISTANT PROFESSOR						
012	STEPHEN L DAIGLE		10,400	100 1,733	100 1,733	3,466
013	HUNTER SCHMIDT JR		9,400	100 1,566	100 1,566	3,132
015	SUZANNE M KATSIKAS		8,900	100 1,483		1,483
INSTRUCTOR						
024	JAMES D CLARK		8,900	067 988	067 988	1,976
ASSISTANT INSTRUCTOR						
025	MICHAEL DEFRANK		5,400	050 450	050 450	900
SUB-TOTAL				30,065	26,266	56,331

## COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-150 HISTORY & PHILOSOPHY						
ASSISTANT PROFESSOR & CHAIRMAN						
001	RICHARD G MILLER		12,200	100 2,033	100 2,033	4,066
PROFESSOR						
002	CASPER G WOLFSKILL	T	19,000		100 3,166	3,166
003	ROBERT W AMSLER	T	15,600	050 1,300	050 1,300	2,600
004	HOWARD LACKMAN	T	14,700	100 2,450	100 2,450	4,900
005	VAN MITCHELL SMITH	T	14,500	100 2,416		2,416
006	HOMER L KERR	T	14,100	100 2,350	100 2,350	4,700
007	CARTER E BOREN	T	13,500		100 2,250	2,250
008	CHARLES D RICHARDS	T	13,400	100 2,233	100 2,233	4,466
009	MARTIN H HALL	T	12,800	100 2,133	100 2,133	4,266
ASSOCIATE PROFESSOR						
010	GLEN M RODGERS	T	13,400	100 2,233	100 2,233	4,466
011	ROBERT WILLIAMSON	T	13,200	100 2,200	100 2,200	4,400
012	SANDRA L MYERS	T	12,400	100 2,066		2,066
013	ARTHUR W TUCKER JR	T	12,200	100 2,033	100 2,033	4,066
014	EDWARD W CHESTER	T	12,100		100 2,016	2,016
016	HOUGHTON B DALRYMPLE	T	12,000	100 2,000		2,000
017	EDWARD C BOCK	T	11,800	100 1,966	100 1,966	3,932
018	JEROME L RODNITZKY	T	11,200	100 1,866	100 1,866	3,732
ASSISTANT PROFESSOR						
022	J W KNOX	T	12,300	100 2,050	100 2,050	4,100
023	GUSTAVE A ANGUIZOLA	T	11,500	100 1,916		1,916
026	PAUL M MAGINNIS		10,900	100 1,816		1,816

## COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-150 HISTORY & PHILOSOPHY							
ASSISTANT PROFESSOR							
027	DAVID DE BOE	10,800	100	1,800			1,800
029	BRUCE I AMBACHER	10,300			100	1,716	1,716
030	THOMAS W KING	10,200	100	1,700	100	1,700	3,400
031	ELLIOTT WEST	10,000	100	1,666	100	1,666	3,332
032	AUDRA L PREWITT	T 9,700	100	1,616	100	1,616	3,232
INSTRUCTOR							
035	LARRY D SALL	9,700	100	1,616	100	1,616	3,232
	SUB-TOTAL			43,459		40,593	84,052

## COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM	SECOND TERM	TOTAL SALARY
			6-1/7-15 PERCENT OF TIME SALARY	7-16/8-31 PERCENT OF TIME SALARY	
12-175 PHYSICAL EDUCATION-WOMEN					
INSTRUCTOR					
004	ALLISON A SLOAN	8,100		050 675	675
	SUB-TOTAL			675	675



## COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-170 PHYSICAL EDUCATION-MEN								
PROFESSOR								
002	THOMAS J TINKER	T	12,900	100	2,150	050	1,075	3,225
ASSOCIATE PROFESSOR								
003	JIMMY W GARRETT	T	12,900	050	1,075	100	2,150	3,225
005	BURLEY L BEARDEN	T	11,450	043	820	093	1,775	2,595
ASSISTANT PROFESSOR								
006	WILLIAM E REEVES	T	10,000	100	1,666	050	833	2,499
007	WILLIAM F ROARK	T	9,200	100	1,533			1,533
008	TOMMY S BEASLEY	T	9,000	050	750	100	1,500	2,250
015	CARLA D LOWRY		10,000	050	833			833
INSTRUCTOR								
010	THOMAS D BOONE		9,500	050	791	050	791	1,582
	SUB-TOTAL				9,618		8,124	17,742

## COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-181 PSYCHOLOGY						
ASSOCIATE PROFESSOR & CHAIRMAN						
001	JAMES W BAERWALDT	T	13,000	075 1,624	075 1,624	3,248
PROFESSOR						
002	GARVIN M MCCAIN	T	18,000	075 2,250	075 2,250	4,500
003	IRA H BERNSTEIN	T	15,500	075 1,937	075 1,937	3,874
004	JAMES N BOWEN	T	14,200	075 1,774	075 1,774	3,548
ASSOCIATE PROFESSOR						
006	VERNE C COX	T	16,100	025 671	025 671	1,342
007	DUANE R MARTIN	T	12,200	050 1,016	050 1,016	2,032
008	JAMES D PHILLIPS JR	T	12,000	050 1,000	050 1,000	2,000
ASSISTANT PROFESSOR						
009	JAMES KOPP		13,300	050 1,108	050 1,108	2,216
010	BRUCE A AMBLER		11,000	050 916	050 916	1,832
013	PAUL B PAULUS		11,100	050 925	050 925	1,850
031A	JAMES T MILLER		11,000	050 916	050 916	1,832
GRADUATE TEACHING ASSISTANT						
101	.....		5,400	050 450	050 450	900
102	.....		5,400	050 450	050 450	900
SUB-TOTAL				15,037	15,037	30,074

## COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-182 EDUCATION						
PROFESSOR & CHAIRMAN						
001A	ALLEN J HERNDON	T	17,500	100 2,916	100 2,916	5,832
PROFESSOR						
003	NORMAN C MOHN	T	13,200	100 2,200	050 1,100	3,300
ASSISTANT PROFESSOR						
004	JOYCE B BUCKNER		11,400	100 1,900	050 950	2,850
005	MARY L CROW		11,400	100 1,900	050 950	2,850
006	KATHRYN L HOPKINS	T	10,500	100 1,750	050 875	2,625
007	EVA L WILLIAMS		10,500	050 875	100 1,750	2,625
008	R JON LEFFINGWELL		10,000	050 833	100 1,666	2,499
	SUB-TOTAL			12,374	10,207	22,581

COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-190 SOCIOLOGY						
PROFESSOR & CHAIRMAN						
001	LEE TAYLOR	T	20,000	100 3,333	100 3,333	6,666
PROFESSOR						
002	BLAINE T WILLIAMS	T	14,900	100 2,483		2,483
101	.....		15,960	050 1,330		1,330
ASSOCIATE PROFESSOR						
003	JESS R LORD	T	15,500	100 2,583		2,583
004	JOYCE WILLIAMS	T	13,400	100 2,233		2,233
005	WILLIAM A STACEY	T	13,300		100 2,216	2,216
006	RONALD C ENGLE	T	13,200	100 2,200		2,200
102	.....		15,960		050 1,330	1,330
ASSISTANT PROFESSOR						
008	T R HAYS		11,300	100 1,882		1,882
010	EDMUND RUDDOWSKI	T	8,700	100 1,450	100 1,450	2,900
INSTRUCTOR						
014	YIN S RHEE		10,700	100 1,783		1,783
SUB-TOTAL				19,277	8,329	27,606

## COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-195 COMMUNICATIONS							
ASSOCIATE PROFESSOR & CHAIRMAN							
001	CHAPIN ROSS	T 15,000	100	2,500	100	2,500	5,000
PROFESSOR							
003	MARGARET A CAMERON	T 12,100			100	2,016	2,016
ASSOCIATE PROFESSOR							
004	NITA F COX	T 10,700	100	1,783			1,783
ASSISTANT PROFESSOR							
005	CARROLL HICKEY	11,500	100	1,916			1,916
006	WILLIAM J STONE JR	12,000	050	1,000			1,000
008	CHARLES S PROCTOR	10,700	100	1,783			1,783
009	MARY LOU HOYLE	10,100			050	841	841
INSTRUCTOR							
11	MICHAEL W MCBRIDE	8,700	050	725	050	725	1,450
12	WILLIAM D ELKINS	8,000	050	666	050	666	1,332
15	ROY D HAMRIC	10,000	050	833	050	833	1,666
SUB-TOTAL				11,206		7,581	18,787

## COLLEGE OF SCIENCE

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
L2-220 BIOLOGY								
PROFESSOR & CHAIRMAN								
001	WILLIAM R MEACHAM	T	19,600	100	3,266	050	1,633	4,899
PROFESSOR								
002	WILLIAM F PYBURN	T	16,500			050	1,375	1,375
003	THOMAS E KENNERLY JR	T	16,000	050	1,333	100	2,666	3,999
004	CLARENCE C HALL JR	T	15,700	100	2,616			2,616
005	WILLIAM B MCCRA DY	T	14,800	100	2,466			2,466
ASSOCIATE PROFESSOR								
007	THOMAS R HELLI ER JR	T	14,800	100	2,466	050	1,233	3,699
009	LOUIS H BRAGG	T	13,600	100	2,266	050	1,133	3,399
010	ROBBY ROY ELLER	T	13,000			100	2,166	2,166
011	ROBERT B BOLEY	T	12,900	075	1,612	075	1,612	3,224
012	FRANK G GLADDEN	T	12,800	050	1,066	100	2,133	3,199
013	BERNARD L FRYE	T	10,900	100	1,816	050	908	2,724
ASSISTANT PROFESSOR								
014	ROBERT L NEILL		11,500	050	958	100	1,916	2,874
015	RONALD KNAUS		11,200			100	1,866	1,866
ASSISTANT INSTRUCTOR								
018	JACQUELINE PERRYMAN		7,000	100	1,166	100	1,166	2,332
	SUB-TOTAL				21,031		19,807	40,838

## COLLEGE OF SCIENCE

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-230 CHEMISTRY								
PROFESSOR & CHAIRMAN								
001	DONALD R MARTIN	T	22,500	100	3,750	100	3,750	7,500
PROFESSOR								
004	JOHN T MURCHISON	T	16,400	100	2,733			2,733
005	ROBERT F FRANCIS	T	15,400	100	2,566			2,566
006	HUGH D MCAFEE	T	14,600			100	2,433	2,433
007	HAROLD G BURMAN	T	14,000	100	2,333			2,333
ASSOCIATE PROFESSOR								
009	THOMAS J COGDELL	T	15,000			100	2,500	2,500
010	A T ARMSTRONG	T	14,500			100	2,416	2,416
011	SARAH M WILLOUGHBY	T	14,300	100	2,383			2,383
ASSISTANT PROFESSOR								
016	EDWARD BELLION		11,600	100	1,933			1,933
017	MARY L JOHNSON		10,600			100	1,766	1,766
ASSISTANT INSTRUCTOR								
018	MARTHA L HARDIN		8,700	100	1,450			1,450
019	CLOVIS HUDDLESTON		8,600			100	1,433	1,433
GRADUATE TEACHING ASSISTANT								
101	.....		5,400	050	450	050	450	900
102	.....		5,400	050	450	050	450	900
SUB-TOTAL					18,048		15,198	33,246

## COLLEGE OF SCIENCE

ITFM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-240 GEOLOGY								
PROFESSOR & CHAIRMAN								
001	CHARLES F DODGE	T	15,300	100	2,550	050	1,275	3,825
PROFESSOR								
002	JOHN D BOON	T	15,500	100	2,583			2,583
ASSISTANT PROFESSOR								
004	BURKE BURKART		12,600	100	2,100			2,100
005	ROBERT W SCOTT		12,400			100	2,066	2,066
006	DONALD F REASER	T	11,600	100	1,933			1,933
007	JOSEPH F FISCHER		11,000			100	1,833	1,833
	SUB-TOTAL				9,166		5,174	14,340



## COLLEGE OF SCIENCE

ITEM NO.	PAYROLL TITLE - NAME		9 MUS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-250 MATHEMATICS						
PROFESSOR & CHAIRMAN						
001	BASIL M WALL	T	20,100	100 3,350	100 3,350	6,700
PROFESSOR						
003	JAMES L SHAWN	T	14,500	075 1,812	025 604	2,416
004	LLOYD L LASSEN	T	13,300	075 1,602	025 554	2,216
ASSOCIATE PROFESSOR						
005	ROBERT L TENNISON	T	17,400	100 2,900	100 2,900	5,800
006	JOHN K PERRYMAN	T	16,700	075 2,087	025 695	2,782
007	ALFRED R MITCHELL	T	16,000	100 2,606		2,666
008	ROGER W MITCHELL	T	16,000	075 1,999	025 666	2,665
009	BENNIE B WILLIAMS	T	15,700		100 2,616	2,616
010A	STILLMAN A SIMS	T	15,700	050 1,308	050 1,308	2,616
011	LARRY F HEATH	T	15,300	050 1,275	050 1,275	2,550
012	MARION E MOJRE	T	14,800	075 1,849	025 616	2,465
013	C W MARSHALL	T	14,200	100 2,366		2,366
014	JAMES C BOLEN	T	14,100		100 2,350	2,350
016	WILLIAM W HAMILTON	T	13,600		100 2,266	2,266
017	M E LORD	T	13,400		100 2,233	2,233
019	WILLIAM E BEEMAN	T	12,800		100 2,133	2,133
020	WILLIAM LAWLEY	T	12,800	100 2,133		2,133
021	THURMAN M JASPER	T	12,400	075 1,549	025 516	2,065
022	LEDLIE R HOLLAND	T	12,200	100 2,033		2,033
023	JOHN A GARDNER	T	12,200	050 1,016	050 1,016	2,032
024	HARDLD R GREEN	T	11,500	100 1,916		1,916

## COLLEGE OF SCIENCE

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-250 MATHEMATICS							
ASSOCIATE PROFESSOR							
063	JEPOME EISENFELD	15,000	100	2,500	100	2,500	5,000
ASSISTANT PROFESSOR							
025	WESLEY E MEAD JR	T 12,975	050	1,081			1,081
026	JOE GILBREATH	T 12,225	050	1,018			1,018
027	JAMES R HARVEY	T 14,000	100	2,333			2,333
028	FRANK N HUGGINS	13,900	050	1,158	050	1,158	2,316
029	MERLYND K NESTELL	13,600			100	2,266	2,266
030	DANNY D DYER	T 13,000	075	1,624	025	541	2,165
031	JAMES C NICHOLSON	T 12,000	100	2,000			2,000
032	GAY B TURNEY	T 12,000	100	2,000			2,000
033	WILLIAM D MILLER	T 11,900	100	1,983			1,983
034	MERVIN R CHILDERS	T 11,900	100	1,983			1,983
035	JACOB T B BEARD	11,800	100	1,966			1,966
036	ARTHUR A GILLESPIE	T 11,200	025	466	075	1,399	1,865
037	ROBERT J FOSTER	T 11,000			100	1,833	1,833
038	EUDA E DEAN	T 11,000	050	916	050	916	1,832
040	KIRBY D WATKINS	T 10,400			100	1,733	1,733
041	LEE G SHILLING JR	T 10,400	075	1,299	025	433	1,732
043	MARIAN E PAYSINGER	T 9,800	100	1,633			1,633
044	EDDIE N WARREN	T 9,600	075	1,200	025	400	1,600
INSTRUCTOR							
042	HENRY T WISE JR	10,000			100	1,666	1,666
SUB-TOTAL				57,081		39,943	97,024

## COLLEGE OF SCIENCE

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-260 PHYSICS								
PROFESSOR & CHAIRMAN								
001	LOUIS A RAYBURN	T	20,900	100	3,483	100	3,483	6,966
PROFESSOR								
002	RICHARD J MARQUIS	T	17,325	050	1,444	050	1,443	2,887
003	LEONARD M DIANA	T	16,900	100	2,816			2,816
ASSOCIATE PROFESSOR								
004	TRUMAN D BLACK	T	17,000	100	2,833			2,833
006	ULRICH O HERRMANN	T	15,000			100	2,500	2,500
008	NOLEN G MASSEY	T	14,800	050	1,233			1,233
010	GLEN E TERRELL	T	14,400			100	2,400	2,400
011	R S RUBINS	T	14,000			050	1,166	1,166
012	BONNIE C THOMPSON	T	13,800	100	2,300			2,300
013	JOHN L FRY		13,700			100	2,283	2,283
ASSISTANT PROFESSOR								
014	WILLIAM B SELF	T	13,200	100	2,200			2,200
	SUB-TOTAL				16,309		13,275	29,584

## COLLEGE OF BUSINESS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-320 ACCOUNTING						
PROFESSOR & CHAIRMAN						
002	ALLAN H SAVAGE	T	18,300	100 3,050		3,050
PROFESSOR						
003	HOWARD J SNAVELY	T	18,300	100 3,050	100 3,050	6,100
004	RALPH W ESTES	T	18,200	050 1,516	100 3,033	4,549
ASSOCIATE PROFESSOR						
005	HARLEY M COURTNEY	T	17,100	100 2,850	100 2,850	5,700
007	BILLIE W MOUCK	T	11,300	100 1,883	100 1,883	3,766
ASSISTANT PROFESSOR						
008	PATRICIA C ELLIOTT		14,800	100 2,466	100 2,466	4,932
010	WAYNE A LABEL		14,400	100 2,400		2,400
012	J R RAZEK		13,500	100 2,250		2,250
013	JAMES F COOK	T	11,750	077 1,334	077 1,333	2,667
015	ELBERT C PAGE		9,800		100 1,633	1,633
INSTRUCTOR						
016	KATHERIN M HORSTMAN		8,600		100 1,433	1,433
017	LOLA L F RHODES		8,600	075 1,075	075 1,075	2,150
026	SHIRLEY S STRICKLAND		8,400	075 1,050	075 1,050	2,100
027	JOSEPH D BROPHY		8,400	100 1,400	050 700	2,100
	SUB-TOTAL			24,324	20,506	44,830

## COLLEGE OF BUSINESS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-330 BUSINESS ADMINISTRATION						
ASSOCIATE PROFESSOR & CHAIRMAN						
002	DONALD W CANTWELL	T	11,300	100 1,883	100 1,883	3,766
PROFESSOR						
003	LAWRENCE L SCHKADE	T	20,100		100 3,350	3,350
004	JOHN D STANLEY	T	19,700	100 3,283		3,283
005	JERRY C WOFFORD	T	18,300	100 3,050	100 3,050	6,100
ASSOCIATE PROFESSOR						
007	WILLIAM W LUCAS	T	17,100	100 2,850	100 2,850	5,700
008	WILLIAM P GREEN	T	16,300		100 2,716	2,716
009	BURLEY WALKER JR	T	15,300	080 2,040	080 2,040	4,080
010	HIRAM M HELM JR	T	15,500	100 2,583	100 2,583	5,166
011	CARL D MCDANIEL JR	T	14,500	100 2,416	100 2,416	4,832
012	BILLY W TURNER	T	11,000	100 1,833	100 1,833	3,666
105	MARNA K CARNEY	T	14,300	100 2,383		2,383
106	PAUL HAYASHI	T	15,300	050 1,275	050 1,275	2,550
ASSISTANT PROFESSOR						
014	WILLIAM E PINNEY		14,600	100 2,433	100 2,433	4,866
015	THOMAS I KINDEL		14,600	100 2,433		2,433
016	THEODORE T HERBERT		13,600	100 2,266	100 2,266	4,532
017	R C BAKER		13,500	100 2,250	100 2,250	4,500
019	EDWIN A GERLOFF		14,200	050 1,183	050 1,183	2,366
020	SANFORD M EDGAR		13,300	100 2,216	100 2,216	4,432
021	ROGER H GATES		13,200	100 2,200	100 2,200	4,400
022	PHILIP F LYNCH		13,200	100 2,200	100 2,200	4,400

## COLLEGE OF BUSINESS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-330 BUSINESS ADMINISTRATION							
ASSISTANT PROFESSOR							
023	PAULA A HUGHES	13,200	100	2,200			2,200
024	ROBERT C CUMMINS	13,200	100	2,200			2,200
025	D L BOURKE	13,000	100	2,166			2,166
026	RONALD E MILLIMAN	12,500	050	1,041	100	2,083	3,124
028	ALBERT S LEWIE JR	9,200	100	1,533	100	1,533	3,066
029	R L HAEUSSLER	9,000	100	1,500			1,500
104	DAVID A GRAY	13,500			100	2,250	2,250
VISITING ASSISTANT PROFESSOR							
070	WILLIAM T TUCKER JR	13,500			100	2,250	2,250
INSTRUCTOR							
030	GEORGE MARTINEZ	9,000			100	1,500	1,500
101	.....	9,000	050	750	050	750	1,500
102	.....	9,000	050	750	050	750	1,500
103	.....	9,000	075	1,125	075	1,125	2,250
SUB-TOTAL				54,042		50,985	105,027

## COLLEGE OF BUSINESS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME SALARY		PERCENT OF TIME SALARY		
12-340 ECONOMICS								
PROFESSOR & CHAIRMAN								
001	SAMUEL T KEIM JR	T	22,500	100	3,750	100	3,750	7,500
PROFESSOR								
003	THOMAS E HOLLAND	T	18,200			100	3,033	3,033
004	WILLIAM C REHER	T	17,700	100	2,950			2,950
005	THEODORE L WHITESEL	T	17,400	100	2,900	100	2,900	5,800
ASSOCIATE PROFESSOR								
006	JOHN B MCCALL	T	16,800	077	1,867	077	1,867	3,734
007	GHAZI DUWAJI	T	16,300	100	2,716	100	2,716	5,432
008	JOAN M MCCREA	T	16,300	100	2,716			2,716
012	LAWRENCE F ZIEGLER	T	14,300	100	2,382	100	2,382	4,764
010	PAUL M HAYASHI	T	15,300	050	1,275	050	1,275	2,550
009	WALTER E MULLENDORE	T	15,400	100	2,566	100	2,566	5,132
ASSISTANT PROFESSOR								
013	CHARLES M HARGROVE		12,500			100	2,083	2,083
014	JOHN M TRAPANI III		11,700	100	1,950	100	1,950	3,900
015	WALTER R SHUTTEE	T	10,100	100	1,683			1,683
016	RICHARD WILSON	T	9,400			100	1,566	1,566
	SUB-TOTAL				26,755		26,088	52,843

## COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-413 AEROSPACE ENGINEERING						
PROFESSOR & CHAIRMAN						
001	JACK E FAIRCHILD	T	18,400	050	1,533	1,533
PROFESSOR						
003	JOSEPH W DALLEY	T	19,400	050	1,616	1,616
004	J H GAINES	T	15,600	050	1,300	1,300
ASSOCIATE PROFESSOR						
005	DONALD D SEATH	T	16,100	075	2,012	2,012
006	FRED R PAYNE	T	15,900	075	1,987	1,987
007	JOSEPH J STANOVSKY	T	13,700	050	1,141	1,141
INSTRUCTOR						
008	DONALD R WILSON		12,500	050	1,041	1,041
	SUB-TOTAL				10,630	10,630



## COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
12-416 CIVIL ENGINEERING							
PROFESSOR							
001A	JOHN J HAYNES	T 20,600	050	1,717	050	1,716	3,433
003	RICHARD L TUCKER	T 18,900	050	1,575	050	1,575	3,150
004	NOEL J EVERARD	T 19,500	050	1,625	050	1,625	3,250
005	TSENG HUANG	T 17,800	050	1,483	050	1,483	2,966
006	JAMES E CAFFEY	T 16,200	050	1,350	050	1,350	2,700
ASSOCIATE PROFESSOR							
007	CHARLES H CONNALLY	T 13,875	050	1,156			1,156
010	GROVER C GRUBB	T 12,700	050	1,058	050	1,058	2,116
011	FRANK M SMITH JR	T 13,500	100	2,250	100	2,250	4,500
	SUB-TOTAL			12,214		11,057	23,271

## COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-433 MECHANICAL ENGINEERING								
PROFESSOR & CHAIRMAN								
001	CARL W FILES	T	20,000	100	3,333	100	3,333	6,666
PROFESSOR								
003	GEORGE E SMITH	T	16,950	033	941	033	941	1,882
004	CARL D WISEMAN	T	17,100			100	2,850	2,850
005	CALVIN L R BARKER	T	16,900	075	2,112			2,112
006	CHARLES C BLACKWELL JR	T	16,700			100	2,783	2,783
007	A HAJI-SHEIKH	T	16,300	050	1,358	050	1,358	2,716
008	KENT L LAWRENCE	T	16,000	075	1,999			1,999
ASSOCIATE PROFESSOR								
009	ROBERT M JOHNSON	T	13,200	100	2,200			2,200
ASSISTANT PROFESSOR								
010	DAVID A HULLENDER		14,600	050	1,216	050	1,216	2,432
011	TOMMY J LAWLEY		14,000	050	1,166	050	1,166	2,332
INSTRUCTOR								
013	RONALD C FOSTER		9,200	050	766	050	766	1,532
014	RICHARD ALEXANDER		9,000	067	1,000	067	1,000	2,000
015	THOMAS S HUNTER II		8,800	050	733	050	733	1,466
GRADUATE TEACHING ASSOCIATE								
026	JAMES R LEITH		5,400	050	450	050	450	900
GRADUATE TEACHING ASSISTANT								
101	THOMAS MICHAEL BARTLEY		5,400	050	450	050	450	900
102	FUNYEN CHEN		5,400	050	450	050	450	900
103	LESLIE O WILKINS		5,400	050	450	050	450	900
SUB-TOTAL					18,624		17,946	36,570

## COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-435 ELECTRICAL ENGINEERING								
PROFESSOR & CHAIRMAN								
001	FLOYD L CASH	T	20,600	100	3,443	100	3,443	6,886
PROFESSOR								
003	MO-SHING CHEN	T	20,500	025	854	025	854	1,708
004	STEPHEN F CRUMB	T	20,400	100	3,400	100	3,400	6,800
005	CHARLES W JILES	T	19,000	100	3,166	100	3,166	6,332
ASSOCIATE PROFESSOR								
010	JOHN W MC CONNELL	T	15,700	100	2,616	100	2,616	5,232
012	K R RAO	T	14,400	075	1,800	075	1,800	3,600
013	CHARLES V SMITH	T	14,200	100	2,366	100	2,366	4,732
GRADUATE TEACHING ASSOCIATE								
025	CHARLES E COLDWELL		7,200	050	600	050	600	1,200
037	KRISHNIAH REVULURI		7,200	050	600	050	600	1,200
104	M A NARASIMHAN		7,200	050	600	050	600	1,200
105	HOWARD A SMOLLECK		7,200	050	600	050	600	1,200
GRADUATE TEACHING ASSISTANT								
101	TERRY COBB		5,400	050	450	050	450	900
102	MICHAEL JURICEK		5,400	050	450	050	450	900
103	GARY P GARRETT		5,400	050	450	050	450	900
SUB-TOTAL					21,395		21,395	42,790

## COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-440 INDUSTRIAL ENGINEERING								
PROFESSOR & CHAIRMAN								
001	FRANCE A MEIER	T	18,300	100	3,050	100	3,050	6,100
PROFESSOR								
024	CALVIN L BARKER	T	16,900	025	704	025	704	1,408
025	KENT L LAWRENCE	T	16,000	025	666	025	667	1,333
101	J H GAINES	T	15,600	050	1,300			1,300
ASSOCIATE PROFESSOR								
002A	LARRY E STANFEL		17,500	100	2,916	100	2,916	5,832
003	MELVIN L PIERCE	T	15,000	050	1,250	050	1,250	2,500
004	JOHN N FOX	T	16,300	075	2,037	025	679	2,716
ASSISTANT PROFESSOR								
005	HERBERT W CORLEY		13,500	100	2,250	100	2,250	4,500
008	KURT A SCHEMBER		11,500	100	1,916	100	1,916	3,832
GRADUATE TEACHING ASSOCIATE								
010	MOHAN R MAHIDHARA		7,200	050	600	050	600	1,200
ASSISTANT PROFESSOR								
021	DON L CANNON		13,400	025	558	025	558	1,116
GRADUATE TEACHING ASSISTANT								
012	RAGHEB F RAFLA		5,400	050	450	050	450	900
102	GARY S CAPSHAW		5,400	050	450	050	450	900
SUB-TOTAL					18,147		15,490	33,637

## GRADUATE SCHOOL OF SOCIAL WORK

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-520 GRADUATE SCHOOL OF SOCIAL WORK							
ASSOCIATE PROFESSOR							
002	JOHN M DALEY JR	14,800	050	1,233			1,233
101	NAZNEEN MAYADAS	15,000	050	1,250	050	1,250	2,500
102	DENNIS SALEEBEY	T 15,600	050	1,300	050	1,300	2,600
ASSISTANT PROFESSOR							
103	JULIE ALLBRITTON	10,700	050	891			891
104	MARY HUNTER	12,206	050	1,016			1,016
105	SYLVIA MITCHELL	12,272			050	1,022	1,022
106	ROBERT OCONNOR	12,200			050	1,016	1,016
107	COLEEN SHANNON	11,000			050	916	916
108	TED WATKINS	12,200			050	1,016	1,016
	SUB-TOTAL			5,690		6,520	12,210

## CRIMINAL JUSTICE PROGRAM

ITEM NU.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-530 CRIMINAL JUSTICE PROGRAM							
ASSOCIATE PROFESSOR							
008	JAMES W STEVENS	T 17,475	050	1,456	050	1,456	2,912
005	ALLAN K BUTCHER	16,000	100	2,666	100	2,666	5,332
ASSISTANT PROFESSOR							
010	GILBERT SMITH	12,000	100	2,000	100	2,000	4,000
INSTRUCTOR							
006	GLORIA EYRES	8,748	025	365	025	365	730
	SUB-TOTAL			6,487		6,487	12,974

RESERVE

ITEM NO.	- PAYROLL TITLE - NAME	9 MO. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			% OF TIME	SALARY	% OF TIME	SALARY	
12-802	RESERVE FOR ADDITIONAL POSITIONS			<u>10,846</u>		<u>10,000</u>	<u>20,846</u>
	TOTAL SUMMER SCHOOL SALARIES - EDUCATIONAL AND GENERAL			<u>\$583,715</u>		<u>\$486,285</u>	<u>\$1,070,000</u>

## THE UNIVERSITY OF TEXAS AT AUSTIN

Office of the President

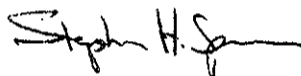
April 24, 1973

Charles A. LeMaistre, M.D.  
Chancellor  
The University of Texas System  
Austin, Texas 78701

Dear Dr. LeMaistre:

The following docket for The University of Texas at Austin is submitted for your approval and submission to the Board of Regents at its meeting on April 24, 1973. The docket consists of 190 pages.

Sincerely yours,



Stephen H. Spurr  
President



## THE UNIVERSITY OF TEXAS AT AUSTIN

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April 24, 1973

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THE UNIVERSITY OF TEXAS AT AUSTIN  
April 24, 1973

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN

*DAF*

The following gifts have been received at The University of Texas at Austin. I recommend acceptance and that the thanks and appreciation of the Board be sent the donors by the Secretary.

A single asterisk preceding the name of the donor indicates no letter of transmittal from the donor. Two asterisks following the dollar amount indicate a noncash gift. In the case of unsold stock, the dollar amount stated is an appraisal or book value.

DONOR	PURPOSE AND CONDITIONS	AMOUNT
1 American Psychological Association B. E. Cherney 1200 17th Street, N.W. Washington, D. C. 20036	College of Social and Behavioral Sciences Regular contribution to the Department of Psychology to cover expenses of editing the Journal of Contemporary Psychology, Gardner Lindzey, editor	\$8,500.00
2 American Society of Civil Engineers, Reinforced Concrete Research Council 345 East 47th Street New York, New York 10017	College of Engineering Grant-in-aid to the Bureau of Engineering Research for study of post-tensioned prestressed concrete flat slabs	5,000.00
3 *Amoco Production Company George Roberts, Jr. Vice President, Research P. O. Box 591 Tulsa, Oklahoma 74102	College of Engineering Contribution to the Department of Petroleum Engineering in support of the Rock Mechanics Research Program	15,000.00
4 Anonymous	College of Business Administration Gift of 1,000 shares of Teledyne, Inc. stock for unrestricted use of College of Business Administration and Graduate School of Business	21,000.00**
5 Mr. and Mrs. L. T. Barrow 3314 Chevy Chase Houston, Texas 77019	College of Natural Sciences Gifts to the Department of Geological Sciences: Hal P. Bybee Fund, \$5,000 W. F. Bowman Fund, 1,000 Guy E. Green Fund, 1,000 Dorothy Carsey Fund, 1,000 Geology Library, 1,000 Whitney Book Fund, 500 Mackin Memorial Fund, 500	10,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
6 *Dwight D. Book Estate c/o Trust Department, San Antonio Loan and Trust Company P. O. Box 1228 San Antonio, Texas 78206	U. T. Austin Regular distribution of income from the Book Estate, to be used for student scholarships	\$12,671.33
7 Cities Service Oil Company J. O. Scott, Manager Production Research P. O. Box 50408 Tulsa, Oklahoma 74150	College of Engineering Contribution in support of the Rock Mechanics Research Program, Department of Petroleum Engineering	15,000.00
8 City Public Service Board of San Antonio J. T. Deely, General Manager P. O. Box 1771 San Antonio, Texas 78296	College of Natural Sciences Contribution to the Department of Physics to be used for the Fusion Program under direction of William E. Drummond	15,000.00
9 *Clayton Foundation for Research 1621 Bank of the Southwest Building Houston, Texas 77002	Clayton Foundation Bio- chemical Institute Quarterly contribution toward cost of coordinating curriculum of students performing services for the Biochemical Institute	8,750.00
10 College Entrance Exam- ination Board S. J. Wright, Director 888 Seventh Avenue New York, New York 10019	U. T. Austin Contribution to provide scholarships for 19 designated students	10,371.00
11 Corporation for Public Broadcasting Henry Loomis, President 888 16th Street, N.W. Washington, D. C. 20006	Communication Center Second payment on grant in support of Radio Station KUT-FM	7,500.00
12 C. J. Davidson 1004 Continental Life Building Fort Worth, Texas 76102	College of Natural Sciences Contribution to the Department of Home Economics to be added to the Davidson Scholarship Fund	5,000.00
13 *Dowell Division of Dow Chemical Company R. E. Hurst P. O. Box 21 Tulsa, Oklahoma 74102	College of Engineering Contribution to the Department of Petroleum Engineering for the Rock Mechanics Research Program	15,000.00
14 E. I. du Pont de Nemours & Company, Inc. C. B. McCoy, President Wilmington, Delaware 19898	College of Natural Sciences Du Pont Science and Engineer- ing Grant for the Department of Chemistry	15,000.00

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
15	E. I. du Pont de Nemours & Company, Inc. C. B. McCoy, President Wilmington, Delaware 19898	College of Engineering Du Pont Science and Engineer- ing Grant for the Department of Chemical Engineering	\$10,000.00
16	E. I. du Pont de Nemours & Company, Inc. C. B. McCoy, President Wilmington, Delaware 19898	College of Engineering Du Pont Environmental Grant to the Department of Civil Engineering for the Environ- mental Health Engineering Program	5,000.00
17	E. I. du Pont de Nemours & Company, Inc. C. B. McCoy, President Wilmington, Delaware 19898	College of Engineering Du Pont Engineering Minority Grant for the program to recruit and counsel minority students in College of Engineering	5,000.00
18	El Paso Natural Gas Company Leo Rogers P. O. Box 1492 El Paso, Texas 79999	College of Engineering Contribution to the Department of Petroleum Engineering for the Rock Mechanics Research Program	15,000.00
19	Exxon Education Foundation Frederick deW. Bolman Executive Director 111 West 49th Street New York, New York 10020	College of Natural Sciences Contribution to Department of Chemistry to further the excellence program--to buy equipment, provide visiting speakers, for fellowships	5,000.00
20	*Fondation Nationale pour l'Enseignement de la Gestion des Entreprises 155 Boulevard Haussmann Paris, France	College of Business Administration Total of several payments in support of a continuing program in business education for a group of French educators	30,775.00
21	Mr. and Mrs. D. G. Furr Furr's Cafeterias, Inc. 3101 34th Street Lubbock, Texas 79410	School of Communication Proceeds from sale of 2,500 shares of Furr's Cafeterias, Inc. stock, given for unrestricted use	53,976.50
22	Mr. and Mrs. D. G. Furr Furr's Cafeterias, Inc. 3101 34th Street Lubbock, Texas 79410	College of Business Admin- istration Proceeds from sale of 2,500 shares of Furr's Cafeterias, Inc. stock, given for unrestricted use	53,976.50
23	*Getty Oil Company John Mintz 3903 Stoney Brook Houston, Texas 77042	College of Engineering Contribution to the Depart- ment of Petroleum Engineering for the Rock Mechanics Research Program	15,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
24 Halliburton Services W. T. Malone P. O. Drawer 1431 Duncan, Oklahoma 73533	College of Engineering Contribution to the Department of Petroleum Engineering for the Rock Mechanics Research Program	\$7,500.00
25 * Wayne D. Harbin 1900 Marathon Building 600 Jefferson Houston, Texas 77002	College of Business Administration Proceeds from the sale of 5,000 shares of Crutcher Resources Corporation stock to Department of Accounting to be divided between the Arthur Young Distinguished Professorship Fund (\$25,000) and the general use of the department (\$35,000)	60,000.00
26 Joe J. King 853 Main Building Houston Texas 77002	College of Engineering Proceeds from sale of 200 shares of Tenneco Inc. stock to be added to the Alfred and Nellie King Graduate Fellowship	5,753.23
27 Dean and Mrs. George Kozmetsky 1001 West 17th Street Austin, Texas 78701	College of Business Administration Contribution of proceeds from sale of 1,500 shares of Teledyne Inc. stock to establish the George M. Kozmetsky Memorial Scholarship Fund (approved for acceptance by Board of Regents at meeting of January 26, 1973)	31,500.00
28 * Latin American Scholarship Program of American Universities, Inc. 25 Mt. Auburn Street Cambridge, Massachusetts	International Office Continuation of regular support to provide scholarships for foreign students	12,320.00
29 Marathon Oil Company Fred G. Knight Associate Research Director P. O. Box 269 Littleton, Colorado 80122	College of Engineering Contribution to the Department of Petroleum Engineering for the Rock Mechanics Research Program	15,000.00
30 Mason-Johnston & Associates, Inc. 2111 Yorktown Dallas, Texas 75208	College of Engineering Memorandum of Agreement with Bureau of Engineering Research and Department of Civil Engineering for study on seismic analysis of earth dams	10,538.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
31 * Mobil Research and Development Corp. Nathan Stein P. O. Box 900 Dallas, Texas 75221	College of Engineering Contribution to the Department of Petroleum Engineering for the Rock Mechanics Research Program	\$15,000.00
32 Mr. and Mrs. Glenn G. Mortimer, Jr. Milam Building San Antonio, Texas 78205	College of Business Administration Gift of 600 shares of Sabine Royalty Corporation stock to establish an endowed fund, the "Betty and Glenn Mortimer Student-Faculty Excellence Fund" (approved for acceptance at the January 26, 1973 meeting of the Board of Regents)	24,328.75
33 Peat, Marwick, Mitchell & Company E. W. Tankersley, Partner Austin National Bank Building Austin, Texas 78701	College of Business Administration Contribution to the Department of Accounting, as follows: Peat, Marwick, Mitchell & Co. Tax Library, \$1,200 C. Aubrey Smith Professorship Fund, 1,500 Accounting Faculty Requirements, 2,800	5,500.00
34 * Rockwell Fund, Inc. Henry M. Rockwell P. O. Box 52548 Houston, Texas 77052	U. T. Austin Contribution to be added to the James M. Rockwell and Sarah Wade Rockwell Endowment Fund	25,000.00
35 Edward M. Rosenthal, Vice-Chairman, Board of Directors Warner Communications, Inc. 10 Rockefeller Plaza New York, New York 10020	Lyndon Baines Johnson School of Public Affairs Contribution of 220 shares of Warner Communications, Inc. for National Urban League Fellowships	6,142.92
36 * Estate of Tom Slick, Deceased	Lyndon Baines Johnson School of Public Affairs Bequest to establish the Distinguished Visiting Tom Slick Professorship of World Peace (accepted by the Board of Regents at meeting of July 21, 1972)	750,000.00 (estimated)
37 Sun Oil Company Sidney C. Pitzer Manager, Research P. O. Box 936 Richardson, Texas 75080	College of Engineering Contribution to the Department of Petroleum Engineering for the Rock Mechanics Research Program	15,000.00

\$445  
 \* 1000

DONOR	PURPOSE AND CONDITIONS	AMOUNT
38 Jack G. Taylor 3421 Monte Vista Drive Austin, Texas 78731	College of Business Administration Proceeds from sale of 70 shares of Coca-Cola stock for the benefit of the Jack G. Taylor Endowment Fund	\$10,161.26
39 Tenneco Foundation George H. Meason President Tenneco Oil Company P. O. Box 2511 Houston, Texas 77001	College of Engineering Contribution to the Industrial Associates Program	10,000.00
40 Texas Interscholastic League Foundation R. J. Kidd, Secretary P. O. Box 8028 Austin, Texas 78712	U. T. Austin Contribution to provide scholarships for numerous designated students	23,387.50
41 Texas Research Foundation Sol Goodell, Special Counsel 2522 Republic National Bank Building Dallas, Texas 75201	College of Natural Sciences Contribution to the Department of Botany to provide funds for making a survey of natural vegetation of the southwest United States, Mexico, and Central America and cataloging their plant resources (accepted by Board of Regents at meeting of December 8, 1972)	60,000.00
42 The Tinker Foundation Miss Martha T. Muse President and Executive Director 645 Madison Avenue New York, New York 10022	Humanities Research Center Contribution to provide funds for the benefit of the Edward Larocque Tinker Library and Hall of the Horsemen of the Americas	5,000.00
43 C. T. Wells Gulf Interstate Company P. O. Box 1916 Houston, Texas 77001	College of Engineering Contribution of Chem Systems Inc. debentures to be added to the C. T. Wells Fund	85,200.00

The following nonmonetary gifts have also been received:

44 *W. H. Crain 2511 San Gabriel Austin, Texas 78705	Humanities Research Center Contributions to the Hoblitzelle Theatre Arts Library, as follows:	
	Two theatrical prints,	150.00**
	Six ballerina prints and four prints of Madame Ristori,	182.00**
	An original drawing of Madame Ristori,	30.00**

DONOR	PURPOSE AND CONDITIONS	AMOUNT
45 * Carlton Lake 393 Heath Street Chestnut Hill, Massachusetts 02167	Humanities Research Center Gift of a large collection of autograph manuscripts by Remy de Gourmont, enclosed in leather cases	\$19,500.00**
46 Freeman Lewis Wolver Hollow Road Glen Head, New York 11545	Humanities Research Center Gift of seven typewritten letters signed by Erle Stanley Gardner to be added to the Gardner Collection	650.00**
47 * Mr. & Mrs. J. A. R. Moseley 4804 Alan Dale Lane Dallas, Texas 75209	Humanities Research Center Gift of an oil painting by Julian Onderdonk entitled "Bandera Sunset" in hand- carved wood frame made by Peter Mansbendel	34,500.00**
48 * Mrs. J. A. R. Moseley 4804 Alan Dale Lane Dallas, Texas 75209	Humanities Research Center Two small pen and ink drawings by John William Thomason, Jr.	2,500.00**
49 Miss Frances L. Phillips 87 Bedford Street New York, New York 10014	Humanities Research Center Gift of a large collection of autograph and typewritten (signed) letters from C. S. Forester to Miss Phillips	15,000.00**
50 * Yarnell Richie P. O. Box 750 Dallas, Texas 75221	Humanities Research Center Gift of two aerial cameras to be added to the Photography Collection	325.00**
51 Mr. and Mrs. J. E. Smith 1801 Lavaca Austin, Texas 78701	Humanities Research Center Gift of an antique rosewood Knabe piano for the Hoblitzelle Theatre Arts Library	3,250.00**
52 * Oliver Weldon 146 Rock Road Boosterstown Dublin, Ireland	Humanities Research Center Gift of two typescripts of a play, <u>The Grand House in the City</u> , written by Mr. Weldon's father, Brinsley MacNamara, together with the program for the first performance of a play at the Abbey Theatre in 1936	1,500.00**
53 * William C. Whitridge Stevenson, Maryland 21153	Humanities Research Center Gift of an original oil painting by Henry Raschen to be hung in the Moseley Room	6,250.00**





TRAVEL FOR FACULTY AND STAFF. The following trips are reported in accordance with Section 12 of the Budget Rules and Procedures for 1972-73 when expenses are paid from funds not specifically designated for travel; and in accordance with Section 13.33 of Chapter III of Part Two of the Rules and Regulations of the Board of Regents for the Government of The University of Texas when the absence is for a longer period than twenty-nine days.

1. Richard L. Dodge, Assistant Professor of Architecture, from March 18, 1973 to March 23, 1973, to Yosemite National Park, California, to attend as a delegate the Teachers' Seminar of the American Institute of Architects/Association of Collegiate Schools of Architecture. Expenses in the approximate amount of \$210.00 to be paid from Development Fund.
2. Kelly R. McAdams, Assistant Professor of Architecture, from April 11, 1973 to April 13, 1973, to Madison, Wisconsin, to attend workshop-seminar for Developing Successful Construction Details for Effective Working Drawings at Madison, by the Department of Engineering, University of Wisconsin-Extension. Expenses in the approximate amount of \$332.00 to be paid from Development Fund.
3. Edwin B. Allaire, Professor of Philosophy, from March 29, 1973 to March 31, 1973, to Seattle, Washington, to present a paper at a meeting of the American Philosophical Association. Expenses in the approximate amount of \$250.00 are to be charged, \$59.00 to Travel Fund and \$191.00 to Academic Development Fund (Philosophy).
4. Douglas Browning, Professor of Philosophy, from March 16, 1973 to March 17, 1973, to New Orleans, Louisiana, to represent Philosophy Department at the American Metaphysical Society, and to direct placement of graduate students and interview prospective faculty for the Department. Expenses in the approximate amount of \$84.00 to be paid from Academic Development Fund (Philosophy).
5. Douglas Browning, Professor of Philosophy, from April 26, 1973 to April 28, 1973, to Chicago, Illinois, to represent the Department of Philosophy at the meetings of the American Philosophical Association, to direct placement of graduate students and interview prospective faculty for the Department. Expenses in the approximate amount of \$259.00 to be paid from Academic Development Fund (Philosophy).
6. Francis Bulhof, Associate Professor of Germanic Languages, from April 9, 1973 to April 13, 1973, to Durham, New Hampshire, to attend a conference at the University of New Hampshire to lead a panel discussion on the initiation and design of programs in the language and culture of the Low Countries. Expenses in the approximate amount of \$330.00 to be paid from the Dean's Academic Development Fund.
7. Bernard Gendron, Assistant Professor of Philosophy, from April 26, 1973 to April 28, 1973, to Chicago, Illinois, to present a paper at the American Philosophical Association meeting. Expenses in the approximate amount of \$154.00 to be paid from Academic Development Fund (Philosophy).
8. Gerhard C. Gerhardi, Assistant Professor of French-Italian, from March 28, 1973 to April 1, 1973, to London, Ontario, Canada, to attend an international conference entitled "Colloque 73: Flaubert" at the University of Western Ontario. Expenses in the approximate amount of \$264.00 to be paid from French-Italian Program Development Fund.

9. Maxine C. Hairston, Assistant Professor of English, from March 16, 1973 to March 17, 1973, to Dallas, Texas, to attend Conference of College Teachers of English and Texas Directors of Freshman English, regarding methods and material for teaching composition to disadvantaged students. Expenses in the approximate amount of \$63.80 to be paid from the English Department Program Development Fund.
10. Svatava P. Jakobson, Professor of Slavic Languages, March 10, 1973 only, to Houston, Texas, to attend the annual meeting of The Association of Language Teachers in Texas. Expenses in the approximate amount of \$48.00 to be paid from Academic Development Fund.
11. Irwin C. Lieb, Professor of Philosophy, from March 16, 1973 to March 17, 1973, to New Orleans, Louisiana, to attend the meeting of the Metaphysical Society of America. Expenses in the approximate amount of \$84.00 to be paid from the Academic Development Fund (Philosophy).
12. Marta Lujan, Assistant Professor of Spanish & Portuguese, from March 28, 1973 to April 1, 1973, to Bloomington, Indiana, to present a paper at the Third Linguistic Symposium on Romance Languages. Expenses in the approximate amount of \$190.00 to be paid from URI project SRF-503.
13. Maurine D. McElroy, Associate Professor of English, from March 27, 1973 to March 29, 1973, to Houston, Texas, to attend the meeting of the South-Central Renaissance Conference. Expenses in the approximate amount of \$105.00 to be paid from English Department Program Development Fund.
14. Robert Neill Megaw, Professor of English, February 16, 1973 to February 17, 1973, to Miami, Florida, to attend the National Council of Teachers of English, S. E. Conference at the Miami-Dade Junior College. Expenses in the approximate amount of \$224.00 to be paid from the English Department Program Development Fund.
15. David L. Miller, Professor of Philosophy, from April 26, 1973 to April 28, 1973, to Chicago, Illinois, to represent the Department of Philosophy at the meetings of the American Philosophical Association and to assist Chairman in placement of graduate students and interviews of prospective faculty for the Department. Expenses in the approximate amount of \$148.00 to be paid from Academic Development Fund (Philosophy).
16. Eisig Silberschlag, Visiting Professor of Oriental & African Languages & Literatures, from March 1, 1973 to March 4, 1973, to New York City, New York, to study possible acquisition of private collections of Hebraica for the development of the Hebrew Studies Program. Expenses in the approximate amount of \$238.00 to be paid from the College of Humanities Academic Development Funds.
17. Anthony Joseph Stautzenberger, Assistant Director, Language Laboratory, January 23, 1973 only, to Houston, Texas, to attend the 1973 National Audio-Visual Exhibit in order to gain information regarding the best equipment available for the funds provided the Language Laboratory. Expenses in the approximate amount of \$55.00 to be paid from MO&E account.

18. Betty N. Weber, Instructor in Germanic Languages, from December 26, 1972 to December 30, 1972, to New York, New York, to aid the chairman with the interviews of approximately twenty applicants for an assistant professor position in the department. Expenses in the approximate amount of \$105.00 are to be paid from the Academic Development Fund.
19. A. Leslie Willson, Professor, Chairman of Germanic Languages, from March 9, 1973 to March 10, 1973, to Louisville, Kentucky, to present a lecture at the Conference on Twentieth Century Literature at the University of Louisville. Expenses in the approximate amount of \$227.00 are to be paid from SRF-430(Willson)(DIMENSION).
20. A. Leslie Willson, Professor, Chairman of Germanic Languages, from March 23, 1973 to March 24, 1973, to Commerce, Texas, to represent The University of Texas at Austin and the Department of Germanic Languages at the annual meeting of the Texas Association of German Students as well as to present the TAGS award to Professor W. F. Michael. Expenses in the approximate amount of \$96.00 to be paid from Academic Development, Germanic Languages.
21. Aaron Bar-Adon, Professor of Linguistics and DOALL, from November 12, 1972 to November 15, 1972, to College Park, Maryland, to participate in the Annual Conference of the Association of Jewish Studies and recruit prospective faculty, and to search for materials in the Library of Congress, Washington, D.C. The amount of approximate expenses is to be amended to read \$325.00 to be paid from Dean's Office, Humanities Academic Development Funds.
22. Edward I. Steinhart, Assistant Professor of History, from February 22, 1973 to February 23, 1973, to Houston, Texas, to attend conference and participate in panel on "The Role of Foreign Investment and U. S. Business in Southern Africa." Expenses in the approximate amount of \$51.00 to be paid from the African & Afro-American Research Institute Fund.
23. Klaus Bichteler, Associate Professor of Mathematics, March 22, 1973 only, to Fort Worth, Texas, to lecture as part of the Mathematics Speaker's Panel and for educational consultation at Texas Christian University. Expenses in the approximate amount of \$56.00 to be paid from Mathematics Academic Development Fund.
24. Michael Owen Dillon, Teaching Assistant in Botany, from January 13, 1973 to March 5, 1973, to Peru, Chile, and Argentina, to make collections of flourensia for phytochemical, cytological, and morphological analysis. Expenses in the approximate amount of \$1,100.00 to be paid from NSF GB 37006.
25. Leonard Gillman, Professor and Chairman of Mathematics, from March 6, 1973 to March 7, 1973, to Abilene, Texas, to lecture as part of the University of Texas Mathematic Speaker's Panel. Expenses in the approximate amount of \$82.00 to be paid from Mathematics Academic Development Fund.

26. Leonard Gillman, Professor and Chairman of Mathematics, from March 8, 1973 to March 14, 1973, to El Paso, Texas and Los Angeles, California, to lecture as part of the Mathematics Speaker's Panel at The University of Texas at El Paso, University of California at Los Angeles and Stanford University, and to recruit for The University of Texas at Austin from the University of California at Berkeley. Expenses in the approximate amount of \$495.00 to be paid from the Mathematics Academic Development Fund and Mathematics Travel Account.
27. Leonard Gillman, Professor and Chairman of Mathematics, from March 18, 1973 to March 20, 1973, to Laredo, Texas and Seguin, Texas, to lecture as part of The University of Texas Mathematics Speaker's Fund at Laredo Jr. College and Texas Lutheran College. Expenses in the approximate amount of \$108.00 to be paid from Mathematics Academic Development Fund.
28. Robert E. Greenwood, Professor of Mathematics, from March 8, 1973 to March 10, 1973, to Plainview, Texas, to lecture as part of the UT Mathematics Speaker's Panel at Wayland Baptist College. Expenses in the approximate amount of \$158.00 to be paid from Mathematics Academic Development Fund.
29. Robert E. Greenwood, Professor of Mathematics, March 17, 1973 only, to Houston, Texas, to lecture as part of the UT Mathematics Speaker's Panel. Expenses in the approximate amount of \$46.00 to be paid from Mathematics Academic Development Fund.
30. W. Holsztynski, Assistant Professor of Mathematics, from March 21, 1973 to March 24, 1973, to Blacksburg, Virginia, to attend the Topology Conference at Virginia Polytechnical Institute and State University to give a lecture. Expenses in the approximate amount of \$235.00 to be paid from Mathematics Academic Development Fund.
31. C. W. Horton, Jr., Associate Professor and Research Scientist in the Center for Plasma Physics & Thermonuclear Research, from March 22, 1973 to September 4, 1973, to Paris, France; Munich, West Germany; Innsbruck, Austria; and Moscow, USSR, to be an Exchange Professor with the Max-Planck Institute, Munich, West Germany; and to attend discussions at the Ecole Polytechnique Institute, Paris, France; give invited paper at the International Congress on Waves and Instabilities in Plasmas at Innsbruck, Austria; and to present paper at VI European Conference on Fusion & Plasmas in Moscow, USSR. Expenses in the approximate amount of \$1,417.60 to be paid from EEI-Travel.
32. James W. Vick, Assistant Professor of Mathematics, from March 21, 1973 to March 24, 1973, to Blacksburg, Virginia, to attend and participate in the Topology Conference at Virginia Polytechnic Institute and State University, to give lecture. Expenses in the approximate amount of \$365.00 to be paid from Mathematics Academic Development Fund.
33. George Kozmetsky, Dean of College of Business Administration, from March 6, 1973 to March 7, 1973, to Los Angeles, California, El Paso, Texas, and Washington, D. C., to attend business meetings in Los Angeles and El Paso, and to meet with Senator Bentsen, Congressman Pickle, Dr. Stephen Gage, and Mr. Frank Ikard, and the deputy director of NSF in Washington regarding matters concerning Energy Research Group. Expenses in the approximate amount of \$324.00 to be paid from Energy Research Group Fund.

34. Heather L. Carter, Associate Professor of Curriculum and Instruction, from May 3, 1973 to June 5, 1973, to Penang, Malaysia, to serve as consultant for Agency for International Development in establishing research centers for elementary science and mathematics. There will be no expenses to the University.
35. O. L. Davis, Jr., Professor of Curriculum and Instruction, from February 26, 1973 to March 1, 1973, to New Orleans, Louisiana, to attend AERA Convention. Expenses in the approximate amount of \$150.00 to be paid from Curriculum and Instruction Department; College-wide Development Fund.
36. O. L. Davis, Jr., Professor of Curriculum and Instruction, from March 15, 1973 to March 22, 1973, to Minneapolis, Minnesota, to attend ASCD Conference. Expenses in the approximate amount of \$200.00 to be paid from Curriculum and Instruction Department; College-wide Development Fund.
37. James Stephen Hazlett, Assistant Professor of Education, from March 25, 1973 to March 26, 1973, to San Antonio, to attend the College of Education Committee meeting on Teacher Education and the convention of the Comparative and International Education Society. Expenses in the approximate amount of \$35.60 to be paid from the College-wide Development Fund (Office of Dean of Education).
38. W. R. Hudson, Associate Professor of Civil Engineering, February 15, 1973 only, to Washington, D. C., to negotiate University Research Program Contract with the Department of Transportation. Expenses in the approximate amount of \$231.00 to be paid from Council for Advanced Transportation Studies Fund.
39. W. R. Hudson, Associate Professor of Civil Engineering, March 6, 1973 only, to Dallas, Texas, to take Mr. Charles Blake, Airport Systems Research Engineer, Federal Aviation Administration, Washington, D. C., to Dallas to see the new Dallas-Fort Worth Regional Airport. Expenses in the approximate amount of \$83.00 to be paid from Council for Advanced Transportation Studies (Academic Development Fund).
40. John H. Vanston, Instructor in Mechanical Engineering, from February 19, 1973 to February 26, 1973, to Boston, Massachusetts, Princeton, New Jersey, and Washington, D. C., to gather data for research project for Nuclear Reactor Laboratory and to make presentation at the Ford Foundation and National Science Foundation on a proposal for a two-year study on Energy Systems in the U. S. to be done at U. T. Austin. Expenses in the approximate amount of \$568.00 to be paid from TAERF (OE) and Academic Development Fund (Energy Systems).
41. C. Michael Walton, Assistant Professor of Civil Engineering, from January 21, 1973 to January 26, 1973, to Washington, D. C., to attend the annual meeting of the Highway Research Board. Expenses in the approximate amount of \$371.00 to be paid, \$196.00 from Engineering Foundation Faculty Travel and \$175.00 from CATS Academic Development Fund.

42. C. Michael Walton, Assistant Professor of Civil Engineering, from February 14, 1973 to February 15, 1973, to Washington, D. C., to negotiate the award of the Department of Transportation grant to The University of Texas Council for Advanced Transportation Studies as a national university research center in transportation. Expenses in the approximate amount of \$231.00 to be paid from Council for Advanced Transportation Studies Fund.
43. Herbert H. Woodson, Professor and Chairman of Electrical Engineering Department, from January 28, 1973 to February 2, 1973, to New York, New York, to attend Winter Power Meeting of Institute of Electrical and Electronic Engineers. Expenses in the approximate amount of \$451.00 to be paid, \$216.00 from the Academic Development Fund and \$235.00 from the Edison Electric Institute Fund.
44. David L. Deming, Assistant Professor of Art, March 12, 1973 only, to Fort Worth, Texas, to purchase equipment for development of sculpture program. Expenses in the approximate amount of \$54.00 to be paid from College-wide Development Fund.
45. Ralph White, Acting Chairman of Art, from February 23, 1973 to February 25, 1973, to Fort Worth, Texas, to attend meeting of the Fine Arts Advisory Council. Expenses in the approximate amount of \$86.00 to be paid from College-wide Development Fund.
46. Donald J. Blashill, Associate Professor of Social Work, from February 25, 1973 to March 1, 1973, to San Francisco, California, to attend the annual Council of Social Work Education. Expenses in the approximate amount of \$321.00 to be paid from Academic Development Fund.
47. Ronald Bounous, Professor of Social Work, from February 25, 1973 to February 28, 1973, to San Francisco, California, to attend Council on Social Work Education annual meeting. Expenses in the approximate amount of \$321.00 to be paid from Academic Development Fund.
48. Chester Chiles, Associate Professor of Social Work, from March 28, 1973 to March 31, 1973, to Cleveland, Ohio, to attend Council on Social Work Education curriculum development on drug abuse project meeting. Expenses in the approximate amount of \$321.00 to be paid from Academic Development Fund.
49. Charlotte Clarke, Assistant Professor of Social Work, from February 25, 1973 to February 28, 1973, to San Francisco, California, to attend Council on Social Work Education annual meeting. Expenses in the approximate amount of \$321.00 to be paid from Academic Development Fund.
50. Dolph Hess, Professor of Social Work, from February 25, 1973 to February 28, 1973, to San Francisco, California, to consult with representatives of other graduate programs in social work at the Council on Social Work Education annual meeting. Expenses in the approximate amount of \$321.00 to be paid from Academic Development Fund.
51. William Hill, Professor of Social Work, from February 25, 1973 to February 28, 1973, to San Francisco, California, to attend Council on Social Work Education annual meeting. Expenses in the approximate amount of \$321.00 to be paid from Academic Development Fund.

52. Jared Hazleton, Associate Professor in the LBJ School, from February 25, 1973 to February 26, 1973, to Lubbock, Texas, to attend joint conference between representatives from Texas Tech and UT Austin to explore possibilities of joint research effort. Expenses in the approximate amount of \$102.00 to be paid from Center for Resources Environment Studies; West Texas Development Fund.

53. Edward Eugene White, Programmer Analyst III, Data Processing Division, from March 20, 1973 to March 22, 1973, to Phoenix, Arizona, Dallas, Texas, and Little Rock, Arkansas, to travel with Mr. Ed Carpenter, Director of Student Financial Aids, to participate in a Student Financial Aids and Data Processing Division workshop sponsored by ACT. Expenses in the approximate amount of \$315.00 to be paid from Development of Student Services, Student Financial Aids.

USE OF TEXTBOOKS WRITTEN BY FACULTY. In accordance with Chapter III, Section 24 of Part One of the Regents' Rules and Regulations for the Government of The University of Texas, I recommend approval of the use of the following faculty authored books as textbooks for the 1972-73 fiscal year.

\*Indicates these books have not been previously used at the University.

<u>Title</u>	<u>Author</u>	<u>Cost to student</u>	<u>Royalty per volume per author</u>
Urban Politics and Public Policy	Robert L. Lineberry	\$ 5.95	\$ .20
The Constitution and the Supreme Court	Wallace Mendelson	13.50	1.35
A Theory of Discourse	James Kinneavy	9.95	1.00
Diagnostic Reading Instruction in the Elementary School	Frank J. Guszak	5.95	.70
The Comprehensive Junior College Curriculum	James W. Reynolds	8.50	1.19
*Looking in Classrooms	Thomas L. Good and <u>Jere E. Brophy</u>	4.95	7% of gross
Supervising Clinical Experiences in the Classroom	William A. Bennie	7.50	10%

F

GRADUATE FACULTY MEMBERSHIP. I recommend approval of the appointment of the following to membership in the Graduate Faculty, all of whom have been nominated by their graduate school committees, and the names submitted by Dean Archie W. Straiton, Acting Dean of the Graduate School.

COLLEGE OF HUMANITIES

Department of Philosophy

Associate Professor Robert L. Causey

COLLEGE OF NATURAL SCIENCES

Department of Geological Sciences

Lecturer Wann Langston, Jr.

Department of Mathematics

Associate Professor Efraim P. Armendariz

Associate Professor Hubert Berens

Associate Professor William T. Eaton

Department of Physics

Professor R. B. Bernstein

COLLEGE OF EDUCATION

Department of Curriculum and Instruction

Associate Professor L. Ray Carry

Associate Professor Heather Lilian Carter

COLLEGE OF ENGINEERING

Department of Aerospace Engineering

Associate Professor Richard R. Ensminger

COLLEGE OF FINE ARTS

Department of Drama

Professor Peter T. Garvie

COLLEGE OF PHARMACY

Department of Pharmacy

Professor James T. Doluisio

Associate Professor Victor A. Yanchick



A

RICHARD N. LANE SCHOLARSHIP FUND. Friends of Richard N. Lane, founder of Tracor Inc., have transmitted to The University of Texas at Austin the sum of \$20,000.00 to establish an endowed graduate scholarship in the Department of Physics, of the College of Natural Sciences, and in accordance with the Rules and Regulations of the Board of Regents and The University of Texas at Austin as they apply to the management of such funds.

GIFT FROM ARGENTINIAN AMBASSADOR OF BRONZE BUST OF FORMER PRESIDENT SARMIENTO. Ambassador Carlos Muniz has presented to The University of Texas at Austin a bronze bust of former President Sarmiento who was known as the Educator President in 19th Century Argentina and who introduced the Lancastrian system of education in Argentina. This beautiful work of art mounted on a marble base is being given to the University with the understanding that it be placed on an appropriate site near the Institute of Latin American Studies outside Sid Richardson Hall.

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The UNIVERSITY of TEXAS at AUSTIN  
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GRANTS, CONTRACTS, and AGREEMENTS—(NON-GOVERNMENTAL):

1. Grant F-042, by which The Robert A. Welch Foundation, Houston, Texas, provides \$30,000 for support of research entitled, "Mechanisms of Ozonation of Organic Compounds." The grant is effective for the period May 1, 1973 through April 30, 1975, and the research will be under the direction of Dr. Philip S. Bailey, Professor of Chemistry.
2. Grant F-374, by which The Robert A. Welch Foundation, Houston, Texas, provides \$15,000 for support of research entitled, "Spectroscopic Studies of Transition Metal Complexes." The grant is effective for the period May 1, 1973 through April 30, 1974, and the research will be under the direction of Dr. Clifford A. L. Baker, Assistant Professor of Chemistry.
3. Grant F-379, by which The Robert A. Welch Foundation, Houston, Texas, provides \$45,000 for support of research entitled, "Atomic and Molecular Processes." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. J. C. Browne, Professor of Computer Sciences and of Physics.
4. Grant F-135, by which The Robert A. Welch Foundation, Houston, Texas, provides \$60,000 for support of research entitled, "The Structures and Chemical Behavior of Novel Non-Metal Compounds." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. Alan H. Cowley, Professor of Chemistry.
5. Grant F-233, by which The Robert A. Welch Foundation, Houston, Texas, provides \$45,000 for support of research entitled, "Structure Studies of Organic and Organometallic Compounds." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. Raymond E. Davis, Associate Professor of Chemistry.
6. Grant F-534, by which The Robert A. Welch Foundation, Houston, Texas, provides \$36,000 for support of research entitled, "Electron Scattering from Alkali Halides Vapors." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. M. Fink, Associate Professor of Physics.
7. Grant F-535, by which The Robert A. Welch Foundation, Houston, Texas, provides \$36,000 for support of research entitled, "Kinetics of Intercalation Reactions." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. George Ernest Fredericks, Assistant Professor of Physics.
8. Grant F-104, by which The Robert A. Welch Foundation, Houston, Texas, provides \$45,000 for support of research entitled, "Chemical Kinetics Studies." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. W. C. Gardiner, Jr., Professor of Chemistry.
9. Grant F-204, by which The Robert A. Welch Foundation, Houston, Texas, provides \$15,000 for support of research entitled, "Photofragmentation of Alkylidenecyclopropanes." The grant is effective for the period May 1, 1973 through April 30, 1974, and the research will be under the direction of Dr. John C. Gilbert, Associate Professor of Chemistry.

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(Cont'd)

GRANTS, CONTRACTS, and AGREEMENTS --(NON-GOVERNMENTAL):

10. Grant F-537, by which The Robert A. Welch Foundation, Houston, Texas, provides \$36,000 for support of research entitled, "Calorimetry of Cell Cultures." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. Neil David Jespersen, Assistant Professor of Chemistry.
11. Grant F-130, by which The Robert A. Welch Foundation, Houston, Texas, provides \$60,000 for support of research entitled, "The Chemistry and Biochemistry of Terpenoids and Phenolics." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. Tom Mabry, Professor of Botany.
12. Grant F-209, by which The Robert A. Welch Foundation, Houston, Texas, provides \$24,000 for support of research entitled, "Chemical Basis of Immunoglobulin Variability." The grant is effective for the period May 1, 1973 through April 30, 1975, and the research will be under the direction of Dr. William J. Mandy, Associate Professor of Microbiology.
13. Grant F-041, by which The Robert A. Welch Foundation, Houston, Texas, provides \$30,000 for support of research entitled, "Magnetic Resonance of Metal Ion Solutions and Compounds." The grant is effective for the period May 1, 1973 through April 30, 1975, and the research will be under the direction of Dr. L. O. Morgan, Professor of Chemistry and Education.
14. Grant F-144, by which The Robert A. Welch Foundation, Houston, Texas, provides \$15,000 for support of research entitled, "The Role of Triplet States in Photochemical Reactions." The grant is effective for the period May 1, 1973 through April 30, 1974, and the research will be under the direction of Dr. W. Albert Noyes, Jr., Ashbel Smith Professor of Chemistry.
15. Grant F-266, by which The Robert A. Welch Foundation, Houston, Texas, provides \$12,000 for support of research entitled, "A Chemical Basis for Arbovirus Classification." The grant is effective for the period May 1, 1973 through April 30, 1974, and the research will be under the direction of Dr. Bernard P. Sagik, Professor of Microbiology.
16. Grant F-408, by which The Robert A. Welch Foundation, Houston, Texas, provides \$36,000 for support of research entitled, "Structure and Function of IgG Heavy Chains." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. Bob G. Sanders, Associate Professor of Zoology.
17. Grant F-017, by which The Robert A. Welch Foundation, Houston, Texas, provides \$60,000 for support of research entitled, "Investigation of the Crystal Structures of Some Organic and Inorganic Compounds." The grant is effective for the period May 1, 1973, through April 30, 1976, and the research will be under the direction of Dr. S. H. Simonsen, Professor of Chemistry.
18. Grant F-273, by which The Robert A. Welch Foundation, Houston, Texas, provides \$60,000 for support of research entitled, "Solid State Chemistry of Chalcogens and Alkaline Earth-Transition." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. Hugo Steinfink, Professor of Chemical Engineering.

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(Cont'd)

GRANTS, CONTRACTS, and AGREEMENTS — (NON-GOVERNMENTAL):

19. Grant F-345, by which The Robert A. Welch Foundation, Houston, Texas, provides \$10,000 for support of research entitled, "Pentalenes: New Synthetic Approaches and Uses in Natural Product Synthesis." The grant is effective for the period May 1, 1973 through April 30, 1974, and the research will be under the direction of Dr. Philip L. Stotter, Assistant Professor of Chemistry.
20. Grant F-346, by which The Robert A. Welch Foundation, Houston, Texas, provides \$15,000 for support of research entitled, "The Structure of Transferrin." The grant is effective for the period May 1, 1973 through April 30, 1974, and the research will be under the direction of Dr. H. Eldon Sutton, Professor of Zoology.
21. Grant F-350, by which The Robert A. Welch Foundation, Houston, Texas, provides \$45,000 for support of research entitled, "The Chemical Basis of Membrane Assembly and Turnover." The grant is effective for the period May 1, 1973 through April 30, 1976, and the research will be under the direction of Dr. Guy A. Thompson, Associate Professor of Botany.
22. Grant F-370, by which The Robert A. Welch Foundation, Houston, Texas, provides \$30,000 for support of research entitled, "New Experiments in Pulsed Nuclear Magnetic Resonance." The grant is effective for the period May 1, 1973 through April 30, 1975, and the research will be under the direction of Dr. Charles G. Wade, Assistant Professor of Chemistry.
23. Supplemental Grant F-104-1-197, by which The Robert A. Welch Foundation, Houston, Texas, provides \$5,000 for support of research entitled, "Chemical Kinetics Studies." The grant is effective for the period May 1, 1972 through April 30, 1973, and the research will be under the direction of Dr. W. C. Gardiner, Professor of Chemistry.
24. Grant No. 730-0112, by which The Ford Foundation, New York, New York, provides \$250,000 for general support of the public policy and research training program at the Lyndon B. Johnson School of Public Affairs. The grant is effective for three years beginning June 1, 1973, and the program will be under the direction of Dr. John A. Gronouski, Dean, Lyndon B. Johnson School of Public Affairs, and Dr. Alexander L. Clark, Associate Dean, Lyndon B. Johnson School of Public Affairs.
25. Amendment Letter (dated 5 January 1973) to Contract GU 848-4, by which the Gulf Universities Research Consortium (GURC), Galveston, Texas, provides for no-cost extension of the contract through March 1, 1973. The project to compile a comprehensive catalog of investigative programs conducted at the Mississippi Test Facility during the Saturn-Apollo static test firing continues under the direction of Dr. Carl Oppenheimer, Professor of Microbiology, and Director of the Marine Science Institute at Port Aransas.
26. Contract GU 843-3, with Modification letter dated 2 March 1973, by which Gulf Universities Research Consortium (GURC), Galveston, Texas, formalizes prior telegraphic award of November 17, 1972, and provides \$45,000 for support of research entitled, "Acoustic Propagation in the Cayman Trough," for the period November 20, 1972 through September 20, 1973. The research will be performed by Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

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GRANTS, CONTRACTS, and AGREEMENTS--(NON-GOVERNMENTAL):

27. Check No. 57555, by which the Population Research Institute, Southwest Foundation for Research and Education, San Antonio, Texas, provides \$19,250 for support of continuing research entitled, "Regulation by Estrogen of RNA Synthesis and of Ribosome Formation and Function in the Uterus," for a period beginning February 1, 1973. The research is under the direction of Dr. Terrell H. Hamilton, Professor of Zoology.

28. Grant No. 6859, by which Research Corporation, New York, New York, provides \$5,240 for support of research entitled, "An Axial Beta-Ray Spectrometer for the Measurement of In-Beam Internal Conversion Electrons," for a period beginning March 1, 1973. The research will be under the direction of Dr. G. W. Hoffmann, Assistant Professor of Physics.

29. Letter of Award dated January 22, 1973, by which Williams Brothers Engineering Company, Resource Sciences Center, Tulsa, Oklahoma, provides \$4,236.20 for support of a survey entitled, "An Archeological Reconnaissance of Areas to be Affected by the Proposed Trinidad Liquefied Natural Gas Project, San Patricio County, Texas." The award is effective for the period January 15, 1973, through March 1, 1973, and the survey will be under the direction of David S. Dibble, Acting Director, Texas Archeological Salvage Project.

30. Loan Agreement dated January 31, 1973, between The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, Baton Rouge, Louisiana, and The University of Texas at Austin, by which LSU agrees to lend UT-Austin 3000 micrograms of californium 252 for the period ending January 1975. The material is for use in conjunction with Navy Contract N00014-67-A-0126-0012 under the direction of Dr. C. Fred Moore, Professor of Physics, and Dr. Gerald Hoffmann, Assistant Professor of Physics.

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GRANTS, CONTRACTS and AGREEMENTS - (STATE):

1. Revised Contract No. 38145 by which the Texas Education Agency, Department of Occupational Education and Technology, Austin, Texas, provides \$2,623 additional funds for a new total of \$10,813 and extends the period of the contract through May 31, 1973. The research entitled, "A Comparative Study of the Occupational Achievement of Vocational and Non-Vocational High School Graduates in Texas," continues under the direction of Dr. John A. Laska, Associate Professor of Cultural Foundations of Education.
2. Interagency Cooperation Contract No. IAC (72-73)-211, Amendment No. 1, between The University of Texas at Austin (School of Architecture) and the Texas Department of Community Affairs, signed by Vice President James H. Colvin, to modify Attachment "A" and to change the expiration date from May 31, 1972 to August 31, 1972. This amendment shall become effective on the date of approval by the State Board of Control. All other terms and conditions not hereby amended are to remain in full force and effect.
3. Intergovernmental Cooperation Contract, between The University of Texas at Austin (Bureau of Economic Geology) and the Capital Area Planning Council (CAPCO), signed by Vice President James H. Colvin, whereby the University agrees to perform various services in connection with the project of the Capital Area Planning Council under Comprehensive Planning Grant-Contract No. CPA-TX-06-59-1017. Contract is effective as of January 25, 1973; termination date will be determined by fifteen day prior written notice. Total amount not to exceed \$15,000.00.
4. Interagency Cooperation Contract No. IAC (72-73)-1069, between The University of Texas at Austin (Computation Center) and the State Department of Public Welfare, signed by Vice President James H. Colvin, whereby the University will furnish keypunching services of the Computation Center. The contract is from February 2, 1973 through August 31, 1973. Total amount not to exceed \$4,100.00.
5. Interagency Cooperation Contract No. IAC (72-73)-1077, between The University of Texas at Austin (Division of Extension) and the Texas Highway Department, signed by Vice President James H. Colvin, whereby the University agrees to furnish the necessary educational facilities for Mr. Larry G. Walker to attend the Engineering Project Investment Analysis Program which will be conducted at the Joe C. Thompson Conference Center. The contract period is from February 19, 1973 through February 21, 1973. Total amount not to exceed \$150.00.
6. Interagency Cooperation Contract No. IAC (72-73)-1078, between The University of Texas at Austin (Engineering Institutes) and the Texas Parks and Wildlife Department, signed by Vice President James H. Colvin, whereby the University agrees to provide training for two department personnel in the Engineering Program entitled "Advanced Water Pollution Control: Biological Waste Treatment." The contract period is from September 1, 1972 through August 31, 1973. Total amount not to exceed \$450.00.
7. Interagency Cooperation Contract No. IAC (72-73)-1079, between The University of Texas at Austin (Nuclear Reactor Laboratory) and the

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GRANTS, CONTRACTS and AGREEMENTS - (STATE):

Texas Department of Public Safety, signed by Vice President James H. Colvin, whereby the University agrees to furnish activation analyses in forensic investigations on routine cases which are unavailable with DPS facilities. The contract period is from January 1, 1973 through August 31, 1973. Total amount not to exceed \$60,183.00.

8. Interagency Cooperation Contract No. IAC (72-73)-1104, between The University of Texas at Austin (Library) and the Texas Parks and Wildlife Department, signed by Vice President James H. Colvin, whereby the University agrees to furnish photocopies and negative microfilm of materials at the request of Texas Parks and Wildlife Department. The contract period is from March 1, 1973 until the contract sum of \$500.00 is expended or until August 31, 1973. Total amount not to exceed \$500.00.

9. Interagency Cooperation Contract No. IAC (72-73)-1132, between The University of Texas at Austin (College of Engineering) and the Texas Water Quality Board, signed by Vice President James H. Colvin, whereby five members of the staff of the Texas Water Quality Board will attend our Biological Waste Treatment short course. The contract period is from March 19, 1973 through March 23, 1973. Total amount not to exceed \$1,250.00.

10. Interagency Cooperation Contract No. IAC (72-73)-1133, between The University of Texas at Austin (College of Engineering) and the Texas Water Quality Board, signed by Vice President James H. Colvin, whereby four members of the staff of the Texas Water Quality Board will attend our Physical and Chemical Waste Treatment short course. The contract period is from April 16, 1973 through April 20, 1973. Total amount is not to exceed \$1,000.00.

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GRANTS, CONTRACTS, and AGREEMENTS - FEDERAL:

1. Modification AFOSR-72-2158B to Grant AFOSR-72-2158, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, adds to the existing list of equipment under the grant one electron analyzer chamber. The research entitled, "Electron Interactions with Highly Ionized Oxygen," continues under the direction of Dr. C. Fred Moore, Professor of Physics.
2. Modification AFOSR-72-2221C to Grant AFOSR-72-2221, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$30,329 additional funds (Travis County) for support of research entitled, "Learning Control Applications to Thermonuclear Reactor Control," for the period February 1, 1973 through December 31, 1973. The research continues under the direction of Dr. D. G. Lainiotis, Professor of Electrical Engineering.
3. Modification AFOSR-72-2308A to Grant AFOSR-72-2308, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, changes the payment schedule. The research entitled, "Bulk and Surface Properties of Metals," continues under the direction of Dr. Leonard Kleinman, Professor of Physics.
4. Modification P00006, Supplemental Agreement to Contract F33615-70-C-1162, by which the United States Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, provides \$70,000 additional funds (Travis County) for support of research entitled, "Gun Fire Control System Analysis." The modification is effective October 17, 1972 and extends the period of the contract through June 30, 1973. The research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
5. Modification P00007, Supplemental Agreement to Contract F44620-71-C-0091, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, deletes from and adds certain items of test equipment to be purchased under the contract. The research entitled, "Basic Research in Electronics (JSEP)," continues under the direction of Dr. Arwin A. Dougal, Professor of Electrical Engineering.
6. Modification P00008, Supplemental Agreement to Contract F44620-71-C-0091, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, adds an item of special test equipment. The research entitled, "Basic Research in Electronics (JSEP)," continues under the direction of Dr. Arwin A. Dougal, Professor of Electrical Engineering.
7. Supplement No. 2 to Grant DA-ARO-D-31-124-72-G34, by which the Department of the Army, United States Army Research Office-Durham, Durham, North Carolina, provides \$36,620 additional funds (Travis County) and extends the grant for the period September 1, 1973 through August 31, 1974. The research entitled, "Computational and Applied Mathematics," continues under the direction of Dr. David M. Young, Professor of Mathematics and of Computer Sciences, and Dr. Robert T. Gregory, Professor of Mathematics and of Computer Sciences.



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GRANTS, CONTRACTS, and AGREEMENTS - FEDERAL (Continued):

8. Change-in-Grant (dated 12 December 1972) to Grant DA-ARO-D-31-124-73-G34, by which the Department of the Army, United States Army Research Office-- Durham, Durham, North Carolina, provides \$47,069 additional funds (Travis County) to complete the funding of the \$72,129 total award for the period September 1, 1972 through August 31, 1975. The research entitled, "Electrogenerated Chemiluminescence," continues under the direction of Dr. Allen J. Bard, Professor of Chemistry.
9. Grant DA-ARO-D-31-124-73-G115, by which the Department of the Army, United States Army Research Office-Durham, Durham, North Carolina, provides \$72,327 (Travis County) for the period February 1, 1973 through January 31, 1976; however, only \$22,943 is funded for the period February 1, 1973 through January 31, 1974. The research entitled, "Modelling of Beam Deflection Fluid Amplifiers," will be under the direction of Dr. A. J. Healey, Associate Professor of Mechanical Engineering.
10. Contract DACW64-73-C-0085, by which the Department of the Army, Galveston District, Corps of Engineers, Galveston, Texas, provides \$59,643.21 (Travis County) for support of a project entitled, "Archeological, Historical and Cultural Resources, Inventories, and Evaluations for Eight Project Areas Along the Texas Gulf Coast;" however, only \$23,282.40 is currently funded. The contract is effective beginning February 23, 1973, and the ending date will be determined by completion dates of studies to be assigned under the contract. The project will be under the direction of David S. Dibble, Acting Director, Texas Archeological Salvage Project.
11. Grant DA-ENG-27021-73-G39, by which the Department of the Army, United States Army Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, provides \$5,000 (Travis County) for support of research entitled, "Electromagnetic Propagation Characteristics in Arctic," for the period February 2, 1973 through September 1, 1973. The research will be under the direction of Dr. A. W. Straiton, Ashbel Smith Professor of Electrical Engineering.
12. Modification No. 04, Supplemental Agreement to Contract N00014-67-A-0126-0012, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$120,000 additional funds (Travis County) and extends the contract for the period January 1, 1973 through December 31, 1973. The research entitled, "X-Rays from Fission," continues under the direction of Dr. C. Fred Moore, Professor of Physics, and Dr. Gerald Hoffmann, Assistant Professor of Physics.
13. Modification No. 1, Supplemental Agreement to Contract N00014-67-A-0126-0017, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$19,883 additional funds (Travis County) and extends the contract for the period February 1, 1973 through December 31, 1973. The research entitled, "The Study of Atom-Atom, Electron-Molecule and Photon Molecule Processes," continues under the direction of Dr. J. C. Browne, Professor of Computer Sciences and of Physics.
14. Modification P00003, Supplemental Agreement to Facilities Contract N00017-68-C-5507 between the Government and the University, by which the Navy implements the "Use and Charges" clause and extends the effective period of the contract through March 31, 1973.

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GRANTS, CONTRACTS, and AGREEMENTS - FEDERAL (Continued):

15. Modification P00008, Supplemental Agreement effective October 15, 1972, by which the following is added to Basic Contract N00014-70-A-0166: Clause 49, "Cost Accounting Standards (1972 JUL)." The basic contract between The University of Texas at Austin and the Department of the Navy became effective December 1, 1969, and remains in effect until superseded or terminated. All active task contracts currently are being performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
16. Modification No. 2, Supplemental Agreement to Contract N00014-70-A-0166-0012, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides for a no-cost extension of the contract through June 30, 1973. The research entitled, "Tactical Air OP Analysis," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
17. Contract N00014-70-A-0166-0014, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$15,000 (Travis County) for support of research entitled, "Thermoacoustics," for the period 1 January 1973 through 31 March 1973. The research will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
18. Contract N00014-70-A-0166-0015, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$60,000 (Travis County) for continued support of research entitled, "Thermoacoustics," for the period April 1, 1973 through January 31, 1974. The research will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
19. Modification P00006 to Contract N00024-72-C-1127, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$9,200 additional funds to increase funding to \$654,200 toward the total estimated cost of \$869,000 awarded with the contract, which remains effective for the period February 1, 1972 through August 31, 1973. The research entitled, "Naval Shipyard and TRF Sonar Support and Assistance," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
20. Modification P00005 to Contract N00024-72-C-1127, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., adds \$6,000 to prior funds of \$639,000 toward the total estimated cost of \$869,000 allocated with the contract for which the current performance period is February 1, 1972 through August 31, 1973. The research entitled, "Naval Shipyard and TRF Sonar Support and Assistance," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
21. Modification P00002, Supplemental Agreement to Contract N00024-72-C-1380, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$43,217 additional funds (Travis County) for a new total estimated cost of \$115,217 and extends the contract for the period June 30, 1973 through February 28, 1975. The research entitled, "Nonlinear Acoustics Sonar Development," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

The UNIVERSITY of TEXAS at AUSTIN  
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GRANTS, CONTRACTS, and AGREEMENTS — FEDERAL (Continued):

22. Modification P00001, Supplemental Agreement to Contract N60530-73-C-0035, by which the Department of the Navy, Naval Weapons Center, China Lake, California, extends the period of the contract through April 30, 1973, without additional funds. The contract provided for OAS Spare Parts Kit for sonar navigation systems research performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
23. Modification P00001, Supplemental Agreement to Contract N60530-73-C-0037, by which the Department of the Navy, Naval Weapons Center, China Lake, California, extends the period of the contract through 30 April 1973. The research entitled, "OAS Spare Parts," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
24. Modification P00003, Supplemental Agreement to Contract N60921-73-C-0107, by which the Department of the Navy, Naval Ordnance Laboratory, Silver Spring, Maryland, adds certain items as Government Furnished Material without otherwise changing the contract. The research entitled, "Research and Development on Acoustic Mine Mechanisms," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
25. Contract N00024-73-C-1067, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$200,000 (Travis County) for support of research, "Electro-Acoustic Jammer Study," for the period January 12, 1973 through January 11, 1974. The research will be performed by Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
26. Contract N00024-73-C-1070, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$750,000 (Travis County) for support of research entitled, "Active Sonar Classification Program Studies," for the period February 2, 1973 through February 1, 1974, with an anticipatory cost clause allowing charges not to exceed \$30,000 to begin January 5, 1973. The research will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
27. Modification P00001 to Contract N00024-73-C-1070, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., changes the anticipatory costs clause by increasing charges allowed to not exceed \$50,000 for the period stated (beginning January 5, 1973). The research entitled, "Active Sonar Classification Studies," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
28. Modification P00004 to Contract N60921-73-C-0107, by which the Department of the Navy, U. S. Naval Ordnance Laboratory, White Oak, Silver Spring, Maryland, adds certain items as Government Furnished Material. The research and development on acoustic mine mechanisms continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
29. Contract N00024-73-C-1117, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$210,000 (Travis County) for support of research entitled, "High Resolution Sonar Study," for the period February 7, 1973 through February 6, 1974. The research will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

The UNIVERSITY of TEXAS at AUSTIN  
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GRANTS, CONTRACTS, and AGREEMENTS – FEDERAL (Continued):

30. Modification P00001 to Contract N00024-73-C-1127, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., changes the beginning effective date of the contract from 9 February to 1 February, 1973, and designates the currently apportioned funds of \$478,000 as adequate for the period through September 30, 1973. The research entitled, "Naval Shipyard and TRF Sonar Support and Assistance," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
31. Contract N00024-73-C-1127, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$999,500 (Travis County) for the total estimated cost for the period February 9, 1973 through September 30, 1974, and currently funds \$478,000 of that amount. The research entitled, "Naval Shipyard and TRF Sonar Support and Assistance," will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
32. Modification P00001, Supplemental Agreement to Contract N66001-73-C-0130, by which the Department of the Navy, Naval Undersea Center, Pasadena, California, provides \$2,396 additional funds (Travis County) for support of research entitled, "Two Dimensional Tracking System," and extends the period of the contract through March 5, 1973. The research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
33. Contract N00123-73-C-1370, by which the Department of the Navy, Naval Regional Procurement Office, Los Angeles, California, provides \$64,000 (Travis County) for support of research entitled, "Doppler Tracing System Operation," for the period 15 January 1973 through 14 January 1975. Of the total amount allocated there is currently funded \$10,000 for a first installment. The research will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
34. Contract N00123-73-C-1414, by which the Department of the Navy, Naval Regional Procurement Office, Los Angeles, California, provides \$190,000 (Travis County) for support of research entitled, "Obstacle Avoidance Sonar," for the period effective January 29, 1973 through January 28, 1974. The research will be performed by Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
35. Modification P00001, Supplemental Agreement to Contract N00123-73-C-0575, by which the Department of the Navy, Naval Regional Procurement Office, Los Angeles, California, provides administrative and financial instructions relating to Overhead Rates, Travel Allowance, Automobile Depreciation and Vouchering Instructions inadvertently omitted from the original contract. The research entitled, "Bio-Systems Sonar Research Support," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
36. Modification No. 4, Supplemental Agreement to Contract AT-(40-1)-3871, by which the U. S. Atomic Energy Commission, Oak Ridge Operation, Oak Ridge, Tennessee, provides \$50,000 additional funds (Travis County) and extends the contract for the period November 15, 1972 through November 14, 1973. The research entitled, "Ion Resonance Heating Studies," continues under the direction of Dr. D. Gary Swanson, Associate Professor of Electrical Engineering.

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GRANTS, CONTRACTS, and AGREEMENTS - FEDERAL (Continued):

37. Modification No. 1 to Contract AT-(40-1)-4210, by which the U. S. Atomic Energy Commission, Oak Ridge Operations, Oak Ridge, Tennessee, provides for no-cost extension of the contract through May 31, 1973. The research entitled, "RF-Supplemented Magnetic Mirrors" continues under the direction of Dr. Philip F. Little, Professor of Physics.

38. Modification P00005, Supplemental Agreement to Contract N60921-73-C-0107, by which the Department of the Navy, U. S. Naval Ordnance Laboratory, White Oak, Silver Spring, Maryland, adds to the Government Furnished Material without changing the total estimated cost of the contract. The research and development on acoustic mine mechanisms continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

DELETION OF CLASSIFIED MATERIAL INCORPORATED IN ORIGINAL DEPARTMENT OF DEFENSE CONTRACTS: The following list of six contract numbers covers expired classified contracts between various agencies of the Department of Defense and the University. These contracts carry expiration dates ranging from April 1964 through August 1966.

AF 33(657)-7333	N 123(62738) 52022A(X)
AF 33(657)-15554	N 60921-7002
NOrd-16498	APL/JHU 181434

Under the terms of the Department of Defense Industrial Security Manual for Safeguarding Classified Information, which is applicable to these contracts, the Contractor (University) may not retain classified material beyond the time required by the "Records" clause of the contract. Under the contract "Records" clause, the University is required to maintain its fiscal and related contract records for a period of three years after final payment under the contract. Thereafter, the government is precluded from further audit. The University Office of Accounting advises that full payment has been made under the contracts, that the "Records" clause of the contracts has been satisfied and there is no objection to the deletion of the classified portions of these contracts. It is now necessary that we delete those classified sections of the contracts which primarily describe the technical work that was performed under the contracts. I recommend that the Board of Regents authorize the deletion of the classified portions of the above six contracts.

39. Grant NGR-44-012-255, by which the National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, provides \$15,219 (Travis County) for support of research entitled, "Investigation of Highly Efficient Satellite Solution Methods." The grant is effective for the period March 1, 1973 through August 31, 1973, and the research will be under the direction of Dr. Paul E. Nacozy, Assistant Professor of Aerospace Engineering and Engineering Mechanics, and Dr. Gerhard Scheifele, Assistant Professor of Aerospace Engineering and Engineering Mechanics.

40. Letter of Transfer dated January 17, 1973, to Contract NAS 5-10387, by which the National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, transfers title to certain items of equipment under the contract to The University of Texas at Austin. The boresight and alignment tests of radio telescope installation was under the direction of Dr. A. W. Straiton, Ashbel Smith Professor of Electrical Engineering.

The UNIVERSITY of TEXAS at AUSTIN  
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GRANTS, CONTRACTS, and AGREEMENTS - FEDERAL (Continued):

41. Modification No. 1S, Supplemental Agreement to Contract NAS 9-12568, by which the National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, extends the contract through May 31, 1973. The research entitled, "Operation, Maintenance, and Analysis Related to a Data Storage Unit at McDonald Observatory, The University of Texas at Austin," continues under the direction of Dr. Harlan J. Smith, Professor of Astronomy, and Director, Research in Astronomy (McDonald Observatory).
42. Modification No. 5, Change Order to Contract NSR 44-012-120, by which the National Aeronautics and Space Administration, Washington, D. C., extends the contract through June 30, 1973, without additional funds. The research program to determine the propagation limitation on the accuracy of radio tracing system used for position fixing continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
43. Change Order No. 5 to Contract No. 14-10-3-931-1, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, extends the contract through December 31, 1973, without additional funds. The archeological studies continue under the direction of David S. Dibble, Acting Director, Texas Archeological Salvage Project.
44. Change Order No. 4 to Contract No. 14-10-7:931-24, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, extends the contract through December 31, 1973, without additional funds. The test excavations at selected archeological sites in the North Fork Reservoir, Texas, continue under the direction of David S. Dibble, Acting Director, Texas Archeological Salvage Project.
45. Change Order No. 3 to Contract No. 14-10-7-931-25, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, extends the contract through December 31, 1973, without changing the contract price. The archeological studies continue under the direction of David S. Dibble, Acting Director, Texas Archeological Salvage Project.
46. Change Order No. 3 to Contract No. 14-10-7-931-26, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, extends the contract through December 31, 1973, without additional funds. The archeological studies of the Laneport Reservoir, Texas, continue under the direction of David S. Dibble, Acting Director, Texas Archeological Salvage Project.
47. Change Order No. 3 to Contract No. 14-10-7-931-41, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, extends the contract through December 31, 1973, without changing the contract price. The archeological studies of the North Fork Reservoir, Texas, continues under the direction of David S. Dibble, Acting Director, Texas Archeological Salvage Project.
48. Grant R 802207, by which the Environmental Protection Agency, Washington, D. C., provides \$80,000 (Travis County) for support of research entitled, "Biological Countermeasures to Mitigate the Effects of Hazardous Material Spills," for the period February 15, 1973 through February 14, 1974. The research will be under the direction of Dr. Neal E. Armstrong, Associate Professor of Civil Engineering.

The UNIVERSITY of TEXAS at AUSTIN  
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GRANTS, CONTRACTS, and AGREEMENTS - FEDERAL (Continued):

49. Modification No. 6, Supplemental Agreement to Contract No. 82-48-71-18, by which the U. S. Department of Labor, Manpower Administration, Washington, D. C., extends the contract through May 1, 1973, without additional funds. The research entitled, "Non-Apprentice Entry to Selected Construction Trades," (a comparison of journeymen who have and have not completed apprenticeship) continues under the direction of Dr. F. Ray Marshall, Professor of Economics.
50. Modification No. 3 to Grant No. 91-46-70-35, by which the U. S. Department of Labor, Manpower Administration, Washington, D. C., extends the grant through March 31, 1974, without additional funds. The research entitled, "Doctoral Dissertation Research in Relationships between Population Decrease and Tertiary Employment Opportunities in Agricultural Communities," continues under the direction of Judy Parker Appelt (Doctoral Candidate) and Dr. Robert K. Holz, Associate Professor of Geography (Sponsor).
51. Grant RO-7696-73-201, by which the National Endowment for the Humanities, Washington, D. C., provides \$25,262 (Travis County) for support of a project entitled, "The World Economy: 1750-1972," for the period January 1, 1973 through December 31, 1974. The project will be under the direction of Dr. Walt W. Rostow, Professor of Economics and of History.
52. Grant HD06481-02, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Child Health and Human Development, Bethesda, Maryland, provides \$39,127 (Travis County) for support of research entitled, "RNA and Protein Synthesis in the Mammalian Oviduct," for the period February 1, 1973 through January 31, 1974. The total project period is February 1, 1972 through January 31, 1975, and the research continues under the direction of Dr. Terrell H. Hamilton, Professor of Zoology.
53. Grant HL12528-05, by which the Department of Health, Education, and Welfare, Public Health Service, National Heart and Lung Institute, Bethesda, Maryland, provides \$18,494 (Travis County) for support of research entitled, "NMR Relaxation of Liquid Crystal Systems," for the period February 1, 1973 through January 31, 1974. The total project period is February 1, 1972 through January 31, 1975, and the research continues under the direction of Dr. Charles G. Wade, Assistant Professor of Chemistry.
54. Amendment No. 1 to Grant GB-22770, by which National Science Foundation, Washington, D. C., provides for no-cost extension of the grant through August 31, 1973. The research entitled, "Effects of Environmental Heterogeneity on Modes of Adaptation in the Mulleri-Complex of Drosophila," continues under the direction of Dr. R. H. Richardson, Associate Professor of Zoology.
55. Grant GB-37253, by which National Science Foundation, Washington, D. C., provides \$55,000 (Travis County) for support of research entitled, "Genetic Organization of Higher Organism Chromosomes," for the period March 31, 1973 through August 31, 1975. The research will be under the direction of Dr. C. S. Lee, Assistant Professor of Zoology.
56. Amendment No. 2 to Grant GB-27937X, by which the National Science Foundation, Washington, D. C., provides \$30,000 additional funds (Travis County) and extends the grant for the period April 1, 1973 through September 30, 1974. The research entitled, "Biochemistry of Hemoglobins and Certain Other Proteins," continues under the direction of Dr. Austen F. Riggs II, Professor of Geology.

The UNIVERSITY of TEXAS at AUSTIN  
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GRANTS, CONTRACTS, and AGREEMENTS – FEDERAL (Continued):

57. Amendment No. 2 to Grant GK-2624, by which National Science Foundation, Washington, D. C., extends the grant through January 31, 1973, without additional funds. The research entitled, "Thermal Migration of Small Particles in Liquids," continues under the direction of Dr. James R. Brock, Professor of Chemical Engineering.
58. Amendment No. 2 to Grant GP-24488, by which National Science Foundation, Washington, D. C., extends the grant through August 31, 1973, without additional funds. The research entitled, "Construction of a High-Resolution, High-Sensitivity Electrophotographic Camera," continues under the direction of Dr. Harlan J. Smith, Professor of Astronomy, and Director, McDonald Observatory.
59. Amendment No. 2 to Grant GP-29638, by which National Science Foundation, Washington, D. C., provides \$120,700 additional funds (Travis County) and extends the grant for the period January 15, 1973 through August 31, 1974. The research entitled, "Solar System, Galactic and Extragalactic Radio Astronomy," continues under the direction of Dr. James N. Douglas, Professor of Astronomy.
60. Amendment No. 1 to Grant GP-32322X, by which National Science Foundation, Washington, D. C., provides \$43,000 additional funds (Travis County) and extends the grant for the period February 1, 1973 through July 31, 1974. The research entitled, "Infrared Stellar Spectroscopy with a Connes'-Type Interferometer," continues under the direction of Dr. David L. Lambert, Associate Professor of Astronomy.
61. Grant GP-37028, by which National Science Foundation, Washington, D. C., provides \$36,000 (Travis County) toward the purchase of an X-Ray Diffractometer. The grant is effective for the period January 18, 1973 through July 31, 1974, and the project will be under the direction of Dr. Rowland Pettit, Professor of Chemistry.
62. Grant GP-37480X, by which National Science Foundation, Washington, D. C., provides \$39,200 (Travis County) for support of research entitled, "Spectroscopic Observations of Quasi-Stellar Radio Sources," for the period March 1, 1973 through August 31, 1974. The research will be under the direction of Dr. Derek Wills, Assistant Professor of Astronomy, and Beverly Wills, Research Scientist Associate V.
63. Grant GX-37345, by which National Science Foundation, Washington, D. C., provides \$284,300 (Travis County) for support of research entitled, "Marine Petroleum Pollution: Biological Effects and Chemical Characterization," for the period February 15, 1973 through July 31, 1975. The research will be under the direction of Dr. J. A. C. Nicol, Professor of Zoology, and Dr. Chase Van Baalen, Professor of Botany.
64. Grant GZ-2801, by which National Science Foundation, Washington, D. C., provides \$68,250 (Travis County) for support of thirteen continuation graduate traineeships. The grant is effective for the period September 1, 1973 through September 30, 1974, and the program continues to be coordinated by Dr. Fred P. Ellison, Associate Dean of the Graduate School.



The UNIVERSITY of TEXAS at AUSTIN  
April 24, 1973

GRANTS, CONTRACTS, and AGREEMENTS - FEDERAL (Continued):

65. Order No. 73-SP-0717, by which National Science Foundation, Washington, D. C., provides \$1,800 (Travis County) for support of a project entitled, "The Role of Insurance Companies in Venture Capital: A Background Study of Barriers and Incentives, " for the period February 27, 1973 through June 1, 1973. The project will be under the direction of Richard Harmon, Department of Management, and Dr. George Kozmetsky, Dean, College of Business Administration and Graduate School of Business.

66. Amendment No. 1 to Grant GP-32051 by which National Science Foundation, Washington, D. C. provides \$43,800 (Travis County) and extends the grant for the period January 1, 1973, through August 31, 1974. The research entitled, "Stellar Evolution and Nucleosynthesis, " continues under the direction of Dr. W. D. Arnett, Associate Professor of Astronomy, and Dr. D. N. Schramm, Assistant Professor of Astronomy and of Physics.

THE UNIVERSITY OF TEXAS AT AUSTIN  
AMENDMENTS TO THE 1972-73 OPERATING BUDGET  
BOARD OF REGENTS MEETING - APRIL 24, 1973

The term "rate" for academic personnel is the full-time nine-month base rate; for classified personnel it is the full-time twelve-month rate, the appointee receiving a proportionate amount depending upon the fraction of time for which he is appointed and the period of his appointment. Source of funds for payment of salaries, unless otherwise shown, is the departmental salaries account.

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>GENERAL ADMINISTRATION AND STUDENT SERVICES</u>				
<u>Office of the Vice President for Academic Affairs and General Business</u>				
Resignation				
1. Arch W. Hunt, III (Non-tenure)				
Office of the Vice President for Academic Affairs				
Assistant Vice President	9/1 - 5/31	67	12	\$ 22,000
	6/1 - 8/31	100		
General Business				
Assistant Professor	9/1 - 5/31	33	9	16,500
Date of Resignation	2/28/73			
(RBC# 2328, 2316)				

Office of the Provost

Interdepartmental Transfer

2. Amount of Transfer - \$ 4,548

To: Office of the Provost - Classified Personnel

From: Office of the Vice President for Academic Affairs - Classified Personnel

Transfer funds for the support of the salary of a Social Science Research Associate II who has been reassigned to the Provost's office from the Office of the Vice President for Academic Affairs effective March 1, 1973. (RBC# 2379)

Office of Accounting - Registration

Transfer Between Dissimilar Appropriations

3. Amount of Transfer - \$ 5,100

To: Wages

From: Maintenance and Operation

Funds were used for temporary help needed during Spring registration. (RBC# 2324)

Office of Accounting and Central Receiving and Delivery

Transfer of Funds

4. Amount of Transfer - \$ 11,148

To: Office of Accounting - Classified Personnel (\$ 5,574)  
Central Receiving and Delivery - Classified Personnel (\$ 5,574)

From: Unallocated Classified Personnel

To establish two new positions of Accounting Group Supervisor for Central Vouchering and Central Receiving and Delivery effective March 1, 1973. (RBC# 2353)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>GENERAL ADMINISTRATION AND STUDENT SERVICES (Continued)</u>				
<u>Office of the Registrar</u>				
Interdepartmental Transfer				
5. Amount of Transfer - \$ 2,000				
To: Office of the Registrar - Wages				
From: Office of the Vice President for Student Affairs - Development of Student Services				
Additional funds were used for part-time help needed in the transcript evaluation section of the Registrar's Office. (RBC# 2262)				
Transfer of Funds				
6. Amount of Transfer - \$ 58,000				
To: Office of the Registrar - Microfilm				
From: Unallocated Maintenance and Operation				
Funds will be used to microfilm a backlog of permanent records and for equipment and supplies needed for continuing microfilming of credentials and records. (RBC# 2415)				
<u>Miscellaneous Administrative Expenses</u>				
Transfer of Funds				
7. Amount of Transfer - \$ 9,000				
To: Miscellaneous Administrative Expenses				
From: Unallocated Maintenance and Operation				
Additional funds were needed for the consultation fee to the Council of Graduate Schools in the United States and for other expenses not anticipated when the Original Budget was prepared. (RBC# 2286)				
<u>GENERAL INSTITUTIONAL EXPENSE</u>				
<u>University News and Information Service</u>				
Transfer of Funds				
8. Amount of Transfer - \$ 300				
To: University News and Information Service - Travel				
From: Unallocated Travel				
These travel funds are needed in connection with the opening of the Visitor Information Center in Sid Richardson Hall. (RBC# 2352)				
<u>Visitors Center</u>				
Transfer of Funds				
9. Amount of Transfer - \$ 25,000				
To: Visitors Center - Classified Personnel (\$ 12,342)				
Visitors Center - Maintenance and Operation (\$ 12,658)				
From: Unallocated Classified Personnel (\$ 12,342)				
Unallocated Maintenance and Operation (\$ 12,658)				
To establish operating accounts for the recently opened Visitors Center in Sid Richardson Hall. (RBC# 2351)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

GENERAL INSTITUTIONAL EXPENSE (Continued)

Miscellaneous General Institutional Expense

Transfer of Funds

10. Amount of Transfer - \$ 159

To: Educational Films for Departments

From: Unallocated Maintenance and Operation

Additional funds were needed for expenses incurred.  
(RBC# 2259)

Transfer of Funds

11. Amount of Transfer - \$ 4,000

To: Unemployment Compensation Insurance

From: Unallocated Maintenance and Operation

Funds were needed to cover UCI expense for the remainder of the fiscal year.  
(RBC# 2398)

Office of Research Management

Interdepartmental Transfer

12. Amount of Transfer - \$ 4,643

To: Office of Research Management - Wages (\$ 800)

Office of Research Management - Classified Personnel (\$ 3,843)

From: Office of the Vice President for Academic Affairs - Wages (\$ 800)

Office of the Vice President for Academic Affairs - Classified Personnel (\$ 3,843)

To establish a new position of Administrative Secretary in the Office of Research Management effective 2/1/73 and to provide for the employment of a part-time graduate assistant needed for four months.  
(RBC# 2173, 2174)

SCHOOL OF ARCHITECTURE

Appointment

Lecturer

13. Reginald S. Smith (Non-tenure)  
(RBC# 2389)

1/16 - 5/31

25

Academic

Rate

\$ 11,000

Stipend

\$ 1,000

Instructor

14. Janice L. Craig (Non-tenure)  
(RBC# 2265)

1/16 - 5/31

67

Academic

Rate

\$ 9,000

Stipend

\$ 2,500

Instructor

15. Michael K. Shamburger (Non-tenure)  
(RBC# 2323)

1/16 - 5/31

25

Academic

Rate

\$ 9,000

Stipend

\$ 1,000

COLLEGE OF HUMANITIES

Classics

Change of Status

16. Oscar W. Reinmuth (Non-tenure)

To: Professor

1/16 - 5/31

33

9

\$ 17,300

From: Professor Emeritus

9/1 - 8/31

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Source of Funds: Transfer from Unallocated Teaching Salaries  
(RBC# 2232, 2272)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF HUMANITIES</u>				
<u>Classics (Continued)</u>				
Transfer Between Dissimilar Appropriations				
17. Amount of Transfer - \$ 986				
To: Wages				
From: Teaching Assistants				
Reallocation of departmental funds to provide for assistants needed for the Spring Semester and Summer Session. (RBC# 2191)				
<u>English</u>				
Appointment				
Assistant Professor				
18. David R. Farmer (Non-tenure)	1/16 - 5/31	33	9	\$ 12,500
Source of Funds: Transfer from Humanities Research Center - Administrative and Professional Salaries				
Concurrent Employment:				
Humanities Research Center				
Assistant to the Director	9/1 - 1/15	100	12	16,665
	1/16 - 5/31	67		
	6/1 - 8/31	100		
(RBC# 2391, 2394, 2217)				
<u>French and Italian</u>				
Appointment				
Visiting Professor				
19. Enea E. Balmas (Non-tenure)	1/16 - 5/31	100	9	20,000
Sources of Funds: Departmental Faculty Salaries and transfer from Unallocated Teaching Salaries (RBC# 2312, 2349)				
Appointment and Salary Increase				
Assistant Instructor				
20. Thelma S. Fenster (Non-tenure)	1/16 - 5/31	50	9	8,000
Source of Funds: Transfer from Unallocated Teaching Salaries				
Previous Appointment:				
French and Italian				
Teaching Assistant	9/1 - 1/15	50	9	<u>6,800</u>
Rate Increase				
(RBC# 2209, 2227)				
Resignation				
Assistant Instructor				
21. Janine S. Rosser (Non-tenure)	9/1 - 5/31	50	9	8,000
Date of Resignation				
(RBC# 2365)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF HUMANITIESFrench and Italian (Continued)

## Transfer Between Dissimilar Appropriations

22. Amount of Transfer - \$ 1,102

To: Wages

From: Teaching Assistants

Reallocation of departmental funds to provide for wages of French laboratory monitors in the Language Laboratories.  
(RBC# 2234)

## Transfer Between Dissimilar Appropriations

23. Amount of Transfer - \$ 1,000

To: Visiting Lecturers and Consultants

From: Teaching Assistants

Funds were used for stipends of several visiting lecturers who spoke on the Austin campus this Spring.  
(RBC# 2233)

## Interdepartmental Transfer

24. Amount of Transfer - \$ 340

To: French and Italian - Travel

From: Office of the Dean - College of Humanities - Travel

Funds were used for travel expenses to attend the meeting of the Texas Foreign Languages Association in Houston, for the meeting of the International Italian Association held in New York, and for a trip to the MLA Convention in New York.  
(RBC# 2268, 2329, 2331)

Germanic Languages

## Appointment

## Instructor

25. Kari Grimstad (Non-tenure) 1/16 - 5/31 50 9 \$ 9,000

Source of Funds: Transfer from  
Unallocated Teaching Salaries  
(RBC# 2385, 2408)

## Interdepartmental Transfer

26. Amount of Transfer - \$ 153

To: Germanic Languages - Travel

From: Office of the Dean - College of Humanities - Travel

Funds were used for travel expenses to attend the Conference on Twentieth Century Literature in Louisville, Kentucky.  
(RBC# 2235)

## Transfer of Funds

27. Amount of Transfer - \$ 755

To: Germanic Languages - Teaching Assistants

From: Dean's Reserve for Faculty Salaries

These additional funds were needed for the salary of a teaching assistant needed to staff a course in Dutch during the Spring Semester.  
(RBC# 2195)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF HUMANITIES (Continued)</u>				
<u>Oriental and African Languages and Literatures</u>				
Appointment				
Visiting Professor				
28. Eisig Silberschlag (Non-tenure)	1/16 - 5/31	100	9	\$ 20,000
Source of Funds: Transfer from Unallocated Teaching Salaries (RBC# 2157, 2200)				
<u>Oriental and African Languages and Literatures and Center for Asian Studies</u>				
Appointment and Salary Increase				
29. Sujan C. Bhatia (Non-tenure)				
Appointment:				
Oriental and African Languages and Literatures				
Instructor	1/16 - 5/31	31	9	9,000
Source of Funds: Transfer from Unallocated Teaching Salaries				
Change of Status:				
Center for Asian Studies				
To: Assistant Instructor	9/1 - 1/15	50	9	8,000
Instructor	1/16 - 5/31	44	9	9,000
From: Assistant Instructor	9/1 - 5/31	50	9	<u>8,000</u>
Rate Increase			<u>9</u>	<u>1,000</u>
(RBC# 2149, 2150, 2199)				

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

Anthropology

Interdepartmental Transfer

30. Amount of Transfer - \$ 1,150

To: Anthropology - Classified Personnel

From: Social Science Statistical Laboratory - Classified Personnel

Reallocation of salary funds within this College to provide the Anthropology Department with the services of a one-half time Clerk-Typist. (RBC# 2405)

Economics

Transfer of Funds

31. Amount of Transfer - \$ 7,500

To: Economics - Faculty Salaries

From: Unallocated Teaching Salaries

Funds were used to support the Spring Semester appointment of Lecturer Don E. Roper. (See U. T. Austin Docket page A-36, item number 40, March 5, 1973, Board meeting.) (RBC# 2228)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES (Continued)

History

Transfer of Funds

32. Amount of Transfer - \$ 2,000

To: History - Faculty Salaries

From: Unallocated Teaching Salaries

Funds were used to support the salary of Instructor Louis Necker whose Spring Semester appointment was docketed for the March 5, 1973, Board meeting. (See U. T. Austin docket page A-37, Item 47.)  
(RBC# 2229)

Transfer of Funds

33. Amount of Transfer - \$ 17,500

To: History - Faculty Salaries

From: Unallocated Teaching Salaries

To provide the additional funds needed for Spring Semester faculty appointments.  
(RBC# 1767)

Interdepartmental Transfer

34. Amount of Transfer - \$ 2,148

To: History - Classified Personnel

From: Social Science Statistical Laboratories - Classified Personnel

Reallocation of classified salary funds within this College to provide for the services of a Clerk-Typist needed by the History Department.  
(RBC# 2404)

Linguistics

Change of Status

35. Royal J. Skousen (Non-tenure)	9/1 - 5/31	100	9	\$ 11,000
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Change Title Only:

To: Assistant Professor

From: Instructor  
(RBC# 2183)

Psychology

Appointment

Assistant Professor

36. Robert D. Langston (Non-tenure)	1/16 - 5/31	55	9	11,000
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Source of Funds: Transfer from  
Unallocated Teaching Salaries  
(RBC# 2386, 2409)

Social Science Statistical Laboratory

Transfer of Funds

37. Amount of Transfer - \$ 10,538

To: Social Science Statistical Laboratory - Special Equipment

From: Unallocated Special Equipment

Funds were used to purchase terminal equipment PDP II.  
(RBC# 2354)



<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES (Continued)</u>				
<u>Sociology</u>				
Interdepartmental Transfer				
38. Amount of Transfer - \$ 189				
To: Sociology - Visiting Lecturers and Consultants				
From: Office of the Dean, College of Social and Behavioral Sciences - Visiting Lecturers and Consultants				
To provide the additional funds needed for stipends of two visiting lecturers. (RBC# 2407)				
<u>COLLEGE OF NATURAL SCIENCES</u>				
<u>Botany</u>				
Interdepartmental Transfer				
39. Amount of Transfer - \$ 872				
To: Botany - Teaching Assistants				
From: Mathematics - Teaching Assistants				
Reallocation of Teaching Assistants funds within this College to permit opening of additional laboratory sections of Botany 411K-420 and Botany 319. (RBC# 2175)				
<u>Chemistry</u>				
Appointment				
Instructor (1972-73 Only)				
40. K. Enid Lee (Non-tenure) (RBC# 2339)	1/16 - 5/31	50	<u>Academic Rate</u> \$ 9,000	<u>Stipend</u> \$ 1,450
<u>Computer Sciences, Graduate School of Library Sciences, and Computation Center</u>				
Leave of Absence				
41. Alfred G. Dale (Tenure)				
Computer Sciences Associate Professor	9/1 - 5/31	33	9	\$ 17,500
Graduate School of Library Sciences Associate Professor	9/1 - 5/31	33	9	17,500
Computation Center - Revolving Fund Research Scientist, Faculty	9/1 - 5/31	33	9	17,500
Term of Leave (RBC# 2320, 2239, 1823)	1/16 - 5/31			
<u>Geological Sciences</u>				
Appointment				
Visiting Professor				
42. Robert S. Dietz (Non-tenure)	1/22 - 2/23	100	<u>Academic Rate</u> \$ 20,000	<u>Stipend</u> \$ 2,100
Source of Funds: Transfer from Unallocated Teaching Salaries (RBC# 2411, 2447)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES</u>				
<u>Geological Sciences (Continued)</u>				
Change of Status				
Assistant Professor				
43. Rolland B. Bartholomew (Non-tenure)				
To:	1/16 - 5/31	75	9	\$ 14,200
From:	1/16 - 5/31	50	9	14,200
Source of Funds: Transfer from Unallocated Teaching Salaries				
Concurrent Employment:				
Curriculum and Instruction				
Assistant Professor	1/16 - 5/31	25	9	14,200
(RBC# 2158, 2203)				

## Transfer Between Dissimilar Appropriations

44. Amount of Transfer - \$ 1,000

To: Wages

From: Teaching Assistants

Funds were needed for a proctor in the departmental computer laboratory and for student assistants to help with grading and roll checking in large sections of lower division courses.  
(RBC# 2378)

## Transfer Between Dissimilar Appropriations

45. Amount of Transfer - \$ 150

To: Computer Rental and Purchased Services

From: Maintenance and Operation

Transfer to the appropriate account funds needed to pay for computer time during the Spring Semester.  
(RBC# 2269)

## Interdepartmental Transfer

46. Amount of Transfer - \$ 4,500

To: Geological Sciences - Special Equipment

From: Office of the Dean, College of Natural Sciences - Special Equipment

To provide funds needed for equipment and accessories by the Geological Sciences Department.  
(RBC# 2330)

Home Economics

## Interdepartmental Transfer

47. Amount of Transfer - \$ 1,500

To: Home Economics - Teaching Assistants

From: Mathematics - Teaching Assistants

Reallocation of Teaching Assistants funds within this College to support the salary of a Teaching Assistant employed by the Home Economics Department for the Spring Semester.  
(RBC# 2298)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Mathematics</u>				
Appointment				
Visiting Professor				
48. William Browder (Non-tenure) (RBC# 2179)	1/22 - 2/5	100	\$ 23,400	\$ 1,300
Instructor				
49. Nina M. Fling (Non-tenure) (RBC# 2247)	1/16 - 5/31	50	9	\$ 9,200
Appointment and Salary Increase				
Instructor (Spring Semester Only)				
50. Ernest S. Pyle, Jr. (Non-tenure)	1/16 - 5/31	100	9	9,500
Source of Funds: Departmental Faculty Salaries and transfer from Unallocated Teaching Salaries				
Previous Appointment:				
Mathematics				
Teaching Assistant	9/1 - 1/15	50	9	<u>8,000</u>
Rate Increase				
(RBC# 2250, 2278)			<u>9</u>	<u>1,500</u>
Transfer Between Dissimilar Appropriations				
51. Amount of Transfer - \$ 9,455				
To: Maintenance and Operation (\$ 2,500) Wages (\$ 6,955)				
From: Teaching Assistants				
Reallocation of departmental funds to cover operating expenses and for assistants needed during the Summer Session. (RBC# 2220, 2293)				
Transfer of Funds				
52. Amount of Transfer - \$ 2,957				
To: Mathematics - Visiting Lecturers and Consultants				
From: Unallocated Faculty Salaries				
Funds were used for stipends of visiting lecturers during the Spring Semester. (RBC# 2284)				
<u>Microbiology</u>				
Appointment				
Instructor				
53. Bruce A. Rouse (Non-tenure)	1/16 - 5/31	100	9	9,000
Source of Funds: Transfer from Unallocated Teaching Salaries (RBC# 2249, 2280)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF NATURAL SCIENCESMicrobiology (Continued)

## Interdepartmental Transfer

54. Amount of Transfer - \$ 1,640

To: Microbiology - Teaching Assistants (\$ 1,250)  
 Microbiology - Wages (\$ 390)

From: Mathematics - Teaching Assistants

An additional Teaching Assistant was needed to staff an upper division Microbiology course due to heavy enrollment during the Spring Semester. Funds were needed in the Microbiology Wages account to hire a part-time replacement for a custodial worker temporarily disabled.  
 (RBC# 2296, 2297)

Physics

## Appointment

Instructor (Spring Semester Only)

55. Peter S. Bartel (Non-tenure)  
(RBC# 2388)

1/16 - 5/31

50

## Academic

Rate

\$ 9,000

Stipend

\$ 2,000

## Transfer Between Dissimilar Appropriations

56. Amount of Transfer - \$ 6,000

To: Wages

From: Teaching Assistants

Reallocation of departmental funds to provide for assistants who will be needed for the Summer Session.  
 (RBC# 2303)

Zoology

## Transfer Between Dissimilar Appropriations

57. Amount of Transfer - \$ 950

To: Wages

From: Faculty Salaries

Additional funds were needed for Assistants for courses added during the Spring Semester registration.  
 (RBC# 2302)

DIVISION OF GENERAL AND COMPARATIVE STUDIESOffice of the Dean

## Transfer of Funds

58. Amount of Transfer - \$ 5,000

To: Office of the Dean - Dean's Reserve

From: Unallocated Teaching Salaries

Transfer to the Dean's Reserve funds lapsed in error by the Department of Comparative Studies.  
 (RBC# 1701, 2198)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>DIVISION OF GENERAL AND COMPARATIVE STUDIES (Continued)</u>				
<u>Ethnic Studies</u>				
Transfer of Funds				
59. Amount of Transfer - \$ 6,250				
To: Ethnic Studies - Faculty Salaries				
From: Unallocated Teaching Salaries				
Funds were used to support the Spring Semester appointment of Lecturer Frederick A. Cervantes. (See U. T. Austin Docket, page A-37, Item number 63, January 26, 1973, Board meeting.)				
(RBC# 2226)				
<u>Center for Asian Studies</u>				
Interdepartmental Transfer				
60. Amount of Transfer - \$ 1,350				
To: Center for Asian Studies - Wages				
From: Oriental and African Languages and Literatures - Teaching Assistants				
Funds were needed for an assistant for two faculty members teaching courses in the Asian Studies Program during the Spring Semester.				
(RBC# 2190)				
<u>Center for Asian Studies and Music</u>				
Appointment				
Instructor				
61. Naomi Owens (Non-tenure)				
Center for Asian Studies	1/16 - 5/31	25	9	\$ 9,000
Music	1/16 - 5/31	--	9	( 9,000)
Source of Funds: Transfer from Unallocated Teaching Salaries to Center for Asian Studies Faculty Salaries				
(RBC# 2251, 2245, 2279)				
<u>Language and Area Center for Latin American Studies and Marketing Administration</u>				
Appointment				
Lecturer				
62. Joseph Hodara (Non-tenure)				
Language and Area Center for Latin American Studies	1/16 - 5/31	62.5	9	16,000
Sources of Funds: General Budget Funds - Transfer from Unallocated Faculty Salaries (25%) and Office of Education Contract (37.5%)				
Marketing Administration	1/16 - 5/31	37.5	9	16,000
Source of Funds: Transfer from Unallocated Teaching Salaries				
(RBC# 2138, 2161, 2159, 2201, 2202)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF BUSINESS ADMINISTRATION</u>				
<u>Office of the Dean</u>				
Transfer Between Dissimilar Appropriations				
63. Amount of Transfer - \$ 20,900				
To: Maintenance and Operation				
From: Computer Rental and Purchased Services				
Transfer to the appropriate account the additional funds needed for the purchase of a Remote Job Entry terminal.				
(RBC# 2376)				
<u>Accounting</u>				
Appointment				
Visiting Professor				
64. Gerald D. Brighton (Non-tenure)	1/16 - 5/31	100	9	\$ 24,000
Source of Funds: Departmental Faculty Salaries and transfer from Unallocated Teaching Salaries				
(RBC# 2185, 2225)				
<u>Finance</u>				
Appointment				
Visiting Professor				
65. Oswald D. Bowlin (Non-tenure)	1/16 - 5/31	100	9	21,000
Source of Funds: Departmental Faculty Salaries and transfer from Unallocated Teaching Salaries				
(RBC# 2306, 2348)				
Reappointment				
Lecturer				
66. J. Howard Hayden (Non-tenure)	1/16 - 5/31	33	9	11,200
Previous appointment for the Fall Semester was at the same rate.				
(RBC# 2387)				
<u>Management</u>				
Appointment				
Visiting Professor				
67. Philip Taft (Non-tenure)	1/16 - 3/31	100	9	18,000
(RBC# 2125)				
Professor				
68. Joe B. Frantz (Tenure)	3/1 - 4/30	50	9	24,000
Concurrent Employment:				
History Professor				
	9/1 - 5/31	50	9	24,000
Research in Texas History Director				
	9/1 - 2/28	50	9	24,000
	3/1 - 4/30	--		
	5/1 - 5/31	50		
(RBC# 1880, 2144)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF BUSINESS ADMINISTRATION (Continued)</u>				
<u>Marketing Administration</u>				
Interdepartmental Transfer				
69. Amount of Transfer - \$ 3,280				
To: Marketing Administration - Teaching Assistants				
From: Accounting - Teaching Assistants				
Reallocation of Teaching Assistants funds within this College to provide staffing of Spring Semester course offerings. (RBC# 2270)				
<u>SCHOOL OF COMMUNICATION</u>				
<u>Journalism</u>				
Transfer of Funds				
70. Amount of Transfer - \$ 638				
To: Journalism - Teaching Assistants				
From: Dean's Reserve for Faculty Salaries				
To provide for an additional Teaching Assistant needed to help in sections of Journalism 314, <u>Copy Editing</u> . (RBC# 2193)				
<u>Speech Communication</u>				
Appointment				
Instructor				
71. James S. Howze (Non-tenure)	1/16 - 5/31	33	9	\$ 9,000
Source of Funds: Transfer from Unallocated Teaching Salaries (RBC# 2338, 2355)				
<u>COLLEGE OF EDUCATION</u>				
<u>Office of the Dean</u>				
Transfer Between Dissimilar Appropriations				
72. Amount of Transfer - \$ 838				
To: Wages				
From: Maintenance and Operation				
These funds were used to continue the employment of part-time help needed for student record keeping. (RBC# 2189)				
<u>Curriculum and Instruction</u>				
Appointment				
Instructor				
73. Alice M. Davis (Non-tenure)	1/16 - 5/31	50	\$ 9,000	\$ 1,800
Source of Funds: Transfer from Unallocated Teaching Salaries (RBC# 2188, 2224)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF EDUCATION</u>				
<u>Curriculum and Instruction (Continued)</u>				
Appointment			Academic	
Instructor			Rate	Stipend
74. Eleanor D. Blair (Non-tenure) (RBC# 2311)	1/16 - 5/31	25	\$ 9,000	\$ 600
Appointment and Salary Increase				
Instructor				
75. Fern C. Williams (Non-tenure)	1/16 - 5/31	25	9	\$ 9,000
Concurrent Employment:				
Learning Disabilities Center				
Social Science Research				
Associate IV	1/16 - 5/31	75	12	11,148
			9(equiv.)	<u>8,361</u>
Rate Increase (RBC# 2264)			<u>9</u>	<u>639</u>
Change of Status				
76. Joseph Michel				
To: Adjunct Professor (Non-tenure)	2/15 - 8/31	--	--	---
From: Professor (Tenure)	9/1 - 5/31	50	9	19,500
Director Foreign Language Education Center (RBC# 2243, 2244)	9/1 - 5/31	50	9	19,500
Transfer Between Dissimilar Appropriations				
77. Amount of Transfer - \$ 3,792				
To: Wages				
From: Administrative and Professional Salaries				
Funds released by the resignation of Joseph Michel, Director of Foreign Language Education Center, were needed for part-time clerical and secretarial help. (RBC# 2237)				
Transfer of Funds				
78. Amount of Transfer - \$ 5,283				
To: Curriculum and Instruction - Teaching Assistants				
From: Dean's Reserve for Faculty Salaries				
Additional Teaching Assistants funds were needed to staff Spring Semester course offerings. (RBC# 2194)				
<u>Health, Physical Education and Recreation</u>				
Salary Increase and Change of Status				
79. Waneen Wyrick (Tenure)				
To: Associate Professor and Acting Chairman	1/16 - 5/31	100	9	15,400
From: Associate Professor	1/16 - 5/31	100	9	<u>14,400</u>
Rate Increase (RBC# 2182)			<u>9</u>	<u>1,000</u>



<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF EDUCATIONHealth, Physical Education and Recreation (Continued)

## Transfer of Funds

80. Amount of Transfer - \$ 4,392

To: Health, Physical Education and Recreation - Classified Personnel

From: Unallocated Classified Personnel

Funds were needed to establish the new position of Administrative Secretary effective January 1, 1973.

(RBC# 2152)

Special Education

## Reappointment

## Instructor

81. Lena H. Peck (Non-tenure) 1/16 - 5/31 100 9 \$ 9,000

Source of Funds: Transfer from the Dean's Reserve

Previous appointment for the Fall Semester was at the same rate.

(RBC# 2310, 1998)

COLLEGE OF ENGINEERINGAerospace Engineering and Engineering Mechanics

## Transfer of Funds

82. Amount of Transfer - \$ 21,605

To: Aerospace Engineering and Engineering Mechanics - Faculty Salaries

From: Unallocated Teaching Salaries

Funds were used to support the salaries of additional faculty members needed for the Spring Semester.

(RBC# 1849, 2233, 2221)

Aerospace Engineering and Engineering Mechanics and Civil Engineering - Architectural Engineering Division

## Interdepartmental Transfer

83. Amount of Transfer - \$ 11,030

To: Aerospace Engineering and Engineering Mechanics - Teaching Assistants (\$ 6,000)  
Civil Engineering - Architectural Engineering Division - Teaching Assistants (\$ 5,030)From: Mechanical Engineering - Teaching Assistants (\$ 6,000)  
Civil Engineering - Meteorology Division - Teaching Assistants (\$ 1,904)  
Civil Engineering - Teaching Assistants (\$ 3,126)

Reallocation of Teaching Assistants funds within the College of Engineering to provide support where needed.

(RBC# 2192, 2294, 2238)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Civil Engineering</u>				
Appointment				
Lecturer				
84. Davis L. Ford (Non-tenure) (RBC# 2307)	1/16 - 5/31	25	9	\$ 13,000
Visiting Professor				
85. Ralph C. G. Haas (Non-tenure) (RBC# 2318)	1/1 - 5/31	--	--	---
Reappointment				
Instructor				
86. Francis L. Endres (Non-tenure)	1/16 - 5/31	75	9	9,600
Source of Funds: Transfer from Unallocated Teaching Salaries				
Previous appointment for the Fall Semester was at the same rate. (RBC# 2335, 2356)				
Assistant Instructor				
87. Edward F. Galwardi (Non-tenure)	1/16 - 5/31	50	9	8,000
Source of Funds: Transfer from Unallocated Teaching Salaries				
Previous appointment for the Fall Semester was at the same rate. (RBC# 2336, 2356)				
Change of Status				
Associate Professor				
88. Benjamin F. McCullough (Tenure)				
To:	9/1 - 5/31	100	9	14,400
From:	9/1 - 1/15	100	9	14,400
	1/16 - 5/31	67		
(RBC# 2319)				
Professor				
89. Clyde E. Lee (Tenure)				
To:	1/16 - 5/31	100	9	18,700
From:	1/16 - 5/31	67	9	18,700
Source of Funds: Transfer from Unallocated Teaching Salaries				
Dr. Lee has resigned his 1/3 T. Original Budget appointment as Director of the Center for Highway Research for the Spring Semester, but will return to it 6/1 - 8/31. (RBC# 2337, 2022, 2356)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Civil Engineering - Architectural Engineering Division</u>				
Reappointment and Salary Increase				
90. Clayford T. Grimm (Non-tenure)				
General Budget Funds -				
Lecturer	1/16 - 5/31	50	9	\$ 17,300
Previous Appointment	9/1 - 1/15	50	9	<u>16,200</u>
Rate Increase			<u>9</u>	<u>1,100</u>
Source of Funds: Transfer from Civil Engineering - Teaching Assistants				
Interagency Contract Funds -				
Project Director	1/1 - 8/31	50	12	23,069
Previous Appointment	12/1 - 12/31	50	12	<u>21,600</u>
Rate Increase (RBC# 2295, 2341, 2334)			<u>12</u>	<u>1,469</u>
Reappointment				
Lecturer				
91. Barton D. Riley (Non-tenure)	1/16 - 5/31	100	9	11,000
Source of Funds: Departmental Faculty Salaries and transfer from Civil Engineering - Teaching Assistants				
Previous appointment for the Fall Semester was at the same rate. (RBC# 2321)				
<u>Electrical Engineering</u>				
Appointment				
Lecturer				
92. Emory C. Garth (Non-tenure) (RBC# 2186)	1/16 - 5/31	33	9	18,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF FINE ARTSOffice of the Dean

## Transfer of Funds

93. Amount of Transfer - \$ 7,325

To: Office of the Dean - Michener Collection

From: Unallocated Maintenance and Operation

To establish a new account from which expenses incident to this collection may be paid.

(RBC# 2358)

## Transfer of Funds

94. Amount of Transfer - \$ 5,892

To: Office of the Dean - Fine Arts Projects - (\$ 3,292)

Office of the Dean - Student Opera Production - (\$ 2,600)

From: Unallocated Maintenance and Operation

To transfer to the Office of the Dean - Fine Arts Project and Student Opera Production accounts amounts equal to the box office receipts from the Fine Arts Festival and the Opera Production "Marriage of Figaro". These funds were deposited to General Budget Income but are needed now to defray expenses incurred in holding the festival and presenting the opera.

(RBC# 2281, 2282)

Art

## Appointment

## Instructor

95. Lewis B. Freestone (Non-tenure)  
(RBC# 2187)

1/16 - 5/31

82.5

## Academic

## Rate

\$ 9,000

## Stipend

\$ 2,000

## Transfer of Funds

96. Amount of Transfer - \$ 6,230

To: Art - Faculty Salaries - (\$ 2,500)

Art - Wages - (\$ 3,730)

From: Dean's Reserve for Faculty Salaries - (\$ 2,500)

Unallocated Classified Personnel - (\$ 3,730)

Funds were used to support the salary of a part-time faculty member and for Assistants needed for the Spring Semester.

(RBC# 1936, 2357)

Art Teaching Gallery

## Transfer of Funds

97. Amount of Transfer - \$ 2,163

To: Art-Teaching Gallery - Wages

From: Unallocated Classified Personnel

To reimburse the Art Gallery's wages account for expenses incurred in connection with the Michener Collection.

(RBC# 2359)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF FINE ARTS (Continued)Music

## Transfer Between Dissimilar Appropriations

98. Amount of Transfer - \$ 442

To: Teaching Assistants - (\$ 310)  
Wages - (\$ 132)

From: Visiting Lecturers - (\$ 310)  
Maintenance and Operation - (\$ 132)

Funds were needed for a Teaching Assistant due to heavy registration in Cello and for an assistant to prepare a set of slides and tapes used in Music 605a classes.  
(RBC# 2267, 2197)

SCHOOL OF LAW

## Reappointment

Lecturer

99. Hugh S. Lowe (Non-tenure) 1/16 - 5/31 50 9 \$ 14,000

Previous appointment for the Fall Semester was at the same rate.  
(RBC# 1796)

## Transfer Between Dissimilar Appropriations

100. Amount of Transfer - \$ 6,222

To: Wages

From: Faculty Salaries

Funds available in the Faculty Salaries account will be used for assistants for the Summer Session.  
(RBC# 1528, 2205)

GRADUATE SCHOOL OF LIBRARY SCIENCE

## Transfer of Funds

101. Amount of Transfer - \$ 2,800

To: Graduate School of Library Science -  
Faculty Salaries

From: Unallocated Teaching Salaries

These funds were used to support the salary of Associate Professor Chester V. Kielman whose Spring Semester appointment was docketed for the January 26, 1973, Board Meeting. (See U. T. Austin Docket page A-45, Item 106).  
(RBC# 2258)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF PHARMACY

## Reappointment

## Instructor

102. Gustavo R. Ortega (Non-tenure)	1/16 - 5/31	100	9	\$ 9,000
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Source of Funds:  
Transfer from Unallocated  
Teaching Salaries

Previous appointment was  
at the same rate.  
(RBC# 2177, 2222)

## Transfer Between Dissimilar Appropriations

103. Amount of Transfer - \$ 491

To: Visiting Lecturers and Consultants

From: Administrative and Professional Salaries

Funds available in the Administrative and Professional Salaries  
account were needed for Dr. James T. Doluisio, who visited the  
Austin campus February 18 - 20.  
(RBC# 2399)

COMMUNICATION CENTER

## Transfer of Funds

104. Amount of Transfer - \$ 4,806

To: Communication Center - Maintenance  
and Operation

From: Unallocated Maintenance and Operation

To reimburse the Center's Maintenance and Operation account in the  
amount equal to fees collected from radio stations participating in  
the Longhorn Network Programming service. These funds were deposited  
to General Budget Income but are needed now by the Center to defray  
expenses of mailing and producing program tapes and for other expenses  
incurred by this operation.  
(RBC# 2260)

LBJ SCHOOL OF PUBLIC AFFAIRS

## Appointment

## Lecturer

105. Glenn H. Ivy (Non-tenure) (RBC# 2393)	2/26 - 5/31	50	9	\$ 20,000
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## Resignation

## Acting Director Bureau of Government Research

106. Richard C. Dubielzig (Non-tenure)	10/23 - 5/31	50	12	20,000
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Date of Resignation 2/28/73

Concurrent Employment:  
LBJ School of Public Affairs  
Lecturer  
(RBC# 2242)

9/1 - 5/31	50	9	15,000
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<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

UNALLOCATED

## Transfer of Funds

107. Amount of Transfer - \$ 150,000

To: Unallocated Classified Personnel - \$ 50,000  
 Unallocated Maintenance and Operation - \$ 100,000

From: Unallocated Teaching Salaries

Additional funds were needed in the Unallocated Classified Personnel Account as the across-the-board 6.8% rate increases required more funds than were anticipated. The transfer to the Unallocated Maintenance and Operation account was needed for expenses such as micro-filing Registrar's records, establishing the Visitors Center, funding of the operation of the Michener Collection, etc., which were not provided for in original estimates of maintenance and operation requirements.

(RBC# 2414, 2350)

OFFICE OF THE COORDINATOR OF UNIVERSITY PUBLICATIONSOffice of the Coordinator of University Publications and Humanities Research Center

## Change of Status

Coordinator of University Publications

108. David S. Price 9/1 - 8/31 100 12 \$ 18,263

To: Office of the Coordinator of University Publications

From: Humanities Research Center

Mr. Price transferred to this newly established office 12/1/72.

## Source of Funds:

Transfer of Administrative and Professional Salaries from the Humanities Research Center to the Office of the Coordinator of University Publications.

(RBC# 1688, 1689, 1693)

LIBRARY

## Appointment

Professional Librarian

109. Molly T. White 1/22 - 8/31 100 12 8,900  
(RBC# 2208)

Professional Librarian

110. Jo Nell O. Hintner 1/1 - 8/31 100 12 10,800  
(RBC# 2207)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>LIBRARY (Continued)</u>				
Appointment				
Professional Librarian - Special Assistant for Library Automation 111. Edward A. Eaton, III (RBC# 2171)	1/1 - 5/31	50	12	\$ 9,000
Professional Librarian - Assistant Director for Public Services 112. Gary L. Menges (RBC# 2206)	2/1 - 8/31	100	12	17,000
Professional Librarian (Cataloger) 113. Ana S. Carney (RBC# 2369)	2/1 - 8/31	100	12	10,200
Professional Librarian (Cataloger) 114. Marilyn T. Emery (RBC# 2367)	2/6 - 8/31	100	12	8,900
Professional Librarian (Cataloger) 115. Ursula K. Scott (RBC# 2368)	2/1 - 8/31	100	12	9,400
Resignation				
Professional Librarian 116. Dedra O. Diehl	9/1 - 8/31	100	12	9,000
Date of Resignation (RBC# 2172)	1/31/73			
Transfer of Funds				
117. Amount of Transfer - \$ 3,778				
To: Library - Books, Periodicals and Bindings				
From: Law Library - Administrative and Professional Salaries				
Funds available in the Law Library's Administrative and Professional Salaries account were needed for books, periodicals and bindings. (RBC# 1588, 2204)				

ORGANIZED RESEARCHBureau of Engineering Research

## Transfer Between Dissimilar Appropriations

118. Amount of Transfer - \$ 20,000

To: Research Engineers and Assistants

From: Maintenance and Operation

Reallocation of funds to meet Bureau operational needs.  
(RBC# 2397)



<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>ORGANIZED RESEARCH (Continued)</u>				
<u>Center for Research in Water Resources</u>				
Reappointment				
Technical Director				
119. Leo R. Beard	4/1 - 8/31	100	12	\$ 28,000
Previous appointments were at the same rate. (RBC# 2392)				
Transfer Between Dissimilar Appropriations				
120. Amount of Transfer - \$ 200				
To: Library Acquisitions				
From: Maintenance and Operation				
Reallocation of the Center's funds to permit updating of publications purchases. (RBC# 2289)				
<u>Center for Nuclear Studies</u>				
Transfer Between Dissimilar Appropriations				
121. Amount of Transfer - \$ 4,424				
To: Classified Personnel				
From: Administrative and Professional Salaries				
Reallocation of the Center's salary funds to provide for personnel currently employed. (RBC# 2261)				
<u>Central Animal Facility</u>				
Transfer Between Dissimilar Appropriations				
122. Amount of Transfer - \$ 11,000				
To: Maintenance and Operation				
From: Administrative and Professional Salaries				
Reallocation of funds to provide for upgrading of primate facilities at Balcones Research Center. (RBC# 2215)				
<u>Institute of Latin American Studies</u>				
Change of Status				
Graduate Advisor				
123. Harley L. Browning				
To:	7/16 - 8/31	100	9	16,600
From:	6/1 - 8/31	100	<u>Academic Rate</u> 16,600	<u>Stipend</u> 2,867
Academic Status: Professor (Sociology) (RBC# 2287)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>ORGANIZED RESEARCH (Continued)</u>				
<u>Population Research Center</u>				
Transfer of Funds				
124. Amount of Transfer - \$ 218				
To: Population Research Center - Travel				
From: Unallocated Travel				
<p style="text-align: center;">To provide funds needed for travel expenses of a member of the Center's administrative staff. (RBC# 2283)</p>				
<u>University Research Institute</u>				
Appointment				
Assistant Professor (Chemistry)				
125. Evan P. Kyba				
Summer Faculty Research Assignment (RBC# 2214)	6/1 - 8/31	100	<u>Academic Rate</u> \$ 10,700	<u>Stipend</u> \$ 2,378
<u>DIVISION OF EXTENSION</u>				
<u>Extension Teaching and Field Service Bureau</u>				
Reappointment				
Instructor				
126. Daniel A. Moulton, III	2/1 - 3/31	25	12	7,700
<p style="text-align: center;">Previous appointments were at the same rate. (RBC# 2315)</p>				
Project Administrator				
127. Norvell W. Northcutt	2/1 - 3/31	100	12	21,200
<p style="text-align: center;">Previous appointments were at the same rate.</p>				
Academic Status:				
Assistant Professor (Educational Administration) (RBC# 2333)				
Transfer Between Dissimilar Appropriations				
128. Amount of Transfer - \$ 19,089				
To: Maintenance and Operation				
From: Extension Classes and Consultant Services				
<p style="text-align: center;">Reallocation of the Bureau funds to allow for increased costs incurred on projects covered by reimbursement from Texas Education Agency, special projects and evening school expenses. (RBC# 2271)</p>				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>DIVISION OF EXTENSION (Continued)</u>				
<u>Office of the Dean</u>				
Reappointment and Change of Status Director of Management Development Programs				
129. Robert E. Anderson				
To:	2/1 - 8/31	100	12	\$ 16,020
			Twelve Months	
From:	2/1 - 2/28	PT	<u>Rate</u>	<u>Stipend</u>
			\$ 16,020	332
Source of Funds:				
General Budget Funds	2/1 - 2/28	25		
Revolving Funds	2/1 - 2/28	75		
	3/1 - 8/31	100		
(RBC# 2313, 2240, 2390)				

PHYSICAL PLANTPort Aransas Marine Institute

## Interdepartmental Transfer

130. Amount of Transfer - \$ 324

To: Administration - Classified Personnel

From: Building Maintenance - Classified Personnel

Funds were used for a merit increase for the Marine Laboratory Manager effective March 1, 1973.

(RBC# 2326)

ACADEMIC DEVELOPMENT PROGRAMOffice of the Provost

## Interdepartmental Transfer

131. Amount of Transfer - \$ 300

To: Office of the Provost - Junior Fellows

From: Office of the Dean - Division of General and Comparative Studies - Academic Development Funds

Funds will be used for additional support for Junior Fellows.

(RBC# 2345)

Classics

## Interdepartmental Transfer

132. Amount of Transfer - \$ 40

To: Classics - Academic Development Fund

From: Office of the Dean, General and Comparative Studies - Academic Development Fund

Funds were used for program development of Archaeological Studies.

(RBC# 2346)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

ACADEMIC DEVELOPMENT PROGRAM (Continued)History

## Interdepartmental Transfer

133. Amount of Transfer - \$ 1,355

To: History - Academic Development Fund

From: Division of General and Comparative Studies -  
Office of the Dean - Academic Development FundsFunds will be used to support the summer research project of  
Assistant Professor of History, Richard H. Pells.  
(RBC# 2305)Academic Development Fund

## Transfer of Funds

134. Amount of Transfer - \$ 9,597

Transfers were made to the following Dean's Offices from the Academic  
Development Allotment account -

- (1) Division of General and Comparative Studies - \$ 350  
(RBC# 2382)
- (2) College of Engineering - \$ 9,247  
(RBC# 2413)

SPONSORED PROJECTSHistory

## Appointment

Social Science Research Associate (Faculty)

135. Richard Graham                      6/1 - 8/31              100              9              \$ 16,200

Source of Funds:  
National Endowment for the  
Humanities GrantAcademic Status:  
Associate Professor  
(History)  
(RBC# 2420)Psychology

## Appointment

Social Science Research Associate (Faculty)

136. Robert L. Helmreich                      6/1 - 8/31              100              9              16,600

Source of Funds:  
NASA ContractAcademic Status:  
Associate Professor  
(Psychology)  
(RBC# 2213)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Astronomy</u>				
Appointment				
137. J. Roger Angel	1/16 - 5/31	100	9	\$ 19,000
Source of Funds: NSF - University Science Development Program (RBC# 2374)				
138. Karl G. Henize	10/2 - 6/30	---	---	---
Dr. Henize's appointment is in connection with a NASA Contract. (RBC# 2255)				
139. James D. Wray	3/1 - 6/30	100	12	19,860
Change of Status Change Title Only: To: Research Scientist From: Special Research Associate (RBC# 2421)				
<u>Botany</u>				
Appointment				
140. Theodore Delevoryas	6/1 - 7/31	100	9	20,000
Source of Funds: NSF Grant				
Academic Status: Professor (Botany) (RBC# 2403)				
141. Irwin Spear	6/1 - 8/31	100	9	16,500
Source of Funds: NSF Grant				
Academic Status: Professor (Botany) (RBC# 2402)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Botany (Continued)</u>				
Appointment				
Director, Research Scientist (Faculty)				
142. Donald A. Levin	6/1 - 7/15	100	9	\$ 18,500
Source of Funds: NSF Grant				
Academic Status: Professor (Botany) (RBC# 2344)				
<u>Zoology</u>				
Appointment				
Research Scientist Assistant II				
143. Martha E. Richardson	2/1 - 8/31	50	12	7,944
Source of Funds: NSF Grant				
Mrs. Richardson is the wife of Associate Professor (Zoology) R. H. Richardson who is the Director of this Grant. (RBC# 2327)				
<u>Bureau of Engineering Research and Electronics Research Center</u>				
Reappointment				
144. Otto M. Friedrich, Jr.				
Bureau of Engineering Research - Texas Atomic Energy Research Foundation Funds				
Research Engineer	11/1 - 4/30	50	12	19,800
Electronics Research Center - U. S. Army Contract Funds				
Assistant Director	1/1 - 3/31	50	12	19,800
Previous appointments were at the same rate. (RBC# 2412, 2170, 2156)				
<u>Center for Economic Development</u>				
Reappointment				
Project Director				
145. Niles M. Hansen	2/1 - 8/31	40	9	26,000
Source of Funds: Office of Economic Opportunity Grant				
Previous appointment was at the same rate				
Concurrent Employment:				
Economics				
Professor	9/1 - 5/31	60	9	26,000
(RBC# 2395)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Center for Numerical Analysis</u>				
Appointment				
Research Scientist				
146. David W. Matula	1/18 - 6/30	100	9	17,334
Source of Funds: U. S. Army Contract (RBC# 2211)				
<u>Center for Plasma Physics and Thermonuclear Research</u>				
Reappointment				
Research Program Manager				
147. Alan B. Macmahon	7/1 - 8/31	50	12	18,900
Source of Funds: NSF Grant				
Previous appointments were at the same rate. (RBC# 2288)				
Appointment				
Research Scientist (Faculty)				
148. Kenneth W. Gentle	6/1 - 7/31	100	9	15,500
Source of Funds: NSF Grant				
Academic Status: Associate Professor (Physics) (RBC# 2340)				
<u>Center for Research in Water Resources</u>				
Appointment				
Research Scientist (Faculty)				
149. Frank D. Masch, Jr.	1/16 - 5/31	25	9	16,600
Source of Funds: NSF Grant				
Concurrent Employment: Civil Engineering				
Professor of Ocean Engineering	1/16 - 5/31	75	9	16,600
(RBC# 2343)				
<u>AUXILIARY ENTERPRISES</u>				
<u>Intercollegiate Athletics</u>				
Appointment				
Assistant Baseball Coach				
150. Gerald T. Daugherty	2/1 - 5/31	50		Stipend \$ 400
(RBC# 2273)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

AUXILIARY ENTERPRISES (Continued)

Intercollegiate Athletics (Continued)

Transfer Between Dissimilar Appropriations

151. Amount of Transfer - \$ 6,314.50

To: Other Expenses

From: Income (ABC-TV)

To transfer funds to an account from which the additional expenses incurred incident to televising the Arkansas and A & M football games may be paid. Additional income has been received from ABC-TV to cover these expenditures.  
(RBC# 2285)

Special Concessions

Transfer of Funds

152. Amount of Transfer - \$1,445

To: Taylor "T" Room

From: President - Special Projects

Funds were needed to hire a part-time janitor to perform the duties of the regular custodial worker who suffered an on-the-job injury and has been on sick leave.  
(RBC# 2275)

CURRENT RESTRICTED

Civil Engineering

Appointment

Research Engineer (Faculty)

153. Gerald A. Rohlich	6/1 - 7/9	100	9	\$ 28,000
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Source of Funds:  
Engineering Foundation -  
C. W. Cook Professorship  
in Environmental Engineering

Academic Status:  
C. W. Cook Professor of  
Environmental Engineering  
(Civil Engineering) and  
Professor (LBJ School of  
Public Affairs)  
(RBC# 2332)



1972-73 BUDGET  
SALARY RATE INCREASES OF \$2,000 OR MORE INVOLVING APPOINTMENTS  
TO A DIFFERENT POSITION AND NEW AND DIFFERENT DUTIES

Source of Funds: Departmental Salaries unless otherwise specified.

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
1.	Elizabeth B. Bosler International Office Graduate School of Social Work	Senior Clerk-Typist	Social Science Research Associate I	
	Salary Rate	\$ 4,200	\$ 6,912	2/12/73
	Source of Funds: Interagency Contract - Department of Public Welfare (RBC# 2416)			
2.	Mauricio E. Charpenel Institute of Latin American Studies	Social Science Research Associate V (F.T.)	Social Science Research Associate V (2/3 T.)	
	Salary Rate - 12 Mos.	\$ 12,816	\$ 12,816	
	Office of Bilingual Education		Acting Director (1/3 T.)	
	Salary Rate - 9 Mos.	\$ 9,612 (equiv.)	\$ 18,000	2/15/73
	(RBC# 2418, 2422)			
3.	Jayant G. Deshpande Electronics Research Center and Electrical Engineering	Research Engineer Assistant III (3/5 T.)		
	Electrical Engineering		Research Engineer Associate III (F.T.)	
	Salary Rate	\$ 8,712	\$ 11,664	1/1/73
	Source of Funds: U. S. Air Force Contract (RBC# 2372)			
4.	Thomas A. Floores (Non-tenure) Extension Teaching and Field Service Bureau	Clerk	Instructor	
	Salary Rate - 12 Mos.	\$ 4,092	\$ 7,200	2/1/73
	(RBC# 2266)			
5.	Lawrence L. Griffin, Jr. (Non-tenure) Chemistry	Teaching Assistant ( $\frac{1}{2}$ T.)	Instructor (1972-73 Only) (F.T.)	
	Academic Rate	\$ 6,000	\$ 9,000	1/16/73
	(RBC# 2248)			

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
6.	John D. Horak Center for Nuclear Studies	Laboratory Research Assistant II ( $\frac{1}{2}$ T.)	Nuclear Technical Specialist I (F.T.)	
	Salary Rate (RBC# 2417)	\$ 4,488	\$ 7,584	2/1/73
7.	Dallas S. Lankford (Non-tenure) Computer Sciences	Research Scientist Assistant II		
	Salary Rate - 12 Mos.	\$ 8,712		
	Mathematics		Instructor (Spring Semester Only)	
	Academic Rate (RBC# 2246)	\$ 6,534 (equiv.)	\$ 9,500	1/16/73
8.	Gordon T. Leifeste Center for Plasma Physics and Thermonuclear Research	Laboratory Research Assistant II	Research Scientist Assistant I	
	Salary Rate	\$ 4,488	\$ 6,588	1/16/73
	Source of Funds: NSF Grant (RBC# 2361)			
9.	John T. Lemley (Non-tenure) Chemical Engineering	Postdoctoral Research Associate	Instructor	
	Salary Rate - 12 Mos.	\$ 8,712		
	Academic Rate	\$ 6,534 (equiv.)	\$ 9,000	1/16/73
	Source of Funds: Transfer from Unallocated Teaching Salaries (RBC# 2309, 2347)			
10.	Mark E. Milburn College of Engineering - Machine Shop	Technical Staff Assistant II	Instrument Maker I (Trainee)	
	Salary Rate	\$ 4,896	\$ 7,236	2/1/73
	Source of Funds: College of Engineering- Machine Shop - Revolving Fund (RBC# 2322)			
11.	James S. Mitchell (Non-tenure) Civil Engineering	Assistant Instructor ( $\frac{3}{4}$ T.)	Assistant Professor (F.T.)	
	Academic Rate (RBC# 2363)	\$ 8,000	\$ 11,000	1/16/73

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
12.	Ien H. Oei Electrical Engineering	Research Engineer Assistant III	Research Engineer Associate III	
	Salary Rate	\$ 8,712	\$ 11,664	1/1/73
	Source of Funds: Atomic Energy Commission Contract (RBC# 2373)			
13.	Richard L. Rolleigh Center for Particle Theory	Research Scientist Assistant II ( $\frac{1}{2}$ T.)		
	Applied Research Laboratories		Research Scientist Associate IV (F.T.)	
	Salary Rate	\$ 7,944	\$ 14,100	2/12/73
	Source of Funds: Government Contract - Payroll Clearing Account (RBC# 2360)			
14.	Reinhard Sander (Non-tenure) English	Teaching Assistant	Assistant Instructor	
	Academic Rate	\$ 6,400 (1971-72)	\$ 8,400	1/16/73
	(RBC# 2364)			
15.	James F. Scaief Center for Research in Water Resources	Laboratory Research Assistant II ( $\frac{1}{2}$ T.)		
	Environmental Health Engineering		Research Engineer Associate I (F.T.)	
	Salary Rate	\$ 4,896	\$ 10,248	1/25/73
	Source of Funds: Interagency Contract (RBC# 2396)			
16.	Walter E. Skipwith Civil Engineering	Laboratory Research Assistant II	Research Engineer Assistant I	
	Salary Rate	\$ 4,488	\$ 7,584	1/1/73
	Source of Funds: U. S. Army Contract (RBC# 2218)			
17.	Corinne S. Slemenda Student Financial Aids	Administrative Clerk	Student Development Specialist II	
	Salary Rate	\$ 5,364	\$ 7,944	1/17/73
	(RBC# 2186)			

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
18.	Fadlo T. Touma (Non-tenure) Center for Highway Research	Research Engineer Assistant III ( $\frac{1}{2}$ T.)		
	Salary Rate - 12 Mos.	\$ 9,096		
	Civil Engineering		Instructor (2/3 T.)	
	Academic Rate (RBC# 2362)	\$ 6,822 (equiv.)	\$ 10,000	1/16/73
19.	Sara M. Tucker Measurement and Evaluation Center	Statistical Clerk I	Computer Operator I	
	Salary Rate (RBC# 2257)	\$ 4,896	\$ 7,236	2/1/73
20.	Triveni N. Upadhyay Electrical Engineering	Research Engineer Assistant III	Research Engineer Associate III	
	Salary Rate	\$ 8,712	\$ 11,664	1/1/73
	Source of Funds: U. S. Air Force Contract (RBC# 2370, 2371)			
21.	John J. Vanecek (Non-tenure) Art	Teaching Assistant (50% T.)	Instructor (32.5% T.)	
	Academic Rate (RBC# 2184)	\$ 5,000	\$ 9,000	1/16/73
22.	Harry E. Wachsmann Office of Accounting	Accounting Clerk III	Accounting Group Supervisor	
	Salary Rate (RBC# 2366)	\$ 6,588	\$ 11,148	3/1/73
23.	Eugene H. Wissler (Tenure) Chemical Engineering	Professor	Henry Beckman Professor	
	Academic Rate	\$ 21,500	\$ 21,500	
	Henry Beckman Professorship Stipend- Current Restricted Funds		<u>2,500</u>	
	Salary Rate - 9 Mos. (RBC# 2400, 2401)	<u>\$ 21,500</u>	<u>\$ 24,000</u>	12/8/72

1973 SUMMER SESSION BUDGET

The following Summer Session Budget is allocated within funds set aside in the original operating budget previously approved by the Board for this purpose. The Summer Session includes generally two terms -- the First Term running June 1 through July 15, and the Second Term from July 16 through August 31. Certain courses are scheduled on an overlapping nine weeks basis (June 1 through July 31), and others on a full twelve weeks basis (June 1 through August 31). Salary calculations are pro rata based on the nine-month academic rate with a cut-off for this purpose at a ceiling of \$18,000, the same as used in previous years. No merit salary rate increases are permitted in the Summer Session Budget.

THE UNIVERSITY OF TEXAS AT AUSTIN  
EDUCATIONAL AND GENERAL  
ALLOCATION FOR 1973 SUMMER SESSION

## T A B L E O F C O N T E N T S

THE UNIVERSITY OF TEXAS AT AUSTIN  
EDUCATIONAL AND GENERAL  
ALLOCATION FOR 1973 SUMMER SESSION

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THE UNIVERSITY OF TEXAS AT AUSTIN  
 EDUCATIONAL AND GENERAL  
 1973 SUMMER SESSION ALLOCATION

Appropriation for 1973 Summer Session		
(See Budget adopted by the Board of Regents, page 467)		\$2,942,000
Lyndon B. Johnson School of Public Affairs		<u>7,916</u>
		\$2,949,916
Allocations for 1972 Summer Session		
3. Resident Instruction		
3a Faculty Salaries	\$2,877,360	
3b Departmental Operating Costs	838	
3c Instructional Administration	<u>21,241</u>	<u>\$2,899,439</u>
Unallocated Summer Session Balance		\$ 50,477

THE UNIVERSITY OF TEXAS AT AUSTIN  
 1973 SUMMER SESSION ALLOCATION  
 (Elements of Institutional Cost)

3. RESIDENT INSTRUCTION

	<u>TOTAL RESIDENT INSTRUCTION</u>	<u>FACULTY SALARIES</u>	<u>DEPARTMENTAL OPERATING COSTS</u>	<u>INSTRUCTIONAL ADMINISTRATION</u>
SCHOOL OF ARCHITECTURE	\$ 54,153	\$ 54,153	\$	
COLLEGE OF HUMANITIES				
Classics	35,229	35,229		
English	165,000	165,000		
French and Italian	47,526	47,526		
Germanic Languages	44,798	44,798		
Oriental and African Languages	15,261	15,261		
Philosophy	26,065	26,065		
Slavic Languages	15,097	15,097		
Spanish and Portuguese	73,817	73,817		
Office of the Dean	3,201	3,201		
Sub-Total	<u>425,994</u>	<u>425,994</u>		
COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES				
Anthropology	27,306	27,306		
Economics	42,000	42,000		
Geography	23,265	23,265		
Government	74,792	74,792		
History	73,000	73,000		
Linguistics	13,282	13,282		
Psychology	49,000	49,000		
Sociology	34,999	34,999		
Sub-Total	<u>337,644</u>	<u>337,644</u>		
COLLEGE OF NATURAL SCIENCES				
Astronomy	12,439	12,439		
Division of Biological Sciences	16,383	16,383		
Botany	13,601	13,601		
Chemistry	64,062	64,062		

3. RESIDENT INSTRUCTION (Continued)

	<u>TOTAL RESIDENT INSTRUCTION</u>	<u>FACULTY SALARIES</u>	<u>DEPARTMENTAL OPERATING COSTS</u>	<u>INSTRUCTIONAL ADMINISTRATION</u>
COLLEGE OF NATURAL SCIENCES (Cont'd)				
Computer Sciences	24,413	24,413		
Geological Sciences	40,882	40,882		
Home Economics	21,148	21,148		
Mathematics	158,000	158,000		
Microbiology	25,870	25,870		
Physics	32,230	32,230		
Zoology	44,000	44,000		
Sub-Total	<u>453,028</u>	<u>453,028</u>		
DIVISION OF GENERAL AND COMPARATIVE STUDIES				
American Studies	9,932	9,932		
Asian Studies	3,950	3,950		
Ethnic Studies	12,966	12,966		
Middle Eastern Studies	10,549	10,549		
Office of the Dean	5,270	5,270		
Sub-Total	<u>42,667</u>	<u>42,667</u>		
COLLEGE OF BUSINESS ADMINISTRATION				
Accounting	61,428	61,428		
Finance	42,788	42,788		
General Business	60,832	60,832		
Management	46,245	46,245		
Marketing	36,163	36,163		
Office of the Dean	10,544	10,544		
Sub-Total	<u>258,000</u>	<u>258,000</u>		
SCHOOL OF COMMUNICATION				
Journalism	32,799	32,799		
Radio-Television-Film	19,008	19,008		
Speech	44,888	44,888		
Office of the Dean	5,800	5,800		
Sub-Total	<u>102,495</u>	<u>102,495</u>		

3. RESIDENT INSTRUCTION (Continued)

	<u>TOTAL RESIDENT INSTRUCTION</u>	<u>FACULTY SALARIES</u>	<u>DEPARTMENTAL OPERATING COSTS</u>	<u>INSTRUCTIONAL ADMINISTRATION</u>
COLLEGE OF EDUCATION				
Cultural Foundations of Education	22,920	22,920		
Curriculum and Instruction	143,786	143,786		
Educational Administration	41,831	41,831		
Educational Psychology	70,966	70,966		
Health, Physical Education, & Recreation	36,905	36,905		
Special Education	46,908	46,908		
Office of the Dean	6,788		838	5,950
Sub-Total	<u>370,104</u>	<u>363,316</u>	<u>838</u>	<u>5,950</u>
COLLEGE OF ENGINEERING				
Aerospace Engineering & Engineering Mechanics	32,680	32,680		
Engineering Mechanics Division	25,780	25,780		
Chemical Engineering	20,433	20,433		
Civil Engineering	40,635	40,635		
Architectural Division	16,748	16,748		
Meteorology Division	4,941	4,941		
Electrical Engineering	58,363	58,363		
Biomedical Engineering Program	2,833	2,833		
Mechanical Engineering	61,336	61,336		
Engineering Graphics Division	6,866	6,866		
Petroleum Engineering	9,849	9,849		
Office of the Dean	536	536		
Sub-Total	<u>281,000</u>	<u>281,000</u>		
COLLEGE OF FINE ARTS				
Art	60,000	60,000		
Drama	45,000	45,000		
Music	174,900	174,900		
Office of the Dean	10,000	10,000		
Sub-Total	<u>289,900</u>	<u>289,900</u>		

3. RESIDENT INSTRUCTION (Continued)

	<u>TOTAL RESIDENT INSTRUCTION</u>	<u>FACULTY SALARIES</u>	<u>DEPARTMENTAL OPERATING COSTS</u>	<u>INSTRUCTIONAL ADMINISTRATION</u>
SCHOOL OF LAW	<u>111,858</u>	<u>107,166</u>	<u>          </u>	<u>4,692</u>
GRADUATE SCHOOL OF LIBRARY SCIENCES	<u>49,000</u>	<u>49,000</u>	<u>          </u>	<u>          </u>
OFFICE OF THE GRADUATE DEAN	<u>10,599</u>	<u>          </u>	<u>          </u>	<u>10,599</u>
COLLEGE OF PHARMACY	<u>75,000</u>	<u>75,000</u>	<u>          </u>	<u>          </u>
GRADUATE SCHOOL OF SOCIAL WORK	<u>30,081</u>	<u>30,081</u>	<u>          </u>	<u>          </u>
LYNDON B. JOHNSON SCHOOL OF PUBLIC AFFAIRS	<u>7,916</u>	<u>7,916</u>	<u>          </u>	<u>          </u>
TOTAL RESIDENT INSTRUCTION	<u>\$2,899,439</u>	<u>\$ 2,877,360</u>	<u>\$ 838</u>	<u>\$ 21,241</u>

**Pages 2459 – 2571 are intentionally left blank**

**(Noted: May 12, 2009)**

## THE UNIVERSITY OF TEXAS AT DALLAS

March 28, 1973

Dr. Charles A. LeMaistre  
Chancellor  
The University of Texas System  
601 Colorado St.  
Austin, Texas 78701

Dear Chancellor LeMaistre:

The following docket for The University of Texas at Dallas is submitted for your approval and submission to the Board of Regents at its meeting on April 24, 1973. The submitted docket contains sixteen pages.

Sincerely,



Bryce Jordan  
President

dm  
Attachment

## THE UNIVERSITY OF TEXAS AT DALLAS

GIFT

The following gift in excess of \$5,000 has been received at The University of Texas at Dallas. I recommend acceptance and that the thanks and appreciation of the Board be sent the donor by the Secretary.

<u>DONOR</u>	<u>PURPOSE AND CONDITIONS</u>	<u>AMOUNT</u>
1. Mrs. Eugene McDermott The McDermott Foundation 3300 Republic Bank Tower Dallas, Texas 75201	The McDermott Art Acquisition Fund	\$10,000

ACADEMIC AND BUSINESS CONTRACTS AND AGREEMENTS

The following contracts and agreements have been executed by the appropriate official, and I recommend ratification:

- Interagency agreement IAC(72-73)-1060 dated December 8, 1972 and signed by Vice President for Business Affairs S. C. Fallis whereby The University of Texas at Arlington will provide certain composition and printing services to The University of Texas at Dallas for the period December 10, 1972 through December 21, 1972 for an amount not to exceed \$1,018.00.
- Interagency agreement IAC(72-73)-1102 dated February 22, 1973 and signed by Vice President for Business Affairs S. C. Fallis whereby The University of Texas at Arlington will provide certain reproduction and assembly services to The University of Texas at Dallas for the period March 1, 1973 through August 31, 1973 for an amount not to exceed \$25,000.00.
- Memorandum of Understanding dated March 9, 1973 signed by Vice President for Business Affairs S. C. Fallis whereby the Texas A&M University Research and Extension Center at Dallas will provide certain land management and upkeep services for The University of Texas at Dallas on a sharecropping basis for the period March 1, 1973 through March 1, 1974 and year to year thereafter unless sooner terminated by either party.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL)

5.  
Agency: The Bendix Corporation  
Subcontract No.: SC-830, Modification No. 20 (UTD E1670)  
New Funds: \$3,055  
Date: September 14, 1970 - November 30, 1972  
Description: Lunar Atmospheric Composition Experiment  
County of Expenditure: Dallas/Collin

6.  
Agency: Research Corporation  
Grant No.: No. 6882 (UTD E1327-01)  
New Funds: \$5,000  
Date: June 1, 1973 - May 31, 1974  
Description: The Use of Lanthanide Complexes as Aqueous Shift Reagents  
County of Expenditure: Dallas/Collin

7.  
Agency: The Robert A. Welch Foundation  
Grant No.: AT-532 (E1321-01)  
New Funds: \$45,000  
Date: May 1, 1973 - April 30, 1976  
Description: Mechanism and Stereochemistry in [2+2] Photocycloadditions  
County of Expenditure: Dallas/Collin



## THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)

BOARD OF REGENTS MEETING - APRIL 24, 1973

The following contracts, grants and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors, fiscal officers, and the Assistant Director of the Center for Advanced Studies.

Expenditures from these contracts and grants will be made in accordance with regular University operating procedures and contractual limitations. Personnel appointments and changes will be in accordance with University salary rates and approvals. Travel and purchasing conform to established procedures.

1.

Agency: NASA/Headquarters  
 Grant No.: NGR 44-004-150 (UTD E1324-01)  
 New Funds: \$35,000  
 Date: March 15, 1973 - September 14, 1973  
 Description: Data Analysis for ISIS Soft Particle Spectrometer Data  
 County of Expenditure: Dallas/Collin

2.

Agency: NASA/Headquarters  
 Grant No.: NGL 44-004-026, Supplement No. 8 (UTD E1445-03)  
 New Funds: \$290,000  
 Date: April 1, 1973 - March 31, 1976  
 Description: Interdisciplinary Study of Planetary Atmospheres  
 County of Expenditure: Dallas/Collin

3.

Agency: NASA/Headquarters  
 Grant No.: NGL 44-004-121, Supplement No. 1 (UTD E1698-01)  
 New Funds: None  
 Date: November 1, 1972 - June 30, 1973 (Time Extension Granted)  
 Description: Specific Problems in Cosmic Ray Research Soluble Through Use of Pioneer 6 - 9 Spacecraft  
 County of Expenditure: Dallas/Collin

4.

Agency: NASA/Langley Research Center  
 Contract No.: NAS1-9699, Modification No. 9 (E1665)  
 New Funds: None  
 Date: April 8, 1970 - March 31, 1977  
 Description: Science Planning for Viking 1975 Missions (Entry Science)  
 (Decrease of \$15,000 in the estimated cost of the contract)  
 County of Expenditure: Dallas/Collin

5.

Agency: NASA/Manned Spacecraft Center  
 Grant No.: NGR 44-004-116, Supplement No. 2 (E1659-05)  
 New Funds: \$34,480  
 Date: February 1, 1971 - January 31, 1974  
 Description: Studies Related to the Evolution of the Lunar Soil Materials  
 County of Expenditure: Dallas/Collin

6.

Agency: NASA/Manned Spacecraft Center  
 Contract No.: NAS9-12074, Modification No. 2S (E1691-01)  
 New Funds: \$100,000  
 Date: June 1, 1971 - January 31, 1974  
 Description: Scientific Support of the Lunar Atmospheric Mass Spectrometer  
 County of Expenditure: Dallas/Collin

## THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

7.  
Agency: NASA/Lyndon B. Johnson Space Center  
Contract No.: NAS9-10410, Modification No. 23S (UTD E1660)  
New Funds: \$34,000  
Date: October 27, 1969 - April 30, 1973  
Description: Mass Spectrometers on Apollo's 15 and 16  
County of Expenditure: Dallas/Collin
8.  
Agency: Office of Naval Research  
Contract No.: N00014-67-A-0310-0007, Modification No. 1 (UTD E1307-02)  
New Funds: \$91,400  
Date: March 21, 1972 - December 31, 1973  
Description: Electron Beam-Excited Recombination Laser Feasibility  
County of Expenditure: Dallas/Collin
9.  
Agency: Office of Naval Research  
Contract No.: N00014-67-A-0310-0007, Modification No. 2 (UTD E1307-02)  
New Funds: None  
Date: March 21, 1972 - December 31, 1973  
Description: Electron Beam-Excited Recombination Laser Feasibility  
County of Expenditure: Dallas/Collin
10.  
Agency: Air Force Systems Command  
Contract No.: F19628-72-C-0230, Modification No. P00001 (UTD E1305-02)  
New Funds: \$30,000  
Date: March 1, 1972 - February 28, 1974  
Description: Auroral Data Analysis  
County of Expenditure: Dallas/Collin
11.  
Agency: National Science Foundation  
Grant No.: GA-37114 (UTD E1322-01)  
New Funds: \$85,400  
Date: February 1, 1973 - July 31, 1975  
Description: Excitation of Tropical Emissions  
County of Expenditure: Dallas/Collin
12.  
Agency: National Science Foundation  
Grant No.: GA-37196 (UTD E1325-01)  
New Funds: \$30,000  
Date: February 15, 1973 - July 31, 1974  
Description: Seismic and Gravity Study of the Tectonics of Continental Collision  
in Southern Asia  
County of Expenditure: Dallas/Collin
13.  
Agency: National Science Foundation  
Grant No.: GA-37199X (UTD E1671-03)  
New Funds: \$44,100  
Date: February 15, 1973 - July 31, 1974  
Description: High-Resolution Electrical Study of a Low-Resistivity Low-Velocity  
Zone Related to Tectonics in the Continental Crust  
County of Expenditure: Dallas/Collin

## THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

14.

Agency: National Science Foundation  
 Grant No.: GA-37513 (UTD E1326-01)  
 New Funds: \$11,100  
 Date: March 15, 1973 - August 31, 1974  
 Description: The Lloyd V. Berkner Memorial Symposium on Irregularities in the  
 Equatorial Ionosphere  
 County of Expenditure: Dallas/Collin

15.

Agency: National Cancer Institute, DHEW  
 Fellowship No.: 5 F02 CA52244-02 (CA-90-73) (UTD E1302-02)  
 New Funds: \$6,500  
 Date: January 1, 1973 - December 31, 1973  
 Description: Public Health Service Postdoctoral Fellowship Award for Carla C. Gray  
 County of Expenditure: Dallas/Collin

16.

Agency: National Cancer Institute, DHEW  
 Fellowship No.: 5 F02 CA52244-02 (CA-124-73) (UTD E1302-02)  
 New Funds: \$1,000  
 Date: January 1, 1973 - December 31, 1973  
 Description: Public Health Service Postdoctoral Fellowship Supply Allowance  
 Award for Carla C. Gray  
 County of Expenditure: Dallas/Collin

17.

Agency: National Institute of General Medical Sciences, DHEW  
 Grant No.: 5 R01 GM16547-08 (UTD E1455-08)  
 New Funds: \$54,518 Direct Costs (Applicable indirect costs will be provided on  
 a summary notice)  
 Date: March 1, 1973 - February 28, 1974  
 Description: Repair of Radiation-Damaged Nucleic Acid  
 County of Expenditure: Dallas/Collin

18.

Agency: NASA/Goddard Space Flight Center  
 Contract No.: NAS5-9311, Modification No. 24 (UTD E1468-02)  
 New Funds: None  
 Date: March 23, 1966 - June 30, 1973  
 Description: Ionspheric Duct Detector  
 County of Expenditure: Dallas/Collin

19.

Agency: NASA/Goddard Space Flight Center  
 Contract No.: NAS5-11003, Modification No. 14, (UTD E1498)  
 New Funds: (\$32,000) Deobligation of funds  
 Date: February 1, 1967 - July 31, 1973  
 Description: Composition Measurement of the Topside Ionosphere Using a Magnetic  
 Mass Spectrometer  
 County of Expenditure: Dallas/Collin

## THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

20.

Agency: NASA/Goddard Space Flight Center  
 Contract No.: NAS5-11003, Modification No. 15 (UTD E1498)  
 New Funds: None  
 Date: February 1, 1967 - December 31, 1973  
 Description: Composition Measurements of the Topside Ionosphere Using a Magnetic Mass Spectrometer  
 County of Expenditure: Dallas/Collin

21.

Agency: NASA/Goddard Space Flight Center  
 Contract No.: NAS5-11011, Modification No. 15 (UTD E1602)  
 New Funds: \$32,000  
 Date: February 1, 1967 - December 31, 1973  
 Description: A Soft-Particle Spectrometer for the ISIS-B Satellite  
 County of Expenditure: Dallas/Collin

22.

Agency: NASA/Goddard Space Flight Center  
 Contract No.: NAS5-11406, Modification No. 6 (UTD E1678)  
 New Funds: \$32,000  
 Date: April 6, 1971 - June 30, 1973  
 Description: Atmosphere Explorer Magnetic Ion Mass Spectrometer Experiment  
 County of Expenditure: Dallas/Collin

23.

Agency: National Science Foundation  
 Grant No.: GA-37161 (UTD E1323-01)  
 New Funds: \$46,500  
 Date: February 15, 1973 - July 31, 1975  
 Description: Th<sup>232</sup> - Pb<sup>208</sup> Geochronology  
 County of Expenditure: Dallas/Collin

24.

Agency: Air Force Systems Command  
 Contract No.: AF19(628)-5039 (UTD E1436)  
 New Funds: (\$97.60) Deobligation due to negotiated indirect cost rate  
 Date: N/A  
 Description: Infrared Absorption Program  
 County of Expenditure: Dallas/Collin

## THE UNIVERSITY OF TEXAS AT DALLAS

1972-73 THE UNIVERSITY OF TEXAS AT DALLAS CATALOG: AN ADDENDUM

Approval is requested for the publication of the curriculum for the Graduate Program in Environmental Sciences as an addendum to The University of Texas at Dallas Catalog 1972-73. The curriculum is shown on the following pages D-7 through D-12.

GRADUATE PROGRAM IN ENVIRONMENTAL SCIENCES (M.S., Ph.D.)

Professors: F. S. Johnson, E. J. Fenyves, C. L. Lundell, P. L. Odell

Associate Professors: H. Gutz, M. Halpern, M. H. Patrick

Assistant Professor: W. Manton

Lecturer: J. L. Crowson

Objectives

The basic objective of the Graduate Program in Environmental Sciences is to train a new professional to analyze and provide solutions for a broad range of practical environmental problems. This multidisciplinary program is designed to produce graduates who are not only skilled and knowledgeable in the scientific/technical aspects of the environmental problems but who also will be sensitive to the need for understanding by the community-at-large.

Programs

There are six areas of specialization in the Environmental Sciences Program: Air Pollution; Water and Soil Pollution; Energy Resources and Radioactive Pollution; Ecology; Land Use and Landscape Architecture; and the Management, Social and Economic Aspects of Environmental Sciences. First-year students will normally complete Core Courses that give a review of the fundamentals of these fields, and take some seminars and elective courses. Some students may find it necessary to take a survey course in applied mathematics as a first semester elective.

After the first year the student may proceed to advanced course work in any of the six general areas, or in a combination of them, best fitting his own particular goals and immediate situation. The course work includes lectures, laboratory and field courses. Research work may be undertaken in any of the six areas on-or-off campus with particular emphasis on the analysis and solution of practical problems.

Facilities

Equipment and facilities are available in various special fields of physics, chemistry, biology and geological sciences, and can be applied to environmental studies. The completion of the construction of a new Environmental Sciences building equipped with special facilities and instruments is scheduled for early 1974.

Specific Degree Requirements

Those students choosing to enter the program should have a Bachelor's Degree in a basic science, including the mathematical sciences (or operations research), or in engineering. Those possessing a degree in mathematical sciences (or operations research) should have a strong minor in one of the natural sciences.

## THE UNIVERSITY OF TEXAS AT DALLAS

GRADUATE PROGRAM IN ENVIRONMENTAL SCIENCES (M.S., Ph.D.) (continued)

Each entering student is expected to complete successfully the eighteen hour block of core courses, 501, 502, 510, 511, 520, and 530. There are three ways a student can satisfy the requirements for the Master of Science Degree. In addition to the core courses, a student must complete

- (1) six hours of electives selected from one of the topics area, and
- (2) a master's thesis

or

- (1) six hours of electives selected from one of the topics area, and
- (2) an internship at a local industry or government laboratory

or

- (1) eighteen hours of electives.

Those students wishing to pursue the Doctor of Philosophy Degree must have a Master of Science Degree in Environmental Sciences from The University of Texas at Dallas or its equivalent. The Ph.D. Program requires a major concentration in three of the six areas of study and a minor concentration in two areas. A dissertation is required and must be, as a result of independent investigation in the student's major area, an original contribution to scholarship. Research leading to the granting of the degree is expected to require the equivalent of a full-time effort for a period of at least one year.

## ENVIRONMENTAL SCIENCES COURSES

CORE CURRICULUM

<u>Course</u>	<u>Description</u>
ENV 501	Natural Resources I: Air (3 semester hours) Atmospheric physics, physical meteorology, and environmental micrometeorology; sources, fate, and monitoring of air pollutants. (3-0)
ENV 502	Natural Resources II: Water (3 semester hours) Hydrologic systems, water resources; sources, fate, and monitoring of pollutants. (3-0)
ENV 510	Ecology I (3 semester hours) Earth processes: Geological evolution, soil dynamics, geography of the earth, emergence and stabilization of biological diversity, population dynamics, ecological equilibria; energy networks in atmosphere. (3-0)
ENV 511	Ecology II (3 semester hours) Man's impact on the biosphere: exploration, exploitation, conservation and development of natural resources. Aspects of comparative physiology; pathology and toxicology of different pollutants. Effects on the biosphere; public health problems. (3-0)
ENV 520	Energy Consumption: Resources and Impact (3 semester hours) Energy need and resources; current technological problem. (3-0)
ENV 530	Economic, Social and Legal Aspects of Environmental Quality (3 semester hours) Introduction to environmental systems analysis; economics of public works and water resource planning; economic, legal, and social problems in pollution control, land use, and resource management. (3-0)

## THE UNIVERSITY OF TEXAS AT DALLAS

GRADUATE PROGRAM IN ENVIRONMENTAL SCIENCES (M.S., Ph.D.) (continued)METEOROLOGY AND AIR POLLUTION

- ENV 601 Meteorology (3 semester hours)  
Absorption, scattering, and distribution of solar radiation in the atmosphere and at the earth surface; water and ice in the atmosphere; atmospheric thermodynamics, hydrodynamics, and instability; transport processes. (3-0)
- ENV 602 Physics and Chemistry of the Lower and Upper Atmosphere (3 semester hours)  
Properties of and interaction between the lower and upper atmosphere; chemistry and transport of air pollutants in the atmosphere. (3-0)
- ENV 603 Biological Effects of Air Pollution (3 semester hours)  
Biological processes involved with the absorption, fate and pathology of air pollutants, effects of air pollution on the biosphere. (3-0)
- ENV 604 Air Pollution Measurements and Control (3 semester hours)  
Sources and characteristics of air pollution, techniques of measurements, air pollution control systems. (3-0)
- ENV 605 Air Pollution and Public Health (3 semester hours)  
Acute and chronic public health aspects of air pollution; problems of detection, correlation, and evaluation of epidemiological data. (3-0)
- ENV 609 Special Topics in Air Pollution Control (3 semester hours)  
May be repeated for credit. (3-0)

HYDROLOGY AND WATER POLLUTION

- ENV 610 Applied Fluid Mechanics (3 semester hours) (3-0)
- ENV 611 Dynamic Hydrology (3 semester hours)  
Transport processes; dynamical modeling; analysis of hydrologic systems; measurement techniques. (3-0)
- ENV 612 Water Resource Systems (3 semester hours)  
Analysis, design and operation of surface and subsurface reservoirs, pipeline systems, channels and river basins. Water quality control: economic and management aspects with particular emphasis on the Texas Water Plan. (3-0)
- ENV 613 Physics and Chemistry of Water and Soil Pollutants (3 semester hours)  
Source, chemistry, and transport of water pollutants. Analysis of water and soil; instrumentation. (3-0)
- ENV 614 Biological Effects of Water and Soil Pollution (3 semester hours)  
Biological processes involved in the absorption, fate, and pathology of water pollutants; effects of water and soil pollution on the biosphere. (3-0)
- ENV 615 Water and Soil Pollution Control (4 semester hours)  
Sources of water and soil pollution; techniques of measurements; methods for solid and liquid waste disposal, design of control systems; legal economical, social and management aspects. (3-3)

## THE UNIVERSITY OF TEXAS AT DALLAS

GRADUATE PROGRAM IN ENVIRONMENTAL SCIENCES (M.S., Ph.D.) (continued)

- ENV 616 Water and Soil Pollution and Public Health (3 semester hours)  
Acute and chronic public health aspects of water and soil pollution;  
problems of detection, correlation, and evaluation of epidemio-  
logical data. (3-0)
- ENV 619 Special Topics in Water Quality Control (3 semester hours)  
May be repeated for credit. (3-0)

ENERGY RESOURCES AND RADIOACTIVE POLLUTION

- ENV 620 Energy Problem in our Technological Civilization (3 semester hours)  
The energy supply: coal, production cycles, world reserves, new  
energy sources. Environmental aspects of various fuels. (3-0)
- ENV 621 Physics and Measurement of Nuclear Radiations (3 semester hours)  
Properties and detection of radioactivity; dosimetry and shielding;  
radiation hazards in environmental systems; maximum permissible  
level of radiations, environmental monitoring and safety measures.  
(3-3)
- ENV 622 Biological Effects of Nuclear Radiations (3 semester hours)  
Immediate and late somatic effects, cellular damage, genetic effects;  
internal and external permissible exposure levels; diagnostic  
procedures; ecological perturbations. (3-0)
- ENV 623 Handling and Disposal of Radioactive Materials (2 semester hours)  
Handling, shielding, storage and transportation of radioactive  
materials; sources and characteristics of radioactive wastes. (2-0)
- ENV 629 Special Topics in Energy Resources (3 semester hours)  
May be repeated for credit. (3-0)

ECOLOGY

- ENV 630 Earth Processes (3 semester hours)  
Geomorphology, igneous and sedimentary processes; evolution of  
continents and oceans; geochemistry of the sedimentary environment.  
(3-0)
- ENV 631 Environmental Biology (3 semester hours)  
Biochemical energetics, genetics, and evolution; physiology and  
interactions with the environment. (3-3)
- ENV 632 Ethnogeography (3 semester hours)  
Exploitation and conservation of renewable natural resources,  
exploration of untouched resources, development of resources. (3-0)
- ENV 633 Mathematical Ecology (3 semester hours)  
A general survey of the mathematical and statistical aspects of  
classical ecology. Population genetics and dynamics; ecology of  
animal communities; food chains and webs. (3-0)
- ENV 634 Agriculture and Environmental Science (3 semester hours)  
A general survey of the environmental aspects of agriculture and  
forestry, land use for food production, pesticides, environmental  
toxicology, food control and public health. (3-0)



## THE UNIVERSITY OF TEXAS AT DALLAS

GRADUATE PROGRAM IN ENVIRONMENTAL SCIENCES (M.S., Ph.D.) (continued)

- ENV 636 Marine Biology and Food Resources of the Oceans (3 semester hours)  
Ecology of micro- and macro-organisms in the seas and estuaries; cycling of energy and matter through the marine ecosystem; food resources of the oceans and their utilization. (3-0)
- ENV 639 Special Topics in Ecology (3 semester hours)  
May be repeated for credit. (3-0)

LAND USE AND LANDSCAPE ARCHITECTURE

- ENV 641 Landscape Design and Construction (3 semester hours)  
Theories and methods in landscape analysis, physiographic and cultural aspects of landscape planning; environmental aspects. (3-0)
- ENV 642 Regional and Urban Landscape Design (3 semester hours)  
Landscape design for the community, renewal and development, social and psychological factors; special problems of metropolitan areas; environmental aspects. (3-0)
- ENV 646 Social, Public Health and Safety Aspects of Landscape Architecture (3 semester hours)  
Social, health and safety aspects of regional and urban planning and development; housing and industrial areas; highways and communication; air quality and water supplies; sewage system and solid waste disposal; policy making, management and administrative problems. (3-0)
- ENV 644 Special Topics in Landscape Architecture (3 semester hours)  
May be repeated for credit. (3-0)

ENVIRONMENTAL MANAGEMENT, SOCIAL AND ECONOMIC PROBLEMS

- MAS 725 Operations Research Techniques for Environmental Quality (3 semester hours)  
Applications of operations research techniques to problems of environmental quality. Critical review of current literature. (3-0)
- MAS 755 Simulation of Management Systems for Environmental Evaluation (3 semester hours)  
Applications of simulation languages and methodologies to problems of environment. Analysis of data generated by simulation models and validation of models and results. (3-0)
- MAS 767 Land Use and Resource Management (3 semester hours)  
Seminar or selected topics in optimal land use models and the environmental and economic trade-offs necessary for effective management. (3-0)
- MAS 768 Economic Planning of the Public Sector (3 semester hours)  
Presents a variety of applications of operations research techniques in the areas of economics, environmental engineering and urban planning. Several quantitative models are examined and the advantage or limitations of each are investigated from a methodological and practical viewpoint. (3-0)

## THE UNIVERSITY OF TEXAS AT DALLAS

GRADUATE PROGRAM IN ENVIRONMENTAL SCIENCES (M.S., Ph.D.) (continued)

- MAS 769           Urban, Regional and Social Problems in Environmental Design  
(3 semester hours)  
Theory of economic discrimination, racial composition of employment and unemployment, discrimination in housing and their environmental interface. Topics also include rural poverty, transportation and tax proposals. (3-0)
- MAS 784           Problems in Environmental Health, Sanitation and Community Planning  
(3 semester hours)  
Seminar on the relationship of environmental health to sanitation and community planning. Qualitative and quantitative models will be evaluated. (3-0)

OTHER COURSES

- ENV 810           Environmental Science Laboratory (3 semester hours)  
Students participate in the analysis and solution of problems, either individually, or as a member of an on-or-off campus interdisciplinary team, in the laboratory or in the field. The student may change his problems at the end of a semester's work; however, since experience on a given problem will provide the basis for the MS thesis, a change in problem may necessitate a longer time to complete the MS degree. (0-9)
- ENV 908           Thesis (3 semester hours)  
May be repeated for credit. (0-9)
- ENV 910           Research in Environmental Science (3 semester hours)  
Open to students who are candidates for the Ph.D. degree. (-0-9)
- ENV 909           Dissertation (3 semester hours)  
May be repeated for credit. (0-9)

THE UNIVERSITY OF TEXAS AT DALLAS  
AMENDMENTS TO THE 1972/73 OPERATING BUDGET  
 BOARD OF REGENTS MEETING - APRIL 24, 1973

GENERAL ADMINISTRATION

Student Services

1. Transfer of Funds  
 Amount of Transfer - \$ 200
- |  |        |
|--|--------|
| From: Student Services Classified Salaries | \$ 200 |
| To: Student Services Travel                | \$ 200 |
- To provide funds for student planning (D59).

Planning & Management Systems

2. Transfer of Funds  
 Amount of Transfer - \$2,300
- |  |          |
|--|----------|
| From: Planning & Management Systems Classified Salaries      | \$ 2,300 |
| To: Planning & Management Systems Maintenance &<br>Operation | \$ 2,000 |
| Planning & Management Systems Equipment                      | \$ 200   |
| Planning & Management Systems Books, Journals<br>& Binding   | \$ 100   |
- To provide funds for unanticipated expenditures (D57).

GENERAL INSTITUTIONAL

Institutional Memberships

3. Transfer of Funds  
 Amount of Transfer - \$ 500
- |   |        |
|---|--------|
| From: Unallocated Maintenance & Operation             | \$ 500 |
| To: Institutional Memberships Maintenance & Operation | \$ 500 |
- To provide funds for membership in Interuniversity Council of the North Texas Area for year 1973 (D58).

## THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1972/73 OPERATING BUDGET (continued)RESIDENT INSTRUCTIONGraduate Program in Physics

4. Transfer of Funds  
 Amount of Transfer - \$ 796
- |       |   |    |     |
|-------|---|----|-----|
| From: | Graduate Program in Physics Faculty Salaries    | \$ | 796 |
| To:   | Graduate Program in Physics Classified Salaries | \$ | 796 |

To provide funds for the establishment of a new jointly supported classified position with the Institute for Physical Sciences (D42).

5. Appoint Stephen M. Curry, Visiting Assistant Professor (non-tenured), at the academic rate of \$9,900 for 100% time for the period 1/16/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D55).

Graduate Program in Mathematical Sciences

6. Reappoint Charles M. Qualline, Jr., Lecturer (non-tenured), at the academic rate of \$8,000 for 25% time for the period 1/16/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D50).
7. Reappoint Raj S. Chhikara, Lecturer (non-tenured), at the academic rate of \$9,600 for 25% time for the period 1/16/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D51).
8. Reappoint Dal C. Gerneth, Lecturer (non-tenured), at the academic rate of \$8,000 for 25% time for the period 1/16/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D52).

Graduate Program in Management and Administrative Sciences

9. Appoint Raymond P. Lutz, Professor (with tenure) and Head of the Graduate Program in Management and Administrative Sciences, at the academic rate of \$20,000 for 100% of time for the period 1/1/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D43).
10. Appoint Allan W. Harbaugh, Lecturer (non-tenured), at the academic rate of \$8,000 for 25% time for the period 1/16/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D44).
11. Appoint Louis B. Wadel, Lecturer (non-tenured), at the academic rate of \$7,200 for 25% time for the period 1/16/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D45).
12. Appoint Charles Ray Johnson, Lecturer (non-tenured), at the academic rate of \$8,000 for 25% time for the period 1/16/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D46).

## THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1972/73 OPERATING BUDGET (continued)Graduate Program in Management and Administrative Sciences (continued)

13. Reappoint Andrew B. Seidel, Lecturer (non-tenured), at the academic rate of \$6,400 for 50% time for the period 1/16/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D47).
14. Reappoint Peter B. Shannon, Lecturer (non-tenured), at the academic rate of \$7,200 for 25% time for the period 1/16/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D48).
15. Appoint Carl M. Peters, Lecturer (non-tenured), at the academic rate of \$14,175 for 25% time for the period 1/1/73 through 5/31/73. Source of funds for this appointment: Departmental Faculty Salaries (D53).

ORGANIZED RESEARCHInstitute for Physical Sciences

16. Transfer of Funds  
Amount of Transfer - \$1,820
- |       |  |          |
|-------|--|----------|
| From: | Institute for Physical Sciences Administrative & Professional Salaries | \$ 1,820 |
| To:   | Institute for Physical Sciences Classified Salaries                    | \$ 1,820 |
- To provide funds for the establishment of a new jointly supported classified position with the Graduate Program in Physics (D42).
17. Transfer of Funds  
Amount of Transfer - \$1,193
- |       |   |          |
|-------|---|----------|
| From: | Institute for Physical Sciences Maintenance & Operation | \$ 1,193 |
| To:   | Institute for Physical Sciences Classified Salaries     | \$ 1,193 |
- To provide funds for the establishment of a new classified position as Research Assistant (D54).

Institute for Geological Sciences

18. Increase the annual rate of Flavian Abramovici, visiting scientist, from \$12,000 to \$12,800 for the period 2/1/73 through 8/31/73 to compensate for his significant contribution to the Electromagnetic Sounding Program. Source of funds for this increase: Institute for Geological Sciences Contract & Grant Research (D56).

## THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1972/73 OPERATING BUDGET (continued)Institute for Geological Sciences (continued)

## 19. Transfer of Funds

Amount of Transfer - \$ 300

From: Institute for Geological Sciences Computer Services	\$ 300
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To: Institute for Geological Sciences Maintenance & Operation	\$ 300
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To provide funds to pay computer expenses from an outside concern, which are categorized as Maintenance & Operation rather than Computer Services which include only internally supplied computer services (D60).

20. Appoint Charles E. Helsley, Research Scientist, at the annual rate of \$26,400 for 25% time to the Institute for Geological Sciences and 50% time to Contract & Grants for the period 6/1/73 through 8/31/73. Source of funds for this appointment: Unallocated Faculty Salaries—\$1,650 and Institute for Geological Sciences Contract & Grants—\$3,300 (D62).

THE UNIVERSITY OF TEXAS AT EL PASO  
El Paso, Texas

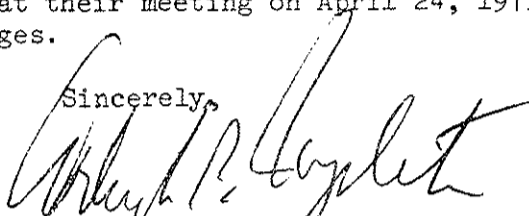
March 21, 1973

Chancellor Charles A. LeMaistre  
The University of Texas System  
601 Colorado Street  
Austin, Texas 78701

Dear Chancellor LeMaistre:

I forward herewith the docket for The University of Texas at El Paso for submission to the Board of Regents at their meeting on April 24, 1973. The docket consists of thirteen (13) pages.

Sincerely,



Arleigh B. Templeton  
President

THE UNIVERSITY OF TEXAS AT EL PASO  
El Paso, Texas

Docket for Meeting April 24, 1973

7

GRADUATE FACULTY MEMBERSHIP

Upon nomination by the appropriate area study committee and review by the membership committee, the Graduate Assembly has recommended the appointment of the following colleagues to the Graduate Faculty. Dean Beasley and I concur.

College of Education  
Health and Physical Education  
Cyrus Mayshark

College of Liberal Arts  
Art  
Robert J. Massey  
English  
Lurline H. Coltharp  
Political Science  
Rudolph Gomez

College of Engineering  
Electrical Engineering  
Jack Smith  
Mechanical Engineering  
John A. Fillo  
Metallurgical Engineering  
Frank E. Rizzo

College of Science  
Biological Sciences  
Richard D. Worthington  
Chemistry  
William C. Herndon

7

LABORATORY FEES

I recommend approval of the following laboratory fees effective for the year beginning September 1, 1973. These new fees and changes in fees have been recommended by the department chairmen and the deans and have administrative approval.

<u>Course</u>	<u>Recommended New Fees</u>	
<u>Music</u>		
1173	\$2.00	
1174	2.00	
<u>Accounting</u>		
3221	2.00	
<u>Business</u>		
3306	6.00	
<u>Biology</u>		
3515	8.00	
3520	8.00	
3514	8.00	
3518	8.00	
3519	8.00	
3521	8.00	
3522	6.00	
3524	8.00	

<u>Course</u>	<u>Recommended Change</u>	
	<u>From</u>	<u>To</u>
<u>Electrical Engineering</u>		
3251 (Deletion)	\$2.00	\$ -0-
<u>Mechanical Engineering</u>		
3485 (Deletion)	2.00	-0-



THE UNIVERSITY OF TEXAS AT EL PASO  
Federal Contracts and Grants  
April 24, 1973

10  
 7

The following contracts, grants and amendments have been negotiated and have been signed by me upon the recommendation of the directors of the projects. I recommend your approval and ratification of the signatures.

1. Contract No. CS 700030100, dated December 11, 1972, whereby the Regional Chief, Division of Property Management and General Services and Contracting Officer, Southwest Region, National Park Service, U. S. Department of the Interior, P. O. Box 728, Santa Fe, New Mexico 87501, authorizes a study to evaluate the cultural and historical resources of the spillway area of the range dam lying within the Northgate National Registry Site in El Paso, Texas during the period December 11, 1972 through March 30, 1973, at a total obligation not to exceed \$5,166.00. The majority of the expenditures from this award will be made in El Paso County.
2. Agreement No. DABE32-73-A-0001, dated January 1, 1973, whereby the Contracting Officer, U. S. Army Defense Center and Fort Bliss Procurement Division, DIO, P. O. Box 6078, Fort Bliss, Texas 79906, contracts with the University to provide instruction with standard offerings of courses available to the public and shall receive payment in accordance with the schedule of tuition and fees in effect at the time the services are performed. This agreement shall commence on January 1, 1973 and continue until terminated at an estimated annual cost of \$21,200.00. The majority of the expenditures from this award will be made in El Paso County.
3. Amendment No. A00001, dated January 26, 1973, to Agreement No. DABE32-73-A-0001, whereby the Contracting Officer, Procurement Division, DIO, P. O. Box 6078, Fort Bliss, Texas 79906, corrects the agreement number to read DABE32-73-A-0002. All other conditions of the contract remain unchanged. The majority of the expenditures from this award will be made in El Paso County.
4. Contract No. V349V-2244, dated January 1, 1973, whereby the Director, VA Regional Office, 1400 N. Valley Mills Drive, Waco, Texas 76710, authorizes the payment of \$37,048.28 for the administration and interpretation of standardized examinations and psychological tests, and the counseling of an average of 30 veterans per month during the period January 1, 1973 through December 31, 1973. The majority of the expenditures from this award will be made in El Paso County.
5. Delivery Order No. F29651-73-M-4093, dated January 31, 1973, to Contract No. F29651-72-C-0345, whereby the Contracting Officer, Base Procurement Office, P. O. Drawer S, Holloman Air Force Base, New Mexico 88330, authorizes the payment of \$239.50 for 21 semester hours of education instruction of military personnel during the 1973 Spring term. The majority of the expenditures from this award will be made in El Paso County.
6. Order No. DO-2, dated January 15, 1973, to Basic Agreement No. DAAD07-73-C-0003, whereby the Contracting Officer, Procurement, White Sands Missile Range, New Mexico 88002, authorizes off-duty academic instruction for an estimated five students and an estimated 16 credit hours for which the government undertakes a maximum total obligation of \$250.00 for the Spring Session 1973. The majority of the expenditures from this award will be made in El Paso County.
7. Contract No. DAAD07-73-C-0127, dated February 13, 1973, whereby the Contracting Officer, Procurement Directorate, Building 1830, STEWS-PR-C, White Sands Missile Range, New Mexico 88002, authorizes the study of conversion methods for calculating infrared radiation transmission through inhomogeneous atmospheres, and the development of the Five-Parameter Band Model II for Molecular absorption during the period February 13, 1973 through January 31, 1974, at a total estimated cost of \$25,519.00. The majority of the expenditures from this award will be made in El Paso County.
8. Amendment No. 7, dated February 13, 1973, to Grant No. OEG-0-71-0547(715), whereby the Chief, Educational Personnel Development Branch, Office of Education, Department of Health, Education and Welfare, Washington, D. C. 20202, adds a Volunteer Component to the Teacher Corps Inservice, Sixth Cycle-2nd Year, Program to permit the hiring of tutors to work with the Teacher Corps Interns during the period February 1, 1973 through May 31, 1973 at a total cost of \$6,474.00. The majority of the expenditures from this award will be made in El Paso County.

Federal Contracts and Grants (Continued)

9. Order No. DABE32-73-D-3115, dated February 23, 1973, to Basic Agreement No. DABD07-71-A-0001, whereby the Contracting Officer, Procurement Division, DIO, P. O. Box 6078, Fort Bliss, Texas 79906 requests that 329 students be enrolled at this institution for on-campus instruction during the Spring Semester 1973 for 1355 credit hours for which the government undertakes a total obligation of \$14,928.75. The majority of the expenditures from this award will be made in El Paso County.

10. Amendment No. P00003, dated March 2, 1973, to Contract No. DAAD07-72-C-0248 whereby the Contracting Officer, Procurement Directorate, STEWS-PR-A, Building 1830, White Sands Missile Range, New Mexico 88002, transfers to the University title to five blackout shades which were government furnished property. No funds are involved in this transfer.

THE UNIVERSITY OF TEXAS AT EL PASO  
Amendments to the 1972-73 Operating Budget  
April 24, 1973

EDUCATIONAL AND GENERALGENERAL ADMINISTRATION AND STUDENT SERVICESOffice of the President1. Transfer of Funds:

From: Unallocated Salaries - Other	\$2,500.00
To: Travel	2,500.00

For: To set up appropriation for travel for the President in the Educational and General Budget effective September 1, 1972. (RBC 176)

2. Accept the resignation of Joseph R. Smiley as President effective December 31, 1972, and lapse to Unallocated Salaries - Other \$18,000.00 budgeted for this position. (RBC 180)

3. Appoint Arleigh B. Templeton as President effective January 1, 1973, at an annual rate of \$42,500.00 with the necessary general funds in the amount of \$18,000.00 to come from Unallocated Salaries - Other. Of the total annual rate, \$27,000.00 is budgeted from Educational and General funds and \$15,500.00 from Frank B. Cotton Trust Funds. (RBC 182)

4. Appoint Joseph R. Smiley as President Emeritus effective January 1, 1973. (RBC 184)

Office of the Vice President for Academic Affairs5. Transfer of Funds:

From: Unallocated Salaries - Other	\$1,500.00
To: Travel	1,500.00

For: To set up appropriation for travel for the Vice President for Academic Affairs in the Educational and General Budget effective September 1, 1972. (RBC 176)

Office of the Vice President for Business Affairs6. Transfer of Funds:

From: Unallocated Salaries - Other	\$3,600.00
To: Travel	3,600.00

For: To set up appropriation for travel for the Vice President for Business Affairs in the Educational and General Budget effective September 1, 1972. (RBC 176)

7. Appoint Paul K. Boyle as Internal Auditor effective January 25 through August 31, 1973, at an annual rate of \$12,400.00 with the necessary funds in the amount of \$7,466.65 to come from Unallocated Salaries - Other. (RBC 197)

Office of the Vice President for Student Affairs8. Transfer of Funds:

From: Unallocated Salaries - Other	\$2,150.00
To: Travel	2,150.00

For: To set up appropriation for travel for the Vice President for Student Affairs in the Educational and General Budget effective September 1, 1972. (RBC 176)

Office of the Business Manager

9. Accept the resignation of Phillip W. Hannum, Director of Accounting, effective January 22, 1973, and lapse to Unallocated Salaries - Other \$7,776.37 budgeted for this position. (RBC 179)

10. Change the status of Richard H. McBride from Assistant Director of Accounting to Director of Accounting effective January 2, 1973, at no increase in his annual rate of \$12,000.00. (RBC 198)

Student Counseling Service

11. Accept the resignation of Paul T. Love, Psychometrist Intern (1/2 Time), effective January 5, 1973, and lapse to Unallocated Salaries - Other \$2,318.97 budgeted for this position. (RBC 243)

EDUCATIONAL AND GENERAL (CONTINUED)GENERAL ADMINISTRATION AND STUDENT SERVICES (CONTINUED)Student Counseling Service (Continued)

12. Appoint Carlos Arreola as Psychometrist Intern (1/4 Time) effective February 1 through August 31, 1973, at a full-time annual rate of \$7,100.00 with the necessary funds in the amount of \$1,035.37 to come from Unallocated Salaries - Other. (RBC 244)

GENERAL INSTITUTIONAL EXPENSEDevelopment Office

13. Increase the annual rate of Earl W. Anderson, Jr., Assistant Director, effective March 1, 1973, from \$10,500.00 to \$12,500.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Other. (RBC 227)

RESIDENT INSTRUCTIONCOLLEGE OF BUSINESS ADMINISTRATIONAccounting

14. Reclassify Jeane E. Taylor from Secretary to Senior Secretary effective January 1, 1973, and adjust her annual rate from \$4,296.00 to \$5,124.00 with the necessary funds in the amount of \$552.00 to come from the appropriation for Wages in the amount of \$400.00 and Maintenance and Operation in the amount of \$152.00. (RBC 169)

15. Reappoint Charles M. Fruithandler (non-tenure) as Instructor (3/4 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$5,800.00 with the necessary funds in the amount of \$2,175.00 to come from the appropriation for Instructors, Part-time in the amount of \$2,050.00 and from Unallocated Salaries - Faculty in the amount of \$125.00. (RBC 195)

Business

16. Reappoint Martha B. Garrison (non-tenure) as Instructor (3/4 Time) effective January 16, 1973 for the 1973 Spring Semester, at her full-time nine-months rate of \$4,800.00 with the necessary funds in the amount of \$1,800.00 to come from the appropriation for Instructors, Part-time. (RBC 212)

17. Reappoint Carl T. Johnson (non-tenure) as Instructor (1/2 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$5,600.00 with the necessary funds in the amount of \$1,400.00 to come from the appropriation for Instructors, Part-time in the amount of \$1,300.00 and from Unallocated Salaries - Faculty in the amount of \$100.00. (RBC 213)

18. Reappoint William G. Shaw (non-tenure) as Instructor (1/2 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$5,600.00 with the necessary funds in the amount of \$1,400.00 to come from Unallocated Salaries - Faculty. (RBC 214)

19. Appoint I. Thomas Sheppard (non-tenure) as Instructor (1/2 Time) effective January 16, 1973 for the 1973 Spring Semester, at a full-time nine-months rate of \$5,600.00 with the necessary funds in the amount of \$1,400.00 to come from Unallocated Salaries - Faculty. (RBC 215)

Economics and Finance

20. Change the status of John M. Richards (tenure) from Professor (38/100 Time) to Professor (46/100 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$18,750.00 with the necessary funds in the amount of \$781.00 to come from Unallocated Salaries - Faculty. (RBC 192)

Office of the Dean

## 21. Transfer of Funds:

From: Unallocated Salaries - Other	\$17,737.00
To: Office of the Dean - College of Business Administration	17,737.00
For: To transfer, effective September 1, 1972, the operation of the Office of the Dean - College of Business Administration from Josephine Clardy Fox Fund to the Educational and General Budget and set up the budget as follows: (RBC 174)	
Classified Salaries	\$9,456.00
Wages	942.00
Maintenance and Operation	5,000.00
Equipment	39.00
Travel	2,300.00

RESIDENT INSTRUCTION (CONTINUED)  
COLLEGE OF BUSINESS ADMINISTRATION (CONTINUED)  
Office of the Dean (Continued)

22. Change the status of John M. Richards from Dean (62/100 Time) to Dean (54/100 Time) effective January 16 through May 31, 1973, at his full-time nine-months rate of \$18,750.00 and lapse to Unallocated Salaries - Other \$781.00 budgeted for this position. (RBC 191)

COLLEGE OF EDUCATION  
Curriculum and Instruction

23. Appoint James J. Nabhan (non-tenure) as Lecturer effective January 16, 1973 for the 1973 Spring Semester, at a nine-months rate of \$10,000.00 with the necessary funds in the amount of \$5,000.00 to come from Unallocated Salaries - Faculty. (RBC 194)

24. Appoint Lois B. Amodeo (non-tenure) as Lecturer effective January 16, 1973 for the 1973 Spring Semester, at a nine-months rate of \$9,100.00 with the necessary funds in the amount of \$4,550.00 to come from Unallocated Salaries - Faculty. (RBC 196)

25. Change the status of Lou E. Burmeister (tenure) from Professor (Full-time) to Professor (2/3 Time) effective January 16, 1973 for the 1973 Spring Semester, at her full-time nine-months rate of \$17,300.00 and lapse to Unallocated Salaries - Faculty \$2,883.00 budgeted for this position. She will also serve as Professor (1/3 Time) in HEW Grant OEG-0-71-0547(715) Teacher Corps Program - 2nd Year. (RBC 201)

26. Change the status of Eldon E. Ekwall (tenure) from Associate Professor (Full-time) to Associate Professor (2/3 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$14,000.00 and lapse to Unallocated Salaries - Faculty \$2,333.00 budgeted for this position. He will also serve as Associate Professor (1/3 Time) in HEW Grant OEG-0-71-0547(715) Teacher Corps Program - 2nd Year. (RBC 210)

27. Reappoint Carlos A. Garcia (non-tenure) as Associate Professor (Visiting) (1/4 Time) effective January 16 through April 30, 1973, at his full-time nine-months rate of \$12,600.00 with the necessary funds in the amount of \$1,225.00 to come from the appropriation for Teaching Assistants. He will also serve as Associate Director (3/4 Time) in HEW Grant OEG-0-71-0547(715) Teacher Corps Program - 2nd Year. (RBC 245)

Health and Physical Education

28. Change the status of Cyrus Mayshark (tenure) from Professor (1/4 Time) to Professor (1/3 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$21,000.00 with the necessary funds in the amount of \$875.00 to come from Unallocated Salaries - Faculty. (RBC 192)

Office of the Dean

29. Transfer of Funds:

From: Unallocated Salaries - Other	\$30,934.00
To: Office of the Dean - College of Education	30,934.00

For: To transfer, effective September 1, 1972, the operation of the Office of the Dean - College of Education from Josephine Clardy Fox Fund to the Educational and General Budget and set up the budget as follows:  
(RBC 174)

Classified Salaries	\$15,384.00
Wages	5,000.00
Maintenance and Operation	8,000.00
Equipment	550.00
Travel	2,000.00

30. Change the status of Cyrus Mayshark from Dean (3/4 Time) to Dean (2/3 Time) effective January 16 through May 31, 1973, at his full-time nine-months rate of \$21,000.00 and lapse to Unallocated Salaries - Other \$875.00 budgeted for this position. (RBC 191)

COLLEGE OF ENGINEERING  
Electrical Engineering

31. Appoint John D. Mitchell (non-tenure) as Assistant Professor effective January 16, 1973 for the 1973 Spring Semester, at a nine-months rate of \$13,300.00 with the necessary funds in the amount of \$6,650.00 to come from Unallocated Salaries - Faculty. (RBC 193)

RESIDENT INSTRUCTION (CONTINUED)  
COLLEGE OF ENGINEERING (CONTINUED)

Metallurgical Engineering

32. Change the status of Ray W. Guard (tenure) from Professor (1/2 Time) to Professor (58/100 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$21,000.00 with the necessary funds in the amount of \$875.00 to come from Unallocated Salaries - Faculty. (RBC 192)

Office of the Dean

33. Transfer of Funds:

From:	Unallocated Salaries - Other	\$13,212.00
To:	Office of the Dean - College of Engineering	13,212.00
For:	To transfer, effective September 1, 1972, the operation of the Office of the Dean - College of Engineering from Josephine Clardy Fox Fund to the Educational and General Budget and set up the budget as follows: (RBC 174)	
	Classified Salaries	\$6,912.00
	Wages	1,500.00
	Maintenance and Operation	2,000.00
	Equipment	800.00
	Travel	2,000.00

34. Change the status of Ray W. Guard from Dean (1/2 Time) to Dean (42/100 Time) effective January 16 through May 31, 1973, at his full-time nine-months rate of \$21,000.00 and lapse to Unallocated Salaries - Other \$875.00 budgeted for this position. (RBC 191)

COLLEGE OF LIBERAL ARTS

Art

35. Reappoint John W. Hogan (non-tenure) as Instructor (1/2 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$6,400.00 with the necessary funds in the amount of \$1,600.00 to come from the appropriation for Instructors, Part-time. (RBC 216)

English

36. Reappoint Katherine A. Heinemann (non-tenure) as Instructor effective January 16, 1973 for the 1973 Spring Semester, at her nine-months rate of \$8,200.00 with the necessary funds in the amount of \$4,100.00 to come from Unallocated Salaries - Faculty. (RBC 177)

37. Accept the resignation of Grace K. Smith (tenure), Assistant Professor, effective January 15, 1973, and lapse to Unallocated Salaries - Faculty \$5,000.00 budgeted for this position. Mrs. Smith has retired. (RBC 188)

38. Change the status of Ray Small (tenure) from Professor (1/4 Time) to Professor (1/3 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$18,750.00 with the necessary funds in the amount of \$781.00 to come from Unallocated Salaries - Faculty. (RBC 192)

39. Change the status of Donald F. Castro (non-tenure) from Instructor (Full-time) to Instructor (1/2 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine months rate of \$9,000.00 and lapse to Unallocated Salaries - Faculty \$2,250.00 budgeted for this position. (RBC 217)

40. Reappoint Thomas A. Green, Jr. (non-tenure) as Instructor (1/2 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 218)

41. Transfer of Funds:

From:	Maintenance and Operation	\$300.00
To:	Wages	300.00
For:	Transfer between dissimilar appropriations to allow the department to service its needs more effectively. (RBC 231)	

History

42. Reappoint Florence P. Dick (non-tenure) as Instructor (3/4 Time) effective January 16, 1973 for the 1973 Spring Semester, at her full-time nine-months rate of \$9,000.00 with the necessary funds in the amount of \$3,375.00 to come from Unallocated Salaries - Faculty. (RBC 200)

RESIDENT INSTRUCTION (CONTINUED)  
COLLEGE OF LIBERAL ARTS (CONTINUED)

Mass Communication - Journalism

43. Reappoint Francisco J. Lewels, Jr. (non-tenure) as Assistant Professor (1/2 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$12,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 170)

44. Reappoint Gayle B. Malloy (non-tenure) as Instructor (1/3 Time) effective January 16, 1973 for the 1973 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,333.00 to come from Unallocated Salaries - Faculty. (RBC 189)

45. Appoint Martin J. Peters (non-tenure) as Instructor (1/4 Time) effective January 16, 1973 for the 1973 Spring Semester, at a full-time nine-months rate of \$7,200.00 with the necessary funds in the amount of \$900.00 to come from Unallocated Salaries - Faculty. (RBC 190)

46. Change the status of Francisco J. Lewels, Jr. (non-tenure) from Assistant Professor (1/2 Time) to Assistant Professor (3/4 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$12,000.00 with the necessary funds in the amount of \$1,500.00 to come from Unallocated Salaries - Faculty. (RBC 222)

Mass Communication - Radio/Television

47. Accept the resignation of Jerry K. Rose (non-tenure), Instructor (1/4 Time), effective January 15, 1973, and lapse to Unallocated Salaries - Faculty \$900.00 budgeted for this position. (RBC 203)

48. Appoint Robert E. Nitzburg (non-tenure) as Instructor (1/4 Time) effective January 16, 1973 for the 1973 Spring Semester, at a full-time nine-months rate of \$7,200.00 with the necessary funds in the amount of \$900.00 to come from Unallocated Salaries - Faculty. (RBC 204)

Modern Languages

49. Appoint Joseph R. Smiley (tenure) as H. Y. Benedict Professor effective January 1 through August 31, 1973, at an annual rate of \$42,500.00 with the necessary funds in the amount of \$28,333.36 to come from Unallocated Salaries - Faculty. (RBC 185)

Music

50. Accept the resignation of Richard Hazelton (non-tenure), Instructor (1/4 Time), effective December 15, 1972, and lapse to Unallocated Salaries - Faculty \$1,375.00 budgeted for this position. (RBC 171)

51. Reappoint Elizabeth A. Gaidry (non-tenure) as Instructor (1/5 Time) effective January 16, 1973 for the 1973 Spring Semester, at her full-time nine-months rate of \$7,000.00 with the necessary funds in the amount of \$700.00 to come from Unallocated Salaries - Faculty. (RBC 219)

52. Appoint Valentin Froman (non-tenure) as Instructor (1/2 Time) effective January 16 through April 30, 1973, at a full-time nine-months rate of \$7,380.00 with the necessary funds in the amount of \$1,435.00 to come from the appropriation for Instructors, Part-time in the amount of \$1,070.00 and from Unallocated Salaries - Faculty in the amount of \$365.00. (RBC 232)

Political Science

53. Change the status of Kenneth E. Beasley (tenure) from Professor (1/4 Time) to Professor (1/3 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$19,500.00 with the necessary funds in the amount of \$813.00 to come from Unallocated Salaries - Faculty. (RBC 192)

54. Reappoint Jose L. Orozco (non-tenure) as Instructor (1/4 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from the appropriation for Instructors, Part-time. (RBC 230)

Psychology

55. Change the status of Alfred G. Koestler (non-tenure) from Assistant Professor (Full-time) to Assistant Professor (1/2 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$13,000.00 and lapse to Unallocated Salaries - Faculty \$3,250.00 budgeted for this position. (RBC 220)

RESIDENT INSTRUCTION (CONTINUED)  
COLLEGE OF LIBERAL ARTS (CONTINUED)  
Psychology (Continued)

56. Change the status of James V. Devine (tenure) from Associate Professor (Full-time) to Associate Professor (3/4 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$14,000.00 and lapse to Unallocated Salaries - Faculty \$1,750.00 budgeted for this position. He will also serve as Director (1/4 Time) in Air Force Contract F41609-72-C-0020 Effects of Visual Acuity. (RBC 235)

Office of the Dean

57. Transfer of Funds:

From: Unallocated Salaries - Other	\$19,851.00
To: Office of the Dean - College of Liberal Arts	19,851.00
For: To transfer, effective September 1, 1972, the operation of the Office of the Dean - College of Liberal Arts from Josephine Clardy Fox Fund to the Educational and General Budget and set up the budget as follows: (RBC 174)	
Classified Salaries	\$14,976.00
Wages	500.00
Maintenance and Operation	3,000.00
Equipment	575.00
Travel	800.00

58. Change the status of Ray Small from Dean (3/4 Time) to Dean (2/3 Time) effective January 16 through May 31, 1973, at his full-time nine-months rate of \$18,750.00 and lapse to Unallocated Salaries - Other \$781.00 budgeted for this position. (RBC 191)

COLLEGE OF SCIENCE  
Biological Sciences

59. Grant leave of absence to Robert G. Webb (tenure), Professor, effective January 16, 1973 for the 1973 Spring Semester, and lapse to Unallocated Salaries - Faculty \$7,500.00 budgeted for this position. (RBC 221)

60. Appoint Keith A. Redetzke (non-tenure) as Assistant Professor effective April 1, 1973 for the remainder of the 1973 Spring Semester, at a nine-months rate of \$12,700.00 with the necessary funds in the amount of \$2,822.22 to come from Unallocated Salaries - Faculty. (RBC 223)

Chemistry

61. Change the status of James W. Whalen (tenure) from Professor (38/100 Time) to Professor (46/100 Time) effective January 16, 1973 for the 1973 Spring Semester, at his full-time nine-months rate of \$20,250.00 with the necessary funds in the amount of \$844.00 to come from Unallocated Salaries - Faculty. (RBC 192)

Geological Sciences

62. Accept the resignation of George A. Kiersch (tenure), L. A. Nelson Professor, effective before January 1, 1973, and lapse to Unallocated Salaries - Faculty \$11,667.00 budgeted for this position. (RBC 205)

Mathematics

63. Transfer of Funds:

From: Wages	\$1,500.00
To: Maintenance and Operation	1,500.00
For: Transfer between dissimilar appropriations to allow the department to service its needs more effectively. (RBC 233)	

Office of the Dean

64. Transfer of Funds:

From: Unallocated Salaries - Other	\$23,856.00
To: Office of the Dean - College of Science	23,856.00
For: To transfer, effective September 1, 1972, the operation of the Office of the Dean - College of Science from Josephine Clardy Fox Fund to the Educational and General Budget and set up the budget as follows: (RBC 174)	
Classified Salaries	\$19,356.00
Maintenance and Operation	2,500.00
Travel	2,000.00



RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF SCIENCE (CONTINUED)Office of the Dean (Continued)

65. Change the status of James W. Whalen from Dean (62/100 Time) to Dean (54/100 Time) effective January 16 through May 31, 1973, at his full-time nine-months rate of \$20,250.00 and lapse to Unallocated Salaries - Other \$844.00 budgeted for this position. (RBC 191)

GRADUATE SCHOOLOffice of the Dean

66. Transfer of Funds:

From: Unallocated Salaries - Other	\$27,254.00
To: Office of the Dean - Graduate School	27,254.00
For: To transfer, effective September 1, 1972, the operation of the Office of the Dean - Graduate School from Josephine Clardy Fox Fund to the Educational and General Budget and set up the budget as follows: (RBC 174)	
Administrative and Professional Salaries	\$ 6,563.00
Classified Salaries	14,616.00
Wages	750.00
Maintenance and Operation	3,025.00
Equipment	300.00
Travel	2,000.00

67. Change the status of Kenneth E. Beasley from Dean (3/4 Time) to Dean (2/3 Time) effective January 16 through May 31, 1973, at his full-time nine-months rate of \$19,500.00 and lapse to Unallocated Salaries - Other \$813.00 budgeted for this position. (RBC 191)

LIBRARY

68. Appoint Charles R. McClure as Collection Development Librarian effective February 1 through August 31, 1973, at an annual rate of \$10,000.00 with the necessary funds in the amount of \$5,833.33 to come from the appropriation for Wages. (RBC 234)

EXTENSION AND PUBLIC SERVICEThe Center for Extension and Continuing Education

69. Correct the appointment of James C. Parker, Director, to reflect an annual rate of \$12,000.00. He is printed in the original budget at \$6,000.00 for 50% of this amount during the time the Center was earning sufficient income to support itself. Beginning February 1, 1973, his status is changed to \$9,000.00 for 75% of the \$12,000.00 rate. It is anticipated that once the Center becomes fully self supporting, Mr. Parker can be paid at the full-time rate of \$12,000.00 for 12 months. (RBC 238)

SPECIAL ITEMSMuseum

70. Appoint Agapito S. Marrujo as Assistant Curator of Collections/Registrar effective December 16, 1972 through August 31, 1973, at an annual rate of \$4,296.00 with the necessary funds in the amount of \$3,048.77 to come from Physical Plant - General Services - Salaries in the amount of \$1,239.04 and Physical Plant - Building Maintenance - Salaries in the amount of \$1,809.73. (RBC 225)

71. Transfer of Funds:

From: Travel	\$200.00
To: Maintenance and Operation	200.00
For: Transfer between dissimilar appropriations to allow the department to service its needs more effectively. (RBC 226)	

CONTRACT RESEARCH AND SERVICESHEW Grant OEG-0-71-2634-(453) - Upward Bound Project - 7th Year

72. Accept the resignation of Yolanda Cuellar, Counselor-Teacher, effective January 31, 1973, and lapse to unencumbered salaries \$600.00 budgeted for this position. (RBC 228)

73. Accept the resignation of Ramon Dominguez, Counselor-Teacher, effective January 31, 1973, and lapse to unencumbered salaries \$600.00 budgeted for this position. (RBC 229)

CONTRACT RESEARCH AND SERVICES (CONTINUED)OEO Grant CG 8669 F/O - High School Equivalency Program - 6th Year

74. Appoint Linda L. Nance as Teacher effective January 1 through August 31, 1973, at an annual rate of \$6,900.00 with the necessary funds in the amount of \$4,600.00 to come from budgeted salaries for this grant. (RBC 224)

HEW Grant OEG-0-71-0547(715) - Teacher Corps Program - 2nd Year

75. Appoint Lou E. Burmeister as Professor (1/3 Time) effective January 16 through May 31, 1973, at her full-time nine-months rate of \$17,300.00 as Professor of Curriculum and Instruction with the necessary funds in the amount of \$2,883.00 to come from budgeted salaries for this grant. She will also serve as Professor (2/3 Time) in the Department of Curriculum and Instruction. (RBC 202)

76. Reappoint Eldon E. Ekwall as Associate Professor (1/3 Time) effective January 16 through May 31, 1973, at his full-time nine-months rate of \$14,000.00 as Associate Professor of Curriculum and Instruction with the necessary funds in the amount of \$2,333.00 to come from budgeted salaries for this grant. He will also serve as Associate Professor (2/3 Time) in the Department of Curriculum and Instruction. (RBC 211)

77. Appoint Carlos A. Garcia as Associate Director (3/4 Time) effective January 16 through May 31, 1973, at his full-time nine-months rate of \$12,600.00 as Associate Professor (Visiting) of Curriculum and Instruction with the necessary funds in the amount of \$4,725.00 to come from budgeted salaries for this grant. He will also serve as Associate Professor (Visiting) (1/4 Time) in the Department of Curriculum and Instruction. (RBC 246)

Air Force Contract F41609-72-C-0020 - Effects of Visual Acuity

78. Reappoint James V. Devine as Director (1/4 Time) effective January 16 through May 31, 1973, at his full-time nine-months rate of \$14,000.00 as Associate Professor of Psychology with the necessary funds in the amount of \$1,750.00 to come from budgeted salaries for this contract. He will also serve as Associate Professor (3/4 Time) in the Department of Psychology. (RBC 236)

Texas Education Agency - Trainers of Teacher Trainers

79. Reappoint Roberto Reyes as Teacher effective January 16 through May 31, 1973, at his annual rate of \$6,667.00 with the necessary funds in the amount of \$2,509.07 to come from budgeted salaries for this contract. (RBC 187)

WTCOG Grant 71-DF-933 - Criminal Justice Degree Program

80. Reappoint Edward A. Farris as Professor (Visiting) (1/5 Time) effective January 1 through May 31, 1973, at his full-time annual rate of \$15,000.00 with the necessary funds in the amount of \$1,250.00 to come from budgeted salaries for this grant. (RBC 237)

RESTRICTED CURRENT FUNDSFRANK B. COTTON TRUST

## 81. Transfer of Funds:

From: Office of the President - Travel	\$2,500.00
Office of the Vice President for Academic Affairs - Travel	1,500.00
Office of the Vice President for Business Affairs - Travel	3,600.00
Office of the Vice President for Student Affairs - Travel	2,150.00
To: Frank B. Cotton Trust Balance	9,750.00

For: Lapse the appropriations for Travel for the President and the Vice Presidents as these appropriations have been set up in the Educational and General Budget. (RBC 175)

Office of the President

82. Accept the resignation of Joseph R. Smiley as President effective December 31, 1972, and lapse to Frank B. Cotton Trust Balance \$10,333.36 budgeted for this position. (RBC 181)

83. Appoint Arleigh B. Templeton as President effective January 1, 1973, at an annual rate of \$42,500.00 with the necessary trust funds in the amount of \$10,333.36 to come from Frank B. Cotton Trust Balance. Of the total annual rate, \$15,500.00 is budgeted from Frank B. Cotton Trust funds and \$27,000.00 from Educational and General funds. (RBC 183)

RESTRICTED CURRENT FUNDS (CONTINUED)JOSEPHINE CLARDY FOX FUND84. Transfer of Funds:

From: Office of the Dean - College of Business Administration	\$ 17,737.00
Office of the Dean - College of Education	30,934.00
Office of the Dean - College of Engineering	13,212.00
Office of the Dean - College of Liberal Arts	19,851.00
Office of the Dean - College of Science	23,856.00
Office of the Dean - Graduate School	27,254.00
To: Josephine Clardy Fox Fund Balance	132,844.00
For: To lapse the appropriations for the deans' offices in the Josephine Clardy Fox Fund as these appropriations have been set up in the Educational and General Budget. (RBC 173)	

Museum

85. Appoint Thomas C. O'Laughlin as Curator of Collections/Registrar effective January 10 through August 31, 1973, at an annual rate of \$8,520.00 with the necessary funds in the amount of \$5,473.87 to come from the appropriation for this department. (RBC 199)

AUXILIARY ENTERPRISESIntercollegiate Athletics

86. Appoint Don W. Kloppenburg as Assistant Football Coach effective December 20, 1972 through August 31, 1973, at an annual rate of \$14,500.00 with the necessary funds in the amount of \$10,134.38 to come from budgeted salaries for this department. (RBC 186)

87. Appoint Lawrence A. Metcalf as Assistant Football Coach effective January 20, through August 31, 1973, at an annual rate of \$13,500.00 with the necessary funds in the amount of \$8,310.48 to come from budgeted salaries for this department. (RBC 239)

88. Appoint Ernest S. Zermeno as Assistant Football Coach effective January 20 through August 31, 1973, at an annual rate of \$13,250.00 with the necessary funds in the amount of \$8,156.54 to come from budgeted salaries for this department. (RBC 240)

89. Appoint Richard D. Faulkner as Assistant Football Coach effective February 1 through August 31, 1973, at an annual rate of \$12,000.00 with the necessary funds in the amount of \$7,000.00 to come from budgeted salaries for this department. (RBC 241)

90. Appoint Theodore H. Banks as Head Track Coach effective January 29 through August 31, 1973, at an annual rate of \$13,000.00 with the necessary funds in the amount of \$7,688.14 to come from budgeted salaries for this department. (RBC 242)

Bookstore

91. Increase the annual rate of Dow L. Roberts, Bookstore Manager, effective January 1, 1973, from \$13,500.00 to \$14,200.00 with the necessary funds in the amount of \$466.64 to come from budgeted salaries for this department. (RBC 172)

SERVICE DEPARTMENTSData Processing

92. Accept the resignation of Rollin H. Hill, Assistant Director for Systems and Programming, effective January 5, 1973, and lapse to unencumbered salaries \$7,956.29 budgeted for this position. (RBC 178)

## THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

Odessa, Texas

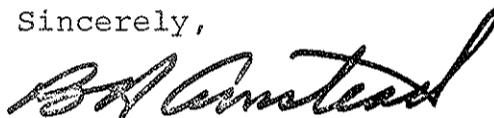
March 27, 1973

Dr. Charles A. LeMaistre, Chancellor  
The University of Texas System  
Austin, Texas 78712

Dear Dr. LeMaistre:

The following docket consisting of pages PB-1 through PB-90 is submitted for your approval and presentation to the Board of Regents at their April 24, 1973 meeting.

Sincerely,



B. H. Amstead  
President

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN  
 April 24, 1973 Meeting

GIFTS TO THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

The following gifts have been received at The University of Texas of the Permian Basin. I recommend approval of acceptance of the following gifts:

A single asterisk preceding the name of the donor indicates no letter of transmittal from the donor.

DONOR	PURPOSE AND CONDITIONS	ESTIMATED VALUE
1. Estate of Frank W. Jessen Mr. Wolfe E. Jessen, Executor 2311 Shoal Creek Blvd. Austin, Texas 78705	Gift of a collection of Journals and Abstracts from the library of the late Frank W. Jessen	\$11,800.00
2. Dr. C. Aubrey Smith Graduate School of Business The University of Texas, Business- Economics Bldg. 312 Austin, Texas 78712	Gifts of books and journals from the library of Dr. C. Aubrey Smith	\$16,506.00
3. *Lewis F. Hatch The University of Texas at El Paso El Paso, Texas 79968	Gift of Chemical Abstracts and Technical Journals	\$13,800.00
4. *Mr. Lloyd A. Calhoun V.P. & General Sales Manager, New Mexico Electric Service Co. Hobbs, New Mexico 88240	Gift of meteorology equipment and library	\$ 5,000.00

GRANTS, CONTRACTS, AND AGREEMENTS - (STATE):

1. Interagency Cooperation Contract No. IAC (72-73)-1058, between The University of Texas of the Permian Basin and the Division of Planning Coordination, Governor's Office, signed by President B. H. Amstead, to analyze the nature and dimensions of rural transportation problems as they relate to rural development. The contract period is from December 1, 1972 through February 28, 1973. Total amount is not to exceed \$6,000.00

BULLETIN

I recommend approval of the Bulletin of The University of Texas of the Permian Basin which is submitted herein on pages PB-3 through PB-88.

Misc.

THE UNIVERSITY OF TEXAS  
 OF THE  
 PERMIAN BASIN  
 ODESSA, TEXAS



Catalog of  
 THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

Number 7301

May, 1973

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Odessa, Texas 79762

Statement on Equal Educational Opportunity

With respect to the admission and education of students, with respect to the availability of student loans, grants, scholarships, and job opportunities, with respect to the employment and promotion of teaching and nonteaching personnel, and with respect to the student and faculty activities conducted on premises owned or occupied by the University, The University of Texas of the Permian Basin shall not discriminate either in favor of or against any person on account of his or her race, creed, color, sex, or national origin.

.....

picture

"....a university that can face the next decade and the next century with fresh programs unfettered with inherited dogmas and traditions; a university that will take the best of the present and the most promising, forward-looking programs of the future."

B. H. Amstead  
President

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## THE CALENDAR

The University of Texas of the Permian Basin follows the Common Calendar required for all public colleges and universities in Texas. It consists of two semesters during the academic year plus two summer terms of six weeks each.

## Fall Semester, 1973

August 30-31	Orientation, Registration
September 4	Classes begin
September 18	Last day for late registration; last day to add courses
September 19	Twelfth class day and date of official enrollment count
November 22-23	Thanksgiving holidays
December 18	Last day of classes
December 19-21	Final examinations
December 21	Semester ends

## Spring Semester, 1974

January 11	Registration
January 14	Classes begin
January 28	Last day for late registration; last day to add courses
January 29	Twelfth class day and date of official enrollment count
April 8-13	Easter vacation
May 14	Last day of classes
May 15-17	Final examinations
May 17	Semester ends

## Summer Session, 1974

First Term	
June 3	Registration
June 4	Classes begin
June 7	Last day for late registration; last day to add courses
June 7	Fourth class day and date of official enrollment count
July 4	Independence Day, a holiday
July 11	Last day of classes
July 12	Final examinations
Second term	
July 15	Registration
July 16	Classes begin
July 19	Last day for late registration; last day to add courses
July 19	Fourth class day and date of official enrollment count
August 22	Last day of classes
August 23	Final examinations
August 23	Last day of summer session

Only one day is allowed for spring registration since most students will have pre-registered during the latter part of the first semester. Final dates for dropping and adding courses do not apply to courses taught on a self-paced instruction basis and certain other courses not taught on a conventional lecture-discussion basis. For information about specific courses, the student should see his academic adviser.



## THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

The University of Texas of the Permian Basin is an upper-level, general educational institution, and as such it will offer degree programs in most of the basic disciplines as well as in several professional fields. Although the University was established in answer to the educational needs of the citizens of the Permian Basin, it will also assume its share of responsibility for serving young people from throughout Texas.

The mission of The University of Texas of the Permian Basin is to help each student who enrolls to realize his fullest potential, both personally and professionally. A student's experience at UTPB should help him to develop his powers of judgement and to mature emotionally and intellectually; it should prepare him to earn a satisfactory livelihood and to make a worthwhile contribution to the economic life of the country.

To fulfill this mission, the University will provide all students, those in basic arts and science disciplines as well as those in professional programs, with academic training which will contribute significantly to the endeavors they will later enter.

In addition to career preparation, the University will provide students practical understanding in other areas crucial to a meaningful life: a comprehension of the functioning of representative government and the attendant responsibilities of all citizens within it, the ability to communicate orally and in writing in order to transmit their ideas clearly to others, an appreciation of aesthetics that will enable them to live richer lives, a basic concept of the role and impact of science and technology so that they may use these tools effectively, and skill in lifetime sports.

Finally, the University will, through formal instruction and the informal atmosphere it provides, help each student to develop the ability to live in harmony with others, to live in a multicultural society, to recognize and respect honest differences of opinion, and to seek a better life for the community of man.

## HISTORY OF THE UNIVERSITY

For over a quarter of a century residents of the Permian Basin, a huge oil-rich geological formation in West Texas, have felt keenly the need for a baccalaureate level university. A study by the Coordinating Board of the Texas College and University System in 1968 revealed that the Odessa-Midland area was the only major population center in Texas not served by a bachelor's degree granting institution with the nearest senior college more than 125 miles away. In answer to this need the Texas Legislature in 1969 authorized the establishment of The University of Texas of the Permian

Basin within The University of Texas System. The legislature designated UTPB as an upper-level institution charged with providing baccalaureate and graduate degree programs to junior, senior, and graduate level students.

In December, 1969, following a study of the long-range growth potential of cities in the area, The University of Texas System Board of Regents selected a 600-acre campus site on the eastern edge of Odessa in Ector County. Land for the campus was donated to The University of Texas System by the Houston Endowment, Inc., the people of Ector County, Mr. and Mrs. Tom McKnight, and Mr. and Mrs. Ewell McKnight.

The University of Texas of the Permian Basin opens for classes in September, 1973.

### THE CAMPUS

The size, location, and building plans of the campus of The University of Texas of the Permian Basin will eliminate problems of inconvenience and congestion faced by many universities and at the same time provide a setting conducive to learning and personal interaction.

The 600-acre campus site on the eastern edge of Odessa is essentially square in shape and surrounded by multi-lane streets on all four sides, making it easily accessible from all directions. The core campus itself will be compact and provided with convenient parking--almost one space per student.

The building plans for UTPB are as forward-looking as its educational ideas, with emphasis on efficiency and flexibility in building use. Capitalizing on the natural strength of the Permian Basin site, the campus will follow a modern mesa design. Most structures will be built approximately 22 feet above ground, story upon story, using the caprock shelf running under the site as a natural foundation.

Vehicular traffic routes, service facilities, and some parking lots will be located in the area beneath the buildings. This lower level will be partially hidden by man-made earth slopes, called berms.

Buildings will be connected by pedestrian concourses on the upper levels providing cover during inclement weather and easy walking to any point on the core campus within six minutes, even after the University has expanded to maximum capacity. University buildings will be functionally flexible, with the use of snap-in steel walls making interior space easily convertible as needs change and the student body grows.

To facilitate personal interaction among both students and faculty, decentralized talk-study areas will be interspersed throughout the campus complex. Interdisciplinary arrangement of faculty offices and open cooperative laboratories for common use by physical and life sciences will further encourage communication among all faculty, staff, and students.

A multi-phased plan of development provides for eventual

expansion into the total 600 acres of the campus site. Phase I, now under construction, includes classroom, laboratory, and gymnasium buildings. Playing fields and athletic facilities to accommodate students expected in September 1973 are also under construction.

Since Phase I buildings will not be ready for occupancy by September 1973, three transition buildings have been constructed on the South campus. These are all steel buildings with brick veneer, fully carpeted and air conditioned and will provide classrooms, laboratories, and library facilities during 1973-74.

## ACADEMIC POLICIES AND REQUIREMENTS

The University of Texas of the Permian Basin has been planned with a view to providing the student maximum flexibility in his studies, with emphasis on demonstrated competence, all to the end of an enriched and more effective education for the student. While the student will generally encounter less structure than at most universities, at the same time he will find himself faced with greater personal responsibility for the management of his time, energy, and resources.

## THE ACADEMIC COMPONENTS

The academic programs of the University are organized in three colleges plus the Learning Resources Center. The colleges and the degree programs offered within each are:

The College of Arts and Education offers the Bachelor of Arts degree in anthropology, art, creative writing, government, history, humanities, literature (with options in American literature, American studies, English literature, and comparative literature), mass communications (journalism and radio/TV), music, art, physical education and health, psychology, sociology, speech, Spanish and theatre. This College also offers Master of Arts degree programs in physical education and health and in education, including special education, counseling, secondary education, elementary education, and early childhood education.

The College of Science and Engineering offers the Bachelor of Science degree in chemistry, computer science, earth science, engineering, life science, mathematics and physics. This College also offers the Master of Science degree in engineering.

The College of Management offers the Bachelor of Arts degree in law enforcement, law enforcement management, and economics; and the Bachelor of Business Administration degree in accountancy and in business management, with a special option in aviation management. This College also offers the Master of Business Administration degree in business management.

Unlike most universities, The University of Texas of the Permian Basin does not have academic departments. Most of the administration in each college is centered in the office of the dean who is assisted by an assistant dean and a business manager (executive assistant). Most of the faculties (i.e. Faculty of Art, Faculty of Pedagogical Studies, etc.) have chairmen or "lead professors" but in the cases of smaller faculties no chairman has been designated.

The Learning Resources Center (LRC), known as the library on most campuses, contains more than 250,000 volumes,

one of the largest if not the largest collection of books ever held by a new college or university. The LRC will use computerized check-out of books, electronic security on books borrowed, and several other modern library innovations.

The Educational Media Services, a component of the LRC, will provide a wide array of teaching technology to enhance teaching and learning such as video and audio recording service, video transmission for television teaching, audio and video cassette duplication, production of audio tapes and television films, film loops, slides, specimens, art work, and others. It will also assist students and professors in learning to use these materials most effectively.

Computer Services is a part of the LRC and will serve students and faculty in course work as well as in research. The Computer Services staff will also provide computerized student records and process data for the business needs of the University, as well as for the LRC.

#### ADMISSION

To be admitted to undergraduate study or to non-degree study applicants should meet the following requirements:

(1) Satisfactorily complete two years of academic course work at an accredited junior college, senior college or university. Applicants who have not completed two years or the equivalent may, if they lack less than a full semester of credits, enroll concurrently in the University and in a nearby junior college for the lower division credits to be completed.

(2) Have a C average in all courses which are applicable toward the degree for which he expects to study. Grades of F will not be transferrable to the University.

(3) Be in good standing at the last institution attended or qualify for readmission to that institution.

(4) Submit official transcripts of all college or university work previously taken. Before submitting transcripts or any documents, the applicant should obtain an application form and complete and return it with transcripts to the Admissions Office. To obtain an admission form or additional information, send a copy of the form in the back of this catalog or write to:

Director of Admissions  
The University of Texas of the Permian Basin  
Odessa, Texas 79762

While there is no specific deadline for application for admission to the fall semester, 1973, applicants are encouraged to submit applications and transcripts by July 1, 1973. International students and Americans who are submitting transcripts from colleges or universities in other countries should submit applications by June 15, 1973.

Any applicant who is denied admission may petition for reconsideration and should submit additional information that might relate to the reason for the petition.

Students entering UTPB are required by law to submit proof of immunization within the last ten years against diphtheria tetanus (Td.). Students will be required to submit proof at registration or sign a statement of intent to comply with the law within thirty days after registration. Each student must also complete a health questionnaire which will provide vital information in case of emergency. Forms will be provided with registration materials.

#### REGISTRATION

Registration for the Fall Semester, 1973, is scheduled for August 30, 31. Students may visit with their faculty advisers prior to that date and plan study schedules, but registration will not begin prior to August 30. Students registering after August 31 must pay a late registration fee, except as explained below. The normal late registration period begins on the first day of classes and ends with the eleventh day of classes. Except in unusual circumstances, students may not register for conventionally taught courses after that date.

Continuous Registration. As explained elsewhere, a substantial number of courses will be offered on a self-paced instruction basis. Students may enroll in the University and register for these courses at any time. Registration for self-paced instruction courses only does not involve a late registration fee.

No-Credit Registration. Students who wish to enroll in a course but do not desire academic credit may register for the course for no credit. The fees for no credit registration are the same as when taking the courses for credit, and the student has the same privileges as a student enrolled for credit except that the instructor will award no grade and will not normally mark tests.

Visitor. In conventionally taught courses, a non-student may be admitted as a "Visitor" by gaining the permission of the instructor and paying a fee of \$5.00 per course. A Visitor may not ask questions nor participate in class discussion. One may not enroll as a Visitor in laboratory, studio and other activity courses, or in courses taught on a self-paced basis.

#### FEEES AND DEPOSITS

Students are not entitled to enter class or laboratory until their fees and deposits have been paid. Payment may be made by personal check for the exact amount due, provided the

bank transit number is encoded thereon in compliance with revised Federal Reserve Bank regulations. Checks for larger amounts, the difference to be paid in cash to the student, cannot be accepted. In paying fees by check, students should exercise care. A bad check, whether given by mistake or otherwise, unless the admitted error of the bank concerned, is likely to delay actual payment and thus result in a penalty for late registration. (All of the fees listed are subject to change by the Legislature without notice.) See next page for tuition table.

Refund of Tuition Fee for Students Withdrawing. Upon presentation to the Registrar of his receipt from the Bursar showing payment of the fee, any student withdrawing officially (a) during the first week of classwork of a semester will receive a refund of seventy per cent of the applicable portion of the fee; (b) during the second week, sixty per cent; (c) during the third week, forty per cent; (d) during the fourth week, twenty per cent; (e) during the fifth week and thereafter, no refund.

An immediate refund will not be made to a student who withdraws within fifteen days after payment of his fees; but, upon request, a check covering all refunds will be mailed to the address left with the Registrar.

## TUITION TABLE

Number Of Hours Taken	Residents Of Texas	Nonresidents	
		U.S. Citizens	Foreign Students
1	\$50.00	\$ 40.00	\$200.00
2	50.00	80.00	200.00
3	50.00	120.00	200.00
4	50.00	160.00	200.00
5	50.00	200.00	200.00
6	50.00	240.00	200.00
7	50.00	280.00	200.00
8	50.00	320.00	200.00
9	50.00	360.00	200.00
10	50.00	400.00	200.00
11	50.00	440.00	200.00
12	50.00	480.00	200.00
13	52.00	520.00	200.00
14	56.00	560.00	200.00
15	60.00	600.00	210.00
16	64.00	640.00	224.00
17	68.00	680.00	238.00
18	72.00	720.00	252.00
19	76.00	760.00	266.00
20	80.00	800.00	280.00
21	84.00	840.00	294.00
22	88.00	880.00	308.00

A student who enters the spring semester not knowing his fall-semester grades and who is required to withdraw because of failure in the work of the fall semester will have all of his registration and tuition fee for the spring semester refunded.

No refund provided for above will be granted unless applied for within one year after official withdrawal.

General Property Deposit. Every student, unless he is registered in absentia, must make a general property deposit of \$10 to protect the University from any loss whatsoever, such as property loss or damages or breakage or violation of rules in any University library or laboratory, failure to return keys furnished by the University, or for damage to or loss of any other University property.

This deposit, less outstanding charges, will be returned to the student, upon his request, at the end of his career at UTPB as a student. A general property deposit which remains without call for refund for a period of four years from the date of last attendance at The University of Texas of the Permian Basin shall be forfeited, and the deposit shall become operative to the permanent use and purpose of the Student Property Deposit Scholarships. This applies to deposits made in the past, as well as those to be made in the future.

Student Services Fee. The student services fee is compulsory for both full-time and part-time students. The student services fee of \$30 for full-time students (12 hours or more) consists of free or reduced admission rates to athletic events, formal convocation events, special publications, intramural activities, most athletic facilities, student identification card, free or reduced admission fees to lecture series, cultural events, and film series.

*Misc.  
separately*

A \$10 fee is charged to part-time students taking less than 12 hours and entitles such students to publications, formal convocations, student identification card, participation in intramurals, and use of most athletic facilities.

A full-time student's spouse may purchase an activities card for \$10 which will entitle him or her to free or reduced admission to lecture series, cultural event programs, and film series.

Refund of the student services fee for students withdrawing is made on the same basis as refund of the registration and tuition fee for students withdrawing.

Laboratory Fees. For each laboratory course a fee is charged in an amount to cover, in general, the cost of laboratory materials and supplies used by a student; however, such charge per student shall be not less than two dollars (\$2) nor more than eight dollars (\$8) for each laboratory course in any one semester or summer term. The Course Schedule will indicate the amount of the laboratory fee for each course.

Supplementary Fees for Selected Courses. Students taking selected courses (e.g., studio art, art education, courses



requiring field trips, lifetime sports, physical education, or applied music) are required to pay supplementary fees each semester, a schedule of which is given in the course schedule. A supplementary fee for applied music "unclassified" and art is charged.

Supplementary fees, in the case of students withdrawing or dropping a course, are refunded according to the schedule provided for refunding the registration and tuition fee. Exception: A student who officially drops a course with a supplementary fee and at the same time officially adds another such course will receive a refund of the full supplementary fee paid on the course dropped and will pay the corresponding fee required for the course added.

Special Charge for Late Registration. Any student registering who, with proper permission, registers after the appointed days for registering in that semester, will be required to pay a special charge of five dollars (\$5) to defray the costs of the extra services required to effect his late registration.

Bad Checks. A service charge of \$2 will be assessed the maker of the check for each returned check, to offset the cost of processing such checks.

Diploma Charge. A diploma fee of \$4 is charged to graduating students at the time of their graduation.

Non-Student Fees. Non-student gymnasium and physical activity fees for non-students desiring the use of the facilities of the gymnasium and other physical activity facilities (including the faculty-staff recreation program) will pay the following fees: Non-student--\$24 to include dressing facility. Faculty and administrative staff (rank of instructor or above)--\$6 a year to include dressing facility. Special non-student group programs--\$1 a month or any portion thereof, not to include dressing facility.

Visitor's Fee. A fee of \$5 a semester or term is required of persons not registered in the University who wish to visit one or more courses. If library privileges are desired, the non-student library deposit of \$15 a year must be made.

Transcript Charge. A \$1 charge may be made for transcripts.

Student Identification Card Replacement Fee. All students who must obtain a replacement student identification card will be charged \$3.

## ACADEMIC REGULATIONS

### ACADEMIC ADVISEMENT

When a student makes application for admission to the University, his eligibility for admission is determined by the Director of Admissions. The assistant dean of the college in which he expects to study evaluates his previous course work, determines whether all courses that have

been taken apply toward the degree the individual wishes to earn, and advises the applicant of his status. Any questions about courses and degrees should be addressed to the assistant dean or, if possible, the student should visit with him.

When the student has been admitted, he is assigned by the assistant dean to a faculty adviser in the student's major field of study who will help him to plan his curriculum and counsel him on other matters related to his academic pursuits at the University. If a student is not clear about which college he is in, he should check with the Office of Admissions. If he has not decided on a major field of study and desires counseling to help in choosing a major, he should visit a counselor in the Office of the Director of Student Services.

After a student is enrolled and is pursuing a degree, if he wishes to change his major he must complete a form to that effect, have it endorsed by the assistant dean of the college where he has been studying and the assistant dean of the college in which he desires to study, and file the form with the Registrar's Office. This normally occurs at the time of registration.

Students are encouraged to visit with their faculty advisors at any time they feel the need for it. They are also encouraged to talk with the instructors of their courses when they wish. All instructors have posted office hours. A student may make an appointment if he wishes but it is not necessary; he may visit the instructor without notice. In the interest of permitting the instructor to be of assistance to as many students as possible, students are encouraged to limit the length of office visits with instructors.

#### DROPPING AND ADDING COURSES

In courses taught on a conventional basis, a student may drop the course without permission anytime up to four weeks prior to the first day of final examination period. Courses may be dropped thereafter only in case of serious illness or other justifiable reason, and this requires the approval of the instructor of the course and the assistant dean of the student's college. Normally no credit will be awarded if the course is dropped, but in certain courses, for example a course offered for variable credit, the instructor may award credit and a grade.

Courses taught on a conventional basis may not normally be added after the second week of classes. Students enrolling late in the course should not expect special make up assistance from the instructor.

In the case of courses taught on a self-paced instruction basis, the student is encouraged to enroll in them at regular registration time; however, he may add a course taught on SPI basis anytime during the semester, with the approval of the instructor of the course and the assistant dean of the college in which the student is majoring. The student may drop an SPI course at any time by completing

proper forms. On the other hand, if the student fails to apply himself and/or to make minimum progress, the instructor may drop the student from the course.

#### WITHDRAWAL

If a student desires to withdraw from the University, he should secure the appropriate form from the Registrar's Office, complete it and secure the endorsement of the assistant dean of the college in which he is enrolled. In case of illness, the student may have someone notify the assistant dean who will arrange for the withdrawal.

#### CREDIT BY EXAMINATION

A portion of the lower division requirements may be completed through the College Level Examination Program (CLEP) offered by the Educational Testing Service of Princeton, New Jersey. CLEP exams may be taken at several junior colleges, senior colleges and universities in the state, but not at UTPB. If a student wishes to complete a portion of the lower division requirements through CLEP, he must enroll in a college that offers them and sit for the examinations there. The credits for CLEP examinations will appear on the transcript of the college where he was enrolled. UTPB will accept credits earned through CLEP on the same basis as any other credits transferred from another institution.

UTPB does not award college credit for study through the United States Armed Forces Institute, non-credit military studies, and non-accredited institutions; however, if an accredited college or university has awarded credit for such study, UTPB will accept those credits on the same basis as course work completed at that institution.

During 1973-74, credit by examination will not be available at UTPB. Thereafter, in those courses offered on a self-paced instruction basis, the student may earn such credit by registering for a course and sitting immediately for as many of the quizzes in the course as he can pass. If he has mastered the course, he may test through all quizzes and the final examination in a brief period.

#### CLASS SCHEDULES

Classes taught on a conventional basis meet according to the following schedules:

MWF 8:00 - 8:50 A.M.	TTh 8:00 - 9:20 A.M.
MWF 9:00 - 9:50	TTh 9:30 - 10:50
MWF 10:00 - 10:50	TTh 11:00 - 12:20
MWF 11:00 - 11:50	TTh 12:30 - 1:50 P.M.
MWF 12:00 - 12:50	TTh 2:00 - 3:20
MWF 1:00 - 1:50 P.M.	TTh 3:30 - 4:50
MWF 2:00 - 2:50	TTh 5:00 - 6:20
MWF 3:00 - 3:50	TTh 6:40 - 8:00
MWF 4:00 - 4:50	TTh 8:20 - 9:40
MW 5:00 - 6:20	
MW 6:40 - 8:00	
MW 8:20 - 9:40	

All laboratory instruction will be offered on a self-paced basis only. Rather than a scheduled laboratory period, the student will be able to perform his laboratory exercises during most hours of the week at his own convenience. For each course, a schedule will be posted when students may undertake the laboratory exercises, including those hours when instructors and/or laboratory assistants will be available for assistance.

Courses taught on a self-paced instruction basis will not usually require formal class meetings; however, one hour per week is set aside for each three-credit course during which the instructor will be present in a designated classroom to discuss the course with those students who wish to attend.

Contract study and other forms of independent study and research usually involve no class meetings.

#### CLASS ATTENDANCE

It is assumed that by the time students enroll at the University they are able to discipline their time and application to their studies. Class attendance is not required in most cases, but students are encouraged to attend classes regularly. In some courses, class participation and class activity constitute a part of the student's grade. It is the responsibility of the student to determine whether class attendance is required in each course and to see that he meets all course requirements.

#### COURSE NUMBERING SYSTEM

000-009	Courses offered without credit and credit courses which may not be applied toward a degree
100-199	Freshman courses (not offered at UTPB)
200-299	Sophomore courses (not offered at UTPB)
300-399	Junior and senior courses not eligible for graduate credit.
400-499	Senior courses acceptable for credit in some graduate programs, usually non-majors only
500-599	Reserved for future use, especially fifth year programs
600-699	Graduate courses, open only to graduate students
700-999	Reserved for future use

#### COURSE LOAD

A full-time course load for an undergraduate student is 15 semester hours during the regular semester. A student who is progressing satisfactorily academically may take

18 credits, and if he is performing better than average he may, in some cases, take up to 21 credits. Only in rare cases will a student be permitted to enroll for more than 21 credits in a semester.

During the summer session, undergraduates may enroll for seven credits in a six week period. As a rule, in short courses of lesser duration, one may register for one credit per week of instruction.

The foregoing apply for conventionally taught courses. In courses offered on a self-paced instruction basis, additional credits may be taken, particularly when courses are involved for which a portion of the work has already been completed at the time of registration. This is subject to approval by the student's faculty adviser and the assistant dean of his college.

#### GRADING

Grading or marking consists of two parts at the University, one of which strictly speaking is not grading. The first part consists of grades that represent learning in courses. The second part, known as the Attribute Profile, is concerned with non-academic characteristics and is not considered for graduation.

Grades. The grades approved for use at UTPB are as follows:

A = Superior achievement	Q = Dropped the course
B = High Pass	W = Withdrew from University
C = Pass	S = Satisfactory
D = Low Pass	U = Unsatisfactory
F = Failure	Z = Progress
I = Incomplete	NC = No credit

Only grades A,B,C,D, and F are included in computing grade point average. In computing grade point average: A=4; B=3; C=2; D=1; F=0.

An I is reported when the student has not met all requirements of the course by the end of the semester but the instructor considers the allowance of additional time to complete the course requirements to be justified. At the end of the next semester, if the requirements of the course have not been met, I will automatically be changed to Q.

In self-paced instruction courses in which the student does not complete all requirements by the end of the semester in which he registers, the instructor will report a mark of Z. If the student does not complete all requirements by the end of the next semester, the instructor will report a mark of Q to replace the Z. In order to receive credit for a course in which the student has received a mark of Q, he must register again and complete all requirements.

The marks S and U will be used only for thesis research, senior seminars, courses required for demonstration of proficiency in lifetime sports, writing and conversation, and in a limited number of other courses which may be approved from time to time by the Vice President for Academic Affairs.

In self-paced instruction courses, if the student fails to make satisfactory progress in the course, the instructor may submit a mark of Q at any time after appropriate warning.

#### ACADEMIC PROGRESS

The minimum acceptable level of performance is a C average including courses with grade of D but not F. A full-time student who accrues a grade point average (GPA) of less than 2.0 (C) in conventional courses and Q's submitted by the faculty member for unsatisfactory progress in at least one-half of his self-paced instruction courses may be subject to academic probation. Part-time students who earn less than a C average in the last 12 credits completed and have not made satisfactory progress in at least half of the SPI courses in which they have enrolled at UTPB may also be subject to academic probation. When either of the above situations occurs the student's status will be reviewed by the assistant dean of the college in consultation with the student and his program mentor. The assistant dean is responsible for notifying the registrar and the student as to the recommendation for future status and probation restrictions. If the student is placed on probation he must earn a minimum of a C average with indication of satisfactory progress in more than half of the SPI courses in which he may be enrolled during the next period of registration or in the next 12 credits for which he enrolls if he is a part-time student. If students in either situation do not meet these standards they will be academically dismissed from the University unless they can present evidence of extenuating circumstances.

Students dismissed from the University for academic reasons may appeal that dismissal through the procedure outlined elsewhere under academic appeal procedures. Students dismissed from the University for academic reasons must wait at least one full semester before applying for readmission. For readmission the student must present evidence that he is likely to succeed in an academic program if readmitted.

## SECOND BACHELOR'S DEGREE

An individual who already holds a bachelor's degree must complete at least 30 credits to receive a second bachelor's degree and, in the process, meet all requirements for the degree.

## CORRESPONDENCE CREDIT

Fifteen (15) semester credits of correspondence study normally will be accepted from accredited colleges or universities, if appropriate to the curriculum, without question. Under some circumstances, additional credits may be considered for acceptance.

## GLOSSARY

For purposes of computer processing, each discipline or area of study is assigned a letter abbreviation for identification consisting of either three or four letters, which are to be used in registration and elsewhere when the data are to be processed through the computer. Following are the abbreviations:

<u>DISCIPLINE</u>	<u>CODE</u>
Accounting	ACCT
American Studies	AMST
Anthropology	ANTH
Art	ART
Aviation Management	AVMG
Behavioral Science	BVSC
Chemistry	CHEM
Communications	COM
Computer Science	CPSC
Creative Writing	CWRT
Earth Science	ERSC
Economics	ECON
Engineering	ENGR
Finance	FIN
Government	GOVT
Great Books	GTBK
History	HIST
Humanities	HUM
Law Enforcement	LWEN
Law Enforcement Management	LEMG
Life Sciences	LFSC
Literature	LIT
Management	MNGT
Marketing	MRKT
Mass Communications	MCOM
Mathematics	MATH
Military Science	MIS
Music	MUS
Natural Science	NTSC
Pedagogical Studies	PED
Philosophy	PHIL
Physical Education and Health	PEH
Physics	PHYS
Psychology	PSYC

Sociology	SOC
Spanish	SPAN
Speech	SPCH
Theatre	THEA
University Courses	UNIV

#### DEGREE REQUIREMENTS

All candidates for the baccalaureate degree must complete at least 120 semester credits of which at least 54 must be at the junior or senior level and the requirements of the degree program in which he desires to take the degree. He must have a C average or better and no F grades in all credits presented for the degree.

A total of 30 credits must be completed at The University of Texas of the Permian Basin of which 6 must be advanced credits in the student's major field. At least 24 of the last 30 credits must be completed at UTPB except that with the approval of the appropriate dean, additional course work may be transferred from other institutions within The University of Texas System.

One may choose to graduate under the requirements set forth in the catalog at the time he enrolled or the requirements in effect at the time he graduates.

Government and History. Texas law requires that all students who receive a bachelor's degree from The University of Texas of the Permian Basin must have received credit for 6 semester hours in American government, including Federal and Texas constitutions, and 6 semester hours of American history; 3 semester hours in the history of Texas may be substituted for 3 of the American history credits. These will normally have been completed at the lower division but if not may be completed after enrolling in the University.

Graduate Record Examination. All candidates for a bachelor's degree must complete the Graduate Record Examination as a prerequisite for receipt of the degree. The results of that examination are used by the University in several ways, including an assessment of its own program and teaching effectiveness.

Writing and Conversation. Every student pursuing a bachelor's degree must demonstrate the ability to write the English language acceptably and to hold a conversation with another person on a one-to-one basis in English. These two competencies are crucial to success in almost every profession and to a satisfying personal life.



Senior Seminar. In his senior year, each student must enroll in a senior seminar according to his major. For example, if he is majoring in sociology, he enrolls in the senior seminar on "The Social Scientist and Society" in which he examines the responsibility of the social scientist to society beyond the obligations of being a citizen of that society. The underlying purpose of the senior seminar is to give each student an opportunity to examine his role in society, beyond that of citizenship, which he incurs because of his specialized educational qualifications. To discourage parochial thinking, students from several related disciplines participate in the same seminar.

Applied Courses. Traditionally students in teacher education, engineering, business, and other professional fields have taken a substantial portion of their curriculum in the basic arts and sciences but students majoring in arts and sciences rarely have been required to study courses in the applied or professional fields. As a part of the degree program at UTPB, each student majoring in one of the basic arts or sciences disciplines must complete two courses in applied fields. This includes accountancy, management, law enforcement, engineering, and pedagogical studies. Both of the courses may not be in the same field.

#### SUMMARY OF UNIVERSITY REQUIREMENTS FOR BACHELOR'S DEGREE

- (1) Complete the total number of semester credit hours as established for the chosen degree program. The minimum number will be at least 120 semester credit hours.
- (2) Complete at least 54 credits at the upper-division level.
- (3) Complete six credits in American government/ six credits in American history.
- (4) Demonstrate proficiency in writing the English language.
- (5) Demonstrate proficiency in conversation in English.
- (6) Complete senior seminar.

- (7) Majors in basic arts and sciences disciplines must complete two courses in applied fields.
- (8) Maintain at least a C Average in courses applicable toward degree.
- (9) Take Graduate Record Examination
- (10) Complete at least 24 credits in major (more in some curricula), 18 in minor/ at least 12 of major credits and 6 of minor credits must be at upper level/ at least 6 credits in major must be taken at UTPB.
- (11) Complete and file an application for graduation.

#### TEACHING EMPHASIZED

Effective teaching will be emphasized at The University of Texas of the Permian Basin, combining the best of traditional or conventional teaching methods with recent educational innovations and technologies.

Innovative teaching approaches will enable the student to spend more time with his professors in conversational settings than is possible in many universities.

Most of the courses will be taught on a conventional basis, that is, three class meetings per week one hour long or two meetings of one and one-half hours each. A number of courses in each field will be offered on a self-paced instruction (SPI) basis. Each full-time student is encouraged to arrange his schedule during the first semester so that he may take at least one course on an SPI basis.

Self-Paced Instruction is designed to permit the student to complete the course as rapidly as he is capable or to take as much time as needed to master it. SPI usually requires no formal class meetings, although in most courses the instructor will meet once a week in a group with those students who wish to attend. Most student-instructor contact in SPI is on an individual basis.

The student is provided with a course outline which includes all instructions for study, activities to complete, sources of information and other necessary instructions. He may visit the professor in his office as often as needed to discuss and clarify questions. When the student feels that he has learned a unit (sometimes called a module) or mini-course), he takes a test, and if he passes it at the prescribed level, he proceeds to study the next unit. If he does not pass, he studies that unit again and takes another test, and so on until he passes it. In this way, the student passes each unit before going on to the next, so that when he completes all units and tests he should have mastered the course material.

Since a student does not need to attend classes in SPI courses, he may begin such a course at any time. Thus, in several places in this catalog where deadlines for adding or dropping courses are set, these refer to courses taught

on a conventional basis and not to courses taught on an SPI basis. Most SPI courses may be started and finished at almost any time. It should be noted that when two sections of a course are offered, one section will often be taught on a conventional basis and the other on a self-paced instruction basis.

Contract Study. Several different types of independent study will be available at the University. These are normally undertaken after one full semester or equivalent of study at the University and often after two semesters. These are referred to as contract study since, before the study can be undertaken, the student must write out his plan for the study showing the objectives, procedures to be used in the undertakings, means of evaluation, and other plans, and have the contract plan approved by the appropriate professor.

Contract study usually applies to special projects, independent research, and the like, but it may also be used for field study, cooperative work experience, externships, and certain other learning activities. It will occasionally be used for a formal course when that course is not offered in the University.

Other Teaching Approaches. The University will offer seminars, reading courses, occasionally a filmed course, a limited number of computer-assisted courses, and a few courses on an auto-tutorial basis. Special stress will be placed on the use of the Educational Media Services of the Learning Resources Center in all courses, those using newer teaching approaches as well as those taught on conventional basis.

The audio cassette will be used extensively by students at the University. Most instructions for laboratory exercises will be provided on a cassette; some lectures will be available on cassette, as will certain study materials in music and others. Therefore, each student will be required to have his own cassette tape recorder with headphone or ear-plug attachment. It should be a portable model which the student can carry with him at all times.

#### INTERDISCIPLINARY STUDIES

Considerable opportunity is available for students to build interdisciplinary programs. The requirement of a minor for the B.A. and B.S. degrees represents an attempt to broaden one's education, as does the requirement of courses in applied fields. Most interdisciplinary and cross-disciplinary studies are planned within the context of offerings in the respective disciplines which are outlined within the offerings of each college. In addition, there are courses which are not peculiar to a particular discipline. Some of these deal with a group of disciplines such as natural sciences and behavioral sciences while others involve disciplines from throughout the University.

Following is a preliminary list of interdisciplinary courses planned:

UNIV 399	Senior Seminar	(1)
GTBK 301, 302	Great Books I, II	(2,2)
NTSC 359	Technology and Society	(3)
BVSC 059	Development of Mental Proficiencies	(3)
NTSC 460	Introduction to Research	(3)
NTSC 301, 302	Contemporary Natural Science	(3,3)

#### CONTINUING EDUCATION

The class day begins at 8:00 A.M. and ends at 9:40 P.M., and in some cases later. Unlike some universities in which courses offered after 5:00 P.M. are provided through an extension division, at UTPB courses offered in the late afternoon and evening are a part of the regular offerings of the University. Students enrolling in late afternoon and evening courses only will register in the same manner as students who are taking daytime courses only. Many full-time students will have a mixture of daytime and evening classes.

After the University is underway, it will offer short-courses, workshops, and the like, particularly those that will be of service to the economy of the people of the Permian Basin.

#### MILITARY STUDIES

The University offers military study leading to a commission as a second lieutenant in the United States Army Reserve. Credit earned in military studies is considered academic credit but it may not substitute for requirements for a degree.

The Department of the Army maintains a senior division ROTC unit at Texas Tech University for the purpose of providing qualified graduates a means of obtaining a commission in the U. S. Army. Through a cross-enrollment agreement, this program is available as described below to The University of Texas of the Permian Basin students. Interested students should contact the Director of Admissions for details of enrollment procedures. No tuition is charged for enrollment in the program and all books and uniforms are provided the student free of charge. UTPB charges a recording fee of \$5.00 for each military science course taken.

Program. Entrance into the courses entails signing an agreement with the Army to continue in the program and to accept a commission, if offered. Students receive a subsistence allowance of \$100 per month during the school year and approximately \$265 per month for attendance at one six-week summer camp at the end of the student's junior year. A student must pass prescribed physical and mental examinations to qualify for the course. Application for this program must be made as early as possible, preferably prior to enrollment for the junior year since applicants without

credit for prior military service are required to attend summer camp preceding the junior year. Credit for prior military service or ROTC training may be granted.

Scholarships. Two year scholarships are available to students enrolled in the ROTC program. These scholarships pay all tuition fees, books, and supplies for all courses in which the student is enrolled and pays a cash allowance of \$100 per month to the scholarship student. Selection for these scholarships is competitive. Application is through the Professor of Military Science.

Flight Training. Qualified students interested in becoming Army aviators after commissioning may receive flight training at a selected flying school during their senior year. The cost of this training is paid by the Army. Upon acceptance into this program, the student must agree to apply for and accept flight training in the Army.

Extra-Curricular Activities. The Military Science Department will sponsor a number of extra-curricular activities, such as a precision drill team, a counter-guerrilla unit, a rifle team, and a military honor society. Membership in these organizations is open to all cadets. They will provide a wide range of activities and further opportunity to develop leadership ability.

#### Courses In Military Science (MIS):

##### Junior Year:

- MIS 331 Leadership, Military Teaching, and  
Branches of the Army
- MIS 322 Small Unit Tactics and Communications

##### Senior Year:

- MIS 431 Military Operations, Logistics, and  
Administration
- MIS 422 Military Law, Role of the United States  
in World Affairs, and Service Orientation

#### MARINE CORPS PROGRAM

The Marine Corps Platoon Leaders Program will be available at the University as will the Marine Woman Officers Candidate program. Applicants may sign up for the program during their sophomore year and attend two six-weeks summer camps at Quantico, Virginia or they may sign up during their junior year and attend one ten week summer camp at Quantico. Upon successful completion of the summer camps and graduation they will be commissioned Marine Corps 2nd Lieutenants. One hundred dollars a month will be paid candidates during the school year after successful completion of the first summer camp. The same provisions apply to the Woman Officers Candidates except that their summer camp is seven weeks. Men entering during their freshman year at other institutions can continue the program at UTPB.

## STUDENT SERVICES

In addition to formal courses and other academic experiences, the education and intellectual and personal development of students are further enhanced through a wide variety of out-of-class services. This aspect of the student's University experience is primarily the responsibility of the Office of Student Services. Following are the major areas of service of that Office and its components.

Financial Aid. The University has available a variety of scholarships, grants-in-aid, loans, federal work study programs, and other forms of institutional, private, state and federal assistance to students.

The State of Texas provides tuition exemptions for State residents who meet certain qualifications. In addition, Texas tuition scholarships through the Connally-Carrillo Act provide assistance for needy students graduating in the upper twenty-five percent of their high school class since May of 1967. Various scholarships from other sources are also available.

The federal government provides funds through the Supplemental Education Opportunity Grant program to students from low-income families. Federally funded Law Enforcement Education Grants are available to in-service law enforcement officials.

Long term loans available include the National Direct Student Loans, Hinson-Hazlewood Loans for Texas residents and federally insured loans. Short term loans are available for students with emergency loan needs.

Detailed information concerning all financial assistance programs as well as applications may be obtained from the Financial Aid Office.

Housing for Students. The University does not own or operate any student housing facilities. Consequently there are no formal University housing regulations for students. Students who do not live at home will need to locate living accommodations in the surrounding community. To assist students in locating off-campus housing the University provides a listing of householders in the community who have accommodations available for rent. Individuals who desire such a listing or wish to obtain further information should contact the Director of Student Life.

Students should be aware that the University does not inspect or recommend any off-campus rental facilities; nor does it, in any way, become a party to a contractual agreement between a householder and a student.

Counseling Services. The University recognizes that many students desire help in finding solutions to problems concerning career goals and personal problems. The Counseling Services Office will assist a student with personal problems and in career planning. It can also help

him to relate career goals to life style and life goals. Testing and personal counseling are also available to help the student analyze his abilities, aptitudes, and attitudes.

Placement. The Placement Office provides the opportunity for a graduating student to come into contact with a potential employer in his career field. This office has available information on, and, in many cases, can arrange interviews with local, regional, and national companies.

Students who wish to utilize this service should plan to register with the Placement Office during the fall semester of the year they expect to graduate.

Student Health Insurance. Personal health is the responsibility of each individual student. All students who enter the University are encouraged to carry health and accident insurance. The University makes available at minimal cost a voluntary health and accident insurance program for students. Further information may be obtained by contacting the Student Services Office.

In light of the excellent community medical resources, the University does not provide on-campus medical services.

Student Conduct. The University considers all students to be adult; therefore, their behavior is subject to all expectations of The University of Texas Regents and UTPB rules and regulations as well as local, state, and federal laws. The University reserves the right to restrict the enrollment of any student for disciplinary or academic reasons. Further information regarding the University's rules of conduct and due process procedures are provided in the student handbook published by the Student Services Office.

Student Activities. The University has developed student activities programs which provide an opportunity for the expression and development of student interest. Such programs can provide the major means through which students may give expression to their talents, develop their skills, and deepen relationships with other students and faculty. Further information regarding student organizations and activities can be obtained from the Student Life Office.

Orientation. An orientation program designed to acquaint the student with the University community is conducted at the beginning of each semester. Details concerning each semester's program are developed by the Student Life Office and mailed to incoming students about four weeks prior to their scheduled registration. This is a comprehensive program designed to acquaint students with faculty as well as with each other.

Veterans Affairs. The University participates in all aspects of the Veterans Administration programs available to returning veterans who enroll as students. Information concerning rights and privileges can be obtained by contacting the Financial Aid Office.

Part-time Employment. The Financial Aid Office maintains a file of all part-time campus jobs. Any students desiring part-time employment with the University must contact this office. A file of part-time jobs in the local Odessa-Midland area is also maintained. Local business and campus employers keep in close touch with this office to inform students of job openings.

Intramural Sports. A variety of intramural sports programs are available in which individuals may participate. All organizations or individuals who wish to participate on either an individual or team basis may obtain information regarding the various sports by contacting the Director of Student Life in the Administration Building. Many of the programs are designed to supplement the Lifetime Sports program of the University.

University Bookstore. Textbooks and academic supplies may be purchased on campus at the University Bookstore located just west of the classroom complex. Costs of such items will depend upon the courses selected. In general, books and supplies for technical subjects are somewhat higher than those for many of the usual academic subjects.

The University Bookstore will purchase from students used textbooks which are in good condition provided that such textbooks continue in use by the various departments.

#### COLLEGE OF ARTS AND EDUCATION

The College of Arts and Education will offer programs leading to the Bachelor of Arts degree in anthropology, art, creative writing, government, history, humanities, literature, (options in American literature, American studies, English literature, and comparative literature), mass communications (journalism and radio-television), music, physical education and health, psychology, sociology, speech, Spanish, and theatre. Teacher education programs will be offered in most of the arts and sciences teaching fields.

The Master of Arts will be offered in physical education and health and in education, with options in early childhood education, elementary education, secondary education, counseling, and special education.

The programs leading to the Bachelor of Arts degree are sufficiently flexible to permit students to plan concentrations in keeping with their educational needs, interests, and career plans. Within the context of each major a student may plan a program that will provide him a broad liberal education, or he may devise a program that will prepare him for immediate entry into a career of his choice or for graduate study.



## DEGREE REQUIREMENTS

In addition to general University requirements for the Bachelor of Arts degree the student must complete the particular degree requirements set forth on the following pages.

The Bachelor of Arts degree in the College of Arts and Education requires a minimum of 120 credits. Except in those fields of study listed below, a minimum of 24 semester hours of coursework is required in each major plus a minor of at least 18 semester hours. At least 12 credits in the major and six in the minor shall be completed at the upper level. In the case of interdisciplinary programs, specifically American studies and humanities, the major and minor requirements do not apply; see the appropriate sections for specific requirements for those programs. In the cases of majors in music, art, and theatre, those students pursuing the liberal arts concentration will complete a major and a minor as described above; students pursuing the teacher preparation concentration will be required to complete additional credits in the major field but a minor is not required.

## LOWER DIVISION REQUIREMENTS

The Core Curriculum set forth by the Coordinating Board, Texas Colleges and University System will be accepted in its entirety and applied toward appropriate degrees. It is not necessary that the student complete this exact list of courses, however. For example, except for majors in Spanish, the study of a foreign language is not required for the Bachelor of Arts or the Bachelor of Science degree.

In many cases, because of special interest of career plans, the individual would be well advised to complete four semesters of one foreign language; in other cases, however, the student would be wiser to use the time that might be spent on a foreign language on some other course or courses which will fit his particular needs better. Following is a list of required and recommended courses for students who plan to transfer to the University and to pursue the Bachelor of Arts degree in the College of Arts and Education.

	Required	Recommended
	(Semester Hours)	
English Composition	6	6
Literature	6	6
Government, American	6	6
History, American	6	6
Mathematics	3	6
Biological Science	3	6
Physical Science	3	6
Fine Arts	-	3
Psychology	-	3
Sociology or Anthropology	-	3
Economics	-	3
Speech	-	3
Philosophy	-	3

While it is to the student's advantage to complete all of the required courses before transferring, it is not required that he do so. If he has completed 60 credits but still lacks some of the required courses, he may be admitted to the University and complete those courses after transferring.

Of the above, the two courses in government and history are required by state law. A course in philosophy may be substituted for one of the literature courses. Students planning to study art, music, or theatre and who plan the teacher preparation options may, in some cases, make course substitutions for the requirements in mathematics and natural sciences. In addition to the foregoing, one should take courses in his major field and minor field. In most cases one should take only nine credits each in his major and minor fields but he may take as many as 12 credits in each.

If a student finds, after enrolling at the University, that he requires a freshman or sophomore course, it will be possible for him to take that course at a nearby junior college.

#### PROGRAMS OF STUDY

Following are descriptions of offerings in the various fields of study and requirement for the Bachelor of Arts degree in each.

##### AMERICAN STUDIES

The American Studies major is concerned with the development of American civilization from the vantage point of several disciplines. Its purpose is to enable students to achieve a systematic understanding of American society, thought, and culture in considerable breadth but also with reasonable depth. Coursework is concentrated in history and literature, but may also include study of other fields in the social sciences, the fine arts, and the humanities. There is no minor.

American Studies majors are not prepared for specific vocations, but with their understanding of American development they can reasonably look forward to careers in writing, government, education, or similar fields, or they are prepared to continue their studies at the graduate level in American Studies or related disciplines.

Detailed programs for each individual student must normally have the approval in advance of a faculty adviser. As a minimum, each student's program should include from 9 to 12 semester hours of upper-level credit in American history 9 to 12 semester hours of upper-level credit in American literature, and six hours of upper-level credit in appropriate coursework in at least two of the following fields: anthropology, art, creative writing, economics, mass communications, music, government, philosophy, sociology, and theatre.

In addition, the following course is required of all majors and is normally taken in the senior year:

## ANTHROPOLOGY

Anthropology involves the study of man in his society within a historical and comparative context. There are five generally recognized fields of study within anthropology. Social anthropology is concerned with the structure and organization of society and also with social behavior, frequently viewed in the historical context, but social anthropologists are increasingly concerning themselves with contemporary social behavior. Ethnology is concerned with man's culture, its history, growth, and change. Archaeology is an approach to understanding man's social and cultural systems through reconstruction or unearthing of man's remains. Physical anthropology involves the study of fossil evidence for human evolution, the behavior of primates, and genetic characteristics of man. Linguistics deals with the properties of language and its contribution to the better understanding of man historically.

The study of anthropology prepares individuals for careers in medicine, government service, education, and other institutions in which an understanding of social relationships among man are useful. The Bachelor of Arts degree program in anthropology is intended to provide broad preparation in anthropology with special emphasis on social and cultural anthropology.

A major in anthropology will serve students with at least three different orientations. The first group includes individuals who desire a broad liberal education but wish more than elementary understanding of anthropology. The second group consists of those individuals who wish to become social studies teachers in the secondary school or teachers in the elementary school and have special interest in anthropology. Finally, programs can be devised for those who wish to become professional anthropologists including further study of anthropology in graduate schools. Students in the first two categories will normally take a minimum of 24 credits and a maximum of 32 credits in anthropology. Those in the last category will typically take considerably more than the minimum number of credits in anthropology. Most of the students majoring in anthropology will probably take a minor in sociology, although some may choose to minor in psychology, life science, art, or even other less directly related disciplines.

Before arriving at the University students should have completed at the lower division an introductory course in anthropology. Majors in anthropology should complete a course in "Social Anthropology" and in "Physical Anthropology." The remainder of the courses in the major are selected by the student and his advisor within the context of his interests and/or career plans.

Tentative list of courses to be offered in anthropology:

ANTH 311	Social Anthropology	(3)
ANTH 315	Physical Anthropology	(3)
ANTH 344	Language and Culture	(3)

ANTH 361	Ethnic Groups in the South- west	(3)
ANTH 375	Linguistic Anthropology	(3)
ANTH 386	Peoples of Mexico	(3)
ANTH 417	Archaeology of the Southwest	(3)
ANTH 427	Trends in the History of Anthropology	(3)
ANTH 437	Urban Anthropology	(3)
ANTH 447	Ethnography	(3)
ANTH 449	Selected Topics in Anthropology	(1-3)

## ART

The study of art is a study of man as an image and form maker. From the earliest times man has made visual symbols which affirm the need for aesthetic communication between the creator and the spectator. The understanding and practice of art as communication is the core of the UTPB art program.

Initially, a non-specialized degree program in art will be offered which will concentrate on developing in students a measure of proficiency in the basic art forms, built on a foundation of theoretical training in art. This training will take place in an "Open Studio" setting which allows the student to develop his own concept of art and to bring it to fruition by moving freely from one studio area to another at his own pace.

A major in art requires a minimum of 24 semester credits in art, and a minor of 18 credits in another discipline; at least 12 of major credits and 6 of minor credits must be at the upper level and at least 6 credits of the major must be taken at UTPB.

The degree Bachelor of Arts is offered in art. However, there will be sufficient flexibility at UTPB to enable students to plan programs equivalent to the B.F.A. at other institutions. In addition, those students planning for careers in teaching will be able to complete a program in art which will essentially parallel a bachelor's degree in art education.

The course "Concepts of Art" is required of all entering students.

Tentative list of courses to be offered in art.

ART 301	Concepts of Art	(3)
ART 303	The Human Figure	(3)
ART 311	Painting Techniques-water	(3)
ART 313	Painting Techniques-oils	(3)
ART 314	Anglo-American Images-history	(3)
ART 315	Anglo-American Images II	(3)
ART 320	Graphic Art I-Intaglio	(3)
ART 323	Graphic Art II-relief	(3)
ART 322	Form Design I-ceramics	(3)
ART 329	Form Design II-materials	(3)
ART 372	Elementary Art Education	(3)
ART 373	Secondary Art Education	(3)
ART 420	Graphic Art III-planographic	(3)
ART 422	Form Design III-glass	(3)
ART 423	Graphic Art IV-serigraphy	(3)
ART 429	Selected Topics in Art	(1-3)

## CREATIVE WRITING

The Bachelor of Arts degree program in creative writing is designed for students who plan a career in writing and also for those who view writing as desirable preparation for other careers. Much of the emphasis will be on writing fiction, as well as non-fiction, poetry, and drama. Some students will choose to augment their study of creative writing with the study of literature, especially the work of major writers of fiction, poetry and drama, while others, especially those interested in non-fiction, will choose additional study in mass communication.

In addition to preparation for careers in fiction writing and free lance non-fiction writing, students completing the program in creative writing will be prepared for careers in magazine editing and publishing, book publishing, advertising, and teaching, and for writing positions in industry, government, the military services, institutions of higher education, and a variety of other endeavors. In addition to those majoring in creative writing, many non-majors will find courses in creative writing useful additions to their curricula in other fields.

The minimum requirement of 24 credits in the major field may consist solely of creative writing or may consist of a combination of not less than 12 credits in creative writing and at least 12 credits in literature and/or mass communications. The minor should normally be taken in a field that will provide one with some expertise in at least one discipline outside of the literary sphere. The writer whose interests lie in writing about the human condition might minor in psychology, sociology, or behavioral sciences; one who is interested in technical writing might choose a minor in science, engineering, or management; a writer of fiction might find history or literature more appropriate.

All majors in creative writing will be required to complete CRWT 305, 352, and 490 plus six credits in literature.

## Tentative list of courses in creative writing:

CRWT 305	Advanced Exposition	(3)
CRWT 315	The Short Story	(3)
CRWT 325	Poetry	(3)
CRWT 335	Television Drama	(3)
CRWT 337	The Short Drama	(3)
CRWT 352	Fiction	(3)
CRWT 362	Writing Non-fiction	(3)
CRWT 399	Selected Topics in Creative Writing	(1-3)
CRWT 490	Writing Tutorial	(3)

## GOVERNMENT

The Bachelor of Arts degree program in government is oriented primarily toward American government and politics and secondarily toward comparative government, with supporting study in political theory.

A major in government is ideal for students with many different objectives. The student who desires a general education and is particularly interested in the political and social sciences will find the study of government rewarding. In addition a wide variety of career opportunities is open to students who major in government, including the United State Foreign Service, specialized work in foreign countries, for foundations, the federal government and private organizations, city management, and other types of public administration and public service, plus positions less directly related to government. Pre-law students will also find the study of government appropriate preparation for law school. A major in government is quite appropriate for students who plan to teach government or social studies in the secondary school and also for those preparing to teach in elementary schools.

In addition to lower division requirements set forth elsewhere in this catalog, including particularly two courses in American government, a major in government at the University should include at the upper level at least one course in American government, one course in comparative government, and one in political theory. Within that framework the student and his faculty advisor will plan a program in keeping with the student's interest and career plans.

Following is a tentative list of courses to be offered:

GOVT 311	American State Governments	(3)
GOVT 313	American Parties and Politics	(3)
GOVT 315	The Legislative Process in the United States	(3)
GOVT 321	Introduction to Comparative Government	(3)
GOVT 331	Modern Political Systems	(3)
GOVT 341	Texas Government	(3)
GOVT 417	Interest Groups in American Political Process	(3)
GOVT 419	Special Topics in American Government	(1-3)
GOVT 423	Governments and Politics of Latin America	(3)
GOVT 429	Special Topics in Comparative Government	(1-3)
GOVT 431	Political Theory	(3)
GOVT 433	Systematic Political Theory	(3)
GOVT 435	Twentieth Century Political Thought	(3)
GOVT 441	Western Political Tradition	(3)
GOVT 443	American Foreign Policy	(3)

## HISTORY

The study of history represents man's attempt to understand the past, not only what happened but why it happened. It has been said that he who ignores history is doomed to repeat the mistakes of the past. Thus, the study of history leads to an understanding of man's present behavior, his customs and traditions and also provides a basis for charting the future.

The study of history provides an ideal major for the individual who simply wants a broad liberal arts education rather than professional preparation. It also provides good preparation for a number of professional and career goals in government, industry, writing, and other fields. Teaching is one of the most common uses of preparation in history. History is a logical major not only for those preparing

to teach history, or social studies in the public schools, but for many who are preparing for teaching at the elementary or kindergarten level.

The program in history will provide breadth of preparation typical of baccalaureate degree programs in history elsewhere but at the same time will allow flexibility in order that a student may build emphasis in an area or areas of history of special interest to him. The University expects shortly to build special strength in history of the American West and in Latin American history.

Students in the teacher education option will take a minimum of 24 credits in history plus a minor and the required pedagogical studies courses. Students in the non-teaching option will be expected to complete additional courses in history leading to more specialized preparation.

Students should have completed two courses in American history before enrolling in the University. Additional requirements include a course in history of the American west and a course in Latin American history preferably at the upper level. Other courses are selected by the student and his advisor in the context of his background of preparation, interests, needs, and professional plans.

Tentative list of courses to be offered in history:

HIST 301	History of Texas	(3)
HIST 303	History of the American West	(3)
HIST 305	History of the Southwestern United States	(3)
HIST 311	History of Mexico	(3)
HIST 313	History of South America	(3)
HIST 315	History of Central America and the Carribean	(3)
HIST 321	History of Western Europe	(3)
HIST 331	The United States in the Nineteenth Century	(3)
HIST 333	The United States in the Twentieth Century	(3)
HIST 335	American Colonial and Early National History	(3)
HIST 401	The Frontier in American History	(3)
HIST 437	The Civil War and Reconstruction	(3)
HIST 439	Selected Topics in History	(1-3)
HIST 451	The History of American Thought	(3)
HIST 461	American Diplomatic History	(3)
HIST 471	History of Africa	(3)
HIST 481	Ethnic Minorities in the United States	(3)

#### HUMANITIES

The program leading to the B.A. degree in humanities is multidisciplinary and is designed for the individual who desires a liberal arts education but does not wish to specialize. Within broad limits, each program is individually designed by the student and his advisor. The program includes primarily humanistic studies but requires that the individual become acquainted with several other disciplines.

The humanities major is considered a wise choice for students who are nonvocationally oriented or who are planning postgraduate study of law, theology, the liberal arts and certain other fields. A major in humanities is a logical selection for some students who wish to prepare for elementary or

kindergarten teaching.

The B.A. degree in humanities requires 120 semester hours of credit. The requirements are as follows:

(1) 9-15 credits in each of two of the following: American studies, creative writing, literature, mass communications, and speech.

(2) 9-12 credits in one of the following: history, Spanish language (or other foreign language) and literature, or philosophy.

(3) At least 6 credits in each of two of the following: music, art, theatre, dance.

(4) At least 6 credits in each of two of the following: anthropology, sociology, economics, government, pedagogical studies, psychology.

The above may include courses completed in meeting the lower division requirements, however, one-half of each group must be at the upper level. Additional courses included shall be determined in consultation with the adviser following discussions concerning the student's educational background, plans, professional goals and needs, provided that all of the courses included in the planned program for the humanities major have intellectual coherence.

#### LITERATURE

Majors and minors will be offered in four areas of literature initially--American, British, comparative, and Spanish (see separate section for Spanish). In addition, an interdisciplinary degree program is offered in American Studies (see separate section) which includes some American literature but is more broadly based than the normal major in that area. Students interested in combining the study of world literature with that of music, art, the theatre or related fields should refer to the section on Humanities. Students interested in producing as well as studying literature, should consider a major in creative writing (see separate section).

The literature major is required to complete 24 semester hours of credit, of which at least 12 hours must be at the upper level. Eighteen semester hours of credit are required for a minor, of which at least six must be at the upper level.

Each major must include a two-semester course sequence in the history of the appropriate literature, two courses in a literature outside the major, a course in at least one genre, and a course in a major author. Detailed programs for each individual student must have the approval in advance of a faculty advisor.

Students planning to teach should complete Texas certification requirements as described in the section



on Teacher Education.

Tentative list of literature courses to be offered:

LIT 301, 302	History of American Literature	(3,3)
LIT 303, 304	The American Novel	(3,3)
LIT 321, 322	History of British Literature	(3,3)
LIT 323, 324	The British Novel	(3,3)
LIT 341, 342	Masterpieces in World Literature	(3,3)
LIT 343, 344	The Novel in World Literature	(3,3)
LIT 345, 346	Short Fiction of the World	(3,3)
LIT 389	Selected Topics in Literature	(1-3)
LIT 400	The American Short Story	(3)
LIT 401	American Poetry	(3)
LIT 402	American Drama	(3)
LIT 411	American English	(3)
LIT 415	The Works of a Major American Author	(3)
LIT 416	The Works of a Major British Author	(3)
LIT 417	The Works of a Major World Author	(3)
LIT 421, 422	British Drama	(3,3)
LIT 423, 424	English Poetry	(3,3)
LIT 425, 426	The English Language	(3,3)
LIT 441, 442	World Drama	(3,3)
LIT 443, 444	Poetry of the World	(3,3)
LIT 445, 446	Literary Criticism	(3,3)

#### MASS COMMUNICATIONS

The Bachelor of Arts degree program in mass communications is designed to acquaint the student with the wide range of career opportunities in mass communications, provide basic understanding of the concepts and principles common to all aspects of mass communications and finally to provide specialized preparation in at least one field of mass communications. This specialized preparation is oriented toward preparing the individual primarily to work in either broadcast journalism (radio/TV) or print journalism. Thus, the curriculum in mass communications encompasses that study leading to degrees in journalism and in radio/television at other institutions, plus study of the broad field of mass communications.

Prior to enrolling at the University, students should have had some introductory course work in journalism, radio/television, or mass communications and some prior experience in one of these fields will be useful. However, such prior experience is not a prerequisite to the study of mass communications.

The Bachelor of Arts degree program in mass communications is oriented toward preparing individuals for careers in newspaper reporting and editing, magazines, radio and television reporting, production and management, as well as public relations, advertising, and specialized communications professions.

The B.A. degree in mass communications requires 24 credits in the major field, 12 of which must be upper level, plus a minor in a supporting field of which at least 18 semester hours of which 6 credits must be at the upper level. Majors in mass communications are encouraged to minor in subject

matter fields that will better qualify them to work in the mass communications industry. Minors in government, management, or history are among the more commonly chosen fields, while individuals planning to become specialized writers may choose to minor in technical or scientific fields. Students who wish to prepare for teaching in the public schools should complete requirements described in the section under Teacher Education. Students desiring to prepare for careers in advertising will want to include a substantial percentage of their preparation in the College of Management.

Tentative lists of courses to be offered in mass communications:

MCOM 303	Reporting	(3)
MCOM 305	Communications Law	(3)
MCOM 306	History of Communications	(3)
MCOM 307	Mass Communications Laboratory	(1-3)
MCOM 308	News Problems	(3)
MCOM 313	Advanced Reporting	(3)
MCOM 315	Public Affairs Reporting	(3)
MCOM 318	Editing and Makeup	(3)
MCOM 341	Radio/Television Announcing	(3)
MCOM 342	Radio/Television Programming	(3)
MCOM 344	Television Production	(3)
MCOM 345	Television Direction	(3)
MCOM 471	Mass Media and Society	(3)
MCOM 489	Selected Topics in Mass Communications	(1-3)

## MUSIC

Degree programs in music have been designed to meet a number of professional and academic needs. Each program is characterized by a core of music theory and literature competencies, following which courses are included to fulfill student goals and complete requirements for the Bachelor of Arts degree.

Liberal Arts Degree. The liberal arts program as an alternate route to the Bachelor of Arts degree in music, provides the student with the opportunity to concentrate in music while pursuing a broad program of studies. Stress is placed on elective courses in the humanities and social sciences, and the exact direction the student takes in selecting courses outside music will depend on his specific interests.

The complete upper level degree program must include twelve semester hours of music courses drawn from MUS 305, 306, 307, 309, 310, 319, and 501; 6 hours of independent study of interdisciplinary topics, e.g., "Music and Anthropology"; 6 hours of art and/or theatre; and 6 hours of advanced history. Students are encouraged to complete their degree programs with credits broadly distributed in the areas of anthropology, sociology, psychology, language, literature and creative writing, and in the applied sciences.

Since there is less concentration in music performance and theory in the liberal arts option of the B.A. student may find that they need additional course work in music for admission to graduate music programs.

Teacher Preparation. Within the BA in Music degree, there are three options leading to state certification for public school teaching. These programs emphasize, respectively, (1) Instrumental music teaching, (2) Vocal music teaching, and (3) Elementary school music.

Instrumental Music (all-level certification). The degree option in instrumental music education is designed to develop competencies necessary for the successful teaching of instrumental music at all levels in the public schools. Students considering careers as band or orchestra directors should register in this curriculum.

Required music courses: MUS 301, 303, 305, 306, 307, 320, 401.

Vocal Music (all-level certification). The emphasis in vocal music education is designed to prepare students for careers in all levels of choral conducting, junior high school general music and elementary school vocal music.

Required music courses: MUS 301, 303, 305, 306, 308, 325, 402.

Elementary School Music (elementary certification). Students desiring preparation as elementary school music specialists shall receive an elementary teaching certificate. The course of study leading to this degree option emphasizes teaching competencies for children in grades K through 8.

Required music courses: MUS 303 (keyboard or voice), 305, 320-E, 325.

Tentative list of music courses to be offered:

MUS 301	Conducting	(2-4)
MUS 303	Applied Music Principal Sections: A - Keyboard; B - Strings; C - Brass; D - Woodwinds; E - Voice; F - Percussion	(4)
MUS 305,306	Historical Survey of Form of Music	(3,3)
MUS 307	Orchestration	(2-4)
MUS 308	Choral Arranging	(2-4)
MUS 309	Composition	(2-4)
MUS 310	Tonal Counterpoint	(2)
MUS 319	Topics in Music History and Literature	(1-3)
MUS 320	Elementary Music Pedagogy Section: A - Keyboard; B - Strings; C - Brass; D - Woodwinds; E - Voice; F - Percussion	(2-12)
MUS 325	Music in the Elementary School	(3)
MUS 401	Instrumental Music in the Secondary Schools	(3)
MUS 402	Choral Music in the Secondary Schools	(3)
MUS 403	Bibliography	(3)
MUS 404	Psychological Foundations in Music Education	(3)
MUS 405	Historical and Philosophical Foundations of Music Education	(3)

## PHILOSOPHY

The study of philosophy is concerned with man's values and his relationships with other individuals and within institutions as well as those in the speculative domain. It is concerned with such matters as ethics, political and legal philosophy, esthetics, standards of excellence in various pursuits and institutions, metaphysics, philosophy of religion, history and science, and linguistics.

The University does not offer a degree in philosophy, but will offer courses which students may find of interest as a part of their general education, and in other cases to help integrate learnings in other disciplines.

Tentative list of courses to be offered:

PHIL 311	Logic	(3)
PHIL 321	Ethics	(3)
PHIL 331	Philosophy of Religion	(3)
PHIL 341	Existentialism	(3)
PHIL 351	Philosophy of Science	(3)
PHIL 361	Theory of Knowledge	(3)

## PHYSICAL EDUCATION AND HEALTH

The initial programs offered by the Faculty of Physical Education and Health will be concerned primarily with physical education. The uniqueness of study in this area is the emphasis on human movement and performance. Study will focus on the analytical, psychological, physiological, and developmental factors in human movement and their application to instructional programs.

The Bachelor of Arts degree in Physical Education and Health is designed to accommodate students with different degree objectives. The basic program includes development of competencies in physical education and health plus competencies in a secondary field of study. In addition, students may become certified to teach their primary and secondary fields of study in Texas Public Schools. The student, with the aid of a faculty advisor, will plan learning experiences to satisfy his degree and career objectives.

A major in physical education and health is appropriate for students interested in elementary and/or secondary school teaching, physical therapy, corrective therapy, athletic training, youth leadership to include YMCA or YWCA work, coaching, graduate school, and medical school. The student interested in teaching should apply for admission to teacher education when he begins his junior year. The major in physical education and health requires a minimum of 24 nonactivity semester credits, with a minor field of study of 18 credits. For a student interested in teaching certification, a minor field of study must include 24 credits. The minor selected should complement one's degree and career objectives.

It is recommended, but not required, that students complete the following courses or their equivalent before

entering UTPB:

1. Foundations of Physical Education
2. Personal and Community Health
3. First Aid

Prior to graduation from UTPB, students must demonstrate competencies that correspond with their degree objectives. While these competencies will vary, certain ones are considered basic to a major in physical education and health.

Following is a tentative list of undergraduate and graduate courses to be offered in physical education and health.

PEH 310	Motor Growth and Development	(3)
PEH 320	Psychology of Sports	(3)
PEH 330	Physical Activity for Handicapping Conditions	(3)
PEH 340	Kinesiology	(3)
PEH 350	Physiology of Exercise	(3)
PEH 360	Coaching Sports	(3)
PEH 365	Practicum in Coaching	(3)
PEH 370	Athletic Training	(3)
PEH 375	Practicum in Athletic Training	(3)
PEH 435	Practicum in Physical Education for the Handicapped	(3)
PEH 439	Selected Topics in Physical Education	(1-3)
Peh 610	Tests and Measurements in Physical Education	(3)
PEH 620	Biomechanics of Movement	(3)
PEH 621	Cinematographical Analysis of Movement	(3)
PEH 630	Curriculum Development in Movement for the Handicapped	(3)
PEH 640	Motor Learning	(3)
PEH 641	Personality and Sport	(3)
PEH 650	Seminar in Physical Education and Health	(3)
PEH 699	Thesis	(1-6)

#### PRE-LAW

Students desiring to complete pre-law preparation and receive a bachelor's degree may do so through one of several options. The most common is the B.A. program in government, however, degrees in several other fields are also appropriate for those desiring to be admitted to law schools. Those interested in entering a law school after completion of the bachelor's degree should consult with the assistant Dean of the College of Arts and Education for referral to an appropriate advisor.

#### PSYCHOLOGY

Psychology is the science of the behavior of organisms, especially the human. The psychologist is concerned with the discovery and application of principles of behavior.

The program in psychology leading to the bachelor of arts degree is designed to prepare students with

differing educational goals. The primary emphasis of the degree program in psychology is in the applied field. Another option is available for those who wish to pursue graduate education in psychology. However, the two options are not completely separate; a student pursuing one option may receive extensive preparation in the other.

Psychology constitutes an excellent major for students whose career goals involve working with people. Students who contemplate a career in teaching, personnel work, advertising, the medical and paramedical fields, crime prevention, counseling, child care, recreation, and urban planning may find psychology to be an appropriate major. The rapid growth of the need for psychological technicians in recent years provides many opportunities for the psychologist trained to the baccalaureate level.

A major in psychology requires a minimum of 24 semester credits and a minor of 18 credits. The minor should complement the major field of study. Sociology and anthropology are excellent minor fields for students in psychology, especially those interested in the applied psychology field. For the students planning graduate work in psychology, mathematics and the biological or physical sciences are also appropriate minor fields.

A course in "Introductory Psychology" is required for all students majoring in psychology. All students majoring in psychology will be required to complete a research project in their senior year which is designed to enable the student to create a problem, design the procedures to solve it, and conduct the research. The research project in applied psychology should involve some community agency or resource such as the schools, the courts, an industrial or commercial enterprise, and the like. For those planning to attend graduate school, the research project may be conducted in one of several areas of psychology of interest to the student.

Tentative list of courses in psychology:

PSYC	301	Descriptive Statistics.	(3)
PSYC	305	Principles of Behavior Modification	(3)
PSYC	311	Social Psychology	(3)
PSYC	315	Learning	(3)
PSYC	321	Abnormal Psychology	(3)
PSYC	323	Personality	(3)
PSYC	341	Child and Adolescent Psychology	(3)
PSYC	371	Motivation	(3)
PSYC	390	Applied Research Project	(3)
PSYC	391	Senior Research Project	(3)
PSYC	401	Inferential Statistics	(3)
PSYC	415	Theories of Learning	(3)
PSYC	433	Personnel Psychology	(3)
PSYC	435	Industrial Psychology	(3)
PSYC	451	Tests and Measurements	(3)
PSYC	459	Selected Topics in Psychology	(1-3)

## SOCIOLOGY

Sociology deals with the study of societies, how they are organized and how they function. The sociologist

seeks to understand communities, institutions, organizations, groups, social movements, social classes, conflict, and human relationships.

The program in sociology leading to the Bachelor of Arts degree is designed to accommodate students with differing objectives. The basic program provides a framework within which one can pursue a liberal arts education, involving a minimum amount of specialized study in sociology and a secondary field, plus a substantial number of electives through which, with the aid of a faculty advisor, an individually planned program can be developed.

A major in sociology is appropriate for many students desiring to complete the teacher education program and prepare for teaching at the secondary, elementary, or kindergarten level. This involves preparation in sociology and a minor field, plus appropriate teacher education courses and experiences leading to certification for teaching.

The program is also sufficiently flexible to permit study in greater depth for those individuals who wish to prepare for a career that requires concentrated preparation in sociology or for graduate study. Individuals so prepared will find professional opportunities in social service, industry, and government. Sociology also provides excellent professional preparation for the study of social work.

Students interested in preparing for teaching should make application for admission to teacher education either prior to enrolling in the University or during their first semester.

A major in sociology requires a minimum of 24 semester credits and a minor of 18 credits. The minor selected should complement the major field of study; anthropology and psychology are logical minors for most students majoring in sociology.

Required courses include "Introduction to Sociology," which should be completed at the lower division, plus "Social Behavior" or "Social Research." It is recommended, but not required, that students complete "Social Problems" at the lower division before transferring to the University. The remainder of the courses are chosen by the student and his advisor so as to help the student reach his educational objectives.

Tentative list of courses to be offered in sociology.

SOC 311	Social Behavior	(3)
SOC 325	Social Research	(3)
SOC 331	Criminology	(3)
SOC 332	Theories of Crime	(3)
SOC 344	Racial and Cultural Minorities	(3)
SOC 345	Crime and Social Order	(3)
SOC 361	Social Change	(3)
SOC 375	Social Stratification	(3)
SOC 386	Formal Organizations	(3)
SOC 417	Industrial Sociology	(3)
SOC 427	Sociological Theory	(3)
SOC 428	Small Groups	(3)
SOC 429	Selected Topics in Sociology	(1-3)

## SPANISH

In a state with the Hispanic heritage of Texas plus its proximity to Mexico the study of Spanish is especially appropriate for many students. A large number of Spanish speaking citizens in the Southwest provide a living language laboratory for students who desire to acquire a fluent knowledge of the language and culture.

The Bachelor of Arts degree program in Spanish assumes that students will have had the equivalent of two years of course work at the freshman and sophomore levels during which they have mastered the rudiments of speaking, reading, writing, and listening to the Spanish language. Spanish is an appropriate major for the student who desires a liberal arts education and has special interest in the language, literature and culture of Spanish speaking peoples. The program is also designed to prepare teachers of Spanish for the elementary and secondary schools. Individuals receiving degrees in Spanish will also have opportunity to function in a bilingual-bicultural setting and to enter in a number of fields where a knowledge of the Spanish language and literature are useful.

The degree program in Spanish is oriented toward the study of Spanish language and literature but also is designed to acquaint the student with Hispanic and Latin American cultures. At least a portion of the courses at UTPB will be conducted in the Spanish language.

Tentative list of courses in Spanish to be offered:

SPAN 315	Advanced Composition	(3)
SPAN 321	Hispanic Civilization	(3)
SPAN 326	Civilization of Spanish America	(3)
SPAN 350	Introduction to Spanish Literature	(3)
SPAN 353	Spanish Literature to 1700	(3)
SPAN 354	Spanish Literature Since 1700	(3)
SPAN 361	Practical Phonetics	(3)
SPAN 432	Applied Linguistics	(3)
SPAN 453	20th Century Spanish Literature	(3)
SPAN 454	20th Century Mexican Literature	(3)
SPAN 479	Selected Topics in Spanish	(1-3)

## SPEECH

The Bachelor of Arts degree in speech is designed to prepare individuals for teaching speech, but also to prepare students who have interest in other areas including rhetoric and public address.

At The University of Texas of the Permian Basin, the programs in speech and mass communications are associated in the Faculty of Communication, indicating that a close relationship is seen between the study of speech and mass communications. Some students will find it desirable to minor in mass communications, although this is not necessary. Other students will choose to minor in literature, Spanish, music, art, and other fields.

In addition to courses in speech, certain courses in pedagogical studies and mass communications are appropriate components of a speech major. Students preparing



to teach should consult the section on teacher education for courses in pedagogical studies required for teacher certification.

Tentative list of courses to be offered in speech:

SPCH 315	Parliamentary Procedure and Group Leadership	(3)
SPCH 330	Introduction to Speech Science	(3)
SPCH 346	Oral Interpretation	(3)
SPCH 351	Speech Criticism and Public Address	(3)
SPCH 418	Principles of Discussion and Conference	(3)
SPCH 453	Selected Theories of Communication	(3)
SPCH 456	Theory of Argument and Persuasion	(3)
SPCH 479	Selected Topics in Speech	(1-3)

#### TEACHER EDUCATION

Teacher education programs leading to certification by the Texas Education Agency will be offered in the following fields:

- (1) Early childhood education (for teaching kindergarten and nursery school)
- (2) Elementary education
- (3) Secondary education
- (4) Special education
  - a. Mentally retarded
  - b. Language/learning disabilities
  - c. Physically handicapped

The teacher education program includes preparation for teaching the following subjects:

Elementary (grades K-8)-anthropology, art, biology, chemistry, English, geology, government, health and physical education, history, mathematics, vocal music, physics, sociology, Spanish, and speech.

Secondary (grades 7-12)-art, biology, chemistry, drama, earth science, English, economics, government, health and physical education, history, journalism, mathematics, music (vocal, instrumental), physics, Spanish and speech.

All level (grades 1-12)-art, music, speech/drama, and physical education and health.

Students enrolled in teacher education will receive the bachelor's degree in one of the arts and sciences fields, while at the same time completing all of the requirements of the Texas Education Agency for certification to teach.

A UTPB student will be as fully prepared for teaching as students who take a bachelor's degree in education at other universities but his degree will be awarded in one of his fields of teaching interest with a minor in a second field, plus completion of teacher education.

Thus, one preparing to teach mathematics in high school would receive the B.S. degree in mathematics with a minor, perhaps in physics, plus completion of all teacher education courses and requirements. This can be done within the minimum of 120 semester credits required for a bachelor's degree.

During the first semester, all students who wish to prepare for teaching will make application for admission to teacher education by submitting an application to the secretary of the Teacher Education Council. Those preparing for teaching at the elementary and/or kindergarten levels will take courses in pedagogical studies\* (education) during both their junior and senior years since 30 semester credits of such study are required for certification to teach at the elementary level, plus another 6 credits to teach kindergarten. Students preparing to teach at the secondary level will take 18 credits in pedagogical studies (education), almost all of which will be taken during the senior year. In all teacher education programs, one full semester during the senior year will be "blocked" for teacher education; this will include some course work plus one-half semester of full time student teaching in a public school.

The University of Texas of the Permian Basin will be the first institution in the State preparing teachers according to the new Performance Based Teacher Education Plan which was instituted by the Texas Education Agency in September 1972. This approach is designed to assure that when students finish a teacher education program they are fully qualified to perform as teachers in the classroom. It means not only that they have passed their courses but also that they have demonstrated that they know the subject matter they will teach and that they have the competence to perform effectively in all teaching situations for which they have been trained.

Certification Study. Individuals who hold a bachelor's degree and desire to become certified to teach may enroll in the teacher education program as non-degree special students, and limit their study only to courses required for certification.

For further information about teacher education, write to: Chairman, Faculty of Pedagogical Studies, The University of Texas of the Permian Basin, Odessa, Texas 79762.

Tentative list of teacher education courses to be offered by the Faculty of Pedagogical Studies:

PED 311	Child Growth and Development	(3)
PED 312	Human Growth and Development: Adolescent	(3)
PED 321	Teaching Strategies for Elementary Schools	(3)

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\* The term "Pedagogical Studies" is derived from "pedagogy," the art and science of teaching and learning, and at UTPB refers to the courses dealing with professional teacher education.

PED 322	Teaching Language Arts in the Elementary School	(3)
PED 323	Teaching Social Studies in the Elementary School	(3)
PED 324	Teaching Arithmetic and Science in the Elementary School	(3)
PED 325	Teaching Reading in the Elementary School	(3)
PED 326	Children's Literature	(3)
PED 331	Teaching Strategies for Secondary Schools	(3)
PED 372	Student Teaching: Kindergarten	(3)
PED 373	Student Teaching: Elementary	(3,3)
PED 375	Student Teaching: Secondary	(6)
PED 376	Student Teaching: All Level	(3)
PED 377	Student Teaching: Special Education	(3)
PED 389	Selected Topics	(1-3)
PED 391	Foundations of Education	(3)
PED 392	Culture and Learning	(3)
PED 411	Early Childhood Education: Development and Learning	(3)
PED 412	Early Childhood Education: Curriculum and Teaching	(3)
PED 413	Language Development in Young Children	(3)
PED 441	Educational Psychology	(3)
PED 451	The Education of Exceptional Children	(3)
PED 452	Theory and Method in Learning Disabilities	(3)
PED 453	Language and Learning Problems of Exceptional Children	(3)
PED 454	Practicum in Learning and Language Disorders	(3)
PED 456	Theory and Method in Education of the Mentally Retarded	(3)
PED 457	Practicum in Mental Retardation	(3)
PED 470	Introduction to Guidance Services	(3)
PED 481	Educational Measurements for the Classroom Teacher	(3)

#### Graduate Courses

PED 607	Supervision of Instruction	(3)
PED 608	Supervision of Student Teaching	(1-3)
PED 609	Selected Topics in Pedagogical Studies	(1-3)
PED 611	Early Childhood Education: Theory and Research	(3)
PED 620	Diagnosis and Remediation of Reading Disabilities	(3)
PED 621	Curriculum Foundations for the Elementary School	(3)
PED 622	Education of the Disadvantaged Child	(3)
PED 634	Curriculum Foundations for the Secondary School	(3)
PED 641	Instructional Design Systems	(3)
PED 642	Individualizing Instruction	(3)
PED 651	Sensory Problems of Exceptional Children	(3)
PED 652	Assessment of Language Disabilities	(3)
PED 653	Clinical Practicum: Language/Learning Disabilities	(1-3)

PED 656	Advanced Problems in the Education of the Mentally Retarded	(3)
PED 657	Etiology of Mental Retardation	(3)
PED 658	Clinical Practicum: Mentally Retarded	(1-3)
PED 670	Introduction to Counseling	(3)
PED 671	Group Techniques for Counselors	(3)
PED 672	Career Development: Theory, Information and Counseling	(3)
PED 673	Guidance Testing	(3)
PED 674	Counseling Practicum	(1-3)
PED 680	Research Design in Education and the Social Sciences	(3)
PED 681	Statistics	(3)
PED 690	Philosophy of Education	(3)
PED 698	Research Problem	(1-3)
PED 699	Thesis Research	(1-6)

## THEATRE

The Bachelor of Arts degree in theatre is designed to prepare individuals who wish to pursue a career in acting, directing, or teaching. Students who desire a career on the stage in large cities will be able to concentrate on acting. The program will also offer preparation for individuals wishing to prepare for a position as producer-director in a community theatre. It is assumed that many students will also be preparing to teach theatre in secondary schools. Finally, the study of theatre is a wise choice for many students who desire to gain a liberal arts education and who feel that it can be best gained within the framework of the degree program in theatre.

A major in theatre requires 24 semester hours, however, it is recognized that those individuals preparing for a career in acting and/or directing will likely complete considerably more than the minimum credits required. In addition a minor of at least 18 semester hours is required; those individuals preparing to teach theatre in the secondary schools will usually find it desirable to complete a minor in speech. They should consult the section on Teacher Education to learn the courses in pedagogical studies required for certification.

Students enrolling to study theatre should have had some prior coursework or experience in speech and/or theatre, although it will be possible for students to major in theatre without having had such prior experience. In addition to courses in theatre, selected courses in creative writing, music, art and mass communications are appropriate for the theatre major.

### Tentative list of courses in theatre to be offered:

THEA 311	History of the Theatre	(3)
THEA 317	Acting and Directing	(3)
THEA 352	Fundamentals of Stage Craft	(3)
THEA 357	Acting	(3)
THEA 358	Directing	(3)
THEA 379	Selected Topics	(1-3)
THEA 451	Make up and Costume	(3)
THEA 452	Lighting and Set Construction	(3)
THEA 479	Performance Workshop	(3)

## THE COLLEGE OF MANAGEMENT

The aim of the College of Management is to help in preparing students to assume leadership responsibility and decision-making roles in business, government, and other administrative environments. Because the demands on modern business and government are in constant change, it is important that students possess a flexibility which comes from a broad education.

An integrated approach to the functions of management will be emphasized since the operation of an enterprise, private or public, cannot be easily segmented and compartmentalized. At the same time, however, strong efforts will be made to prepare students to sit for certifying examinations in the areas of accounting, transportation, and other fields of their choice and to enter a wide range of specialized fields in business and government.

Organizationally, the College of Management offers six undergraduate programs of study. Two curricula lead to the degree of Bachelor of Business Administration: (1) a major in management with emphases in finance, logistics/physical distribution, personnel or production management, marketing, and quantitative management science, plus an option in aviation management and (2) a major in accountancy and information systems. Curricula leading to the degree of Bachelor of Arts include: (1) economics, and (2) law enforcement with an option in law enforcement management. The minimum number of semester hours required for each undergraduate degree is 123. At the graduate level, a Master of Business Administration degree program is offered.

## LOWER DIVISION PREPARATION

Students planning to major in business management, aviation management, accounting, or law enforcement management at UTPB should complete Major Field II requirements set forth in the Core Curricula by the Coordinating Board, Texas College and University System. If a student has not followed this exact list of preparatory courses, he will nevertheless be admitted, provided he meets other requirements for admission. Any preparatory plan of study should include at least 42 semester hours of arts and sciences (including humanities and social sciences) as well as college algebra, basic accounting, principles of economics, and introduction to computer use in business.

Students planning to major in economics may complete the lower division Core Curriculum requirements for accounting and business administration noted above or the lower division preparation outlined for students in the College of Arts and Education. Students planning to major in law

enforcement may complete the Core Curriculum in law enforcement set forth by the Coordinating Board, Texas College and University System, however it is not required that they do so; they may instead complete the lower division preparation outlined elsewhere in this catalog for students in the College of Arts and Education or they may complete the lower division preparation program outline for students in accounting and business administration. The Core Curriculum in law enforcement will be acceptable for students desiring to major in law enforcement management but other preparation, noted above, is recommended.

#### PROGRAMS OF STUDY

Several major fields of professional concentration are available to students in the College of Management. The objective of this upper division work is to provide sufficient specialized management training to prepare the student successfully to enter and advance professionally in his chosen field. Courses available in the college are grouped by fields of concentration and are listed after the section on degree programs.

While each degree program varies in specific content, there is much commonality. For the degree programs previously identified, certain combinations of courses will be chosen from the fields of professional concentration.

To be certified for graduation and granted a degree, students in the College of Management must complete one of the programs of study described below. Those preparing to become teachers must meet the teacher certification requirements outlined in the section on teacher education.

#### ACCOUNTANCY AND INFORMATION SYSTEMS

The major in accountancy and information systems combines the well-established field of accounting with the newer but rapidly expanding area of information systems. The program is intended to prepare students for professional careers in public, managerial, governmental, or social accounting.

Accounting is a discipline that provides quantitative and qualitative information essential to the decision-making process utilized by any type of organization. Information systems courses deal with the techniques of processing, analyzing, and utilizing business or other data for decision making, with emphasis on effective application of computers.

The requirements to sit for the CPA examination in Texas include a minimum of 20 semester hours in accounting plus 9 hours in related business subjects.

The third and fourth year degree requirements consist essentially of five parts:

I. General Education Electives 6 hours

At least 6 semester hours of upper division courses in arts and sciences (including humanities and social sciences).

II. Free Electives 9 hours

III. Basic Management Core 24 hours

The basic core is to provide students with the common body of knowledge in management. Student programs will include courses of instruction dealing with the following areas:

- (a) concepts, processes, and institutions in marketing and distribution, production, and financing functions of business enterprise;
- (b) economic and legal environment of business enterprises along with consideration of the social and political influences on business;
- (c) concepts and methods of accounting, quantitative methods, and information systems;
- (d) organization theory, interpersonal relationships, control and motivation systems, and communications;
- (e) administrative processes under conditions of uncertainty including intergrating analysis and policy determination at the overall management level IV.

IV. Accountancy and Information Systems 24 hours  
Opportunities for advanced work in accountancy and information systems will be provided consistent with the student's and the College of Management's objectives and capabilities.

Tentative list of courses to be offered in accountancy and information systems.

Accountancy	
ACCT 300 Managerial Accounting	(3)
ACCT 301 Intermediate Accounting I	(3)
ACCT 302 Intermediate Accounting II	(3)
ACCT 303 Cost Accounting Principles	(3)
ACCT 404 Advanced Cost Accounting	(3)
ACCT 405 Federal Income Taxation	(3)
ACCT 406 Auditing Theory and Practice	(3)
ACCT 600 Managerial Accounting	(3)
ACCT 601 Controllorship	(3)
ACCT 602 Accounting Theory	(3)
Acct 603 Contemporary Financial Accounting	
Issues	(3)
ACCT 604 Tax Planning	(3)
ACCT 605 Audit Problems	(3)

Information Systems

ACCT 411 Management Information Systems	(3)
ACCT 412 Systems Analysis and Design	(3)

ACCT 413 Information Storage and Retrieval	(3)
ACCT 610 Computer Applications in Decision Making	(3)

#### Finance

FIN 320 Financial Management Principles	(3)
FIN 321 Investment Management	(3)
FIN 322 Commercial Banking: Strategy and Decisions	(3)
FIN 423 Problems in Business Finance	(3)
FIN 620 Financial Markets	(3)
FIN 621 Business Financial Policy	(3)
FIN 622 Investment Policy and Environment	(3)

#### AVIATION MANAGEMENT

The Aviation Management Major is offered as a special option within the BBA Degree Program. This major is intended to provide professional training and education to students interested in careers in airport management, aviation sales, or other areas in the aviation industry involving application of principles of management, marketing, finance, and accounting.

In general, the program considers the physical, social, political, and economic environment of aviation management. It includes considerations of society and environment in terms of those needs, wants and values of man which can be satisfied by rapid, safe, and comfortable transportation of people and by the fast movement of freight.

All students are required to complete flight instruction to the point where they are prepared to solo either before entry into the program or prior to graduation.

Lower division requirements are the same as those set forth in Major Field II of the Core Curricula for junior colleges by the Coordinating Board, Texas College and University System. Third and fourth year degree requirements consist essentially of four parts:

I. General Education Electives 6 hours

At least 9 semester hours of upper division courses in arts and sciences (including humanities and social sciences).

II. Free Electives 9 hours

III. Basic Management Core 36 hours

The basic core is to provide students with the common body of knowledge in management. Student programs will include courses of instruction dealing with the following areas:

- (a) concepts, processes, and institutions in marketing and distribution, production, and financing functions of business enterprise.
- (b) economic and legal environment of business enterprise along with consideration of the social and political influences on business.



- (c) concepts and methods of accounting, quantitative methods, and information systems;
- (d) organization theory, interpersonal relationships, control and motivation systems, and communications;
- (e) administrative processes under conditions of uncertainty including integrating analysis and policy determination at the overall management level.

IV. Aviation Management Core 12 hours

Opportunities for advanced work in aviation management courses will be provided consistent with the student's and College of Management's objectives and capabilities.

Tentative list of courses to be offered in aviation management:

AVMG 300 Meteorology	(3)
AVMG 301 Aviation History and Law	(3)
AVMG 302 Aerospace Legislation and FAA Regulations	(3)
AVMG 304 Practicum in Flight Instruction	(1-2)
AVMG 389 Selected Topics in Aviation Management	(1-3)
AVMG 403 Airport Management	(3)
AVMG 404 Airline Operations Management	(3)
AVMG 406 Aviation Problems and Policies	(3)

BUSINESS MANAGEMENT

To assist graduates in preparing to meet the diverse challenges of personal as well as professional life, all students taking the program of study in business management receive a broadly based general management education before specializing in an area of professional concentration.

Of the 123 semester hours required for the BBA degree in business management, 48 hours should be in management and economics courses, and at least 56 hours in courses other than management and economics. Lower division requirements are the same as those set forth in Major Field II of the Core Curricula for junior colleges by the Coordinating Board, Texas College and University System. Third and fourth year requirements consist essentially of four parts. A general description of the content and the approximate number of hours to be included in each part is presented below.

I. General Education Electives 6 hours

At least 6 semester hours of upper division courses in arts and sciences (including humanities and social sciences).

II. Free Electives 9 hours

Junior or senior students may select 3 or more hours of additional, unconstrained electives, depending on the electives taken at the freshman or sophomore level.

## III. Basic Management Core

36 hours

The basic core is to provide students with the common body of knowledge in management. Student programs will include courses of instruction dealing with the following areas:

- (a) concepts, processes, and institutions in marketing and distribution, production, and financing functions of business enterprise;
- (b) economic and legal environment of business enterprise along with consideration of the social and political influences on business;
- (c) concepts and methods of accounting, quantitative methods, and information systems;
- (d) organization theory, interpersonal relationships, control and motivation systems, and communications;
- (e) administrative processes under conditions of uncertainty including integrating analysis and policy determination at the overall management level.

## IV. Professional Concentration Core

12 hours

Opportunities for advanced work in some of the subject areas will be provided consistent with the student's and College of Management's objectives and capabilities.

Tentative list of courses to be offered in management:

## General Business: Organizational Behavior

MNGT 351	Industrial Organization	(3)
MNGT 360	Legal Environment of Business	(3)
MNGT 367	Law of Commercial Transactions	(3)
MNGT 450	Urban Management	(3)
MNGT 461	Organizing for Manufacturing and Service Processes	(3)
MNGT 462	Human Relations in Business	(3)
MNGT 463	Public and Private Environments of Business and Government Activities	(3)
MNGT 465	Organizational Behavior	(3)
MNGT 466	Legal Aspects of Management Process	(3)
MNGT 470	Business Policy and Administration	(3)
MNGT 665	Management Theory	(3)
MNGT 670	Business Policy	(3)

## Marketing/Logistics

MNGT 311	Marketing Communication and Buyer Behavior	(3)
MNGT 312	Marketing Channel Systems	(3)
MNGT 314	Physical Distribution Management	(3)
MNGT 414	Marketing Models	(3)
MNGT 415	Marketing Research	(3)
MNGT 416	International Marketing Management	(3)
MNGT 418	Business Logistics	(3)
MNGT 610	Marketing Strategy and Theory	(3)
MNGT 612	Marketing Analysis and Control	(3)

## Personnel Management

MNGT 330	Human Behavior	(3)
MNGT 331	Development of Training Programs	(3)
MNGT 432	Management and Labor Relations	(3)
MNGT 433	Collective Bargaining	(3)
MNGT 434	Wage and Salary Administration	(3)

## Production

MNGT 340	Production Management	(3)
MNGT 341	Work Design and Layout	(3)
MNGT 443	Production Planning and Control	(3)
MNGT 445	Manufacturing Concepts	(3)
MNGT 642	Research and Development in Industry	(3)

## Quantitative Management Science

MNGT 301	Basic Quantitative Methods	(3)
MNGT 402	Statistical Analysis	(3)
MNGT 600	Statistical Decision Theory	(3)
MNGT 601	Principles of Dynamic Systems	(3)

## ECONOMICS

The program of study in economics is designed to prepare economists as well as to serve other disciplines such as management, engineering, government, education, sociology, history, etc. Economics is a subject applicable to any study of human endeavor where scarce resources must be allocated among competing uses; it is the study of man's behavior in producing, exchanging, and consuming material goods and services he wants.

A basic understanding of economics is essential for well-informed citizenship since most of the specific problems of the day have important economic aspects.

It is also a vital discipline for and is of practical value in business decision making. An understanding of the overall operation of the economic system puts the businessman in a better position to formulate his policies.

In spite of its practical benefits, however, economics is primarily an academic, not a vocational, subject; it is not a how-to-make-money area of study. In economics, problems are examined from the social, not from the individual, point of view.

The undergraduate major in economics helps prepare students for participation in public affairs, for positions in business firms and for government service. It provides a strong foundation for pre-law students and for further graduate study leading to teaching and research positions in universities, governments, and private enterprise.

Third and fourth year degree requirements consist essentially of four parts. A general description of the content and the approximate number of hours to be included in each part is presented below.

I. Quantitative Techniques 6 hours

II. Free Electives	15 hours
III. Minor Field Outside of Economics	18 hours
IV. Concentration in Economics	24 hours

Tentative list of courses to be offered in economics:

ECON 300 Managerial Economics	(3)
ECON 302 Income Theory	(3)
ECON 303 Price and Allocation Theory	(3)
ECON 401 Engineering Economy	(3)
ECON 405 Economics of Public Finance	(3)
ECON 407 Econometrics	(3)
ECON 408 International Economics	(3)
ECON 409 Monetary and Fiscal Policy	(3)
ECON 602 Macroeconomic Analysis	(3)
ECON 603 Microeconomic Analysis	(3)

#### LAW ENFORCEMENT

The law enforcement program is designed for preparation of beginning police officers and for the further upgrading and broadening of inservice police officers.

Third and fourth year degree requirements consist of eight parts. A general description of the content and the approximate number of hours to be included in each part is presented below.

I. Social Science Electives	9 hours
II. Psychology Electives	6 hours
III. Government Electives	6 hours
IV. Management Electives	6 hours
V. Computer Aspects of Management Information Systems	3 hours
VI. Economics	3 hours
VII. Directed Electives	15-21 hours
VIII. Law Enforcement Studies	9-15 hours

#### LAW ENFORCEMENT MANAGEMENT

In an era of change from established morality and dissatisfaction with other value systems, a great need exists for a high order of law enforcement management. Law enforcement systems are being called on as never before to respond to society's needs. In the light of these challenges, responsible law enforcement leaders are examining, evaluating, and even reformulating their roles, philosophies of justice and ethics, and management practices.

The program in law enforcement management is to prepare

individuals for administrative careers in police and other similar or related organizations. Contemporary issues in the field will be explored, as well as the best ideas from the past. While considering the means of harnessing the latest in technologies and managerial techniques, students in the program will be able to evaluate ways of implementing these innovations to ensure justice and established freedoms.

Insofar as feasible students should have police or other law enforcement experience before enrolling in this program. However, those without such a background will be admitted and encouraged to obtain appropriate experience while completing the degree program in law enforcement management. The curricula will direct capable individuals toward positions of information systems analyzer, department head, lieutenant, captain, assistant chief of police, and chief of police. Students may also prepare for management positions in correctional institutions, court administration, and other agencies related to law enforcement.

Third and fourth year degree requirements consist essentially of four parts. A general description of the content and the approximate number of hours to be included in each part is presented below.

I. Social Science	12 hours
II. Free Electives	9 hours
III. Basic Management Core	27 hours

The basic core is to provide students with the common body of knowledge in Management. Student programs will include courses of instruction dealing with the following areas:

- (a) concepts, processes, and institutions in marketing and distribution, production, and financing functions of business enterprise;
- (b) economic and legal environment of business enterprise along with consideration of the social and political influences on business;
- (c) concepts and methods of accounting, quantitative methods, and information systems;
- (d) organization theory, interpersonal relationships, control motivation systems and communications;
- (e) administrative processes under conditions of uncertainty including integrating analysis and policy determination at the overall management level.

IV. Law Enforcement Core	15 hours
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Opportunities for advanced work in law enforcement management will be provided consistent with the student's and the College of Management's objectives and capabilities.

Tentative list of courses to be offered in law enforcement management:

LEMG 300	Police Administration	(3)
LEMG 301	Public Safety	(3)
LEMG 302	Crime Prevention and Control	(3)
LEMG 303	Criminal Evidence	(3)
LEMG 304	Seminar in Law Enforcement	(3)
LEMG 305	Correctional Administration	(3)
LEMG 402	Methods of Social Control	(3)
LEMG 407	Applications of Science and Technology to Law Enforcement	(3)
LEMG 429	Selected Topics	(1-3)

#### COLLEGE OF SCIENCE AND ENGINEERING

The College of Science and Engineering provides a unique opportunity for students to develop individualized study programs in chemistry, computer science, control engineering, earth science, life science, mathematics, and physics leading to a Bachelor of Science degree. A Master of Science degree in control engineering is also available. Each student will develop a custom made Plan of Study for his degree program in which interdisciplinary areas of concentration are encouraged. The goal of the College is to provide a learning program that best serves a student's interests and ability.

The learning activities in the College will be widely varied to provide an exciting learning environment. These will include individually paced study based on modules divided into many short learning units mixed with group instruction and interaction, and opportunities to engage in real life project activity through off-campus field studies, experimental assignments in industry and the community, and self initiated research projects. The laboratories are designed as a self-access "library" of experimental equipment whose instruments and specialized facilities will be available to all students in all disciplines for individual research and experimentation.

Each plan of study for a student in the College of Science and Engineering will include a major and minor, plus in some cases a supporting cluster of cognate studies.

To help design meaningful programs, a faculty member will be designated as career consultant and mentor (adviser). The faculty adviser will usually work with the student throughout his career as a student in the College of Science and Engineering.

Certain basic requirements for receiving a degree have been specified elsewhere in this catalog and provide

the basis for developing a plan of study. In addition to these a series of learning objectives have been identified by the faculty. These learning objectives are considered fundamental to the earning of a degree and are as follows:

1. Prepare and present to colleagues in his area of concentration an oral report of an original research study or a proposed design study, including the rationale for the study.
2. Prepare a written report of an original research study or a proposed design study from his area of concentration, including the rationale for the study.
3. Prepare a bibliography and summary for a currently "hot" topic in his area of concentration that has not been referenced in the usual journals and literature sources.
4. Predict possible consequences, impact, and/or limitations of governmental policies and culture on science and science policy.
5. Predict possible impact (economic, social, political) of an innovation, invention, technological change or policy on life and society.
6. Design and demonstrate the use of a set of instructions that bring about the acquisition of a specified competence from the area of concentration.

A program of study designed to achieve these learning objectives is built around a major selected by the student. A part of the student's studies in this area will be devoted to contract study, providing learning opportunities in areas for which studies have not been developed as formalized courses, and authentic involvement in which the student will become actively involved in real life problems.

Other components of the plan of study will consist of a minor and perhaps a supporting cluster of studies from fields other than his major plus electives from the arts, humanities, and social sciences. Generally the student will still have the opportunity to select additional studies in areas of his choice, providing he has the necessary background.

#### DEGREE REQUIREMENTS

The Bachelor of Science degree in the College of Science and Engineering requires a minimum of 120 credits, including, except for engineering, a minimum of 24 semester credits in the major plus a minor of at least 18 semester hours. The specific requirements will depend upon the study areas and the educational objectives of the student. At least 12 credits in the major and six in the minor must be completed at the upper level. For interdisciplinary programs, in addition to the satisfaction of major and minor requirements in two disciplines, the student can plan a program to meet his particular needs. The major may be included in an area of concentration which will involve the major and cognate studies.

## LOWER DIVISION REQUIREMENTS

The Core Curriculum set forth by the Coordinating Board, Texas College and University System, will be accepted in its entirety and applied toward appropriate degrees. It is not necessary that the student complete this exact list of courses, however. For example, the study of a foreign language is not required for the Bachelor of Science degree. In some cases the individual would be well advised to complete four semesters of a foreign language; in other cases, however, the student would be wiser to use the time that might be spent on a foreign language on some other course or courses which will better fit his particular needs.

Sciences. Following is a list of required and recommended courses for students who plan to transfer to the University and to pursue the Bachelor of Science degree in life science, earth science, chemistry, physics, computer science, or mathematics.

	Required (Semester Hours)	Recommended
English Composition	6	6
Literature	6	6
Government, American	6	6
History, American	6	6
Mathematics	3	6
Biological Science	3	6
Physical Science	3	6
Fine Arts	-	3
Psychology	-	3
Sociology or Anthropology-	-	3
Economics	-	3
Speech	-	3
Philosophy	-	3

A student who is majoring in mathematics or science should complete more credits in his major than the minimum listed above. In completing the 60 credits required for admission the student should complete 9-12 credits in his major and 6-9 in his minor, plus as many of the courses recommended above in fine arts, psychology, sociology, anthropology, economics, and philosophy as possible within a total of 60-66 lower division credits.

Engineering. The recommended entrance requirements for students entering the engineering program are more specific and are as follows:

	Required (Semester Hours)	Recommended
English Composition	6	6
Literature	3	6
Government, American	6	6
History, American	6	6
Mathematics (Analytical Geometry & Calculus)	9	12
Chemistry	8	8
Physics	8	8
Engineering Mechanics	3	3
Engineering Drawing	2	2



Economics	-	6
Speech	-	3

Of the above two lists the two courses in government and history are required by state law. A course in philosophy may be substituted for the second recommended literature course.

While it is to the student's advantage to complete all of the required courses before transferring, it is not necessary that he do so. If he has completed 60 credits but still lacks some of the required courses, he may be admitted to the University and complete those courses after transferring.

If a student finds, after enrolling at the University, that he requires a freshman or sophomore course, it will be possible for him to take that course at a nearby junior college.

#### PROGRAMS OF STUDY

The primary areas of concentration or majors within the college are chemistry, computer science, earth science, engineering, life science, mathematics, and physics. The student may develop his own interdisciplinary program with the counsel of his faculty adviser. Program variations are possible within the degree programs of the College because some studies are related primarily to a single discipline whereas others are closely allied to several and will be jointly developed by the faculties.

Some possible interdisciplinary study areas are bio-engineering, environmental systems, human ecology, geochronology, oceanography, and urban systems. This list is only suggestive and in no sense should be considered as complete. In any case it will be necessary to define the objectives for the degree program to identify the area of concentration.

Within the following disciplines, many of the subjects are listed with variable credits. This is to provide the versatility necessary for the development of individualized plans of study satisfying the student's educational objectives. For example, a student requiring five hours of organic chemistry for entrance into a specific medical school can have his program designed so that he does not need to take two four-hour courses for a total of eight hours. These subdivisions are made possible through the development of self-paced courses of study.

#### CHEMISTRY

Studies in chemistry offer an opportunity to develop the ability to solve problems and think creatively in a dynamic field of human endeavor. Chemistry provides an area of concentration:

- a) for students interested in extending their knowledge of the methods and content of the science as a part of a liberal education,
- (b) for preparation for graduate study in chemistry, biochemistry, medicine, dentistry, medical sciences, and law,
- (c) for students interested in careers in industrial or government laboratories as well as industrial positions in technical sales, production, or management,
- (d) for students interested in secondary school teaching careers.

Normal programs of study leading to a Bachelor of Science will consist of approximately 30 semester hours in chemistry (upper and lower level) except for those in teacher education and interdisciplinary studies who may complete the minimum of 24 credits. This requirement should include some work in organic and physical chemistry in addition to at least one other area such as environmental chemistry, biochemistry, or inorganic chemistry which may be specifically related to the student's career goals. The requirements are deliberately flexible to assure that the program will be responsive to the needs of the individual student. Independent study and learning through research-type situations are strongly encouraged. Learning experiences in the classroom and laboratory will be reinforced through participation in actual job situations as a part of the authentic involvement program.

Interdisciplinary areas of concentration such as chemistry-life science, chemistry-physics-mathematics, etc., are available for students interested in areas such as biochemistry, environmental science, geochemistry, and chemical physics. Such programs will be planned in consultation with the faculties.

Supporting clusters of cognate studies or minors for students concentrating in chemistry might include work in life science, physics, mathematics, computer science, economics, or management specifically suited to the individual's career goals.

Admission to study in chemistry requires the equivalent of 8 semester hours in general chemistry.

Students planning to enter a medical or dental school should plan their programs of study to include those courses required by the professional schools. These courses normally include: at least one year of English, two years of chemistry, and one year each of biology, mathematics, and physics. Because individual professional schools may require specific courses in addition to those listed above, it is prudent for the student to identify early the additional requirements established by the professional schools of his choice.

Tentative list of courses to be offered in chemistry:

CHEM 310	Organic Chemistry	(2-8)
CHEM 369	Physical Chemistry (Thermodynamics, Chemical kinetics, Spectroscopy, and Quantum Mechanics)	(3-9)

CHEM 389	Selected Topics in Chemistry (Biochemistry, Geochemistry, Environmental Chemistry)	(1-4)
CHEM 391	Contract Study	(1-6)
CHEM 392	Authentic Involvement	(1-6)
CHEM 400	Physical Organic Chemistry	(3)
Chem 410	Inorganic Chemistry	(3)
CHEM 430	Organic Structure Determination	(3)
CHEM 440	Chemical Analysis	(4)
CHEM 450	Chemical Synthesis	(3)
CHEM 460	Molecular Structure & Chemical Bonding	(3)
CHEM 470	Environmental Chemistry	(4)

## COMPUTER SCIENCE

Computer science studies are interdisciplinary, involving computer science, management, and mathematics. These studies are designed for students interested in gaining a broad knowledge of the computer and developing an ability to design and analyze computerized software systems and use them in organizations and businesses that employ computer services in their day-to-day operations.

The plan of study will be tailored to satisfy the career objectives of the student. Two basic plans, each leading to a Bachelor of Science degree, are available--one scientific and one business oriented. The two programs share a basic set of studies providing a foundation for specialization. The scientific program option is oriented towards the inner workings of programming languages and compilers and applications of the computer to the student's choice of program emphasis. The business option is oriented toward the design, specification, and construction of information processing systems.

Admission to the computer science program presumes the student to have the equivalent of an introductory course in computer science and data processing and familiarity with at least one programming language. Before graduating, the student will be required to demonstrate his ability to use both a scientific and a business oriented programming language.

While the minimum number of credits for a major is 24, the normal program of study will consist of approximately 30 semester credits in computer science and related subjects. Basic studies in computer science will encompass file organization, communication based computer systems, information processing systems, computer operating systems, and basic simulation and model building. Courses in statistics and operation research are also recommended. Additional studies contributing to the degree in computer science may be selected from mathematics and management on approval of the faculties involved.

Tentative list of courses to be offered in computer science:

CPSC 300	Computer and Data Processing	(3)
CPSC 310	File Organization	(3)
CPSC 329	Programming Languages	(1-3)
CPSC 340	Information Processing Systems	(3)

CPSC 350	Communication Based Systems	(3)
CPSC 360	Operating Systems	(3)
CPSC 389	Selected Topics	(1-3)
CPSC 391	Contract Study	(1-6)
CPSC 392	Authentic Involvement	(1-6)
CPSC 420	Programming Languages and Compilers	(3)
CPSC 450	Simulation Techniques and Language	(3)

## EARTH SCIENCE

Earth science, inherently an interdisciplinary area of study, provides the opportunity for the student to pursue a variety of study options. These options are built upon studies of the earth through its oceans, atmosphere, and crust. Possible interdisciplinary programs involve geochemistry, geology, environmental studies, including water resources, oceanography, meteorology and investigation involving available and potential energy resources. Planetary studies provide a wealth of information available within this area of study that also helps man to understand his world.

Studies in earth science, leading to a Bachelor of Science degree, can be tailored to provide preparation for a career in secondary school teaching, graduate work, careers in the petroleum or mining industries, and a variety of interdisciplinary programs.

Variations in the student's plan of study will allow for the selection of courses pertinent to his individual educational goals. Electives in earth science and related fields can be selected to complement and enhance the student's overall objectives.

Field studies will be used as a laboratory experience to develop models for investigating environmental changes through time which will then be analyzed with the goal of correlating past and present efforts.

It is recommended that students planning to specialize in earth science take courses in geology during their lower division studies with supporting studies in mathematics, chemistry, and life science.

Students interested in teaching earth science in the secondary schools will be able to design a program specifically to fit that career goal.

Tentative list of courses to be offered in earth science:

ERSC 300	Structural Geology	(3)
ERSC 310	Petrology (Rocks and Minerals, Carbonate Petrology)	(3-6)
ERSC 320	Sedimentation	(3)
ERSC 330	Biostratigraphy (The Fossil Record, Stratigraphy)	(3-6)
ERSC 340	Energy Resources	(3)
ERSC 350	Astronomy	(3)
ERSC 360	Atmospheric Studies	(3)
ERSC 389	Selected Topics in Earth Science Planetary Geology, Meteorology, Oceanography, Arid Lands	(1-3)

ERSC 391	Contract Study	(1-6)
ERSC 392	Authentic Involvement	(1-6)
ERSC 393	Field Study	(1-3)
ERSC 400	Petroleum Geology	(3)
ERSC 410	Micropaleontology	(3)
ERSC 430	Geochemistry	(3)

#### LIFE SCIENCE

Studies in life science may lead to a Bachelor of Science with a major in life science or as a component of an interdisciplinary program. The program may be used as preparation for a career in life science, for college teaching and research in biology, medicine, dentistry and other health related areas, and for elementary and secondary school teaching.

With the help of the Faculty of Life Science the student will design a program of study to satisfy his specific objectives. Courses in life science may include optional topics; those most essential to the student's educational goals will be selected in defining the contents of his course.

Approximately 30 semester credits of life science will be required for a major, except for students in teacher education and interdisciplinary programs which require a minimum of 24 credits. A background of college chemistry and some elementary mathematics is recommended for the student pursuing studies in life science. Contract study and authentic involvement are considered essential parts of the educational experience of the student and will be a part of his studies at UTPB.

When life science is used to form a supporting cluster of studies as a minor in another discipline, 18 semester credits will be required, of which 6 must be at the upper level.

Students planning to enter a medical, dental or veterinary school should plan their programs to include those courses required by the professional schools of their choice. These courses normally include: at least one year of English, two years of chemistry, and one year each of biology, mathematics, and physics. Because individual professional schools may require specific courses in addition to those listed above, it is prudent for the student to identify early any additional requirements established by the professional schools of his choice.

#### Tentative list of courses to be offered in life Science:

LFSC 300	Microbiology	(1-3)
LFSC 310	Organismic Biology	(1-3)
LFSC 320	Cell Biology	(1-3)
LFSC 330	Plant Biology	(1-3)
LFSC 350	Vertebrate biology	(1-3)
LFSC 389	Selected Topics in Life Science	(1-3)
LFSC 391	Contract Study	(1-6)
LFSC 392	Authentic Involvement	(1-6)
LFSC 400	Microbial Genetics	(3)
LFSC 420	Biochemistry	(3)
LFSC 470	Environmental Biology	(3)

## MATHEMATICS

A Bachelor of Science degree is offered in mathematics. The program of study can be tailored to prepare the student for a career in elementary or secondary school teaching, for research in industry or government, or for entering graduate study.

A degree in mathematics requires a minimum of 24 semester hours; however, additional studies may be necessary, depending upon the preparation of the student. Although variations in the Plan of Study will be made in keeping with an individual program, the major courses will usually include studies in computer and data processing, linear algebra, probability and statistics, and analysis courses with differential and integral calculus prerequisites.

Mathematics electives will be selected in keeping with the educational objectives of the students. For example, the student seeking a career in secondary school teaching mathematics should take elective courses in algebraic structures and topics in geometry.

A variety of alternatives for mathematics as a minor is possible. The specific courses recommended will depend upon the major and interests of the student. For those seeking certification in secondary education with a minor in mathematics, at least 18 semester hours including integral and differential calculus, linear algebra or algebraic structures, advanced geometry and probability and statistics are recommended. This provides the student with the mathematical background to teach algebra and geometry effectively in middle and secondary schools.

The student planning to complete his studies with a major in mathematics within the normal period of time should be able to demonstrate his proficiency in differential and integral calculus.

Tentative list of courses to be offered in mathematics:

MATH 310 Studies in Algebra	(1-6)
MATH 330 Differential Equations	(1-3)
MATH 340 Probability and Statistics	(3-6)
MATH 350 Topics in Geometry	(3)
MATH 389 Selected Topics in Mathematics	(1-3)
MATH 391 Contract Study	(1-6)
MATH 392 Authentic Involvement	(1-6)
MATH 419 Applied Mathematics	(3-9)
MATH 420 Numerical Analysis & Methods	(3)
MATH 430 Partial Differential Equations	(3)
MATH 440 Complex Variables	(3-6)
MATH 450 Real Analysis	(3)

## PHYSICS

The program of study in physics leading to a Bachelor of Science degree prepares the student for careers in secondary school teaching, for research in government and industry, and for entering graduate study. Individualized program planning and instruction will allow each student, in consultation with an adviser, to construct a plan of study best suited to his career goals.

It is expected that a student specializing in physics will have completed the equivalent of one year's sequence in university physics and courses in differential and integral calculus prior to beginning his studies at UTPB. The upper level program should include studies in mechanics, acoustics, optics, electricity and magnetism, heat and thermodynamics, and quantum mechanics with electives selected according to the student's interests. Each major should also take a two course sequence in some applied field such as management, chemistry, or engineering and participate in some experiential learning program.

Interdisciplinary areas of concentration such as geophysics, biophysics, mathematical physics, and engineering physics can be developed from the offerings in physics with the faculties of the College of Science and Engineering. The student is encouraged to consider some of these opportunities. Additional studies applicable to a degree in physics can be selected from chemistry, engineering, and earth science.

Tentative list of courses to be offered in physics:

PHYS 310	Electricity and Magnetism	(3-6)
PHYS 320	Optics	(3)
PHYS 330	Acoustics I	(3)
PHYS 389	Selected Topics (Atomic and Nuclear Spectra, Biophysics, Geophysics, Continuum Mechanics, Statistical Mechanics)	(1-3)
PHYS 391	Contract Study	(1-6)
PHYS 392	Authentic Involvement	(1-6)
PHYS 420	Solid State Physics	(3)
PHYS 430	Acoustics II	(3-6)
PHYS 431	Quantum Theory	(3)

## ENGINEERING

The Bachelor of Science degree in engineering is an interdisciplinary program which will prepare students for rewarding careers in industry and government. Individualized program planning and instruction will allow each student, in consultation with an adviser, to construct a plan of study best suited to his career goals.

Each study plan will include approximately 18 hours of work in materials science, solid mechanics, thermo-fluid science, and systems analysis. An additional 12 hours will be devoted to engineering mathematics and basic engineering science electives. Each student may also select 6 hours of control engineering electives.

Approximately 20 percent of the study plan may be devoted to experiential learning through team design projects, experimental studies, and authentic involvement with industry representatives as a part of a consulting team. Experiential activities may take place on or off campus and teams may include non-engineers. The remainder of the study plan, usually about 12 hours, will be filled with electives in arts, humanities, and social sciences.

Students planning to complete their studies in engineering within two academic years are expected to have the equivalent of a year of study in differential and integral calculus, a

year's sequence in university physics, and a course in chemistry. The required proficiency in these studies may be demonstrated by examinations.

Selected courses in engineering can be used to develop a supporting cluster for majors in other fields. The courses available will depend upon the student's preparation and should be selected in consultation with a member of the engineering faculty. Many of the engineering courses provide a basis for interdisciplinary majors such as bioengineering and environmental systems.

Cognate studies for engineering are normally selected from mathematics and physics, management, and economics, however a full minor of 18 credits in a single discipline is not required.

Tentative list of courses to be offered in engineering:

ENGR 309	Mechanics and Materials	(3-9)
ENGR 320	Systems Analysis	(3-6)
ENGR 360	Thermo-fluids Science	(3-6)
ENGR 389	Selected Topics in Engineering	(1-3)
ENGR 392	Authentic Involvement	(1-6)
ENGR 410	Engineering Systems Design	(3-6)
ENGR 420	Engineering Economy	(3)
ENGR 439	Systems Synthesis	(3-6)
ENGR 460	Thermo-fluid Systems	(3)
ENGR 470	Environmental Control	(3)
ENGR 475	Pollution Measurement and Control	(3)
ENGR 491	Contract Study	(1-6)
ENGR 492	Authentic Involvement	(1-6)
ENGR 610	Optimization	(3)
ENGR 620	Advanced Control Engineering	(3)
ENGR 621	Advanced Process Dynamics	(3)
ENGR 622	Simulation	(3)
ENGR 623	Intermediate Dynamics	(3)
ENGR 624	Distributed Systems	(3)
ENGR 679	Selected Topics in Mechanics	(1-6)
ENGR 689	Selected Topics in Heat & Mass Transfer	(1-6)
ENGR 699	Thesis Research	(1-6)

#### PRE-MEDICINE AND PRE-DENTISTRY

Students who wish to complete a bachelor's degree as preparation for the study of medicine, dentistry, and veterinary medicine may pursue several different curricula. Most professional schools do not specify a particular undergraduate curriculum but usually require a number of specific courses. Students planning to enter a professional school should plan their programs of study to include those courses required by the schools of his choice. These courses normally include at least one year of English, two years of chemistry, and one year each of life science, mathematics, and physics. Because of variations in courses required for admission it is prudent for the student to identify early the specific requirements established by the professional schools of his choice.

Students preparing for professional health sciences schools should contact the Assistant Dean of the College of Science and Engineering at UTPB for referral to the appropriate adviser.



## CERTIFICATION OF TEACHERS OF SCIENCE

Programs for teacher certification are available in chemistry, earth science, life science, mathematics, and physics. Students intending to prepare for teaching should see the section on Teacher Education in this catalog.

The authentic involvement, an important component of the science and engineering plan of study, will be satisfied by the student teaching requirement.

## GRADUATE STUDY

Unlike most universities, The University of Texas of the Permian Basin will not have a separate graduate school; rather, the University's graduate programs will be administered by the various college deans under the direction of the Vice President for Academic Affairs. There will be no formal or operational distinction between the administration of the graduate and undergraduate programs. A Graduate Council composed of the College Deans and selected faculty members and chaired by the Vice President for Academic Affairs will be responsible for the development of policies and procedures concerning graduate education.

Effective in September, 1973, master's degrees will be offered in four fields: the M.A. in physical education and health, the M.A. in education (early childhood education, elementary education, secondary education, special education, and counseling), the M.B.A. in management, and the M.S. in engineering.

## ADMISSION TO GRADUATE STUDY

Those seeking admission should write to the Director of Admissions for an application form which must be filled out and returned with an official transcript of all prior college or university study to the Director of Admissions.

There are five basic requirements for admission to a graduate program: (1) a bachelor's degree from an accredited institution in the United States or proof of equivalent training at a foreign institution; (2) B average in upper-division (junior and senior level) work and in any graduate work already completed or other evidence that one can succeed in graduate study; (3) a satisfactory score on the Graduate Record Examinations Aptitude Test; (4) adequate subject preparation for the proposed graduate program; and (5) acceptance by the dean of the college in which the student expects to pursue graduate study.

Deadlines for Submission of Application. Applications, along with official transcripts of all previous college or university work, should be filed at least sixty days

in advance of the beginning of the semester or summer session in which one plans to register. Foreign students should apply much earlier.

Seniors at UTPB who lack less than ten semester hours for graduation, if they meet other admission requirements, may be admitted to graduate study. They must be registered for all of the final courses required for the bachelor's degree to be able to take graduate courses.

The Graduate Record Examination. The Aptitude Test of the Graduate Record Examination is a measure of one's likelihood of success in graduate study. All applicants for admission to graduate study at The University of Texas of the Permian Basin must take the test. Those applicants with outstanding records may be admitted without the GRE test score, but must complete the test prior to enrolling. The test is administered by the Educational Testing Service of Princeton, New Jersey. The test may be taken at several testing centers (colleges and universities) six times a year, usually October, December, January, February, April, and July. For information about where and when the test may be taken, contact the Admissions Office of The University of Texas of the Permian Basin.

Conditional Admission. A student desiring to work towards an advanced degree in an area in which his undergraduate training is insufficient may be admitted with the understanding that he must undertake course work and other study to make up deficiencies noted by the college dean and that such make-up work will be in addition to the regular degree requirements.

When a student with less than minimum grade-point average or with less than satisfactory Graduate Record Examinations Aptitude Test score is admitted on the recommendation of a college dean with the approval of the Vice President for Academic Affairs, then the dean may assign special conditions regarding the number of semester hours to be taken and specific grade-point average to be maintained.

#### GRADUATE STUDY REGULATIONS

The student is held responsible for knowing degree requirements and enrolling for courses that fit into his degree program. He is likewise held responsible for knowing the University regulations in regard to the standard of work required for continuance in graduate study.

Transfer Credits. Up to six credits completed at another institution will usually be accepted toward the master's degree if appropriate for the student's planned program of study at UTPB. In some cases a limited number of additional credits will be accepted by petition. In petitioning, the student or applicant should specify in writing the reasons that the courses should be accepted and applied toward requirements for the degree. No graduate credit with a grade less than B may be transferred to UTPB. No credits acquired by correspondence study apply

toward the minimum requirements for the master's degree, nor can any credit more than eight years old be applied toward a master's degree completed prior to September 1, 1977. After that date, no credit more than six years old may be applied toward requirements for the degree. Extension coursework, whether completed through UTPB or at another institution, may be applied toward meeting minimum requirements for the master's degree not to exceed a total maximum of six credits.

Course Load. The maximum course load for a graduate student is fifteen semester hours or six semester hours in a six weeks' summer term; registration in excess of these will be permitted only under exceptional circumstances. Twelve credits per semester constitute a full-time course load. If the student is employed by the University as a teaching assistant or student assistant, his course load must be correspondingly reduced. A part-time student who is employed full time should normally take only one course per semester but with the approval of the student's adviser he may take two courses providing the individual will have ample time free for study.

The maximum credits for which a student may register in a semester or summer term apply not only to courses taught on conventional bases but to courses taught on a self-paced basis as well, except that if a student finishes a self-paced instruction course before the end of the semester or summer term, he may register for another self-paced course immediately or anytime thereafter during that semester.

Grades. Credit is given in graduate programs for the grades A, B, and C. Every semester hour of C, however, must be balanced by one of A, because the degree candidate is required to present an overall average of B at the end of his program of study. At the graduate level, some professors will award pluses and minuses to grades, especially in the case of the grade B, in order to further clarify the meaning of the mark.

Continuation in Graduate School. Continuation in graduate study beyond the first semester (12 credits) is dependent on satisfactory progress in resolving any admission conditions and maintenance of a B average. Failure to earn a B average in his next six credits will result in dismissal.

The graduate student who is dismissed may be readmitted for further graduate study only by petitioning the Dean of the College and with the approval of the Vice President for Academic Affairs.

Courses Counted For Another Degree. No course counted toward another degree may be counted toward a master's degree, either directly or by substitution.

English Requirement. No one may receive the master's degree from UTPB without demonstrating the ability to write and speak English acceptably. The examining committee will certify that it has examined the candidate's proficiency in writing and speaking English and that it is appropriate for the holder of a master's degree from UTPB.

Foreign students must submit a satisfactory TOEFL Independent Study Score in order to be admitted to graduate study.

Advisement. Upon admission to graduate study the individual will be assigned a faculty member by the Dean of the College to serve as his adviser. Prior to the completion of one-half of the course credits required, the adviser will nominate a guidance committee of three members including himself as chairman faculty member from the student's cognate field of study and a third faculty member who may be from the major or cognate field of study or other field for which there is a logical reason, except that the appointment of the third faculty member may be delayed as explained below. The committee will be approved and named by the Dean of the College.

The committee will be responsible for developing the student's program of study, for conducting examinations and for certifying the student's completion of all requirements for the degree.

The final examination committee shall consist of at least three faculty members, however, prior to the examination the committee may consist of only the adviser and the representative of the student's cognate field, both of whom must be members of the graduate faculty.

Candidacy. In order for the graduate student to achieve the status of candidate for the master's degree he must, with the assistance of his adviser and the representative of his cognate field of study, plan a program of study. This must be done prior to beginning the last half of the course credit requirements for the degree and must be approved by both the College Dean and the Graduate Council. Students who fail to submit a program and receive approval shall be required to complete one-half of the required credits (exclusive of thesis) after approval is received. The planned program should list all the courses, and any special projects and other educational experiences that are to be a part of the master's program; it is not necessary to include the topic if the thesis option is chosen.

Oral Examination. Successful completion of all courses and research requirements does not assure receipt of the master's degree. After all requirements have been fulfilled, each candidate will normally sit for an oral examination by the candidate's committee. The examination will cover the subject matter of the candidate's field or discipline as well as his research. The candidate must demonstrate an appropriate level of knowledge and understanding of his field in the oral examination. One negative vote on a three member committee and two negative votes on a committee of four or more faculty members will result in failure. The candidate who has failed the oral examination may sit for re-examination only twice more within five years of the initial failure. However, any candidate who fails the examination will be given directions for study in order to improve the chances of passing the examination on a second attempt.

## EDUCATION

The Master of Arts degree in education will be offered in early childhood education, elementary education, secondary education, special education, and counseling. Both the thesis and the non-thesis options are offered in each. Those selecting the thesis option must complete at least 24 semester credits of prescribed study plus a thesis. Those choosing the non-thesis option must complete at least 36 credits of prescribed study, including a three credit research paper.

The thesis must deal with a topic of generalized concern to the profession, be scholarly in its orientation, demonstrate the student's understanding of and ability to use sophisticated research techniques, and show promise of a contribution to knowledge that would be worthy of publication in a scholarly or professional journal. Students planning to pursue the Ph.D. degree should select the thesis option.

The research paper required for the non-thesis option should deal with a practical problem of concern to the student, preferably one in his present teaching situation if he is engaged in teaching while pursuing graduate study. It should follow recognized research procedures but does not require the level of sophistication of thesis research, and the findings do not necessarily need to be of such import as to merit publication. Frequently the problem and the findings of the study will be of value largely, and perhaps solely, to the school where he or she is teaching.

All candidates for the M.A. in education must have met requirements for certification, except those students enrolled in the community counseling program. Graduate students in education should have had teaching experience before enrolling in graduate study. Those who have not had such experience will, except in unusual cases, be expected to gain teaching experience before completion of the M.A. degree.

The Master of Arts programs in early childhood education, elementary education, secondary education, and special education may be so planned as to prepare one primarily for teaching or for supervisory roles. The M.A. program in counseling is designed primarily for the preparation of counselors in the elementary or secondary schools, but a concentration in community counseling is also available. The community counseling program prepares one for work as a marriage and family counselor, counseling psychologist, rehabilitation counselor, and for other non-school counseling positions.

The M.A. requires at least one-half of the course work in the major area of study or in areas directly related to it. One-third of the course work should be taken in discipline outside education. For those pursuing the teacher concentration in secondary education, elementary education, or early childhood education, it will usually mean course work in studies. Those pursuing the supervisor option will usually take courses in the behavioral sciences. Students majoring in counseling and preparing for community counseling rather than school counseling will usually take more of their course-work in psychology and other behavioral sciences.

## PHYSICAL EDUCATION AND HEALTH

Graduate courses offered initially by the Faculty of Physical Education and Health will be related to physical education only. An attempt will be made to be as flexible as possible in designing programs of study. Three areas of emphasis will be offered: Analysis of Movement, Psychology of Movement, and Movement for the Handicapped. Students will have an opportunity to examine these areas in depth and apply the course material to instructional programs.

Students studying for the Master of Arts degree in physical education and health may, with the approval of their advisers, select either the thesis or non-thesis option. The student preparing a thesis will complete at least 24 hours of course work plus the thesis. The student pursuing the non-thesis option will complete at least 36 hours including a three credit special research paper. It is expected that students desiring to study beyond the Master's degree will take the thesis option, whereas students planning to cease formal study with the master's degree will follow the non-thesis option. The additional course hours required for the non-thesis degree plan should provide a greater breadth of systematic learning experiences for the student.

Students desiring to major in physical education and health for the M.A. degree should possess a bachelor's degree in which the major or minor was physical education. Provision will be made for the non-physical education major or minor student who possesses a bachelor's degree or its equivalent to enter the graduate program in physical education and health. It is not necessary that the student possess teaching experience or a teaching certificate to qualify for the master's degree program.

Prior to completion of the master's degree from UTPB, students must demonstrate competencies that correspond with their degree objectives. While these competencies will vary, there are several that are considered basic to a student completing a Master's degree.

For a list of graduate courses to be offered, see the listing under the description of requirements for the B.A. degree.

## ENGINEERING

All students pursuing the M.S. degree in engineering at The University of Texas of the Permian Basin will have the opportunity to develop interdisciplinary study plans custom-made to suit their interests and career goals. Students may elect to pursue a professional career oriented program or a research oriented program. In general, the professionally oriented program will provide the student with advanced leadership and design capability toward the creation of new complex systems for more efficient, economical and compatible products, automated manufacturing processes and improved living conditions. The research oriented program will prepare students for a research career or more advanced studies.

In consultation with an advisory committee, each graduate student will construct a plan of study of at least 30 hours distributed approximately as follows:

- a. Advanced studies in Science and Engineering. From 30-50% of the degree program will be devoted to an integrated core of specialized and indepth studies from science and engineering.
- b. Supporting studies. To provide the necessary background for the core studies and professional objectives, 20-40% of the program may be selected from supporting disciplines.
- c. Authentic involvement. 20% or more of the program may be devoted to experiential learning or authentic involvement. Students may elect to serve as a team participant on a professionally oriented industrial project or as a consultant to industry on a special problem. Students interested in a research career or more advanced study will normally want to choose a research oriented thesis project.
- d. Free electives - to provide additional breadth in the degree program, up to 20% of the plan may be devoted to unconstrained, graduate level electives. It is recommended that part of the elective package be devoted to advanced study in art, humanities or social science.

Most courses in the graduate degree program will include an integrated experiential learning component in the form of experimental studies and research. These activities will be supported by a unique, self-access experimental resources center. This center will be well equipped, readily accessible, attractively furnished and open to students of all disciplines to facilitate and encourage individual and interdisciplinary experimental studies.

Extensive use of individually prescribed instruction will allow students to adjust their rate of progress in the degree program to fit individual situations. Full-time students may complete the degree requirements in less than the usual amount of time. Part-time students will find the individualized instruction advantageous in fitting graduate study around other obligations. Competencies acquired through informal studies, workshops, seminars or job experience may serve to significantly shorten the completion time in many self-paced courses.

#### MANAGEMENT

The MBA program in management is open to all qualified students with baccalaureate degrees from accredited colleges or universities.

Admission depends on the student's academic performance during his last two undergraduate years, or other evidence that he can succeed in graduate study. A satisfactory score on the Admission Test for Graduate Study in Business (ATGSB) may be required, in addition to the Graduate Record Examination which is required of all graduate students.

Acceptance to graduate study is granted by the Dean of the College of Management subject to approval by the Vice President for Academic Affairs. Applications should be directed to the Office of Admissions.

Students with prior training in business or public management will probably have completed sufficient course work in the basic prerequisite, undergraduate disciplines.

Students without management backgrounds must demonstrate their knowledge in the basic disciplines by completing up to 30 semester hours of leveling course work based upon experience and/or self study, by passing examinations in the foundations disciplines which include accounting, quantitative studies, economics, finance, production, logistics, marketing, data systems, human behavior, organization theory, and value theory.

#### The Program

The MBA program in management at UTPB is designed to help develop students for leadership positions in business, education, and government.

The formal program consists of 36 semester hours of graduate course work (6 of which may be taken as thesis credits) and approximates the following:

The Common Nucleus	12 hours
I.    MNGT 690 Individual Decision Making	4 hours
a. Value & Value Theory	
b. Business & Society	
c. Legal Environment	
II.   MNGT 692 Managerial Decision Making	4 hours
a. Complex Systems Analysis	
b. Standards & Managing by Exception	
c. Problem Identification & Solutions	
III.  MNGT 694 Integrative Study	4 hours
Incorporates substantial subject matter from several fields (such as marketing, production, finance, logistics, industrial relations, etc.) and combines these data and concepts into relevant meaningful illustrations of problem solving in business and public administration.	
Professional Concentration	21 hours
I.    Specialization	9 hours
A student may choose a plan of study in a particular specialization consistent with his personal interests and career objectives.	
II.   Guided Electives	12 hours
A student in collaboration with his curriculum adviser(s) will elect three graduate courses from a wide range of management and non-management areas which provide support to his field of specialization.	
Unconstrained Elective	3 hours



The Common Nucleus is required of all students unless the requirement or its equivalent is satisfied by prior or alternative work. Some of the courses within the nucleus will be offered in a series of "mini-courses" or modules; when offered on an "Individually programmed Instruction" basis, they may be taken according to the student's own timing.

The Professional Concentration core gives a student freedom to design a program to fit his needs and objectives. Areas of specialization include accounting, economics, finance, information systems, logistics, management, marketing, quantitative management science, and urban management. Guided electives may be chosen from these areas as well as engineering, mathematics, psychology, political science, etc.

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- B. H. AMSTEAD, Professor of Engineering, and President of the University.  
B.S., M.S., Ph.D. (1956), The University of Texas at Austin.
- J. EDWIN BECHT, Professor of Logistics, and Dean, College of Management.  
B.S., Southern Illinois University; M.S., Ph.D. (1951), University of Illinois.
- JAMES D. BELL, Associate Professor Government.  
B.A., Williams College; M.A., Georgetown University; Ph.D., (1973\*), University of California-Los Angeles.
- CHARLES H. BIBART, Assistant Professor of Chemistry.  
B.A., Hope College, Ph.D., (1973\*), Indiana University.
- JOHN M. BURNHAM, Associate Professor of Management.  
B.S., U.S. Merchant Marine Academy; B. Mech. Eng., George Washington University; M.S., Florida State University; Ph.D., (1970), The University of Texas at Austin.
- V. R. CARDOZIER, Professor of Higher Education and Behavioral Science, and Vice President for Academic Affairs.  
B.S., M.S., Louisiana State University; Ph.D., (1952), Ohio State University.
- B. ROBERT CARLSON, Associate Professor, and Chairman, Faculty of Physical Education and Health.  
B.A., Trinity University; M.Ed., Ph.D. (1968), The University of Texas at Austin.
- JAMES L. COLWELL, Professor of American Studies and American Literature, and Dean, College of Arts and Education.  
B.A., University of Denver; M.A., University of Northern Colorado; M.A., Ph.D. (1961), Yale University.
- ALICIA M. DOMINGUEZ, Assistant Professor of Spanish.  
B.A., University of California-Los Angeles; M.A., Ph.D., (1973\*) University of Southern California.
- THOMAS C. GRAY, Associate Professor of Law Enforcement Management.  
B.A., Pomona College; M.Crim., Ph.D. (1973\*), University of California-Berkeley.
- JOEL GREENSPOON, Professor and Chairman, Faculty of Psychology.  
B.S., University of Virginia; M.A., University of Pennsylvania; Ph.D. (1952), Indiana University.
- DOUGLAS F. HALE, Assistant Professor of Mathematics.  
B.A., M.A., Ph.D. (1969), Ohio State University.
- ROBERT L. T. HAMPTON, Assistant Professor of Engineering  
B.S., University of Texas; M.S., Ph.D. (1970), University of Arizona.
- LEE HARRISBERGER, Professor of Engineering, and Dean, College of Science and Engineering.  
B.S., University of Oklahoma; M.S., University of Colorado; Ph.D. (1963), Purdue University.

- EDWIN S. HARWOOD, Professor of Sociology and Chairman of the Faculty of Anthropology and Sociology.  
B.A., Stanford University; M.A., Ph.D. (1966), University of Chicago.
- FREDERIC C. HAUPT, Associate Professor of Chemistry.  
B.S., University of Florida; Ph.D. (1967), Harvard University.
- J. MARVIN HIGBEE, Associate Professor of Educational Psychology, and Assistant to the Vice President for Academic Affairs.  
B.S., M.S., Brigham Young University; Ed.D. (1965), University of Southern California.
- ROBERT F. IHINGER, Associate Professor of Early Childhood Education.  
B.A., University of California-Riverside; M.A., Ph.D. (1970), Claremont Graduate School.
- R. SCOTT IRWIN, Associate Professor of Pedagogical Studies.  
B.S., M.S., Kansas State Teachers College; Ph.D. (1970), The University of Texas at Austin.
- HALSEY R. JONES, JR., Associate Professor and Chairman, Faculty of Business Management.  
B.A., University of Virginia; M.S., Ph.D. (1966), Pennsylvania State University.
- EDWIN C. KETTENBRINK, JR., Assistant Professor of Earth Science.  
B.S., M.S., University of Missouri-Rolla; Ph.D. (1973\*) University of Iowa.
- GERALD A. KING, Associate Professor of Sociology  
B.A., Texas Christian University; Ph.D. (1971), Stanford University.
- WILLIAM A. KING, Professor and Chairman, Faculty of Art.  
B.A., M.A., (1959), University of Tulsa.
- CLARENCE D. KRON, Professor and Chairman, Faculty of Pedagogical Studies.  
B.S., Minot State College; M.A., Ed.D., (1966), Washington State University.
- EDWIN B. KURTZ, Professor and Chairman, Faculty of Life Science.  
B.S., M.S., University of Arizona; Ph.D. (1952), California Institute of Technology.
- HUGH VINCENT MANION, Associate Professor of Management.  
B.A., Central Methodist College (Missouri); M.B.A., Stanford University; D.B.A. (1970), University of Oregon.
- LAWRENCE B. MARSH, Assistant Professor of Vocal Music.  
B.A., M.Ed., Western Washington State College; D.M.A. (1973\*), University of Washington.
- KEVIN-JOHN H. McINTYRE, Assistant Professor of Government, and Assistant to the President.  
B.A., Fordham University; M.A., Ph.D. (1972), Syracuse University.
- CHARLES O. McKINNEY, Assistant Professor of Life Science.  
B.S., University of Texas at Austin; M.S., Texas Tech University; Ph.D. (1970), University of Michigan.

- JAMES A. NICKEL, Professor of Mathematics, and Assistant Dean, College of Science and Engineering.  
B.A., Willamette University; M.S., Ph.D. (1959), Oregon State University.
- EUGENE A. NINI, Professor and Chairman, Faculty of Accountancy.  
B.B.A., Lamar State University; M.B.A. University of Arkansas; Ph.D. (1966), Louisiana State University.
- ROGER M. OLIEN, Associate Professor of History.  
B.A., St. Olaf College; Ph.D. (1973\*) Brown University.
- DIANNE S. PETERS, Associate Professor of Literature, and Assistant Dean, College of Arts and Education.  
B.A., University of Massachusetts; M.A., University of Pennsylvania; Ph.D. (1969), University of Michigan.
- H. DOUGLAS PICKERING, Professor of Art.  
B.F.A., Carnegie Institute of Technology; M.S. (1951), Pennsylvania State University.
- GEORGE H. QUENTIN, Associate Professor of Engineering.  
B.Ch.E., Rensselaer Polytechnic Institute; M.S., Ph.D., (1965), Iowa State University.
- DOROTHY A. RICHARDSON, Assistant Professor of Physical Education and Health.  
Certificate, I.M. Marsh College of Education, University of Liverpool; M.S., University of North Carolina at Greensboro; Ed.D. (1973\*), University of Georgia.
- ROBERT N. ROTHSTEIN, Associate Professor of Mass Communications and Pedagogical Studies.  
B.A., M.A., Ph.D. (1970), University of Colorado.
- MUNRO SHINTANI, Associate Professor of Special Education.  
B.S., Coe College; M.A., Ph.D. (1967), University of Iowa.
- DAVID W. SLOAN, Associate Professor and Chairman, Faculty of Music.  
B.M., The University of Texas at Austin; M.M.Ed., Midwestern University; D.M.A. (1970), The University of Texas at Austin.
- CLYDE H. SPRAGUE, Associate Professor of Engineering.  
B.S., M.S., Kansas State University; Ph.D. (1968), Purdue University.
- BERT M. STEECE, Assistant Professor of Quantitative management Science.  
B.A., M.A., Ph.D. (1973\*), University of Southern California.
- ROBERT D. TAYLOR, JR., Assistant Professor of Accountancy.  
B.B.A., M.B.A. (1965), The University of Texas at Austin.
- JURIS TERAUDS, Assistant Professor of Physical Education and Health.  
B.S., University of Dubuque; M.A., California State University-Los Angeles; Ph.D. (1972) University of Maryland.
- JAMES C. TILLAPAUGH, Assistant Professor of History.  
B.S., M.A., University of Oregon; Ph.D. (1973\*), Northwestern University.

DONALD F. TOOMEY, Professor and Chairman, Faculty of Earth Science.  
B.S., M.S., University of New Mexico; Ph.D. (1964), Rice University.

BERNARD M. TUCKER, Associate Professor of Management.  
B.I.E., Georgia Institute of Technology; M.B.A., Ph.D. (1973\*), Georgia State University.

MILTON D. VAUGHN, Associate Professor of Economics and Assistant Dean, College of Management.  
B.S., Texas Tech University; M.S., Kansas State University; Ph.D. (1968), Oklahoma State University.

JOHN OWEN WEDDLE, Assistant Professor of Literature.  
B.A., University of Wisconsin-Madison; M.A., University of Washington; Ph.D. (1973), University of North Carolina.

JAMES P. WHITE, Assistant Professor of Creative Writing.  
B.A., The University of Texas at Austin; M.A., Vanderbilt University; M.A. (1973\*), Brown University.

CHARLENE WISDOM, Assistant Professor of Life Science.  
B.S., Washington University; Ph.D. (1970), Northwestern University.

KENNETH C. WOLFE, Associate Professor of Business Law and Management.  
B.S., J.D. (1968), Ohio State University.

\*Degree to be awarded in June or August, 1973.



## LECTURERS

- HERBERT D. BRYANT, Executive Assistant to the Dean, College of Arts and Education.  
B.S., M.A. (1963), Eastern New Mexico University.
- D. L. CHAPPELL, Director, Learning Resources Center.  
B.S., Utah State University; M.S.L.S. (1962), University of Washington.
- JOSE I. GARCIA, Associate Director for Computer Services, Learning Resources Center.  
B.A., B.S., M.S. (1972), New Mexico State University.
- ROBERT GERRY, Associate Director for Educational Media Services, Learning Resources Center.  
B.S., The University of California-Los Angeles; M.S., University of Southern California; Ph.D. (1967), The University of Texas at Austin.
- H. W. HISE, Executive Director of Development.  
B.A., Jackson College, M.A. (1966), George Washington University.
- RICHARD A. JENSON, Assistant Director for User Services, Learning Resources Center.  
B.S., M.S. (1971), Utah State University.
- RICHARD T. KEIST, Executive Director of Student Services.  
B.A., M.A., Michigan State University; Ph.D. (1970), Colorado State University.
- A. W. KEITH, Registrar and Director of Admissions.  
B.B.A., M.B.A. (1970), Texas Tech University.
- JAMES J. LOVE, Chief of Police.  
B.A., Lamar University; J.D. (1969), The University of Texas at Austin.
- ELIZABETH A. MALLONEE, Director of Personnel.  
B.A., University of Kansas; M.S.W. (1962), Columbia University.
- JOE L. TAVE, Director of Financial Aids and Placement.  
B.S., M.S. (1969), East Texas State University.
- R. C. THOMPSON, Vice President for Business Affairs.  
B.A., J.D. (1952), The University of Texas at Austin.

## Core Curricula for Public Junior Colleges in Texas<sup>1</sup>

Subject	<i>Major Field I</i> Bachelor of Arts Degree in Arts and Sciences Bachelor of Science in Mathematics & Natural Sciences	<i>Major Field II</i> Bachelor's Degree in Business Admin- istration (incl. Accounting)	<i>Major Field III</i> Bachelor's Degree in Engineering
n. English Language Proficiency (i.e., freshman English)	6 hours	6 hours	9 hours
b. Literature	6 hours	6 hours	
c. Government (to meet state statute requirement)	6 hours	6 hours	6 hours
d. History (to meet state statute requirement)	6 hours	6 hours	6 hours
e. Natural Science A	6-8 hours Biological Science	6-8 hours	8 hours Chemistry*
f. Natural Science B	6-8 hours Physical Science	-----	8 hours Physics*
g. Mathematics (Collegiate level)	6 hours	6 hours (college algebra plus sequential course appropriate to a business degree)	9 hours (analytical geom- etry and calculus)
h. Foreign Language†	for the BA degree: 12-14 hours in a single language for the BS degree: 6-8 hours in a single language		
i. Humanities Electives: excluding courses in literature beyond b. above, also no more than 12-14 hours of foreign language may be used in h. and i. combined	6 hours	9 hours	3 hours (to satisfy ECPD requirements)
j. Special Courses	-----	Economics: 6 hours Accounting: 6 hours	Engineering Mechanics 3 hours* Engineering Graphics 2 hours

\*the content of these courses and the mathematics prerequisites  
and co-requisites of these courses must be the same as these same  
courses in the curricula of ECPD accredited senior colleges.

<sup>1</sup>From Policy Paper 2, Coordinating Board, Texas College and University System, October 23, 1967. (Effective September 1, 1968.)

†Foreign language is not required for a bachelor's degree at UTPB.

. For further information return this form to:

.  
. Director of Admissions  
. The University of Texas of the Permian Basin  
. Odessa, Texas 79762  
.

. Name \_\_\_\_\_

. Address \_\_\_\_\_

. City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

. Please send me ( ) Application for admission  
. ( ) Financial Aid information  
. ( ) Housing information

. My major field of interest is \_\_\_\_\_  
.....

. For further information return this form to:

.  
. Director of Admissions  
. The University of Texas of the Permian Basin  
. Odessa, Texas 79762  
.

. Name \_\_\_\_\_

. Address \_\_\_\_\_

. City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

. Please send me ( ) Application for admission  
. ( ) Financial Aid information  
. ( ) Housing information

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.....

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. Name \_\_\_\_\_

. Address \_\_\_\_\_

. City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

. Please send me ( ) Application for admission  
. ( ) Financial Aid information  
. ( ) Housing information

. My major field of interest is \_\_\_\_\_  
.....

## THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

## RECOMMENDED AMENDMENTS TO THE 1972-73 OPERATING BUDGET

April 24, 1973 Meeting

## GENERAL COLLEGE ADMINISTRATION:

Office of the Vice President for Business Affairs

## 1. Transfer of Funds:

From:	General Institutional Expense, Unallocated Salaries	\$4,896
To:	Office of the Vice President for Business Affairs, Classified Salaries	\$4,896
For:	Additional funds needed for salary of a senior clerk. (RBC #17)	

## RESIDENT INSTRUCTION:

Faculty, College of Science and Engineering

2. Appoint Frederick Curt Haupt as Associate Professor of Chemistry, Faculty, College of Science and Engineering (without tenure), for period of 12/22/72 - 5/31/73 at a salary rate of \$14,500 for a 9 month period. Source of Funds: Unallocated Faculty Salaries. (RBC #16)

3. Appoint Clyde H. Sprague as Associate Professor of Engineering, Faculty, College of Science and Engineering (without tenure), for period 1/24/73 - 5/31/73 at a salary rate of \$17,500 for a 9 month period. Source of Funds: Unallocated Faculty Salaries. (RBC #20)

4. Appoint Donald F. Toomey as Chairman and Professor of Earth Science, Faculty, College of Science and Engineering (without tenure), for period 1/21/73 - 5/31/73 at a salary rate of \$20,000 for a 9 month period. Source of Funds: Unallocated Faculty Salaries. (RBC #21)

## 5. Transfer of Funds:

From:	General Resident Instruction Expense, Unallocated Faculty Travel	\$2,500
To:	Faculty, College of Science and Engineering, Faculty Travel	\$2,500
For:	Additional funds needed for faculty travel. (RBC #22)	

Office of the Dean, College of Arts and Education

6. Appoint Dianne Beatrice Peters as Assistant Dean of Arts and Education, Office of the Dean of Arts and Education, for period of 12/26/72 - 8/31/73 at a salary rate of \$16,500 for a 12 month period. (RBC #14)

Faculty, College of Arts and Education

## 7. Transfer of Funds:

From:	General Resident Instruction Expense, Unallocated Faculty Travel	\$5,000
To:	Faculty, College of Arts and Education, Faculty Travel	\$5,000
For:	Additional funds needed for faculty travel.	

(RBC #23)

8. Appoint William A. King as Professor and Chairman of the Faculty of Art, College of Arts and Education (without tenure), for period of 1/19/73 - 5/31/73 at a salary rate of \$16,500 for a 9 month period. Source of Funds: Unallocated Faculty Salaries. (RBC #25)

9. Appoint John Owen Weddle as Assistant Professor of Literature, Faculty, College of Arts and Education (without tenure), for period of 2/2/73 - 5/31/73 at a salary rate of \$12,000 for a 9 month period. Source of Funds: Unallocated Faculty Salaries. (RBC #27)

## PHYSICAL PLANT OPERATION

Building Maintenance

## 10. Transfer of Funds:

From:	General Institutional Expense, Unallocated Salaries	\$3,876
To:	Building Maintenance, Classified Salaries	\$3,876
For:	Additional funds needed for salary of a Maintenance Man.	

(RBC #18)

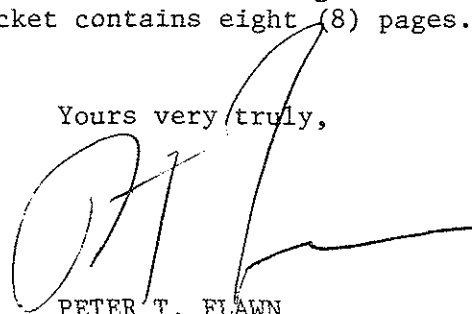
THE UNIVERSITY OF TEXAS AT SAN ANTONIO  
Office of the President  
March 23, 1973

Dr. Charles A. LeMaistre  
Chancellor  
The University of Texas System  
601 Colorado Street  
Austin, Texas 78701

Dear Dr. LeMaistre:

The enclosed docket for The University of Texas at San Antonio is submitted for your approval and presentation to the Board of Regents at the next meeting on April 24, 1973. This docket contains eight (8) pages.

Yours very truly,

A handwritten signature in black ink, appearing to be 'P. Flawn', written over the typed name.

PETER T. FLAWN

THE UNIVERSITY OF TEXAS  
AT SAN ANTONIO

GIFTS: Acceptance is recommended for the following gift which has been received:

<u>Donor</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. Minnie Stevens Piper Foundation c/o Mr. William C. Wiederhold, Executive Director, 201 N. St. Mary's Street, San Antonio, Texas 78205	For continuation of research into histori- cal evidence concerning the Negro in Spanish Texas by The University of Texas Institute of Texan Cultures	\$6,000.00

TRAVEL FOR FACULTY AND STAFF: The following travel is reported in accordance with Section 13.35 of Chapter III, Part Two of the Regents Rules and Regulations of the Board of Regents for government of the University of Texas System:

1. Maureen Harris, Librarian, April 29, 1973 through May 3, 1973, to Port-of-Spain, Trinidad, to attend Eighteenth Seminar on Acquisition of Latin American Library Materials, to consult with other participants on common problems and to discuss specific problems with book dealers from Latin America from whom this institution has and/or expects to purchase books. Expenses in the approximate amount of \$590.00 to be paid from Library Travel Account.
2. Dr. Joseph Michel, Professor of Foreign Language and Dean, March 6, 1973 through March 15, 1973, to Arequipa, Peru, to attend a conference sponsored by the International Linguistic Association and present a paper, "Algunas Consideraciones Acerca de la Ensenanza de la Lectura en Espanol al Nino Bilingue." Expenses in the approximate amount of \$932.00 to be paid from the Office of the Dean, College of Multidisciplinary Studies, Travel.

BUSINESS CONTRACTS AND AGREEMENTS: Ratification is requested for the following:

1. Ammendments to lease agreement U-2392L between Koger Properties, Inc. and The University of Texas at San Antonio to add 2,368 square feet of space at the previously agreed rate of 0.4366 ¢ per square foot per month. The total square feet now under this lease agreement will be 15,701 and the total monthly cost is \$6,855.05 per month.

THE UNIVERSITY OF TEXAS  
AT SAN ANTONIO  
RECOMMENDED AMMENDMENTS TO THE 1972-73 BUDGET  
 April 24, 1973 Meeting

Approval is requested for the following:

GENERAL ADMINISTRATION

Office of the President

1. Appoint Dr. Kenneth H. Ashworth as Executive Vice President, at an annual salary rate of \$38,000.00, for twelve months, effective February 1, 1973. Funds needed in the amount of \$22,166.67, are provided for in Administrative and Professional Salaries. Dr. Ashworth will also serve as Professor (tenure) in the College of Multidisciplinary Studies. (RBC 55)
2. Appoint Dr. Arch W. Hunt as Director of Management Information Systems, Office of the President, at an annual salary rate of \$26,000.00 for twelve months, effective March 1, 1973. Funds needed, in the amount of \$13,000.02, are provided for in the Administrative and Professional Salaries (\$333.33) and from Unallocated - Including Special Equipment (\$12,666.69). Dr. Hunt will also serve as Professor (tenure), Division of Management, College of Business (without salary). (RBC 57)
3. Transfer \$1,243.00 from Unallocated General Administrative, Classified Salaries to Office of the President, Classified Salaries, Funds needed to up-grade a budget position. (RBC 28)

Vice President for Academic Affairs

4. Transfer \$1,500.00 from Unallocated General Administrative Maintenance, Operation, and Equipment, to Vice President for Academic Affairs Maintenance, Operation, and Equipment to provide funds needed for equipment purchases pertaining to opening of Graduate School in June, 1973. (RBC 26)

Vice President for Fiscal Affairs

5. Appoint Mr. Everitt M. Mahon as Vice President for Fiscal Affairs at an annual salary rate of \$30,000.00, effective January 15, 1973. Funds needed in the amount of \$18,371.00, are provided for in the Administrative and Professional Salaries. (RBC 36)

Vice President for University Affairs

6. Appoint Dr. Dora Grossenbacher as Dean of Students, at an annual salary rate of \$20,000.00, effective February 1, 1973. Funds needed in the amount of \$11,666.67, are to come from Unallocated - Including Special Equipment. (RBC 61)

Office of Fiscal Services

7. Remove Mr. W. E. Stern, as Director, Fiscal Services, at an annual salary rate of \$17,100.00, effective December 31, 1972. Mr. Stern is being appointed as Director, General Services. (RBC 42a)



GENERAL ADMINISTRATION (continued)Office of General Services

8. Appoint Mr. W. E. Stern as Director of General Services at an annual salary rate of \$17,100.00, effective January 1, 1973. Funds needed, in the amount of \$11,400.00, are to come from Administrative and Professional Salaries, Office of Fiscal Services. (RBC 43a)
9. Appoint Mrs. Virginia M. Worthy as Purchasing Agent at an annual salary of \$13,500.00, effective January 1, 1973. Funds needed in the amount of \$9,000.00, are provided in the Administrative and Professional Salaries. (RBC 29)
10. Transfer \$25,000.00 from Unallocated - Including Special Equipment to Office of General Services, Maintenance, Operation, and Equipment to provide funds needed for equipment purchasing pertaining to opening of Graduate School in June, 1973. (RBC 62)

Personnel Office

11. Appoint Mr. John W. Massey as Personnel Director, Personnel Office, at an annual salary of \$14,500.00, effective February 1, 1973. Funds needed, in the amount of \$8,458.33, are to come from Unallocated - Including Special Equipment. (RBC 60)

RESIDENT INSTRUCTIONCollege of BusinessDivision of Economics and Finance

12. Appoint Dr. Paul Bartlett, Jr. (non-tenure) as Associate Professor, at an academic salary rate of \$16,000.00, for nine months, effective May 15, 1973. Funds needed, in the amount of \$6,308.26, are to come from Unallocated Faculty Salaries and Unallocated Faculty Salaries - Summer School. (RBC 79)
13. Appoint Dr. Antonio Furino (non-tenure) as Associate Professor (half-time), at an academic salary rate of \$18,000.00, effective January 1, 1973. Funds needed, in the amount of \$8,000.00, are to come from Unallocated Faculty Salaries. Dr. Furino is also appointed half-time as Director Business and Human Resource Center. (RBC 41)
14. Appoint Dr. Frank R. Keller (non-tenure) as Visiting Professor, at an academic salary rate of \$18,000.00, for nine months, effective May 15, 1973. Funds needed, in the amount of \$7,096.80, are to come from Unallocated Faculty Salaries and Unallocated Faculty Salaries - Summer School. (RBC 77)
15. Appoint Dr. Dale B. Truett (tenure) as Professor and Director at an annual salary rate of \$24,000.00, effective March 15, 1973. Funds needed, in the amount of \$11,096.80, are to come from Unallocated Faculty Salaries. (RBC 46)

Dr. Hunt will also serve as Director of Management Information Systems, Office of the President, at an annual salary rate of \$26,000.00. (RBC 58)

College of Humanities and Social Sciences

Division of English Languages, Literature, and Linguistics

18. Appoint Dr. Alan E. Craven (tenure) as Professor and Director, at an annual salary rate of \$24,000.00, effective June 1, 1973. Funds needed, in the amount of \$6,000.00, are to come from Unallocated Faculty Salaries - Summer School. (RBC 71)

Division of Foreign Languages, Literature, and Linguistics

19. Appoint Dr. Joseph Michel (tenure) as Professor (without salary), effective February 15, 1973. Dr. Michel also serves as Dean, College of Multidisciplinary Studies at an annual salary rate of \$32,000.00. He also serves as Professor (without tenure), Division of Bicultural-Bilingual Studies, College of Multidisciplinary Studies. (RBC 66)
20. Appoint Dr. Frank Pino, Jr. (non-tenure) as Associate Professor, at an academic salary rate of \$13,000.00, for nine months, effective July 1, 1973. Funds needed, in the amount of \$2,888.88, are to come from Unallocated Faculty Salaries - Summer School. (RBC 78)
21. Remove Dr. Tomas Rivera, Director, at an annual salary rate of \$24,000.00, effective January 31, 1973. He will remain as Professor without salary. Dr. Rivera is being appointed Associate Dean of the College of Multidisciplinary Studies. (RBC 38)
22. Change the status of Dr. Tomas Rivera, Professor (non-tenure) to Professor (tenure), without salary. Dr. Rivera is also Associate Dean, College of Multidisciplinary Studies, at an annual salary rate of \$26,000.00. (RBC 73)

RESIDENT INSTRUCTION (continued)College of Humanities and Social SciencesDivision of Social Sciences

23. Appoint Dr. Felix D. Almaraz, Jr., (non-tenure) as Associate Professor, at an academic salary rate of \$14,000.00, effective June 1, 1973. Funds needed, in the amount of \$4,666.66, are to come from Unallocated Faculty Salaries - Summer School. (RBC 74)
24. Appoint Mr. Thomas R. Hester (non-tenure) as Assistant Professor, at an academic salary rate of \$11,000.00, for nine months, effective July 1, 1973. Funds needed, in the amount of \$2,444.44, are to come from Unallocated Faculty Salaries - Summer School. (RBC 43)
25. Appoint Dr. Michael H. Jost (non-tenure) as Assistant Professor, at an academic salary rate of \$11,000.00, for nine months, effective May 15, 1973. Funds needed, in the amount of \$4,336.94, are to come from Unallocated Faculty Salaries and Unallocated Faculty Salaries - Summer School. (RBC 63)
26. Appoint Dr. Woodruff Smith (non-tenure) as Assistant Professor, at an academic salary rate of \$12,500.00, for nine months, effective June 1, 1973. Funds needed, in the amount of \$4,166.66, are to come from Unallocated Faculty Salaries - Summer School. (RBC 67)

Office of the Dean

27. Transfer \$7,000.00, from College of Humanities and Social Sciences, Unallocated Departmental Operating Expense, Maintenance, Operation, and Equipment, to Office of the Dean, Maintenance, Operation, and Equipment, to provide funds needed for equipment purchases pertaining to opening of Graduate School in June, 1973. (RBC 25)

College of Multidisciplinary StudiesDivision of Advanced Studies in Education

28. Appoint Dr. Thomas J. Cleaver (tenure) as Professor, at an academic salary rate of \$20,000.00, for nine months, effective April 1, 1973. Funds needed, in the amount of \$11,111.11, are to come from Faculty Salaries and Unallocated Faculty Salaries - Summer School. (RBC 69)
29. Appoint Dr. Elwood B. Traylor (tenure) as Professor, at an academic salary rate of \$17,500.00 for nine months, effective May 1, 1973. Funds needed, in the amount of \$7,777.77, are to come from Faculty Salaries and Unallocated Faculty Salaries - Summer School. (RBC 68)
30. Appoint Dr. Kenneth H. Ashworth (tenure) as Professor (without salary). Dr. Ashworth will also serve as Executive Vice President, Office of the President, at an annual salary rate of \$38,000.00. (RBC 56)
31. Appoint Dr. Wayne M. Laughery (non-tenure) as Professor, at an academic salary rate of \$17,500.00, for nine months, effective June 1, 1973. Funds needed, in the amount of \$5,833.33, are to come from Unallocated Faculty Salaries - Summer School. (RBC 42)

RESIDENT INSTRUCTION (continued)College of Multidisciplinary StudiesDivision of Advanced Studies in Education

32. Appoint Dr. Robert T. Alciatore (tenure) as Professor and Director, at an annual salary rate of \$24,000.00, effective February 5, 1973. Funds needed, in the amount of \$13,714.20, are provided for in Faculty Salaries. (RBC 24)
33. Appoint Dr. Paul Westmeyer (non-tenure) as Professor, at an academic rate of \$18,000.00, for nine months, effective March 15, 1973 through May 31, 1973. Funds needed, in the amount of \$5,096.80, are provided for in Faculty Salaries. (Rev. RBC 18)
34. Appoint Mr. Larrie E. Gale (non-tenure) as Assistant Professor (half-time) at an academic salary rate of \$12,800.00, for nine months, effective April 15, 1973 through May 31, 1973. Funds needed, in the amount of \$1,090.35, are to come from Unallocated Faculty Salaries. Mr. Gale is also appointed half-time in Media Center. (RBC 34)
35. Appoint Dr. Kenneth Wunderlich (non-tenure) as Assistant Professor, at an academic salary rate of \$12,000.00, for nine months, effective March 1, 1973. Funds needed, in the amount of \$8,000.00 are to come from Faculty Salaries and Unallocated Faculty Salaries - Summer School. (RBC 72)

Division of Bicultural-Bilingual Studies

36. Appoint Dr. Peter A. Helfert (non-tenure) as Associate Professor at a salary rate of \$16,000.00, for nine months, effective March 1, 1973, through May 31, 1973. Funds needed in the amount of \$5,333.34, are to come from Unallocated Faculty Salaries. (RBC 35)
37. Appoint Dr. Joseph Michel (non-tenure) as Professor, (without salary) effective February 15, 1973. Dr. Michel also serves as Dean, College of Multidisciplinary Studies at an annual salary rate of \$32,000.00, and as Professor (tenure) Division of Foreign Languages, Literature, and Linguistics, College of Humanities and Social Sciences. (RBC 65)

Division of Certificate Programs in Education

38. Appoint Dr. Milo T. Kearney (tenure) as Professor and Director, at an academic salary rate of \$18,000.00, for nine months, effective June 1, 1973. Funds needed, in the amount of \$6,000.00, to come from Unallocated Faculty Salaries. (Rev. RBC 17)
39. Transfer \$750.00 from Unallocated Departmental Operating Expense, College of Multidisciplinary Studies, Travel, to Division of Certificate Programs in Education, Travel, College of Multidisciplinary Studies, to provide funds needed for new faculty. (RBC 27)

Division of Environmental Studies

40. Appoint Dr. J. Leland Hepworth (non-tenure) as Associate Professor at an academic salary rate of \$16,000.00, for nine months, effective March 1, 1973 through May 31, 1973. Funds needed, in the amount of \$5,333.34, are to come from Unallocated Faculty Salaries. (RBC 31)

RESIDENT INSTRUCTION (continued)College of Multidisciplinary StudiesOffice of the Dean

41. Appoint Dr. Joseph Michel as Dean, College of Multidisciplinary Studies, at an annual salary rate of \$32,000.00, effective February 15, 1973. Funds needed, in the amount of \$17,333.36, are provided for in Administrative and Professional Salaries. Dr. Michel is also appointed Professor in the Division of Bicultural-Bilingual Studies and as Professor (tenure) in the Division of Foreign Languages, Literature, and Linguistics, College of Humanities and Social Sciences. (RBC 64)
42. Appoint Dr. Tomas Rivera as Associate Dean of the College of Multidisciplinary Studies, at an salary rate of \$26,000.00, effective February 1, 1973. Funds needed, in the amount of \$15,166.62, are provided for in Administrative and Professional Salaries. Dr. Rivera will remain Professor (tenure) Division of Foreign Languages, Literature, and Linguistics, College of Humanities and Social Sciences (without pay). (RBC 39)

College of Science and MathematicsDivision of Earth and Life Sciences

43. Appoint Dr. J. Homer Ferguson (tenure) as Professor and Director at an annual salary rate of \$24,000.00, effective January 15, 1973. Funds needed, in the amount of \$15,096.77, are to come from Unallocated Faculty Salaries. (RBC 30)
44. Appoint Dr. Paul H. Rodriguez (non-tenure) as Assistant Professor at an academic salary rate of \$12,000.00, for nine months, effective April 1, 1973 through May 31, 1973. Funds needed, in the amount of \$2,666.66, are to come from Unallocated Faculty Salaries. (RBC 32)

Division of Mathematics and Systems Design

45. Appoint Dr. David Tabor (non-tenure) as Assistant Professor, at an academic salary rate of \$13,000.00, for nine months, effective January 15, 1973 through May 31, 1973. Funds needed, in the amount of \$6,569.87, are to come from Unallocated Faculty Salaries. (RBC 37)

Division of Physical Sciences

46. Appoint Dr. Charles Howard (tenure) as Professor, at an academic salary rate of \$16,000.00, for nine months, effective August 1, 1973. Funds needed, in the amount of \$1,777.77, are to come from Unallocated Faculty Salaries - Summer School. (RBC 44)

Media Center

47. Appoint Mr. Larrie E. Gale (non-tenure) as Assistant Professor (half-time) at a salary rate of \$12,800.00, for nine months, effective April 15, 1973 through May 31, 1973. Funds needed, in the amount of \$1,090.34, are to come from Unallocated Faculty Salaries. Mr. Gale is also appointed half-time in College of Multidisciplinary Studies, Division of Advanced Studies in Education. (RBC 33)

RESIDENT INSTRUCTION (continued)Business and Human Resource Center

48. Appoint Dr. Antonio Furino, Director (half-time) at an annual salary rate of \$24,000.00, effective January 1, 1973. Funds needed, in the amount of \$8,000.00, are to come from Unallocated - Including Special Equipment. (RBC 40)

PHYSICAL PLANTAdministration

49. Appoint Mr. George E. Mangrem as Associate Director of Physical Plant, at an annual salary rate of \$17,000.00, for twelve months, effective February 1, 1973. Funds needed, in the amount of \$9,916.67, are to come from Unallocated - Including Special Equipment. (RBC 59)

UNALLOCATED - INCLUDING SPECIAL EQUIPMENT

50. Transfer the funds required for needed purchases by the designated colleges which pertain to the opening requirements of the Graduate School in June, 1973, and provide the necessary salary funds required for administrative personnel.

From:	Unallocated - Including Special Equipment	\$21,371.00
To:	Vice President for Fiscal Affairs,	
	Administrative and Professional Salaries	\$11,371.00
	College of Fine and Applied Arts, Equipment	5,000.00
	College of Humanities and Social Sciences,	
	Equipment	5,000.00
	(RBC 70)	

INSTITUTE OF TEXAN CULTURES

51. Transfer \$6,000.00 from Piper Foundation Grant into Piper Foundation Grant, Salaries Account, to provide the funds necessary to support the personnel required for research. (RBC-TC 60)

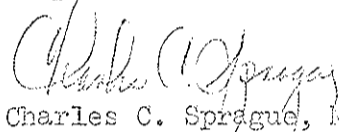
THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS  
5323 Harry Hines Boulevard, Dallas, Texas 75235

Dr. Charles A. LeMaistre  
Chancellor  
The University of Texas System  
Austin, Texas 78712

Dear Dr. LeMaistre:

The following docket consisting of 28 pages for The University of Texas Health Science Center at Dallas is submitted for your approval and presentation to the Board of Regents at their next meeting on April 24, 1973.

Respectfully submitted,

  
Charles C. Sprague, M.D.  
President

## THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

BOARD OF REGENTS MEETING - APRIL 24, 1973

TRAVELDALLAS HEALTH SCIENCE CENTER

1. Irvin D. Patrick, Patrolman, University Police, to travel to the University of Texas Police Academy in Austin to attend training session from January 8, 1973 to March 16, 1973. Expenses will be paid by the University Police Department.

DALLAS MEDICAL SCHOOL

1. Dr. Heinz F. Eichenwald, Professor and Chairman, Department of Pediatrics, to travel to Saigon, South Vietnam, on a leave of absence with pay from March 24, 1973 to April 26, 1973 to attend the annual department head meeting at the University of Saigon. Travel expenses to be paid by the American Medical Association.

2. Revision on travel request for Dr. Joseph LoSpalluto, Professor, Department of Biochemistry, to travel to the University of Geneva, Switzerland, from February 5, 1973 to July 31, 1973. Travel expenses to be paid by a Various Donors account in lieu of no travel expenses requested.

3. Dr. Robert R. Shaw, Professor of Thoracic Surgery, Department of Surgery, to travel to Afghanistan, to work at the Avicenna Chest Clinic at Kabul, Afghanistan from March 2, 1973 to April 3, 1973. Travel expenses will be paid by Dr. Shaw.

4. Dr. John Denis McGarry, Assistant Professor of Biochemistry and Internal Medicine, to travel to Stockholm, Brussels, Berlin and England to attend, participate and present papers at scientific meetings and to lecture in Berlin, during the period July 1, 1973 to August 1, 1973. Expenses will be paid by a Dallas Diabetes grant.

5. Dr. Leonard Madison's leave of absence revised from January 1, 1973 to June 30, 1973 to February 13, 1973 to August 12, 1973. Dr. Madison was unable to leave on scheduled date due to administrative responsibilities in the school.

6. Dr. John D. Nelson, Professor, Department of Pediatrics, to travel to Saigon, South Vietnam, from April 8, 1973 to June 8, 1973 on a tour of duty with the AMA Education Project in Saigon. Expenses will be paid by the American Medical Association, Chicago.

7. Dr. Andres Goth, Professor and Chairman, Department of Pharmacology, to travel to London, England, from November 1, 1973 to January 31, 1974, as a visiting scientist at the North East London Polytechnic University and to work on problems of mast cells and histamine metabolism.

8. Dr. Walter B. Dempsey, Professor, Department of Biochemistry, to travel to Scotland for the purpose of participating in research and training in the Department of Molecular Biology at the University of Edinburgh, from September 1, 1973 to August 31, 1974.



GRANTSDALLAS HEALTH SCIENCE CENTER

<u>Donor</u>	<u>Amount</u>
1. Southwestern Medical Foundation 333 Medical Arts Building Dallas, Texas 75201	
<u>Purpose and Condition.</u> Fourth payment of Southwestern Medical Foundation's Development Program for the Dallas Medical School Phase I Building Program.	\$1,753,254.00
2. Southwestern Medical Foundation 333 Medical Arts Building Dallas, Texas 75201	
<u>Purpose and Condition.</u> Fourth payment of Southwestern Medical Foundation's pledge for construction of the Fred F. Florence Bioinformation Center.	\$ 206,000.00
3. The Journal of Clinical Investigation Editorial Office 5323 Harry Hines Boulevard Dallas, Texas 75235	
<u>Purpose and Condition.</u> For salaries and special office expenses of employees of the <u>Journal</u> .	\$ 15,000.00

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL)DALLAS HEALTH SCIENCE CENTER

4. Lease agreement whereby the Dallas Health Science Center renews a lease with Vantage Company for 6,500 square feet of space situated at 2303 Farrington Street, Dallas, for a one-year period commencing March 1, 1973 through February 28, 1974 at the same rental rate of \$575.00 per month for use as a library warehouse.

5. Lease agreement whereby the Dallas Health Science Center leases from John O. Woodard, Jr. and J. O. Woodard approximately 2,200 square feet of space located at 1516 Hall Street, Dallas, for a 35-month term beginning February 1, 1973 through December 31, 1975 at the rental rate of \$500.00 per month for use as a Maternal Health and Family Planning Clinic.

DALLAS MEDICAL SCHOOL

6. Lease agreement whereby the Dallas Medical School leases approximately 3,300 square feet of space located in Building III, Suite 214, 2600 Stemmons Freeway, Dallas, from 2600 Stemmons Freeway Company, at the rental rate of \$1,134.00 per month for a one-year period commencing March 1, 1973 for use by the Child Psychiatry Division.

## GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

The Arthritis Foundation  
1212 Avenue of the Americas  
New York, New York 10036

7. Fellowship Grant  
Postdoctoral Fellowship on behalf of Dr. Robert E. Wolf,  
sponsored by Dr. Morris Ziff, Department of Internal  
Medicine.  
July 1, 1973 through June 30, 1974  
\$7,500
8. Research Grant  
Budget support for the "Arthritis Clinical Research  
Center."  
Morris Ziff, M.D., Ph.D., Department of Internal Medicine  
July 1, 1973 through June 30, 1974  
\$22,000.00

Calgon Consumer Products Co., Inc.  
Research Laboratories  
Rahway, New Jersey 07065

9. Research Grant  
"Bioavailability and Occult Blood Loss for CP-107  
(Q-0119)." A drug study.  
Ivan Danhof, M.D., Ph.D., Department of Physiology  
\$13,723.00

Ciba Pharmaceutical Company  
Summit, New Jersey 07901

10. Research Grant  
Additional support for "Cephacetrile Study."  
Alan K. Pierce, M.D., Department of Internal Medicine.  
\$1,650.00

CIBA-GEIGY Corporation  
Summit, New Jersey 07901

11. Research Grant  
"Susceptibilities of Bacterial Pathogens for Neonates  
to the Cephalosporins." A drug study.  
George H. McCracken, Jr., M.D., Department of Pediatrics  
\$3,740.00

Clinical Resources, Inc.  
2 Hammerskjold Plaza  
New York, New York 10017

12. a. Research Grant  
"Prophylactic Efficacy of Sublingual Pentritinol."  
Effect of substance on measured exercise in coronary  
patients.  
William Shapiro, M.D., Department of Internal Medicine  
\$12,000.00
- b. Revised Research Grant  
"Clinical Determination of the Maximum Tolerated  
Sublingual Dose of Petrin." A drug study.  
Terminated as of December 31, 1972 with a  
decrease of \$1,500 in amount of grant.

## GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

Dermatology Foundation  
1530 Chestnut Street  
Philadelphia, Pa. 19102

## 13. Research Grant

"A Study of the Mechanism of Immunoglobulin Deposition in the Skin in Systemic Lupus Erythematosus and in NZB/NZW Mice." A study of possible anti-epithelial-DNA antibodies in circulating and fixed globulins.  
James Gilliam, M.D., Department of Internal Medicine  
January 1, 1973 through December 31, 1973  
\$5,000.00

Ethicon, Inc.  
Somerville, New Jersey 08876

## 14. Research Grant

"Evaluation of X L G Polyester Suture."  
Ronald C. Jones, Department of Surgery  
\$2,000.00 additional support

ICI America Inc.  
Wilmington, Delaware 19899

## 15. Research Grant

"Pneumoconiosis Survey" conducted by  
W. G. Johanson, Jr., M.D., Department of Internal Medicine  
\$5,335.00 additional support

International Chemical & Nuclear Corporation  
171 South Lake Avenue  
Pasadena, California 91101

## 16. Research Grant

"Further Elucidation of Potential Hazards, Mode of Action and Clinical Efficacy of Sodium Cellulose Phosphate Therapy in Nephrolithiasis." A drug study.  
Charles Y. C. Pak, M.D., Department of Internal Medicine  
\$6,000.00

Merck, Sharp & Dohme  
5334 Farquhar Lane  
Dallas, Texas 75209

## 17. Lectureship Grant

Funds to defray expenses of visiting lecturer, Jan Koch-Weser, M.D., under company's Postgraduate Program.  
William A. Pettinger, M.D., Department of Pharmacology and Internal Medicine  
\$476.18

National Cystic Fibrosis Research Foundation  
Dallas Area Chapter  
1206 Stemmons Tower West  
Dallas, Texas 75207

## 18. Research Grant

Support for Dallas Cystic Fibrosis Care and Teaching Center.  
Robert I. Kramer, M.D., Department of Pediatrics  
November 1, 1972 through October 31, 1973  
\$9,500.00

## GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

The National Foundation  
1275 Mamaroneck Avenue  
White Plains, New York 10605

19. Research Grant  
"Medical Service Grant - Birth Defect Center." Medical service to infants with birth defects---diagnosis, management, clinical study.  
Jorge E. Howard, Jr., M.D., Department of Pediatrics  
January 1, 1973 through December 31, 1973  
\$35,000.00

Ohio Medical Products  
Central Research Laboratories  
Murray Hill, New Jersey 07974

20. Research Grant  
"A Comparative Evaluation of Isoflurane and Methoxyflurane in the Pediatric Age Group." Clinical evaluation of an agent for short term anesthesia in Pediatrics.  
E. Warner Ahlgren, M.D., Department of Anesthesiology  
\$16,700.00

The Population Council  
Biomedical Division  
The Rockefeller University  
York Avenue & 66th Street  
New York, New York 10021

21. Supply Award  
Laboratory fees for Dr. Nira Ben-Jonathan, a Population Council Fellow.  
\$500.00

Searle Laboratories  
Division of G. D. Searle & Co.  
Box 5110  
Chicago, Illinois 60680

22. Research Grant  
"Aldactone versus Hydrochlorothiazide in Low PRA Hypertension and Comparison of Aldactazide and Dyazide in Hypertension."  
A drug study.  
Norman M. Kaplan, M.D., and David C. Kem, M.D., Department of Internal Medicine  
\$35,000.00

Southwest Foundation for Research and Education  
P. O. Box 28147  
7480 West Commerce Street  
San Antonio, Texas 78284

23. Research Grant  
"A Study of Gonadotropin Releasing Factors." A continuing grant. Studies hypophysial release of gonadotropin.  
Samuel McCann, M.D., Department of Physiology  
December 1, 1972 through November 30, 1973  
\$19,250.00

## GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

The Upjohn Company  
Kalamazoo, Michigan 49001

24. Research Grant  
"Evaluation of U-10,858 Protocol 703." A drug study.  
 \$1,350.00 additional support  
 William A. Pettinger, M.D., Department of Pharmacology
25. Research Grant  
"Protocol No. 005, Effect of U-26,597A on Serum Cholesterol and Triglycerides in a Hyperlipidemic Clinic Population Phase II-III." Continuing study of an anticholesteremic substance; a drug evaluation. Transfer of a grant from Parkland Memorial Hospital to Dallas Medical School.  
 Marvin D. Siperstein, M.D., Department of Internal Medicine  
 \$102,456.88
26. Research Grant  
"Protocol 109A, A Comparative Study of Cholesterol-Lowering Activity Between Clofibrate and Colestipol (U-26,597A) in Subjects with Elevated Serum Cholesterol and Normal Serum Triglycerides." Study of an anticholesterolemic drug in a special category of patients. Transfer of a grant from Parkland Memorial Hospital to Dallas Medical School.  
 Marvin D. Siperstein, M.D., Department of Internal Medicine  
 \$32,080.00

The Robert A. Welch Foundation  
2010 Bank of the Southwest Building  
Houston, Texas 77002

27. Grant I-080  
 Amended Budget Request wherein grant period is changed to end January 31, 1973 and unexpended balance of \$7,432.00 will lay dormant until request for reinstatement is made upon Dr. John M. Johnston's return from leave.
28. Grant I-453  
"The Mechanism of Electron Transport in the Multi-Enzyme System of Liver Microsomes." Amended budget request, no new funds involved. May 1, 1972 through April 30, 1973.  
 Bettie Sue Masters, Ph.D., Department of Biochemistry
29. Renewal Grant I-181  
"Ultramicro Analysis of Steroid Hormones in Biological Tissues." Concerned with the continued study of the chemical aspects of steroid chemistry.  
 Pentti K. Siiteri, Ph.D., Department of Biochemistry  
 May 1, 1973 through April 30, 1975  
 \$30,000.00

## GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

## The Robert A. Welch Foundation - continued

30. Renewal Grant I-391  
"N-Methylglutamate Synthetase; Studies on the Mechanism of Flavin Reduction." Basic biochemical study of production of active enzyme.  
 Louis B. Hersch, Ph.D., Department of Biochemistry  
 May 1, 1973 through April 30, 1976  
 \$36,000.00
31. Renewal Grant I-385  
"Characteristics and Function of Malic Enzyme Isozymes." Basic biochemistry study.  
 Rene Frenkel, Ph.D., Department of Biochemistry  
 May 1, 1973 through April 30, 1974  
 \$12,000.00
32. Renewal Grant I-305  
"The Isolation and Identification of Some Hypothalamic Releasing Factors." Basic neurochemical study.  
 C. P. Fawcett, Ph.D., and S. M. McCann, M.D., Department of Physiology  
 May 1, 1973 through April 30, 1974  
 \$12,000.00
33. Renewal Grant I-381  
"The Chemistry and Mechanism of Enzymic Phosphoryl Transfer Reactions." Basic research in pyruvate kinase transfer phosphorylation.  
 G. L. Cottam, Ph.D., Department of Biochemistry  
 May 1, 1973 through April 30, 1976  
 \$36,000.00

Dallas Parent Child Development Center  
 2850 Singleton Avenue  
 Dallas, Texas 75212

34. Contract whereby the Dallas Medical School will provide consultation services to Dallas Parent Child Development Center for the period March 1, 1973 to March 31, 1973 for the sum of \$200.00. Department of Pediatrics.

University of Southern California  
 2025 Zonal Avenue  
 Los Angeles, California 90033

35. Change Order on Purchase Order No. M-811026 (Ref: Contract No. NIH-NHLL-72-2905-B entitled "Clinical Trial-Hyper-Immune Gamma Globulin for Treatment of Acute Fulminant Viral Hepatitis.") This change order reflects a reduction of \$540.30 in the total allocation for the Dallas Medical School's participation in this study. Final invoice for the period 7-1-72 thru 4-30-73 to be received no later than 5-31-73.  
 Dr. Burton Combes, Department of Internal Medicine.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) - continuedDALLAS MEDICAL SCHOOL - continued

The Ohio State University Research Foundation  
 1314 Kinnear Road  
 Columbus, Ohio 43212

36. Subcontract under Project No. 3494-A1, Purchase Order No. RF 268045, entitled "Study of Toxic and Teratogenic Effects of GRAS Substances Injected into Chicken Embryo," wherein the Dallas Medical School agrees to furnish to OSU Research Foundation the necessary personnel, materials, services, facilities and otherwise do all things necessary for the performance of the work as stated for the period March 1, 1973 through June 29, 1973, for a total cost not to exceed \$24,444.00.  
 John A. Shaddock, D.V.M., Ph.D., Department of Pathology

GRANTS, CONTRACTS AND AGREEMENTS (STATE)DALLAS MEDICAL SCHOOL

1. Interagency Cooperation Contract No. IAC(72-73)-1059 whereby the Dallas Medical School agrees to provide Pathophysiology services to students of the Texas Woman's University, Dallas Center, for the period January 15, 1973 thru May 31, 1973 for an amount not to exceed \$1,440.

GRANTS, CONTRACTS AND AGREEMENTS (OTHER)DALLAS HEALTH SCIENCE CENTER

1. Contract whereby the Dallas Health Science Center agrees to provide to Dallas County the services of faculty member(s) of the Department of Obstetrics and Gynecology (Dallas Medical School) in connection with the examination of alleged female victims of criminal sexual assault at the place and for the purposes stated in the contract in consideration of the sum of \$34,500 annually, payable quarterly in advance by Dallas County. This contract is subject to annual renegotiation but, unless and until terminated or superceded by another written contract, shall continue in force forever.

## THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

## FEDERAL CONTRACTS AND GRANTS

BOARD OF REGENTS MEETING - APRIL 24, 1973

DALLAS HEALTH SCIENCE CENTER

Department of Health, Education and Welfare  
Public Health Service

1. Contract NIH 71-4710, Modification No. 3  
"Operation of the Regional Medical Library Program and Delivery of 40,000 Documents." This supplemental agreement amends the workscope, extends the period of performance to January 14, 1974, increases total estimated cost of the contract to \$373,716.00 (an increase of \$143,211.00) and amends billing instructions.  
Donald D. Hendricks, Ph.D., Director of Library  
Dallas County
2. Health Professions Student Loan, I.D. Number 1 7 53 9014 03 1  
Additional loan funds for July 1, 1972 through June 30, 1973  
\$33,557.00 Federal Capital Contribution  
Dallas County
3. General Research Support Grant 5 S01 RRO5426-12  
General institutional support for research activities.  
Charles C. Sprague, M.D., President  
January 1, 1973 through December 31, 1973  
\$128,938.00  
Dallas County

## Veterans Administration

4. Contract No. V549P-588, Order No. 549-7748  
"Participation in the Dallas Area Hospital Television System." Contract for television linkage for instruction of students and house staff.  
Fred L. Christen, Ph.D., Department of Instructional Communications  
October 1, 1972 through September 30, 1973  
\$6,390.64  
Dallas County

DALLAS ALLIED HEALTH SCIENCES SCHOOL

Department of Health, Education and Welfare  
Social and Rehabilitation Service

1. Regional Short-Term Grant 45-P-30297/6-01, Amendment No. 1  
"New Objectives and Procedures - Rehabilitating Public Assistance Recipients." Budget revision without additional funds.  
Donald A. Pool, Ph.D., Department of Rehabilitation Science  
December 20, 1972 through June 30, 1973



## FEDERAL CONTRACTS AND GRANTS - continued

DALLAS MEDICAL SCHOOL

## National Aeronautics &amp; Space Administration

1. NASA Grant NGL 44-012-151, Supplement No. 3  
"Cardiovascular Effects of Variations in Habitual Levels of Physical Activity." This supplement provides a three-month extension commencing December 15, 1972 at no additional costs.  
 Jere H. Mitchell, M.D., and C. Gunnar Blomqvist, M.D., Ph.D.,  
 Department of Internal Medicine  
 Dallas County
2. NASA Grant NGR 44-012-151, Supplement No. 4  
"Cardiovascular Effects of Variations in Habitual Levels of Physical Activity." A continuation grant. Cardiac output at varying levels of fitness.  
 Jere H. Mitchell, M.D., and C. Gunnar Blomqvist, M.D., Ph.D.,  
 Department of Internal Medicine  
 March 1, 1973 through February 28, 1974  
 \$50,000.00  
 Dallas County

## Regional Medical Program of Texas

3. Research Grant RMP 5 G03 RM00007-05  
 Collaborative effort on the project entitled, "A Statewide, Coordinated Comprehensive Renal Program for Texas."  
 Dr. Pedro Stastny, Department of Internal Medicine  
 January 1, 1973 through June 30, 1973  
 \$2,000.00  
 Dallas County

Department of Health, Education and Welfare  
Public Health Service

4. Contract No. N01 NU 34014  
 To plan and operationalize a course of instruction to prepare nurses as specialists in burn care and research.  
 Charles R. Baxter, M.D., Department of Surgery  
 February 1, 1973 through January 31, 1974  
 \$72,023.00  
 Dallas County
5. Contract No. NIH-72-2531 (N01 AI 22531), Modification No. 1  
 Article VI, retitled "Method of Payment and Financial Reporting" and Article X, para. C, "Stabilization of Prices, Rents, Wages and Salaries" are amended to reflect provisions itemized in this modification.  
 No new funds involved.  
 Effective date - January 3, 1973  
 Dallas County
6. Contract FDA 72-312, Modification No. 2  
"Comparative Pharmacologic Evaluation of Antibiotic-Induced Adverse Drug Interaction." This modification provides for advance payments under Federal Reserve Letter of Credit No. 75-08-8130 effective January 2, 1973.  
 Dr. H. R. Adams, Department of Pharmacology  
 Dallas County
7. Research Grant 3 R01 NS10324-01S1  
"Intracellular Recording of Alpha-1A Loop Activation"  
 Supplemental support of a continuing grant.  
 Robert D. Ashworth, Ph.D., Department of Cell Biology  
 February 1, 1973 through August 31, 1973  
 \$6,610.00  
 Dallas County

## FEDERAL CONTRACTS AND GRANTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare  
Public Health Service - continued

8. Research Grant 5 RO1 CA11113-05  
"Tumor Inhibitory Enzymes." A continuation grant.  
Morton D. Prager, Ph.D., Department of Surgery  
February 1, 1973 through January 31, 1974  
\$23,151.00  
Dallas County
9. Research Grant 2 PO1 HL11662-06  
"Regulation of Fluid, Electrolyte, and Acid-Base Balance."  
These studies will elucidate important problems in acid-base balance, carbohydrate and lipid metabolism, calcium metabolism, potassium and sodium metabolism in normal and disease states.  
Donald W. Seldin, M.D., Department of Internal Medicine  
February 1, 1973 through January 31, 1974  
\$267,594.00  
Dallas County
10. Research Grant 1 RO1 HL15522-01  
"Influence of Mannitol on Ischemic Cardiac Muscle."  
Study of a drug to influence circulation in the heart muscle.  
James T. Willerson, M.D., Department of Internal Medicine  
January 1, 1973 through December 31, 1973  
\$25,590.00  
Dallas County
11. Research Grant 3 RO1 HL14355-02S1  
"Left Ventricular Function in Exercise." Supplemental to a preceding grant to study cardiac response to maximum exercise.  
Lawrence D. Horwitz, M.D., Department of Internal Medicine  
January 1, 1973 through August 31, 1973  
\$13,038.00  
Dallas County
12. Research Grant 2 RO1 HL13619-04  
"Microsomal Electron Transport in Liver and Heart."  
Biochemical study of similarities of the drug metabolizing enzymes in species and organs.  
Bettie Sue Masters, Ph.D., Department of Biochemistry  
May 1, 1973 through April 30, 1974  
\$30,241.00  
Dallas County
13. Research Grant 1 RO1 AI11278-01  
"Pathogenesis and Immunology of Neisseria Gonorrhoea."  
Study of antigens and antibodies possibly in development of a vaccine.  
Richard A. Finkelstein, Ph.D., Department of Microbiology  
February 1, 1973 to January 31, 1974  
\$18,139.00  
Dallas County

## FEDERAL CONTRACTS AND GRANTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare  
Public Health Service - continued

14. Project 06-H-000074-05-0  
"Greater Dallas Family Planning Project."  
Uel D. Crosby, M.D., Department of Obstetrics & Gynecology  
January 1, 1973 through December 31, 1973  
\$867,062.00  
Dallas County
15. Research Grant 3 RO1 AM09989-07S2  
"Immunologic and Other Aspects of the Rheumatic Diseases."  
Supplemental award.  
Morris Ziff, M.D., Department of Internal Medicine  
December 1, 1972 through January 31, 1973  
\$17,037.00  
Dallas County
16. Revised Research Grant 5 RO1 NS08618-03  
"Effects of Drugs on Thermoregulatory Mechanisms."  
Revision of grant amount.  
Wesley G. Clark, Ph.D., Department of Pharmacology  
September 1, 1972 through August 31, 1973  
Revised grant amount now reads \$15,649.00 reflecting  
decrease of \$760.00  
Dallas County
17. Revised Research Grant 5 RO1 AM14677-03  
"Transport Properties of Isolated Perfused Nephrons."  
Revision of grant amount.  
Juha P. Kokko, Ph.D., Department of Internal Medicine  
September 1, 1972 through August 31, 1973  
Revised grant amount now reads \$25,421.00 reflecting  
decrease of \$1,819.00  
Dallas County
18. Research Grant 1 RO1 HD07229-01  
"Survey for Increased Urinary Pyrimidine Excretion."  
Search for abnormal pyrimidine metabolism in mentally  
retarded.  
Lon E. Rogers, M.D., Department of Pediatrics  
June 1, 1973 through May 31, 1974  
\$9,071.00  
Dallas County
19. Research Grant 7 RO1 NS11239-01  
"Human Brain Microtubules: Composition and Function."  
Long range goal is to recognize abnormalities of  
microtubules and axoplasmic flow which become manifest  
as human diseases.  
Joel B. Kirkpatrick, M.D., Department of Pathology  
December 1, 1972 through August 31, 1973  
\$12,850.00  
Dallas County

## FEDERAL CONTRACTS AND GRANTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education and Welfare  
Public Health Service - continued

20. Fellowship Grant Number 1 FO2 GM54887-01  
Supply allowance for Edward C. Loebel, sponsored  
by Dr. Charles Baxter, Department of Surgery  
January 1, 1973 through December 31, 1973  
\$1,000.00  
Dallas County
21. Fellowship Grant Number 1 FO3 GM55560-01  
Supply allowance for Duane S. Bietz, sponsored  
by Dr. G. Thomas Shires, Department of Surgery  
January 1, 1973 through December 31, 1973  
\$1,000.00  
Dallas County
22. Career Award - Research Career Program  
Grant 5 KO6 HL01958-12  
"Regulation of Intermediary Metabolism." Basic research.  
Marvin D. Siperstein, M.D., Department of Internal Medicine  
March 1, 1973 through February 28, 1974  
\$27,683.00  
Dallas County
23. Development Award - Research Career Program  
Grant 1 KO4 HL70667-01  
"Role of Bacterial Infection in Experimental COPD."  
Waldemar G. Johanson, Jr., Department of Internal Medicine  
January 1, 1973 through December 31, 1973  
\$25,000.00  
Dallas County
24. Revised Research Grant 5 P11 GM16488-05  
"Hepatic Microsomal Drug Oxidation."  
Ronald W. Estabrook, Ph.D., Department of Biochemistry  
September 1, 1972 through August 31, 1973  
Revised grant amount now reads \$207,386, reflecting decrease  
of \$6,601.00.  
Dallas County
25. Revised Research Grant 5 RO1 AM06506-11  
"Water and Solute Movement in the Human Intestine."  
John S. Fordtran, M.D., Department of Internal Medicine  
September 1, 1972 through August 31, 1973  
Revised grant amount now reads \$57,384, reflecting increase  
of \$4,990.00.  
Dallas County
26. Training Grant 44-P-30064/6-08, Amendment No. 2  
"Teaching Grant and Traineeships in Rehabilitation  
Medicine."  
Phala Helm, M.D., Department of Physical Medicine & Rehabi-  
litation  
July 1, 1972 through June 30, 1973  
\$1,932.00 decrease in original grant

## THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET

BOARD OF REGENTS MEETING - APRIL 24, 1973

DALLAS HEALTH SCIENCE CENTEROffice of Medical Information

1. Transfer funds in the amount of \$408 from Unallocated Classified Salaries, Account 207001, to Medical Information Classified Salaries, Account 200301, to provide additional funds needed to increase the salary of Ann L. Harrell, Technical Staff Assistant III, from an annual salary rate of \$7,236 to an annual salary rate of \$7,584, and Johnnie P. Qualls, Secretary, from an annual salary rate of \$5,628 to an annual salary rate of \$5,892. (RBC No. 237)

Office of Student Affairs

2. Transfer funds in the amount of \$12,000 from Unallocated Faculty Salaries, Account 207000, to Office of Student Affairs, Account 200701, and appoint J. Wesley Norred (non-tenure), Director of Student Services and Instructor in Computer Science, effective January 1, 1973, at an annual salary rate of \$18,000 payable from Office of Student Affairs budget. (RBC No. 197)

Radiation Safety Program

3. Change the status of Jack Moses Morgan (non-tenure), 20%, at an annual salary rate of \$20,000 payable from Parkland Memorial Hospital, as follows:

From: Director of Radiation Safety Program and Clinical Associate Professor of Radiology,

To: Director of Radiation Safety Program and Professor of Radiology, with no change in salary. (RBC No. 255)

Office of Grants and Sponsored Research

4. Transfer funds in the amount of \$19,600 from Unallocated Faculty Salaries, Account 207000, to Office for Grants and Sponsored Research, Account 203801, and change the status of John S. Chapman (tenure), effective January 1, 1973, as follows:

From: Assistant Dean for Postgraduate Education and Professor of Internal Medicine, at an annual salary rate of \$29,400 payable from Extension-Postgraduate Program budget,

To: Assistant Dean for Sponsored Programs and Professor of Internal Medicine, at an annual salary rate of \$29,400 payable from Office for Grants and Sponsored Research budget. (RBC No. 212)

Medical Computing Resources Center

5. Grant leave of absence without pay to Lynn L. Peterson (non-tenure), Assistant Director and Instructor of Computer Science, effective January 10, 1973 thru April 30, 1973. Mrs. Peterson is budgeted at an annual salary rate of \$14,400 payable from Medical Computing Resources Center budget. (RBC No. 211)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS HEALTH SCIENCE CENTER - continuedExtension-Postgraduate Program

6. Transfer funds in the amount of \$11,666.64 from Unallocated Faculty Salaries, Account 207000, to Extension-Postgraduate Program, Account 214001, and appoint George J. Race (tenure), Associate Dean for Continuing Education and Professor of Pathology, effective January 1, 1973, at an annual salary rate of \$35,000 payable as follows: \$17,500 from Extension-Postgraduate Program budget and \$17,500 from Baylor University Medical Center. (RBC No. 223)

DALLAS MEDICAL SCHOOLAnesthesiology

1. Accept the resignation of Adolph H. Giesecke, Jr. (tenure), Professor, effective December 31, 1972. Dr. Giesecke is budgeted at an annual salary rate of \$32,000 payable as follows: \$16,000 from Anesthesiology budget and \$16,000 from Parkland Memorial Hospital. (RBC No. 174)

Biochemistry

2. Transfer funds in the amount of \$1,666.64 from Unallocated Faculty Salaries, Account 207000, to Biochemistry Teaching Salaries, Account 204300, and change the source of salary of John M. Johnston (tenure), Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$28,325 payable \$25,825 from Biochemistry budget and \$2,500 from USPHS 2 R01 AM-03108,

To: An annual salary rate of \$28,325 payable from Biochemistry budget. (RBC No. 203)

3. Appoint Diether Weikhard Polheim (non-tenure), Visiting Assistant Professor, effective January 1, 1973, at an annual salary rate of \$11,100 payable from USPHS 5 R01 AM-03108. (RBC No. 244)

4. Transfer funds in the amount of \$7,000 from Unallocated Faculty Salaries, Account 207000, to Biochemistry Teaching Salaries, Account 204300, and change the source of salary of Michael R. Waterman (non-tenure), Assistant Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$16,500 payable \$6,000 from Biochemistry budget and \$10,500 from USPHS 5 P11 GM-16488,

To: An annual salary rate of \$16,500 payable from Biochemistry budget. (RBC No. 205)

5. Transfer funds in the amount of \$3,666.64 from Unallocated Faculty Salaries, Account 207000, to Biochemistry Teaching Salaries, Account 204300, and change the source of salary of Luean E. Anthony (non-tenure), Instructor, effective January 1, 1973, as follows:

From: An annual salary rate of \$12,000 payable \$1,000 from Biochemistry budget, \$5,500 from USPHS 5 P11 GM-16488 and \$5,500 from Dallas Allied Health Sciences School, Nutrition and Dietetics budget,

To: An annual salary rate of \$12,000 payable \$6,500 from Biochemistry budget and \$5,500 from Dallas Allied Health Sciences School, Nutrition and Dietetics budget. (RBC No. 207)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedBiochemistry - continued

6. Transfer funds in the amount of \$8,400.00 from Unallocated Faculty Salaries, Account 207000, to Biochemistry Teaching Salaries, Account 204300, and change the source of salary of Russell Prough (non-tenure), Instructor, effective January 1, 1973, as follows:

From: An annual salary rate of \$12,600 payable from  
USPHS 5 P11 GM-16488,  
To: An annual salary rate of \$12,600 payable from  
Biochemistry budget. (RBC No. 204)

7. Transfer funds in the amount \$5,333.36 from Unallocated Faculty Salaries, Account 207000, to Biochemistry Teaching Salaries, Account 204300, and change the status of Carolyn Walker (non-tenure), effective January 1, 1973, as follows:

From: Teaching Associate at an annual salary rate of \$8,000  
payable from American Cancer Society BC-26D,  
To: Teaching Assistant at an annual salary rate of \$8,000  
payable from Biochemistry budget. (RBC No. 206)

Cell Biology

8. Transfer funds in the amount of \$10,666.64 from Unallocated Faculty Salaries, Account 207000, to Cell Biology Teaching Salaries, Account 204000, and change the source of salary of Peter M. Andrews (non-tenure), Assistant Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$16,000 payable from  
USPHS 5 E03 PE-00174,  
To: An annual salary rate of \$16,000 payable from  
Cell Biology budget. (RBC No. 176)

Internal Medicine

9. Transfer funds in the amount of \$666.64 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Jay P. Sanford (tenure), Professor of Internal Medicine and Dallas Allied Health Sciences School and MEND Coordinator, effective January 1, 1973, as follows:

From: An annual salary rate of \$32,000 payable \$21,000 from  
Internal Medicine budget, \$2,000 from Faculty Gifts  
to Pathology, \$3,500 from Southwestern Medical  
Foundation, \$1,000 from USPHS 5 R01 AI-10388, and  
\$4,500 from USPHS 5 T01 AI-00030,  
To: An annual salary rate of \$32,000 payable \$22,000 from  
Internal Medicine budget, \$2,000 from Faculty Gifts to  
Pathology, \$3,500 from Southwestern Medical Foundation,  
and \$4,500 from USPHS 5 T01 AI-00030. (RBC No. 183)

10. Transfer funds in the amount of \$3,333.36 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Jere H. Mitchell (tenure), Professor of Internal Medicine and Physiology, effective January 1, 1973, as follows:

From: An annual salary rate of \$34,000 payable \$29,000 from  
Internal Medicine budget and \$5,000 from USPHS 5 P01  
HE-06296,  
To: An annual salary rate of \$34,000 payable from  
Internal Medicine budget. (RBC No. 187)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedInternal Medicine - continued

11. Transfer funds in the amount of \$12,133.36 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Norman W. Carter (tenure), Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$33,500 payable \$13,300 from Internal Medicine budget, \$2,000 from USPHS 5 EO3 PE-00174, \$8,500 from USPHS 5 PO1 HE-11662 and \$9,700 from USPHS 5 TO1 HE-05469,

To: An annual salary rate of \$33,500 payable \$31,500 from Internal Medicine budget and \$2,000 from USPHS 5 EO3 PE-00174. (RBC No. 181)

12. Transfer funds in the amount of \$4,400 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of John M. Dietschy (tenure), Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$34,000 payable \$10,000 from Internal Medicine budget, \$9,000 from USPHS 5 TO1 AM-05490, \$12,000 from USPHS 5 RO1 HE-09610 and \$3,000 from USPHS 1 RO1 AM-16386,

To: An annual salary rate of \$34,000 payable \$16,600 from Internal Medicine budget, \$9,000 from USPHS 5 TO1 AM-05490, \$5,400 from USPHS 5 RO1 HE-09610 and \$3,000 from USPHS 1 RO1 AM-16386. (RBC No. 185)

13. Appoint George A. Edwards (non-tenure), Professor of Internal Medicine, effective January 1, 1973, at an annual salary rate of \$40,500 payable \$4,500 from USPHS 5 EO3 PE-00174 and \$36,000 direct by Veterans Administration Hospital. (RBC No. 232)

14. Transfer funds in the amount of \$4,666.64 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of John S. Fordtran (tenure), Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$32,000 payable \$22,000 from Internal Medicine budget and \$10,000 from USPHS 5 RO1 AM-06506,

To: An annual salary rate of \$32,000 payable \$29,000 from Internal Medicine budget and \$3,000 from USPHS 5 RO1 AM-06506. (RBC No. 184)

15. Change the status of Eugene P. Frenkel (tenure), at an annual salary rate of \$33,000 payable \$18,900 from Internal Medicine budget, \$6,600 from USPHS 69-40, and \$7,500 from USPHS 2 T12 CA-08062, effective February 1, 1973, as follows:

From: Professor of Internal Medicine,

To: Professor of Internal Medicine and Radiology, with no change in salary. (RBC No. 241)

16. Transfer funds in the amount of \$5,166.64 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Norman M. Kaplan (tenure), Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$33,000 payable \$25,250 from Internal Medicine budget and \$7,750 from USPHS 5 TO1 AM-05028,

To: An annual salary rate of \$33,000 payable from Internal Medicine budget. (RBC No. 186)



## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedInternal Medicine - continued

17. Transfer funds in the amount of \$13,029.36 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Floyd C. Rector, Jr. (tenure), Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$33,000 payable \$13,456 from Internal Medicine budget, \$9,599 from USPHS 5 P01 HE-11662 and \$9,945 from USPHS 5 T01 HE-05469,

To: An annual salary rate of \$33,000 payable from Internal Medicine budget. (RBC No. 182)

18. Transfer funds in the amount of \$3,333.36 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Morris Ziff (tenure), Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$33,000 payable \$3,000 from Internal Medicine budget, \$25,000 from USPHS 5 K6 AM-14155 and \$5,000 from North Texas Arthritis Foundation,

To: An annual salary rate of \$33,000 payable \$8,000 from Internal Medicine budget and \$25,000 from USPHS 5 K6 AM-14155. (RBC No. 222)

19. Transfer funds in the amount of \$1,333.36 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Carl Gunnar Blomqvist (tenure), Associate Professor of Internal Medicine and Physiology, effective January 1, 1973, as follows:

From: An annual salary rate of \$28,000 payable \$16,000 direct by the American Heart Association, \$4,500 from Physiology budget, \$5,500 from USPHS 5 E03 PE-00174 and \$2,000 from USPHS 2 P01 HL-06296,

To: An annual salary rate of \$28,000 payable \$16,000 direct by the American Heart Association, \$4,500 from Physiology budget, \$5,500 from USPHS 5 E03 PE-00174, and \$2,000 from Internal Medicine budget. (RBC No. 179)

20. Change the source of salary of Hugo E. Jasin (tenure), Associate Professor, for the period January 1, 1973 thru August 31, 1973, as follows:

From: An annual salary rate of \$28,500 payable \$10,000 from Internal Medicine budget and \$18,500 from North Texas Chapter Arthritis Foundation,

To: An annual salary rate of \$28,500 payable \$3,500 from Internal Medicine budget and \$25,000 from USPHS 1 K04 AM-70297. (RBC No. 235)

21. Transfer funds in the amount of \$10,400 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Juha P. Kokko (tenure), Associate Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$27,000 payable \$11,400 from Internal Medicine budget, \$8,600 from USPHS 5 P01 HE-11662, and \$7,000 from USPHS 5 T01 HE-05469,

To: An annual salary rate of \$27,000 payable from Internal Medicine budget. (RBC No. 180)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedInternal Medicine - continued

22. Transfer funds in the amount of \$3,750 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Lawrence D. Horwitz (non-tenure), Assistant Professor, effective January 1, 1973, as follows:

- From: An annual salary rate of \$23,000 payable \$11,000 from Internal Medicine budget, \$6,375 from USPHS 5 E03 PE-00174 and \$5,625 from USPHS 2 P01 HL-06296,  
 To: An annual salary rate of \$23,000 payable \$16,625 from Internal Medicine budget and \$6,375 from USPHS 5 E03 PE-00174. (RBC No. 189)

23. Transfer funds in the amount of \$5,000 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Alan R. Hull (non-tenure), Assistant Professor, 80%, effective January 1, 1973, as follows:

- From: An annual salary rate of \$25,000 payable \$2,000 from USPHS 5 P01 HE-11662, \$7,500 from USPHS 5 T01 HE-05469, \$4,500 from Kidney Transplantation Unit budget and \$6,000 from USPHS 72-2531,  
 To: An annual salary rate of \$25,000 payable \$7,500 from Internal Medicine budget, \$2,000 from USPHS 5 P01 HE-11662, \$4,500 from Kidney Transplantation Unit budget and \$6,000 from USPHS 72-2531. (RBC No. 178)

24. Transfer funds in the amount of \$11,778 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of Robert Lee Johnson (non-tenure), Assistant Professor, effective January 1, 1973, as follows:

- From: An annual salary rate of \$20,000 payable \$2,000 from Internal Medicine budget, \$333 from Merck Faculty Development Award and \$17,667 from North Texas Chapter Arthritis Foundation,  
 To: An annual salary rate of \$20,000 payable \$19,667 from Internal Medicine budget and \$333 from Merck Faculty Development Award. (RBC No. 221)

25. Change the source of salary of David C. Kem (non-tenure), Assistant Professor, for the period December 1, 1972 thru May 31, 1973, as follows:

- From: An annual salary rate of \$24,000 payable from Internal Medicine budget,  
 To: An annual salary rate of \$24,000 payable \$14,000 from Internal Medicine budget and \$10,000 from USPHS 1 A15 PE-00034.

Dr. Kem's salary will revert to original budgeted source on June 1, 1973. (RBC No. 173)

26. Transfer funds in the amount of \$4,666.64 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and change the source of salary of James P. Luby (non-tenure), Assistant Professor, effective January 1, 1973, as follows:

- From: An annual salary rate of \$24,500 payable \$17,500 from Internal Medicine budget and \$7,000 payable from USPHS 5 T01 AI-00030,  
 To: An annual salary rate of \$24,500 payable from Internal Medicine budget. (RBC No. 188)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedInternal Medicine - continued

27. Change the status of Philip Raskin (non-tenure), effective January 1, 1973, as follows:

From: Instructor at an annual salary rate of \$18,000 payable \$11,000 from USPHS 5 T01 CA-05200 and \$7,000 from Various Donors,  
To: Instructor, Unpaid Faculty Status. (RBC No. 225)

28. Transfer funds in the amount of \$6,960 from Unallocated Faculty Salaries, Account 207000, to Internal Medicine Teaching Salaries, Account 204500, and reappoint Mary Jo Harrod (non-tenure), Teaching Associate, effective January 1, 1973, at an annual salary rate of \$10,440 payable from Internal Medicine budget. (RBC No. 246)

Microbiology

29. Terminate S. Edward Sulkin (tenure), Professor, effective December 21, 1972, date of his death. Dr. Sulkin was budgeted at an annual salary rate of \$33,300 payable as follows: \$27,250 from Microbiology budget and \$6,050 from USPHS 5 E03 PE-00174. (RBC No. 214)

30. Transfer funds in the amount of \$7,583.31 from Unallocated Faculty Salaries, Account 207000, to Microbiology Teaching Salaries, Account 204700, and change the source of salary of Mary Irma Boesman (non-tenure), Assistant Professor, effective February 1, 1973, as follows:

From: An annual salary rate of \$18,000 payable \$5,000 from Microbiology budget and \$13,000 from USPHS 5 E03 PE-00174,  
To: An annual salary rate of \$18,000 payable from Microbiology budget. (RBC No. 251)

31. Transfer funds in the amount of \$9,916.69 from Unallocated Faculty Salaries, Account 207000, to Microbiology Teaching Salaries, Account 204700, and change the source of salary of Kathryn Voelker Holmes (non-tenure), Assistant Professor, effective February 1, 1973, as follows:

From: An annual salary rate of \$17,000 payable from USPHS 5 E03 PE-00174,  
To: An annual salary rate of \$17,000 payable from Microbiology budget. (RBC No. 250)

32. Transfer funds in the amount of \$5,333.36 from Unallocated Faculty Salaries, Account 207000, to Microbiology Teaching Salaries, Account 204700, and appoint Sarah A. Goodman (non-tenure), Teaching Assistant, effective January 1, 1973, at an annual salary rate of \$8,000 payable from Microbiology budget. (RBC No. 202)

Obstetrics and Gynecology

33. Transfer funds in the amount of \$21,333.36 from Unallocated Faculty Salaries, Account 207000, to Obstetrics and Gynecology Teaching Salaries, Account 205100, and change the status of John C. Porter (tenure), effective January 1, 1973, as follows:

From: Professor of Physiology at an annual salary rate of \$30,500 payable \$27,500 from Physiology budget and \$3,000 from Population Council,  
To: Professor of Physiology and Obstetrics and Gynecology at an annual salary rate of \$32,000 payable from Obstetrics and Gynecology budget. (RBC No. 213)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedObstetrics and Gynecology - continued

34. Transfer funds in the amount of \$2,666.64 from Unallocated Faculty Salaries, Account [REDACTED], to Obstetrics and Gynecology Teaching Salaries, Account [REDACTED], and change the source of salary of Jack A. Pritchard (tenure), Gillette Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$35,000 payable \$28,000 from Obstetrics and Gynecology budget, \$3,000 from Gillette Professorship and \$4,000 from USPHS 06-H-000-74,  
 To: An annual salary rate of \$35,000 payable \$32,000 from Obstetrics and Gynecology budget and \$3,000 from Gillette Professorship. (RBC No. 215)

35. Transfer funds in the amount of \$7,733.36 from Unallocated Faculty Salaries, Account [REDACTED], to Obstetrics and Gynecology Teaching Salaries, Account [REDACTED], and change the source of salary of Pentti K. Siiteri (tenure), Professor of Obstetrics and Gynecology and Biochemistry, effective January 1, 1973, as follows:

From: An annual salary rate of \$28,100 payable \$11,500 from Obstetrics and Gynecology budget, \$5,000 from Biochemistry budget and \$11,600 from USPHS R01 HD-00107,  
 To: An annual salary rate of \$28,100 payable \$23,100 from Obstetrics and Gynecology budget and \$5,000 from Biochemistry budget. (RBC No. 210)

36. Transfer funds in the amount of \$12,066.64 from Unallocated Faculty Salaries, Account [REDACTED], to Obstetrics and Gynecology Teaching Salaries, Account [REDACTED], and change the source of salary of Frances G. Martin (non-tenure), Assistant Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$19,000 payable \$900 from Obstetrics and Gynecology budget and \$18,100 from USPHS 06-H-000-074,  
 To: An annual salary rate of \$19,000 payable from Obstetrics and Gynecology budget. (RBC No. 209)

37. Transfer funds in the amount of \$9,866.64 from Unallocated Faculty Salaries, Account [REDACTED], to Obstetrics and Gynecology Teaching Salaries, Account [REDACTED], and change the source of salary of Barbara E. Cambridge (non-tenure), Instructor in Sociology, effective January 1, 1973, as follows:

From: An annual salary rate of \$14,800 payable from USPHS 06-H-000-074,  
 To: An annual salary rate of \$14,800 payable from Obstetrics and Gynecology budget. (RBC No. 208)

38. Transfer funds in the amount of \$1,800 from Unallocated Faculty Salaries, Account [REDACTED], to Obstetrics and Gynecology Teaching Salaries, Account [REDACTED], and change the status of Richard Cunningham (non-tenure), for the period January 1, 1973 thru June 30, 1973, as follows:

From: Assistant, 25%, at an annual salary rate of \$14,400 payable from Departmental Trust Fund,  
 To: Teaching Assistant, 25%, at an annual salary rate of \$14,400 payable from Obstetrics and Gynecology budget. (RBC No. 217)

39. Change the status of John B. Miller III (non-tenure), effective January 1, 1973 thru June 30, 1973, from Research Fellow (16%) at an annual salary rate of \$10,000 payable from USPHS 06-H-000-074, to Teaching Assistant (25%) at an annual salary rate of \$14,400 payable from Obstetrics and Gynecology budget. (RBC No. 196)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedObstetrics and Gynecology - continued

40. Transfer funds in the amount of \$1,800 from Unallocated Faculty Salaries, Account ~~000000~~, to Obstetrics and Gynecology Teaching Salaries, Account ~~000000~~, and change the status of Robert C. Newman (non-tenure), for the period January 1, 1973 thru June 30, 1973, as follows:

From: Assistant, 25%, at an annual salary rate of \$14,400 payable from Departmental Trust Fund,  
To: Teaching Assistant, 25%, at an annual salary rate of \$14,400 payable from Obstetrics and Gynecology budget. (RBC No. 219)

41. Transfer funds in the amount of \$1,800 from Unallocated Faculty Salaries, Account ~~000000~~, to Obstetrics and Gynecology Teaching Salaries, Account ~~000000~~, and change the status of Lionel Reiman (non-tenure), for the period January 1, 1973 thru June 30, 1973, as follows:

From: Assistant, 25%, at an annual salary rate of \$14,400 payable from Departmental Trust Fund,  
To: Teaching Assistant, 25%, at an annual salary rate of \$14,400 payable from Obstetrics and Gynecology budget. (RBC No. 218)

42. Transfer funds in the amount of \$1,800 from Unallocated Faculty Salaries, Account ~~000000~~, to Obstetrics and Gynecology Teaching Salaries, Account ~~000000~~, and change the status of Barry Schwarz (non-tenure), for the period January 1, 1973 thru June 30, 1973, as follows:

From: Assistant, 25%, at an annual salary rate of \$14,400 payable from USPHS 06-H-000-074,  
To: Teaching Assistant, 25%, at an annual salary rate of \$14,400 payable from Obstetrics and Gynecology budget. (RBC No. 216)

43. Appoint Carla Dowben, Clinic Coordinator, effective January 1, 1973, at an annual salary rate of \$15,000 payable from USPHS 06-H-000-074. (RBC No. 226)

Ophthalmology

44. Transfer funds in the amount of \$13,333.36 from Unallocated Faculty Salaries, Account ~~000000~~, to Ophthalmology Teaching Salaries, Account ~~000000~~, and change the source of salary of John R. Welch (non-tenure), Instructor, effective January 1, 1973, as follows:

From: An annual salary rate of \$20,000 payable from USPHS 5 E03 PE-00174,  
To: An annual salary rate of \$20,000 payable from Ophthalmology budget. (RBC No. 177)

Pathology

45. Transfer funds in the amount of \$4,838.75 from Unallocated Faculty Salaries, Account ~~000000~~, to Pathology Teaching Salaries, Account ~~000000~~, and appoint William A. Meissner (non-tenure), Visiting Professor of Pathology, at an annual salary rate of \$30,000 payable from Pathology budget. (RBC No. 247)

46. Change the status of Rolland C. Reynolds (tenure), effective September 1, 1972, as follows:

From: Professor of Pathology,  
To: Professor of Pathology and Professor of Health Care Sciences, with no change in salary.

Dr. Reynolds is budgeted at an annual salary rate of \$32,000 payable \$25,000 from Pathology budget, \$4,300 from Parkland Memorial Hospital and \$2,700 from Dallas Allied Health Sciences School, Administration budget. (RBC No. 228)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedPathology - continued

47. Change the status and increase the annual salary rate of Joseph S. Paul, effective January 1, 1973, as follows:

From: Research Associate Professor (non-tenure), at an annual salary rate of \$23,900 payable \$23,000 from USPHS 5 K04 CA 23087 and \$900 from Mr. and Mrs. J. Thomsen Fund,  
 To: Associate Professor (non-tenure), at an annual salary rate of \$25,400 payable \$24,500 from USPHS 5 K04 CA 23087 and \$900 from Mr. and Mrs. J. Thomsen Fund. (RBC No. 224)

48. Change the status of Arthur G. Weinberg (non-tenure), effective September 1, 1972, as follows:

From: Assistant Professor of Pathology and Pediatrics,  
 To: Assistant Professor of Pathology and Pediatrics and Assistant Professor of Medical Technology, with no change in salary.

Dr. Weinberg is budgeted at an annual salary rate of \$24,000 payable \$21,000 from Children's Medical Center, \$2,000 from Parkland Memorial Hospital and \$1,000 from Dallas Allied Health Sciences School, Medical Technology budget. (RBC No. 227)

49. Change the status of Robert S. Putnam (non-tenure), effective September 1, 1972, as follows:

From: Assistant Professor of Pathology,  
 To: Assistant Professor of Pathology and Assistant Professor of Medical Technology, with no change in salary.

Dr. Putnam is budgeted at an annual salary rate of \$24,000 payable \$16,000 from Pathology budget, \$3,000 from Parkland Memorial Hospital and \$5,000 from Dallas Allied Health Sciences School. (RBC No. 229)

Pediatrics

50. Change the source of salary of Chester W. Fink (tenure), Professor, effective January 14, 1973 thru February 24, 1973, as follows:

From: An annual salary rate of \$30,000 payable from Pediatrics budget,  
 To: An annual salary rate of \$30,000 payable from American Medical Association contract.

Dr. Fink's salary will revert to original budgeted source on February 25, 1973. (RBC No. 201)

51. Change the source of salary of William W. Miller (tenure), Associate Professor, for the period January 1, 1973 thru June 30, 1973, as follows:

From: An annual salary rate of \$28,000 payable from Pediatrics budget,  
 To: An annual salary rate of \$28,000 payable \$18,000 from Pediatrics budget and \$10,000 from USPHS 1 A15 PE 00034.

Dr. Miller's salary will revert to original budgeted source on July 1, 1973. (RBC No. 231)

52. Change the source of salary of Peggy Sartain (non-tenure), Assistant Professor, for the period January 1, 1973 thru June 30, 1973, as follows:

From: An annual salary rate of \$20,000 payable from Pediatrics budget,  
 To: An annual salary rate of \$20,000 payable \$10,000 from Pediatrics budget and \$10,000 from USPHS 1 A15 PE-00034.

Dr. Sartain's salary will revert to original budgeted source on July 1, 1973. (RBC No. 234)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedPhysical Medicine and Rehabilitation

53. Transfer funds in the amount of \$5,937.52 from Unallocated Faculty Salaries, Account 207000, as follows: \$5,436.42 to Physical Medicine and Rehabilitation budget, Account 205900, \$501.10 to Dallas Allied Health Sciences School, Rehabilitation Science budget, Account 251000, and reappoint Peggy J. Moore (non-tenure), Instructor, for the period January 16, 1973 thru January 31, 1973 at an annual salary rate of \$10,300 payable \$8,200 from Physical Medicine and Rehabilitation budget, \$800 from Dallas Allied Health Sciences School, Rehabilitation Science budget, and \$1,300 from USPHS 44-P-30064 and increase her salary effective February 1, 1973, as follows:

From: An annual salary rate of \$10,300 payable \$8,200 from Physical Medicine and Rehabilitation budget, \$800 from Dallas Allied Health Sciences School, Rehabilitation Science budget and \$1,300 from USPHS 44-P-30064,

To: An annual salary rate of \$10,815 payable \$8,715 from Physical Medicine and Rehabilitation budget, \$800 from Dallas Allied Health Sciences School, Rehabilitation Science budget and \$1,300 from USPHS 44-P-30064.  
(RBC No. 245)

54. Reappoint Nancy S. Preston (non-tenure), Instructor in Vocational Rehabilitation and School of Allied Health Sciences, for the period October 23, 1972 thru November 5, 1972, at an annual salary rate of \$10,815, payable as follows: \$8,715 from Physical Medicine and Rehabilitation budget, \$800 from Dallas Allied Health Sciences School, Rehabilitation Science budget, and \$1,300 from USPHS 44-P-3006416, and accept the resignation of Mrs. Preston effective November 5, 1972. Mrs. Preston was previously granted leave of absence without pay for the period September 1, 1972 thru January 14, 1973 (RBC No. 236)

Physiology

55. Increase the annual salary rate of H. Fred Downey (non-tenure), Assistant Professor, effective January 1, 1973, as follows:

From: \$15,500 payable \$8,230 from USPHS 5 T01 HL-05396 and \$7,270 from Methodist Hospital,

To: \$16,275 payable \$8,230 from USPHS 5 T01 HL-05396 and \$8,045 from Methodist Hospital. (RBC No. 230)

56. Appoint David A. Monner (non-tenure), Instructor, effective January 1, 1973, at an annual salary rate of \$12,000 payable \$6,000 from Physiology budget and \$6,000 from National Science Foundation. (RBC No. 243)

Psychiatry

57. Appoint William T. Skinner (non-tenure), Clinical Instructor, 24%, effective February 1, 1973, at an annual salary rate of \$20,000 payable from Terrell State Hospital Interagency Contract. (RBC No. 242)

58. Change the status and increase the salary of Douglas E. Fossler, effective March 1, 1973, as follows:

From: Research Technician I at an annual salary rate of \$5,628 payable from USPHS 1 R01 NS-10046,

To: Research Technician II at an annual salary rate of \$7,944 payable \$5,628 from USPHS 1 R01 NS-10046 and \$2,316 from USPHS 5 S01 RR-05426. (RBC No. 259)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedRadiology

59. Change the status of William J. Kilman (non-tenure), effective February 1, 1973, as follows:

From: Assistant Professor,

To: Associate Professor, with no change in salary.

Dr. Kilman is budgeted at an annual salary rate of \$25,000 payable from Parkland Memorial Hospital. (RBC No. 240)

60. Change the status of James E. Nunnally (non-tenure), effective February 1, 1973, as follows:

From: Assistant Professor,

To: Associate Professor, with no change in salary.

Dr. Nunnally is budgeted at an annual salary rate of \$17,500 payable \$16,500 from Radiology budget and \$1,000 from Parkland Memorial Hospital. (RBC No. 239)

61. Transfer funds in the amount of \$3,338.70 from Unallocated Faculty Salaries, Account 207000, to Radiology Teaching Salaries, Account 206300, and reappoint Robert A. Johnson (non-tenure), Instructor, 100%, at an annual salary rate of \$18,000 payable from Radiology budget, for the period January 1, 1973 thru January 14, 1973. Change Dr. Johnson's status for the period January 15, 1973 thru April 30, 1973 to Clinical Instructor, 50%, at an annual salary rate of \$18,000 payable from Radiology budget. (RBC No. 238)

62. Transfer funds in the amount of \$10,000 from Unallocated Faculty Salaries, Account 207000, to Radiology Teaching Salaries, Account 206300, and appoint Ernest M. Stokely (non-tenure), Instructor, at an annual salary rate of \$18,000 payable \$15,000 from Radiology budget and \$3,000 from Parkland Memorial Hospital. (RBC No. 220)

Surgery

63. Transfer funds in the amount of \$2,666.64 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and change the source of salary of Malcolm O. Perry (tenure), Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$26,000 payable \$22,000 from Surgery budget and \$4,000 from Faculty Gifts for Surgery,

To: An annual salary rate of \$26,000 payable from Surgery budget. (RBC No. 191)

64. Transfer funds in the amount of \$5,333.36 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and change the source of salary of Barbara A. Minshew (non-tenure), Assistant Professor of Surgery and Microbiology, effective January 1, 1973, as follows:

From: An annual salary rate of \$17,000 payable \$1,000 from Surgery budget and \$16,000 from USPHS 5 E03 PE-00174,

To: An annual salary rate of \$17,000 payable \$9,000 from Surgery budget and \$8,000 from USPHS 5 E03 PE-00174. (RBC No. 195)

65. Transfer funds in the amount of \$15,000 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and change the source of salary of Charles D. Coln (non-tenure), Assistant Professor of Surgery and Chairman of Pediatric Surgery, effective January 1, 1973, as follows:

From: An annual salary rate of \$22,500 payable \$15,000 from USPHS 5 E03 PE-00174 and \$7,500 from Faculty Gifts for Surgery,

To: An annual salary rate of \$22,500 payable from Surgery budget. (RBC No. 193)



## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedSurgery - continued

66. Transfer funds in the amount of \$15,960.64 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and change the source of salary of William H. Snyder III (non-tenure), Assistant Professor, effective January 1, 1973, as follows:

From: An annual salary rate of \$23,941 payable \$12,000 from USPHS 5 E03 PE-00174 and \$11,941 from Faculty Gifts for Surgery,

To: An annual salary rate of \$23,941 payable from Surgery budget. (RBC No. 190)

67. Transfer funds in the amount of \$4,621.36 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and change the source of salary of Erwin R. Thal (non-tenure), Assistant Professor of Surgery, effective January 1, 1973, as follows:

From: An annual salary rate of \$23,582 payable \$14,150 from Surgery budget, \$6,932 from Faculty Gifts for Surgery and \$2,500 from USPHS 5 E03 PE-00174,

To: An annual salary rate of \$23,582 payable \$21,082 from Surgery budget and \$2,500 from USPHS 5 E03 PE-00174. (RBC No. 198)

68. Reappoint Bruce N. Epker (non-tenure), Assistant Professor of Oral Surgery, 7%, effective January 1, 1973, at an annual salary rate of \$17,500 payable from Surgery Departmental Trust Fund. (RBC No. 249)

69. Transfer funds in the amount of \$12,000 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and change the source of salary of John T. Watson (non-tenure), Instructor in Thoracic and Cardiovascular Surgery and Physiology, effective January 1, 1973, as follows:

From: An annual salary rate of \$18,000 payable from USPHS 5 E03 PE-00174,

To: An annual salary rate of \$18,000 payable from Surgery budget. (RBC No. 194)

70. Transfer funds in the amount of \$10,000 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and change the source of salary of Hana Illner (non-tenure), Instructor, effective January 1, 1973, as follows:

From: An annual salary rate of \$15,000 payable from USPHS 5 R01 GM-05428,

To: An annual salary rate of \$15,000 payable from Surgery budget. (RBC No. 192)

71. Transfer funds in the amount of \$3,200 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and appoint Duane S. Bietz (non-tenure), Visiting Instructor, effective January 1, 1973, at an annual salary rate of \$4,800 payable from Surgery budget. Dr. Bietz also receives a direct NIH Fellowship in the amount of \$15,000. (RBC No. 233)

72. Transfer funds in the amount of \$3,750 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and change the status of Ronald L. Holliday (non-tenure), for the period January 1, 1973 thru June 30, 1973, as follows:

From: Research Instructor, at an annual salary rate of \$7,500 payable from USPHS 5 E03 PE-00174,

To: Visiting Instructor, at an annual salary rate of \$7,500 payable from Surgery budget. (RBC No. 200)

## AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedSurgery - continued

73. Transfer funds in the amount of \$2,499.96 from Unallocated Faculty Salaries, Account 207000, to Surgery Teaching Salaries, Account 206400, and change the status of James L. Nelson (non-tenure), for the period January 1, 1973 thru June 30, 1973, as follows:

From: Research Instructor, at an annual salary rate of \$5,000 payable from USPHS 5 EO3 PE-00174,  
 To: Visiting Instructor, at an annual salary rate of \$5,000 payable from Surgery budget. (RBC No. 199)

74. Change the source of salary of James Louis Nelson (non-tenure) Visiting Instructor, for the period February 1, 1973 thru June 30, 1973, as follows:

From: An annual salary rate of \$5,000 payable from Surgery budget,  
 To: An annual salary rate of \$5,000 payable from USPHS 2 PO1 GM-14892. (RBC No. 248)

Medical Art and Visual Education

75. Transfer funds in the amount of \$7,583.31 from Unallocated Faculty Salaries, Account 207000, to Medical Art and Visual Education Teaching Salaries, Account 206700, and appoint Joan Godlove (non-tenure), Instructor, effective February 1, 1973 at an annual salary rate of \$13,000 payable from Medical Art and Visual Education budget. (RBC No. 257)

DALLAS ALLIED HEALTH SCIENCES SCHOOL

1. Change the source of salary of Frances F. Price (non-tenure), Assistant Professor of Rehabilitation Science, effective January 1, 1973, at an annual salary rate of \$16,000, payable as follows:

From: \$3,200 from Nutrition and Dietetics budget, \$3,906 from Rehabilitation Science budget and \$8,894 from USPHS 1-001 AH 50632,  
 To: For the period January 1, 1973 thru June 30, 1973 \$11,004 from USPHS 1-001 AH 50632 and \$4,996 from USPHS 1 A15 PE 00034,  
 To: For the period July 1, 1973 thru August 31, 1973 \$8,000 from Nutrition and Dietetics budget and \$8,000 from Rehabilitation Science budget. (RBC No. 172)

2. Reappoint Robert Edward Thomas (non-tenure), Adjunct Associate Professor, effective January 1, 1973, at an annual salary rate of \$16,000 payable from USPHS 44-P-30159/6 and increase Mr. Thomas' percentage of time from 47% to 80%. (RBC No. 175)

## THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

GALVESTON, TEXAS

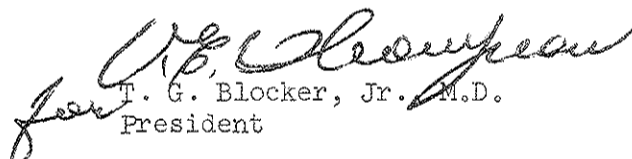
March 29, 1973

Dr. Charles A. LeMaistre  
Chancellor  
The University of Texas System  
601 Colorado  
Austin, Texas

Dear Dr. LeMaistre:

Attached is The University of Texas Medical Branch at Galveston's Docket, consisting of twenty-five (25) pages, for your approval and presentation to the Board of Regents at its meeting on April 24, 1973.

Sincerely yours,

  
for T. G. Blocker, Jr. M.D.  
President

TGBjr:mm  
attachment

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONINSTITUTIONAL DOCKETBOARD OF REGENTS' MEETING APRIL 24, 1973

F

APPOINTMENTS AND CHANGE OF STATUS OF MEMBERSHIPS ON THE MEDICAL STAFF OF THE UNIVERSITY OF TEXAS MEDICAL BRANCH HOSPITALS AT GALVESTON: Upon the recommendation of the Executive Committee of the Medical Staff, approval of the following recommendations is respectfully requested:

1. Appoint Bohdan John Jarem, M.D., Instructor, Department of Anesthesiology, to Full Time, Attending Membership on the Medical Staff with private patient privileges.
2. Appoint Joseph Cornell DeWitt, M.D., Assistant Professor, Department of Preventive Medicine and Community Health, to Full Time, Attending Membership on the Medical Staff with private patient privileges.
3. Appoint Donald L. Hall, M.D., Clinical Instructor, Department of Ophthalmology, to Part Time Courtesy Membership on the Medical Staff without private patient privileges.
4. Change the staff status of John T. O'Neal, M.D., Assistant Professor, Department of Surgery, Division of Neurosurgery, from Assistant Attending Membership on the Medical Staff to Attending Membership on the Medical Staff with private patient privileges. Dr. O'Neal has been issued his Texas license.

F

NOMINATION FOR MEMBERSHIP IN THE GRADUATE FACULTY AT THE UNIVERSITY OF TEXAS GRADUATE SCHOOL OF BIOMEDICAL SCIENCES AT GALVESTON: In compliance with Part I, Chapter V, Section 6.1 of the Rules and Regulations of the Board of Regents of The University of Texas System, approval is requested for the following named faculty member, who has been certified by the appropriate committee on Graduate Studies, approved by the Executive Committee of the Graduate Faculty, the President and the Chancellor for membership in the Graduate Faculty at The University of Texas Graduate School of Biomedical Sciences at Galveston:

Landon Clarke Stout, Jr., M.D., Associate Professor, Department of Pathology

ADDITION TO THE 1972-73 and 1973-74 PERSONNEL PAY PLANS: I recommend approval of the addition of the following position to the 1972-73 Personnel Pay Plan, effective February 1, 1973, and to include this position in the 1973-74 Personnel Pay Plan:

41

Code		Salary Range	
		Monthly	Annually
9143	Assistant Director of Patient Finance	\$1,175-\$1,495	\$14,100-\$17,940

TRAVEL IN EXCESS OF 29 DAYS: In compliance with Section 13:33 of Chapter III of Part II of the Rules and Regulations of the Board of Regents for the Government of The University of Texas System, I recommend approval of the following travel request:

F

1. Dr. Tosimatu Matumoto, Senior Research Investigator, Marine Biomedical Institute, to Managua, Nicaragua, for the period January 7, 1973 through February 8, 1973, to conduct a survey in the earthquake area. This travel request has been approved by Governor Preston Smith since State funds are to be used for transportation expenses and per diem expenses. Any additional expenses incurred are to be paid from other sources.

D + F

GIFTS: In compliance with Section 1, Subsection 1.3, of Chapter I of Part Two of the Rules and Regulations of the Board of Regents of The University of Texas System, I recommend approval for the acceptance of the following gifts:

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. Dr. E. W. Clawater, Jr. 1016 Clinic Drive Tyler, Texas	For the establishment of the Earl W. Clawater Lectureship in Urological Surgery.	\$ 6,000.00
2. Dr. Hamilton Ford Professor and Chairman Department of Neurology and Psychiatry The University of Texas Medical Branch Galveston, Texas	For support of the Dr. Titus H. Harris Memorial Library Fund and the restoration of "Old Red". (1) Represents the sale of 50 shares of Kerr-McGee Corporation Stock (donated by Dr. Ford) - \$3,241.54 plus Dr. Ford's personal check for \$225.00. (This is reported as an extension of a previous gift previously docketed - Board of Regents' Minutes of April 23, 1971, Item #3, Page G-2)	\$ 3,466.54 (1)
3. *Mrs. John Leddy Jones (Erin Bain Jones) P. O. Box 20695 Dallas, Texas	Funds to be used for travel and deposited in the Current Restricted Account entitled UTMB Advisory Development Council - Travel.	\$20,000.00

\*No letter of transmittal received from the donor.

D + F

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is respectfully requested for the acceptance of the following grants:

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. *Abbott Laboratories North Chicago, Illinois	For research on Evaluation of Tetrasorb II, Quantasorb I, and Quantasorb II for Liothyronine and Thyroxine Determinations. The project is directed by Dr. H. Keith Morgan, Instructor, Department of Radiology.	\$ 1,900.00
2. *Burn Treatment Skin Bank, Inc. 2430 East Washington St. Phoenix, Arizona	For support of research on "Use of Lyophilized Porcine Skin Dressings", to be directed by Dr. Nick S. Harris, Assistant Professor, Department of Surgery.	\$ 2,000.00

\*No letter of transmittal received from the donor.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) - continued

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
3. The Lilly Research Laboratories Eli Lilly and Company Indianapolis, Indiana	Grant No. 231/5224C/10 for Studies on Insulin- Induced Lipoatrophy in Juvenile Diabetes Mellitus, for the period January 1, 1973 through December 31, 1973. The project is directed by Dr. Luther B. Travis, Associate Professor, Department of Pediatrics.	\$ 4,263.00
4. The Moody Foundation 2302 Tremont Galveston, Texas	Grant No. 73-2 to assist The University of Texas Medical Branch at Galveston for the purchase of a Retinal Function Testing System for the testing and treatment of Retinal Dysfunction, for the period February 1, 1973 to January 31, 1974. The project is directed by Dr. Edward C. Ferguson, III, Professor and Chairman, Department of Ophthalmology.	\$62,165.00
5. National Fund for Medical Education 2 West 46th Street New York, N. Y.	Grant No. 100/72 - for support of a project entitled A Pro- gram to Enhance the Skills of College Advisers in Preparing Minority Students for Medical Careers, for the period July 1, 1973 to June 30, 1975. The project is directed by Dr. John G. Bruhn, Associate Dean for Community Affairs, Office of the Dean.	\$48,676.00
6. Jessie Smith Noyes Foundation, Inc. 16 East 34th Street New York, N. Y.	To provide graduate fellow- ships for students working under the direction of Dr. Maurice Ewing, Chief, Environmental Sciences, The Marine Biomedical Institute, in research related to the uses of the ocean floor.	\$ 8,000.00
7. The Upjohn Company Kalamazoo, Michigan	For continuation of a clinical evaluation of U-26- 597A Phase II-III, Protocol 105M. (Final grant payment on the second year study.) The project is directed by Dr. Robert L. Peake, Assistant Professor, Department of Internal Medicine.	\$ 95.00

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) - continued

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
8. The Upjohn Company Kalamazoo, Michigan	For research entitled "Cardiopulmonary Responses of U-33-030 in Dogs. The project is directed by Dr. Roy Wilson, Professor, Department of Anesthesiology.	\$10,637.00
9. Warren-Teed Pharmaceuticals, Inc. 582 West Goodale Street Columbus, Ohio	For research on a Comparative Study of Traditional Diet Therapy vs. Elemental Space Diets in the Treatment of Inflammatory Bowel Disease. The project is directed by Dr. Marcel Patterson, Professor, Department of Internal Medicine.	\$13,200.00
10. The Robert A. Welch Foundation 2010 Bank of the Southwest Building Houston, Texas	Renewal Grant No. H-168 for research on Oxidative Metabolism of Steroids, for the period May 1, 1973 through April 30, 1974; directed by Dr. Leland L. Smith, Professor, Department of Human Biological Chemistry and Genetics.	\$12,000.00
11. The Robert A. Welch Foundation 2010 Bank of the Southwest Building Houston, Texas	Renewal Grant No. H-380 for research on The Subclasses of Human Immunoglobulin M (IgM), for the period May 1, 1973 through April 30, 1974; directed by Dr. James P. Chen, Assistant Professor, Department of Human Biological Chemistry and Genetics.	\$12,000.00
12. The Robert A. Welch Foundation 2010 Bank of the Southwest Building Houston, Texas	Renewal Grant No. H-393 for research on The Chemical Composition of Ribonucleoproteins Associated with Nuclear Chromatin, for the period May 1, 1973 through April 30, 1975; directed by Dr. Viktor Holoubek, Associate Professor, Department of Human Biological Chemistry and Genetics.	\$24,000.00

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) - continued

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
13. The Robert A. Welch Foundation 2010 Bank of the Southwest Building Houston, Texas	Renewal Grant No. H-416 for research on Chemistry of Dinoflagellate Toxins, for the period May 1, 1973 through April 30, 1975; directed by Dr. Norman M. Trieff, Associate Professor, Department of Preventive Medicine and Community Health.	\$24,000.00
14. The Robert A. Welch Foundation 2010 Bank of the Southwest Building Houston, Texas	Renewal Grant No. H-520 for research on a Study of the Marine Geochemistry of <sup>90</sup> Sr, <sup>137</sup> Cs and <sup>226</sup> Ra, for the period May 1, 1973 through April 30, 1974; directed by Dr. A. D. Suttle, Jr., Assistant to the Director for Physical Sciences, Marine Biomedical Institute.	\$30,000.00
15. The National Foundation 1275 Mamaroneck Avenue White Plains, New York	Extends the expiration date of former Grant No. C-59 through December 31, 1973, and increases the amount by \$17,500.00, for the period January 1, 1973 through December 31, 1973, for continuation of the Birth Defects Medical Service Program. The project is directed by Dr. C. W. Daeschner, Professor and Chairman, Department of Pediatrics. (This is a revision of former Grant No. C-59 previously docketed February 7, 1973, Page G-3, Item 3, for the Board of Regents' Meeting of March 5, 1973.)	\$35,000.00



THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONFEDERAL CONTRACTS AND GRANTSBOARD OF REGENTS' MEETING APRIL 24, 1973

R B F

1. Department of Health, Education, and Welfare  
National Institutes of Health  
National Institute of Arthritis and Metabolic Diseases  
  
Research Grant No. 5 R22 AI 08260-06  
\$15,509 plus indirect costs  
March 1, 1973 through February 28, 1974  
Distribution of Brugia Malayi in Vertebrate Hosts. This project is to develop a model which will be effective in studying the interaction of lymph dwelling filaria and concurrent bacterial infection.  
Dr. Adam Ewert  
This is the sixth year of a continuing project.  
Galveston County
  
2. Department of Health, Education, and Welfare  
National Institute of Health  
National Institute of Arthritis, Metabolism, and Digestive Diseases  
  
Research Grant No. 5 R01 AM 07616-09  
May 1, 1972 through October 31, 1973  
Aldosterone Production in Adrenogenital Syndrome. This project is to study the secretion of aldosterone in patients with various types of congenital adrenal hyperplasia.  
Dr. George T. Bryan  
Extension of grant period without additional funds for six (6) additional months.  
Galveston County
  
3. Department of Health, Education, and Welfare  
National Institutes of Health  
National Heart and Lung Institute  
  
Research Grant No. 5 R01 HL 10160-08  
\$17,848 plus indirect costs  
February 1, 1973 through January 31, 1974  
Origins of Atherosclerosis. This research is to determine the relationship between the presence of oxidized cholesterol derivatives in the human aorta and the initiation and progression of atherosclerosis.  
Dr. Leland L. Smith  
This is the eighth year of a continuing project.  
Galveston County
  
4. Department of Health, Education, and Welfare  
National Institutes of Health  
National Heart and Lung Institute  
  
Modification No. 11 to Contract No. NIH-NHLI-69-2124-B  
June 28, 1969 through June 30, 1973  
Urokinase - Pulmonary Embolism Trial. This study will evaluate the effects of enzymes urokinase on pulmonary embolism.  
Dr. William J. deGroot  
Technical amendment to contract.  
Galveston County

FEDERAL CONTRACTS AND GRANTS (continued)

5. Department of Health, Education, and Welfare  
National Institutes of Health  
National Heart and Lung Institute

Supplemental Agreement No. 1 to Contract No. NIH-NHLI-72-2959-B  
June 29, 1972 through June 28, 1973

Studies in Sickle Cell Disease

Dr. M. Mason Guest, Project Director

This modification covers a technical amendment to the contract.

There is no change to the total contract award or performance period.

Galveston County

6. Department of Health, Education, and Welfare  
National Institutes of Health  
National Institute of Neurological Diseases and Stroke

Research Grant No. 5 R01 NS 07700-05

September 1, 1971 through August 31, 1973

Biochemical Nature of Action of Epinephrine

Dr. Sydney Ellis

Extension of grant period without additional funds.

Galveston County

7. Department of Health, Education, and Welfare  
National Institutes of Health  
National Institute of Neurological Diseases and Stroke

Research Grant No. 5 R01 NS 09652-03

\$14,255 plus indirect costs

February 1, 1973 through January 31, 1974

Functions of Interneurons

Dr. James E. Blankenship

This is the third grant year of a continuing project.

Galveston County

8. Department of Health, Education, and Welfare  
National Institutes of Health  
National Cancer Institute

Research Grant No. 2 R10 CA 03096-16

\$50,102 plus appropriate indirect costs

January 1, 1973 through December 31, 1973

Southwestern Cancer Chemotherapy Study Group. This is a national collaborative project to study the effect of new drugs on cancer.

Dr. William C. Levin

This is the sixteenth grant year of a continuing project.

Galveston County

9. Department of Health, Education, and Welfare  
National Institutes of Health  
National Cancer Institute

Research Grant No. 1 F02 CA 55501-01

\$1,000

October 1, 1972 through September 30, 1973

Institutional Supply Allowance to support a Graduate Research Fellowship

Dr. Richard B. Markham, Fellow

Dr. Allan L. Goldstein, Sponsor

Galveston County

FEDERAL CONTRACTS AND GRANTS (continued)

10. Department of Health, Education, and Welfare  
National Institutes of Health  
National Cancer Institute

Research Grant No. 1 R01 CA 13435-01A1  
\$20,899 plus indirect costs  
January 1, 1973 through December 31, 1973  
Effects of Therapeutic Radiation on Lymphocyte Response. The objectives of this project are to determine whether the immunologic response of human blood cells is adversely affected by radiotherapy.  
Dr. Vernon K. Jenkins  
This is the first year of a new project.  
Galveston County

11. Department of Health, Education, and Welfare  
National Institutes of Health  
Bureau of Health Manpower Education

Research Grant No. 1 7 53 9013 09 1  
\$2,463  
July 1, 1972 through June 30, 1973  
Health Professions Student Assistant Programs  
Mr. Gene Powell, Coordinator  
This award covers additional funds for the Student Loan Program.  
Galveston County

12. Department of Health, Education, and Welfare  
National Institutes of Health  
Bureau of Health Manpower Education

Contract No. NIH 72-4118  
\$116,474  
June 1, 1972 through May 31, 1973  
Training Physician's Assistants. This contract provides funds to help train Physician's Assistants.  
Dr. Robert K. Bing  
This is the definitive contract referred to in the notice of award dated May 31, 1972, which was docketed September 22, 1972, page G-10, Item 6, for the Board of Regents' Meeting of October 20, 1972.  
Galveston County

13. Department of Health, Education, and Welfare  
National Institutes of Health  
Bureau of Health Manpower Education

Modification No. 1 to Contract No. NIH 72-4118  
June 1, 1972 through May 31, 1973  
Training Physician's Assistants  
Dr. Robert K. Bing  
This modification is a technical amendment to correct Article V of the contract. There is no change in the total award or performance period.  
Galveston County

FEDERAL CONTRACTS AND GRANTS (continued)

14. Department of Health, Education, and Welfare  
National Institutes of Health  
Bureau of Health Manpower Education

Modification No. 2 to Contract No. NIH 72-4118 (NO1 MB 24118)

June 1, 1972 through May 31, 1973

Training Physician's Assistants

Dr. Robert K. Bing

Technical amendments to contract. There is no change in total contract award or performance period.

Galveston County

15. Department of Health, Education, and Welfare  
National Institutes of Health  
Bureau of Health Manpower Education

Contract No. NIH 72-4391 (NO1 MB 24391)

\$5,830,965

September 30, 1972 through September 30, 1977

Area Health Education Center. This contract establishes cooperative educational programs in the health sciences with several colleges and health facilities in Central and South Texas.

Dr. Richard F. Timmer

This is a five year contract. Award for the first year in the amount of \$1,015,140 was previously docketed November 9, 1972, Page G-10, Item 10, for Board of Regents' meeting of December 8, 1972. Galveston County (\$3,020,965), Webb County (\$500,000), Hidalgo County (\$1,200,000), Nueces County (\$500,000), Bell County (\$610,000), and Duval, Jim Wells, San Patricio, Refugio, Kleberg, Kenedy, Brooks, Jim Hogg, Zapata, Starr, Willacy, Cameron, San Saba, Lampasas, Coryell, McLennan, Limestone, Freestone, Falls, Burnet, Llano, Williamson, and Milam Counties.

16. Department of Health, Education, and Welfare  
National Institutes of Health  
Division of Research Resources

Research Grant No. 5 SO1 RR 05427-12

\$91,334

January 1, 1973 through December 31, 1973

General Research Support Grant

Dr. Joseph M. White

Galveston County

17. Department of Health, Education, and Welfare  
National Institutes of Health  
National Institute of Child Health and Human Development

Research Grant No. 5 RO1 HD 03321-07

\$52,600 plus indirect costs

February 1, 1973 through January 31, 1974

Genetic Control of the Structure of Human Proteins. This study is designed to detect amino acid alterations or sequence rearrangements in inherited variants of molecules.

Dr. Barbara H. Bowman

This is the seventh grant year of an on-going project.

Galveston County

FEDERAL CONTRACTS AND GRANTS (continued)

18. Department of Health, Education, and Welfare  
Health Services and Mental Health Administration  
National Institute for Occupational Safety and Health
- Modification No. 1 to Contract No. HSM 99-72-67  
June 8, 1972 through June 7, 1973  
Study of the Human and Environmental Factors Associated with Serious Childhood Burn Injuries  
Dr. Armond S. Goldman  
This modification covers change in allowance for travel costs. There is no change in total contract award or performance period.  
Galveston County
19. Department of Health, Education, and Welfare  
Health Services and Mental Health Association  
National Institute of Mental Health  
National Institute of Alcohol Abuse and Alcoholism
- Research Grant No. 5 R01 AA 00271-03 (Formerly MH 19502)  
\$28,338  
January 1, 1973 through December 31, 1973  
Neurochemical Metabolic Aspects of Alcohol Preference. The overall objective of this project is to gain an understanding of whether or not there is an involvement of GABA in the mechanism of alcohol preference.  
Dr. Bernard Haber  
This is the third year of a continuing project.  
Galveston County
20. National Science Foundation
- Amendment No. 3 to Research Grant No. GB-17830  
February 1, 1970 through April 30, 1973  
Synthesis and Activity of Enzymes in Hypertrophy of the Kidney After Uninephrectomy  
Dr. Allan J. Goldstein (Formerly Dr. Wiktor W. Nowinski)  
This modification extends the grant period for two additional months without additional funds and changes the Principal Investigator.  
Galveston County
21. National Aeronautics and Space Administration
- Modification No. 4 C to Contract NAS 9-11088  
October 1, 1972 through September 30, 1974  
Man's Immunity - In Vitro Aspects. This contract will acquire data that will add to the findings of Skylab biomedical experiments to yield a greater comprehension of the effects of space travel on man.  
Dr. Stephan E. Ritzmann  
This modification is a technical amendment to the contract. There is no change in total contract award or performance period.  
Galveston County (60%), Harris County (40%)

FEDERAL CONTRACTS AND GRANTS (continued)

## 22. National Aeronautics and Space Administration

Modification No. 3 S to Contract No. NAS 9-11088  
\$125,524

October 1, 1972 through September 30, 1974

Man's Immunity - In Vitro Aspects. This contract will acquire data that will add to the findings of Skylab biomedical experiments to yield a greater comprehension of the effects of space travel on man.

Dr. Stephan E. Ritzmann

This modification increases the contract award in the amount of \$125,524 and extends the performance period for two (2) additional years.

Galveston County (60%), Harris County (40%)

## 23. National Aeronautics and Space Administration

Modification No. 1 S to Contract No. NAS 9-13102

July 1, 1972 through June 30, 1975

Cytogenetic Studies of the Blood. This contract will acquire data that will add to the findings of Skylab biomedical experiments to yield a greater comprehension of the effects of space travel on man.

Dr. Lillian H. Lockhart

Technical amendment to contract. There is no change in the total amount of the award or performance period.

Galveston County

## 24. National Aeronautics and Space Administration

Modification No. 2 S to Contract No. NAS 9-13143

September 8, 1972 through April 9, 1973

Passive Lunar Seismic Experiment. This contract provides technical support to NASA in evaluating seismic data on moonquakes.

Dr. Gary V. Latham

Extension of contract period without additional funds.

Galveston County

## 25. United States Department of Commerce

National Oceanic and Atmospheric Administration

Modification No. 1 to Grant NG-22-72

May 15, 1972 through June 30, 1973

Investigations and Sampling of Lower Slopes of East and West Flower Gardens

Mr. Robert Alderdice

This modification extends the grant period through June 30, 1973.

Galveston County

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONAMENDMENTS TO THE 1972-73 OPERATING BUDGETBOARD OF REGENTS' MEETING APRIL 24, 1973Instruction and Departmental OperationsOffice of Research in Medical Education

1. Change the status of Dr. Donald A. Bosshart, Senior Associate, from full-time at a salary rate of \$15,000 to part-time at a salary of \$13,500 for twelve months from DHEW Grant 5E03-PE-00170-07, effective January 1, 1973. Dr. Bosshart also serves as Research Associate - Health Care Sciences (part-time) at a salary of \$1,500 in School of Allied Health Sciences - Health Care Sciences. Total salary for twelve months, \$15,000. (RBC 393)

History of Medicine

2. Change the source of funds only for Dr. Chester R. Burns (Non-Tenure), James Wade Rockwell Assistant Professor in Medical History at a salary rate of \$22,500 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 309)

Interdisciplinary Laboratory

3. Change the source of funds for Dr. Daniel L. Traber, Director, Interdisciplinary Laboratory (part-time) at a salary of \$10,600 for twelve months, from DHEW Grant 5D08-PE-00131-03 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. Dr. Traber also serves as Associate Professor (part-time) at a salary of \$10,600 in the Department of Anesthesiology. Total salary for twelve months, \$21,200. (RBC 321)

4. Change the source of funds for Mr. Marshal V. Ross, Laboratory Supervisor at a salary rate of \$15,200 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 324)

5. Change the source of funds only for Dr. Gordon L. Johnson, Assistant Director, Interdisciplinary Laboratory (part-time) at a salary of \$10,000 for twelve months, from DHEW Grant 5D08-PE-00131-03 to General Budget only, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. Dr. Johnson also serves as Assistant Professor (part-time) at a salary of \$6,500 in the Department of Pharmacology. Total salary for twelve months, \$16,500. (RBC 326)

Aerospace Medicine

6. Appoint Dr. Joel S. Watkins (Non-Tenure) as Professor (part-time), without salary, in the Department of Aerospace Medicine. Dr. Watkins also serves as Member, Environmental Sciences at a salary rate of \$24,000 for twelve months in The Marine Biomedical Institute - Environmental Science. (RBC 333)

Anatomy

7. Change the source of funds only for Dr. Michael B. Hancock (Non-Tenure), Assistant Professor at a salary rate of \$19,000 for twelve months, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 331)

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedAnatomy - continued

8. Delete the name of Dr. John G. Sinclair (Tenure), Professor Emeritus (part-time), without salary, effective January 12, 1973, the date of his death. (RBC 356)

Anesthesiology

9. Accept the resignation of Dr. Thomas F. Bryant, Jr. (Non-Tenure), Assistant Professor at a salary rate of \$20,000 for twelve months, effective March 12, 1973. (RBC 410)

10. Appoint Dr. Jacqueline P. Bottome (Non-Tenure) as Assistant Professor at a salary rate of \$20,000 for twelve months, effective April 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 422)

Dermatology

11. Increase the salary of Dr. Charles J. Wilson (Non-Tenure), Clinical Assistant Professor (part-time), from \$420 to \$504 for twelve months, effective January 1, 1973. Additional funds needed are to come from Unallocated Appropriations - Instructional. This increase is to cover the increase in Blue Cross/Blue Shield premiums. (RBC 315)

12. Accept the resignation of Dr. Earl B. Ritchie (Tenure), Professor - Modified Service at a salary of \$9,600 for twelve months, effective January 31, 1973. (RBC 335)

Human Biological Chemistry and Genetics

13. Change the source of funds for Dr. Louis A. Sordahl (Tenure), Associate Professor at a salary rate of \$24,000 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 311)

14. Change the source of funds only for Dr. Jeffrey P. Chang (Tenure), Professor at a salary rate of \$30,000 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 316)

15. Change the source of funds for Dr. Viktor Holoubek (Tenure), Associate Professor at a salary rate of \$19,500 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 318)

16. Change the source of funds for Dr. Allan L. Goldstein (Tenure), Professor and Director, Division of Biochemistry at a salary rate of \$32,000 for twelve months from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 320)

17. Change the source of funds for Dr. Bill R. Brinkley (Tenure), Professor and Director, Division of Cell Biology at a salary rate of \$32,000 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 322)



AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedHuman Biological Chemistry and Genetics - continued

18. Change the source of funds for Dr. Creed W. Abell (Tenure), Professor at a salary rate of \$28,000 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 327)
19. Delete the name of Dr. Wiktor W. Nowinski (Tenure), Research Professor - Biochemistry at a salary rate of \$19,500 for twelve months, effective December 28, 1972, the date of his death. (RBC 374)
20. Appoint Dr. Burton B. Silver (Non-Tenure) as Visiting Assistant Professor at a salary rate of \$10,000 for twelve months, for the period January 15, 1973 through July 14, 1973. Funds needed are to come from the Thymosin Program. (RBC 381)
21. Appoint Dr. Gary B. Thurman as Research Scientist (Faculty) at a salary rate of \$17,000 for twelve months (\$10,000 from John A. Hartford Foundation Grant and \$7,000 from Thymosin Program), effective February 1, 1973. (RBC 383)
22. Accept the resignation of Dr. Robert A. Strzinek (Non-Tenure), Adjunct Assistant Professor (part-time), without salary, effective November 1, 1972. (RBC 388)

Internal Medicine

23. Change the source of funds for Dr. James C. Guckian (Tenure), Associate Professor at a salary rate of \$26,000 for twelve months, from DHEW Grant 5D08-PE-00131-03 to \$6,000 from General Budget and \$20,000 from DHEW Grant 5D08-PE-00131-03, effective January 1, 1973. General Budget funds needed are to come from Unallocated Appropriations - Instructional. Dr. Guckian also serves as Associate Professor (part-time), without salary, in the Department of Microbiology. (RBC 353)
24. Adjust the salary rate of Dr. Milton R. Hejtmancik (Tenure), Professor, from \$27,000 to \$28,000 for twelve months, effective March 1, 1973. Additional funds needed are to come from Unallocated Appropriations - Instructional. (RBC 402)
25. Adjust the salary of Dr. William C. Levin (Tenure), Professor, from \$27,000 (\$23,000 from General Budget and \$4,000 from Charlotte Warmoth Professorship) to \$28,000 for twelve months (\$24,000 from General Budget and \$4,000 from Charlotte Warmoth Professorship), effective March 1, 1973. Additional General Budget funds needed are to come from Unallocated Appropriations - Instructional. Dr. Levin also serves as Medical Director, Blood Bank (part-time), without salary, in Blood Bank and as Director, Clinical Study Center (part-time) at a salary of \$6,000 in Clinical Study Center. Total salary for twelve months, \$34,000. (RBC 407)

Neurology and Psychiatry

26. Change the source of funds only for Dr. Daniel L. Creson (Tenure), Associate Professor at a salary rate of \$24,500 for twelve months, from \$12,500 from DHEW Grant 5E03-PE-00170-07 and \$12,000 from DHEW Grant 5D08-PE-00131-03 to \$12,500 from General Budget and \$12,000 from DHEW Grant 5D08-PE-00131-03, effective January 1, 1973. General Budget funds needed are to come from Unallocated Appropriations - Instructional. Dr. Creson also serves as Associate Professor (part-time), without salary, in the Department of Preventive Medicine and Community Health. (RBC 312)

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedNeurology and Psychiatry - continued

27. Change the source of funds only for Dr. Ernest S. Barratt (Tenure), Research Professor - Psychology at a salary rate of \$27,400 for twelve months from \$11,400 from DHEW Grant 5E03-PE-00170-07 and \$16,000 from DHEW Grant 5T01-MH-06527-16 to \$11,400 from General Budget and \$16,000 from DHEW Grant 5T01-MH-06527-16, effective January 1, 1973. General Budget funds needed are to come from Unallocated Appropriations - Instructional. Dr. Barratt also serves as Research Professor - Psychology (part-time), without salary, in the Department of Physiology. (RBC 317)

28. Change the source of funds only for Dr. John E. Overall (Tenure), Research Professor at a salary rate of \$27,400 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. Dr. Overall also serves as Professor (part-time), without salary, in the Department of Preventive Medicine and Community Health. (RBC 319)

29. Change the source of funds for Dr. Robert F. Baxter (Non-Tenure), Assistant Professor at a salary rate of \$21,000 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 323)

30. Change the source of funds for Dr. Phillip M. Forman (Non-Tenure), Assistant Professor at a salary rate of \$27,000 for twelve months, from \$13,000 from DHEW Grant 5E03-PE-00170-07 and \$14,000 from DHEW Grant 5D08-PE-00131-03 to \$13,000 from General Budget and \$14,000 from DHEW Grant 5D08-PE-00131-03, effective January 1, 1973. General Budget funds needed are to come from Unallocated Appropriations - Instructional. Dr. Forman also serves as Assistant Professor (part-time), without salary, in the Department of Preventive Medicine and Community Health. (RBC 325)

31. Change the source of funds for Dr. John P. Vanderpool (Non-Tenure), Assistant Professor at a salary rate of \$22,800 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 328)

32. Change the title of Mrs. Agnes C. Ritchie (Non-Tenure) from Instructor to Faculty Associate at the same salary rate of \$16,380 for twelve months (\$12,600 from General Budget and \$3,780 from MSRDP - Neurology and Psychiatry), effective September 1, 1972. (RBC 348)

33. Change the title only of Dr. Norman T. Welford (Non-Tenure) from Assistant Professor - Psychology (part-time) to Faculty Associate (part-time), without salary, effective January 1, 1973. Dr. Welford also serves as Director, Biomedical Engineering at a salary rate of \$21,300 for twelve months in Medical Electronics Service. (RBC 349)

34. Appoint Miss Patricia L. Bruce as Associate in Psychology at a salary rate of \$6,000 for twelve months, effective January 1, 1973. Funds needed are to come from MSRDP - Neurology and Psychiatry. (RBC 365)

35. Appoint Dr. Harvey R. Eanes, III (Non-Tenure) as Clinical Instructor (part-time), without salary, effective November 1, 1972. (RBC 378)

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedNeurology and Psychiatry - continued

36. Reappoint and change the status of Dr. George A. Constant (Non-Tenure) from Lecturer (part-time) to Clinical Professor (part-time), without salary, effective September 1, 1972. Dr. Constant was inadvertently omitted from the budget. (RBC 386)

Obstetrics and Gynecology

37. Increase the salary of Dr. Charles E. Fougousse (Non-Tenure), Clinical Assistant Professor (part-time), from \$540 to \$636 for twelve months, effective January 1, 1973. Additional funds needed are to come from MSRDP - Obstetrics and Gynecology. This is to cover the increase in Blue Cross/Blue Shield insurance premiums. (RBC 354)

38. Increase the salary of Dr. Leonard A. Charpentier (Non-Tenure), Clinical Associate Professor (part-time), from a salary of \$444 to \$528 for twelve months, effective January 1, 1973. Additional funds needed are to come from MSRDP - Obstetrics and Gynecology. This requested increase is due to increased cost of Blue Cross/Blue Shield premiums. (RBC 359)

Ophthalmology

39. Change the status of Dr. Robert B. Wilkins (Non-Tenure), Clinical Assistant Professor (part-time), from without salary to a salary of \$2,000 for twelve months, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 336)

40. Change the status of Dr. Gerald R. Christensen (Non-Tenure), from Assistant Professor at a salary rate of \$22,000 for twelve months to Clinical Assistant Professor (part-time), without salary, effective February 1, 1973. (RBC 375)

Otolaryngology

41. Increase the salary rate of Mr. Joe L. Slade, Jr., Assistant to the Chairman, from \$13,500 (\$6,399 from General Budget and \$7,101 from MSRDP - Otolaryngology) to \$14,000 for twelve months (\$6,399 from General Budget and \$7,601 from MSRDP - Otolaryngology), effective February 1, 1973. (RBC 334)

Pediatrics

42. Change the source of funds for Dr. Warren F. Dodge (Tenure), Professor (part-time) at a salary of \$26,934 for twelve months from \$22,134 from General Budget and \$4,800 from DHEW Grant 5R01-A1-08430-10 to General Budget only, effective December 1, 1972. Additional funds needed are to come from Unallocated Appropriations - Instructional. Dr. Dodge also serves as Professor (part-time) at a salary of \$5,100 in the Department of Preventive Medicine and Community Health. Total salary for twelve months, \$32,034. (RBC 304)

43. Change the source of funds for Dr. Elton Dupree (Non-Tenure), Assistant Professor at a salary rate of \$23,000 for twelve months, from DHEW Grant 5E03-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 313)

44. Change the source of funds for Dr. Cyril L. Moore (Tenure), Professor at a salary rate of \$28,000 for twelve months, from \$19,000 from General Budget and \$9,000 from National Foundation Birth Defects Center to \$14,000 from General Budget and \$14,000 from National Foundation Birth Defects Center, effective January 1, 1973. (RBC 330)

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedPediatrics - continued

45. Adjust the salary of Dr. Warren F. Dodge (Tenure), Professor, from \$26,934 to \$20,527 for twelve months, effective January 1, 1973. Dr. Dodge also serves as Professor (part-time) at a salary of \$5,100 in the Department of Preventive Medicine and Community Health and as Associate Professor and Chairman (part-time) at a salary of \$6,407 in School of Allied Health Sciences - Health Care Sciences. Total salary for twelve months, \$32,034. (RBC 343)

46. Adjust the salary and change the source of funds for Dr. Joan R. Hebler (Non-Tenure), Assistant Professor (part-time), from \$14,500 from National Foundation Birth Defects Center to \$300 for twelve months, from General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. Dr. Hebler also serves as Assistant Professor (part-time) at a salary of \$22,700 in School of Allied Health Sciences - Health Care Sciences. Total salary for twelve months, \$23,000. (RBC 345)

47. Change the source of funds for Dr. Quang X. Nghiem (Tenure), Associate Professor at a salary rate of \$24,000 for twelve months, from \$22,500 from General Budget and \$1,500 from National Foundation Birth Defects Center Grant to General Budget only, effective January 1, 1973. Additional funds needed are to come from Unallocated Appropriations - Instructional. (RBC 384)

Pharmacology

48. Change the status of Dr. Bohdan R. Nechay (Tenure), Associate Professor, from Faculty Reassignment Leave at a salary rate of \$21,500 for twelve months to Leave of Absence, without salary, effective January 1, 1973. (RBC 337)

49. Reappoint and change the title of Dr. Frank E. Smith (Non-Tenure) from Visiting Assistant Professor (part-time) to Adjunct Assistant Professor (part-time), without salary, effective September 1, 1972. (RBC 346)

Physiology

50. Increase the salary rate of Dr. Samuel N. Kolmen (Tenure), Professor, from \$24,500 to \$25,200 for twelve months, effective January 1, 1973. Additional funds needed are to come from Shriners Burns Institute Service. This increase is in accordance with contract with Shriners Burns Institute. (RBC 306)

51. Change the status of Dr. Marvin E. Turbow (Non-Tenure) from Assistant Professor at a salary rate of \$14,000 from Shriners Burns Institute Service to Lecturer (part-time) at a salary of \$12,950 for twelve months, (\$11,900 from DHEW Grant 5E03-PE-00170-07 and \$1,050 from Shriners Burns Institute Service), effective January 1, 1973. (RBC 350)

Preventive Medicine and Community Health

52. Change the source of funds only for Dr. Elbert B. Whorton, Jr., (Non-Tenure), Associate Professor at a salary rate of \$24,000 for twelve months, from \$15,500 from General Budget and \$8,500 from DHEW Grant 5E03-PE-00170-07 to General Budget only, effective January 1, 1973. Additional funds needed are to come from Unallocated Appropriations - Instructional. (RBC 314)

53. Appoint Dr. Clarence A. Jernigan (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective February 1, 1973. (RBC 360)

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedPreventive Medicine and Community Health - continued

54. Appoint Dr. Robert E. Sullivan (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective February 1, 1973. (RBC 361)

55. Appoint Dr. Donald A. Bosshart (Non-Tenure) as Instructor (part-time), without salary, effective February 1, 1973. Dr. Bosshart also serves as Assistant Professor (part-time), without salary, in the Department of Neurology and Psychiatry and as Senior Associate at a salary rate of \$15,000 for twelve months in the Office of Research in Medical Education. (RBC 371)

56. Change the status of Dr. Marcus L. Ross (Tenure), Associate Professor, from part-time, without salary, to full-time at a salary rate of \$30,000 for twelve months, effective February 1, 1973. Funds needed are to come from DHEW Grant 5D08-PE-00131-03. (RBC 385)

57. Increase the salary rate of Dr. Duane L. Larson (Tenure), Professor, from \$28,500 to \$29,500 for twelve months, effective January 1, 1973. Additional funds needed are to come from the Shrine Affiliation Agreement. This increase is in agreement with Shriners Burns Institute. (RBC 308)

Surgery

58. Appoint Dr. Takaho Watayou as Research Surgeon at a salary rate of \$8,496 for twelve months, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 329)

59. Accept the resignation of Dr. John B. Lynch (Tenure), Professor at a salary rate of \$25,000 for twelve months (\$20,000 from General Budget and \$5,000 from DHEW Grant 5E03-PE-00170-07), effective January 15, 1973. (RBC 352)

60. Change the status and increase the salary of Dr. Martin C. Wilber from Non-Tenure, Associate Professor at a salary rate of \$25,000 for twelve months to Non-Tenure, Associate Professor at a salary rate of \$26,500 for twelve months effective January 1, 1973. Additional funds needed are to come from Unallocated Appropriations - Instructional. (RBC 362)

61. Accept the resignation of Dr. John E. Buck, Jr. (Non-Tenure), Clinical Instructor (part-time), without salary, effective January 31, 1973. (RBC 363)

62. Accept the resignation of Dr. Carl T. Stirling (Non-Tenure), Clinical Assistant Professor (part-time), without salary, effective January 31, 1973. (RBC 364)

63. Appoint Dr. Ted T. Huang (Non-Tenure) as Clinical Instructor (part-time), at a salary of \$6,700 for twelve months, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 366)

64. Change the title only of Dr. John R. Derrick (Tenure) from Professor and Chief to Professor at the same salary rate of \$25,000 for twelve months, effective September 1, 1972. (RBC 367)

65. Appoint Dr. Frank S. Martin, Jr. (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective February 1, 1973. (RBC 382)

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedSurgery - continued

66. Change the status of Dr. John Q. McGivney (Non-Tenure), Clinical Associate Professor (part-time), from a salary of \$468 for twelve months to without salary, effective February 1, 1973. (RBC 418)
67. Accept the resignation of Dr. Keith W. Ashcraft (Non-Tenure), Assistant Professor (part-time) at a salary of \$11,500 for twelve months, effective February 28, 1973. (RBC 420)
68. Appoint Dr. Craig W. Norstrom (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective March 1, 1973. (RBC 430)

School of Allied Health Sciences -  
Office of the Dean

69. Appoint Miss Donna J. Barlow (Non-Tenure) as Adjunct Assistant Professor at a salary rate of \$17,500 for twelve months, effective February 1, 1973. Funds needed are to come from NIH Grant 72-4391. (RBC 399)
70. Accept the resignation of Dr. Robert A. Plunkett, Assistant Dean of Allied Health Sciences at a salary rate of \$20,000 for twelve months, effective February 28, 1973. (RBC 428)

School of Allied Health Sciences -  
Health Care Sciences

71. Change the status of Dr. Warren F. Dodge (Tenure), Associate Professor and Chairman (part-time), from without salary to a salary of \$6,407 for twelve months, effective January 1, 1973. Funds needed are to come from NIH Grant 72-4118. Dr. Dodge also serves as Professor (part-time) at a salary of \$20,527 in the Department of Pediatrics and at a salary of \$5,100 in the Department of Preventive Medicine and Community Health. Total salary for twelve months, \$32,034. (RBC 342)
72. Adjust the salary of Dr. Joan R. Hebler (Non-Tenure), Assistant Professor, from \$8,500 to \$22,700 for twelve months, effective January 1, 1973. Additional funds needed are to come from NIH Grant 72-4118. Dr. Hebler also serves as Assistant Professor (part-time) at a salary of \$300 in the Department of Pediatrics. Total salary for twelve months, \$23,000. (RBC 344)
73. Appoint Dr. John T. O'Neal (Non-Tenure) as Assistant Professor (part-time), without salary, effective December 1, 1972. Dr. O'Neal also serves as Assistant Professor at a salary rate of \$22,000 for twelve months in the Department of Surgery. (RBC 387)
74. Appoint Dr. Donald A. Bosshart as Research Associate - Health Care Sciences (part-time) at a salary of \$1,500 for twelve months, effective January 1, 1973 from NIH Grant 72-4118. Dr. Bosshart also serves as Senior Associate (part-time) at a salary of \$13,500 in the Office of Research in Medical Education. Total salary for twelve months, \$15,000. (RBC 394)
75. Appoint Dr. Sam A. Nixon (Non-Tenure) as Adjunct Professor (part-time), without salary, effective January 1, 1973. (RBC 405)
76. Appoint Dr. Peggy J. Newman (Non-Tenure) as Adjunct Professor (part-time), without salary, effective January 1, 1973. (RBC 408)

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedSchool of Allied Health Sciences -  
Health Care Sciences - continued

77. Appoint Dr. John T. L. McNew (Non-Tenure) as Adjunct Associate Professor (part-time), without salary, effective January 1, 1973. (RBC 411)

78. Appoint Dr. John A. Ferris (Non-Tenure) as Adjunct Professor (part-time), without salary, effective January 1, 1973. (RBC 413)

79. Appoint Dr. Jim B. Brame (Non-Tenure) as Adjunct Associate Professor (part-time), without salary, effective January 1, 1973. (RBC 415)

80. Accept the resignation of Dr. Keith W. Ashcraft (Non-Tenure), Assistant Professor (part-time) at a salary of \$12,000 for twelve months, effective February 28, 1973. (RBC 421)

School of Allied Health Sciences -  
Occupational Therapy

81. Appoint Mrs. Ayleene M. Feibelman as Adjunct Instructor (part-time), without salary, effective January 1, 1973. (RBC 369)

82. Appoint Mrs. Virginia A. DeBower as Adjunct Instructor (part-time), without salary, effective January 1, 1973. (RBC 370)

83. Appoint Mrs. Sharon A. Campbell as Adjunct Instructor (part-time), without salary, effective January 1, 1973. (RBC 372)

84. Appoint Mrs. Teresa C. Bresk as Adjunct Instructor (part-time), without salary, effective January 1, 1973. (RBC 373)

85. Appoint Mrs. Peggy A. Perry as Adjunct Instructor (part-time), without salary, effective January 1, 1973. (RBC 376)

86. Appoint Mrs. Linda J. Schwartz as Adjunct Instructor (part-time), without salary, effective January 1, 1973. (RBC 377)

87. Appoint Mrs. Adelaide A. Flower as Adjunct Instructor (part-time), without salary, effective January 1, 1973. (RBC 379)

88. Appoint Mrs. Georgiann Magnenat as Adjunct Instructor (part-time), without salary, effective January 1, 1973. (RBC 380)

School of Allied Health Sciences -  
Physical Therapy

89. Appoint Mrs. Carolyn E. Koontz as Adjunct Instructor (part-time), without salary, effective February 1, 1973. (RBC 406)

90. Appoint Miss Eunice A. Bias as Adjunct Instructor (part-time), without salary, effective February 15, 1973. (RBC 412)

91. Appoint Mrs. Mary J. Wolff as Adjunct Instructor (part-time), without salary, effective February 1, 1973. (RBC 414)

92. Appoint Mr. Gilbert Sosa as Adjunct Instructor (part-time), without salary, effective February 14, 1973. (RBC 416)

93. Appoint Mrs. Elsie B. Seely as Adjunct Instructor (part-time), without salary, effective February 1, 1973. (RBC 417)

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedSchool of Allied Health Sciences -Physical Therapy - continued

94. Appoint Mr. Doyle L. Parker as Adjunct Instructor (part-time), without salary, effective January 1, 1973. (RBC 431)

University HospitalsOffice of the Vice President for Hospital Services

95. Change the title only of Mr. Kenneth J. Wine from Assistant to the Administrator for Material Management and Staff Services to Assistant Administrator at the same salary rate of \$15,500 for twelve months, effective January 15, 1973. (RBC 355)

96. Appoint Mr. Ronald R. Patterson as Assistant Administrator of Hospitals at a salary rate of \$14,500 for twelve months, effective March 1, 1973. Funds needed are to come from Unallocated Appropriations - Hospitals. (RBC 392)

Staff Development

97. Appoint Mr. William H. Lane, Jr. as Director, Staff Development (part-time) at a salary of \$11,250 for twelve months, effective January 4, 1973. Funds needed are to come from the departmental non-teaching salaries budget. Mr. Lane also serves as Director, Staff Development (part-time) at a salary of \$3,750 in Staff Development - Sealy and Smith. Total salary for twelve months, \$15,000. (RBC 338)

Nursing Service - Administration

98. Accept the resignation of Mrs. Suzanna Viggiano, Assistant Director, Nursing Service at a salary rate of \$12,000 for twelve months, effective January 31, 1973. (RBC 339)

99. Increase the salary rate of Mrs. Ida M. Langham, Assistant Director, Nursing Service, from \$12,000 to \$12,600 for twelve months, effective January 1, 1973. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 351)

Central Supply and Transportation

100. Appoint Mr. George W. Elliott as Director, Hospital Distribution at a salary rate of \$10,500 for twelve months, effective January 1, 1973. (RBC 368)

Radiology Service

101. Appoint Mr. Samuel J. Levine as Electronics Engineer (one-half time) at a salary of \$7,000 for twelve months, effective January 3, 1973. Funds needed are to come from the departmental non-teaching salaries budget. Mr. Levine also serves as Electronics Engineer (one-half time) at a salary of \$7,000 in Radiology Service - Sealy and Smith. Total salary for twelve months, \$14,000. (RBC 305)

LibrariesMedical Branch Library

102. Accept the resignation of Mr. James E. Morgan, Assistant Librarian - Instructor at a salary rate of \$14,750 for twelve months, effective January 19, 1973. (RBC 347)

103. Increase the salary rate of Mr. Bobby R. Carter, Assistant Librarian - Instructor, from \$13,250 to \$14,000 for twelve months, effective February 1, 1973. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 390)



AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedSealy & Smith Foundation HospitalsStaff Development

104. Appoint Mr. William H. Lane, Jr. as Director, Staff Development (part-time) at a salary of \$3,750 for twelve months, effective January 4, 1973. Funds needed are to come from the departmental non-teaching salaries budget. Mr. Lane also serves as Director, Staff Development (part-time) at a salary of \$11,250 in Staff Development. Total salary for twelve months, \$15,000. (RBC SS 10)

Radiology Service

105. Appoint Mr. Samuel J. Levine as Electronics Engineer (one-half time) at a salary of \$7,000 for twelve months, effective January 3, 1973. Funds needed are to come from the departmental non-teaching salaries budget. Mr. Levine also serves as Electronics Engineer (one-half time) at a salary of \$7,000 in Radiology Service. Total salary for twelve months, \$14,000. (RBC SS 9)

Transfer of Funds

106. From: Unallocated Appropriations - General \$ 3,079.74

To: Service Computation Center:  
Classified Salaries \$ 3,079.74

For: This transfer will provide funds for the creation of a new position of Control Clerk - Coder I at a salary rate of \$4,896 for twelve months, effective January 15, 1973.

(RBC 357)

107. From: Unallocated Appropriations - General \$ 2,564.57

To: Service Computation Center:  
Classified Salaries \$ 2,564.57

For: This transfer will provide funds for the creation of a new position of Control Clerk - Coder I at a salary rate of \$4,896 for twelve months, effective February 21, 1973.

(RBC 419)

108. From: Unallocated Appropriations - General \$ 5,754.76

To: Office of the Purchasing Agent:  
Classified Salaries \$ 5,754.76

For: This transfer will provide funds for the creation of two (2) new positions of Buyer I at a salary rate of \$4,488 for twelve months. One (1) position is to be effective January 10, 1973 and the other January 11, 1973.

(RBC 332)

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedTransfer of Funds - continued

109.	From: Unallocated Appropriations - Instructional	\$ <u>4,120.00</u>
	To: Interdisciplinary Laboratory: Classified Salaries	\$ <u>4,120.00</u>
	For: This transfer will provide funds for the change in source of funds for a Clerk-Typist II at a salary rate of \$6,180 for twelve months, from DHEW 5EO3-PE-00170-07 to General Budget, effective January 1, 1973. Funds needed are to come from Unallocated Appropriations - Instructional.	
	(RBC 310)	
110.	From: Unallocated Appropriations - Instructional	\$ <u>4,608.00</u>
	To: Obstetrics and Gynecology: Classified Salaries	\$ <u>4,608.00</u>
	For: This transfer will provide funds for the change in source of funds for a Clerk-Typist III at a salary rate of \$6,912 for twelve months, effective January 1, 1973.	
	(RBC 340)	
111.	From: Unallocated Appropriations - Hospitals	\$ <u>2,681.14</u>
	To: Admitting Office - Patients: Classified Salaries	\$ <u>2,681.14</u>
	For: This transfer will provide funds for the creation of a new position of Clerk I at a salary rate of \$4,692 for twelve months, effective February 5, 1973.	
	(RBC 409)	
112.	From: Unallocated Appropriations - Hospitals	\$ <u>6,320.00</u>
	To: Pediatric Hematology Cytogenetics Laboratory: Classified Salaries	\$ <u>6,320.00</u>
	For: This transfer will provide funds for the change of a Research Technician at a salary rate of \$9,480 for twelve months from part-time to full-time, effective January 1, 1973.	
	(RBC 341)	
113.	From: Unallocated Appropriations - Hospitals	\$ <u>5,653.73</u>
	To: Housekeeping: Classified Salaries	\$ <u>5,653.73</u>
	For: This transfer will provide funds for the creation of the following two (2) new positions, effective January 15, 1973. Custodial Worker II at a salary rate of \$4,692, and Custodial Worker I at a salary rate of \$4,296.	
	(RBC 358)	

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continuedTransfer of Funds - continued

114. From: Unallocated Appropriations - Hospitals \$ 3,792.00

To: Housekeeping:  
Classified Salaries \$ 3,792.00

For: This transfer will provide funds for the creation of a new position of Housekeeping Supervisor at a salary rate of \$7,584 for twelve months, effective March 1, 1973. This Housekeeping Supervisor is for the new Administration Building.

(RBC 391)

115. From: Non-Teaching Salaries \$ 17,000.00  
Classified Salaries 66,000.00  
\$ 83,000.00

To: The Marine Biomedical Institute -  
Environmental Sciences:  
Maintenance and Operation \$ 20,000.00  
Equipment 50,000.00  
Travel 13,000.00  
\$ 83,000.00

For: The transfer to Maintenance and Operation will provide funds for continued operations for the remainder of this fiscal year.

The funds transferred to Equipment will be used to purchase Marine Geophysical equipment and associated data reduction gear.

Recruitment difficulties have made additional travel funds necessary.

(RBC 389)

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER  
AT HOUSTON  
1100 HOLCOMBE BOULEVARD  
TEXAS MEDICAL CENTER

OFFICE OF THE PRESIDENT

P.O. BOX 20036  
HOUSTON, TEXAS 77025

March 28, 1973

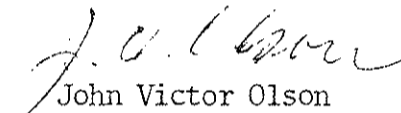
Dr. Charles A. LeMaistre, Chancellor  
The University of Texas System  
601 Colorado Street  
Austin, Texas 78701

Dear Doctor LeMaistre:

The docket for The University of Texas Health Science Center at Houston is submitted for your approval and presentation to The Board of Regents at its meeting April 24, 1973.

The Health Science Center at Houston docket consists of forty-one (41) pages.

Sincerely,

  
John Victor Olson  
Acting President

JVO:cc

## THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

## DOCKET

Board of Regents Meeting April 24, 1973

7

CALENDARS: Approval is recommended for the following calendars for the academic year 1973-74, which have been approved by the Chancellor.

Houston Medical School

1973

June 22 ..... Registration and Orientation (First Year Students)  
 June 25 ..... Summer Quarter begins  
 July 4 ..... Independence Day, a holiday  
 September 3 .... Labor Day, a holiday  
 September 8 .... Summer Quarter ends  
 September 8 .... Fall Recess begins (12 noon)  
 September 17 ... Fall Quarter begins  
 November 21 .... Thanksgiving Recess begins (12 noon)  
 November 26 .... Classes resume  
 December 1 ..... Fall Quarter ends  
 December 1 ..... Christmas Recess begins (12 noon)  
 December 1 ..... Graduation (1970 Entering Class)

1974

January 2 ..... Winter Quarter begins  
 March 16 ..... Winter Quarter ends  
 March 16 ..... Spring Recess begins (12 noon)  
 March 25 ..... Spring Quarter begins  
 April 12 ..... Good Friday, a holiday  
 May 27 ..... Memorial Day, a holiday  
 June 8 ..... Spring Quarter ends  
 June 8 ..... Summer Recess begins (12 noon)  
 June 9 ..... Graduation (1971 Entering Class)

Houston Dental Branch

1973

June 25 ..... 1973-1974 School Year begins (Freshmen Dental Students)  
 June 25 ..... Registration (Freshmen Dental Students)  
 July 2 ..... 1973-1974 School Year begins (Graduate Students)  
 July 2 ..... Registration (Graduate Students)  
 July 4 ..... Independence Day, a holiday  
 July 16 ..... 1973-1974 School Year begins (Junior and Senior - Clinic)  
 July 16 ..... Registration (Junior and Senior Dental Students)  
 August 17 ..... Vacation begins (5 P.M.) (Freshmen Dental Students)  
 August 27 ..... Vacation ends (8 A.M.) (Freshmen Dental Students)  
 August 27 ..... 1973-1974 School Year begins (Sophomore Dental Students,  
 Dental Hygienists and Dental Assistants)  
 August 27 ..... Registration (Sophomore Dental Students, Dental Hygienists  
 and Dental Assistants)  
 September 3 .... Labor Day, a holiday  
 November 21 .... Thanksgiving Recess begins (5 P.M.) (All Students)  
 November 26 .... Thanksgiving Recess ends (8 A.M.) (All Students)  
 December 21 .... Christmas Recess begins (5 P.M.) (All Students)

1974

January 7 ..... Christmas Recess ends (8 A.M.) (All Students)  
 January 7 ..... All classes resume (8 A.M.)  
 March 15 ..... Spring vacation begins (5 P.M.) (All Students)  
 March 25 ..... Spring vacation ends (8 A.M.) (All Students)  
 April 12 ..... Good Friday, a holiday  
 May 13 ..... Commencement Day  
 May 13 ..... 1973-1974 School Year ends (All Students)



Houston Dental Branch (Continued)The University of Texas Dental Branch at Houston

Benjamin C. McKinney, B.S., LL.B., D.D.S., Acting Dean  
 Frank B. Trice, B.S., D.D.S., F.A.C.D., F.I.C.D., Associate Dean for  
 Student Affairs  
 Heinz O. Beck, D.D.S., M.S., F.A.C.D., Associate Dean for Graduate Studies  
 Barnet M. Levy, A.B., D.D.S., M.S., Director, Dental Science Institute  
 Susana B. Paoloski, D.D.S., Director, School of Dental Hygiene  
 James E. Armstrong, B.S., D.D.S., F.A.C.D., Clinical Coordinator  
 Carrie Hearn, Registrar  
 Lorraine B. Webb, B.A., B.L.S., Librarian

(2) Tuition and Fees have been revised as follows:

School of Dentistry

## Laboratory Fee

From:		To:	
First Year	\$15.00	First Year	\$50.00
Second Year	27.50	Second Year	30.00

## Activity Fee

From:		To:	
All Classes	3.50	All Classes	7.50
		(Optional)	

## Supplemental Course Work

From:		To:	
\$4.00 per credit hour		\$6.00 per credit hour	

Add: \$18.00 per credit hour for non-resident students and  
 \$12.00 per credit hour for foreign students

## Graduation Fee

From:		To:	
\$32.25		\$25.00	

School of Dental Hygiene

## Laboratory Fee

Add: A laboratory fee of \$10.00 is required of both first and  
 second year dental hygiene students

## Supplemental Course Work

Add: Rate for non-resident students is \$40.00 per semester credit  
 hour

## Graduation Fee

From:		To:	
\$25.00		\$15.00	

School of Dental Assisting

## Laboratory Fee

Add: Laboratory Fee of \$10.00 is required for dental assisting  
 students

## Graduation Fee

From:		To:	
\$25.00		\$15.00	

Houston Dental Branch (Continued)Graduate School

## Laboratory Fee

\$8.00 per laboratory course per semester

- (3) Add refund policy (applicable to all students)

Refund of tuition and fees because of withdrawal from school will be made as follows:

During the first week of class work	70%
During the second week of class work	60%
During the third week of class work	40%
During the fourth week of class work	20%
During the fifth week of class work and thereafter	0%



Public Health School

Revision of THE ACADEMIC CALENDAR, 1973-74 as follows:

(1) Sept. 24-28	Registration for Fall Quarter
Oct. 1	Instruction begins
Oct. 8	Recess (Columbus Day)
Oct. 22	Recess (Veterans Day)
Nov. 22-23	Recess (Thanksgiving)
Dec. 7	Instruction ends
Dec. 10-14	Evaluation period/Registration for Winter Quarter for continuing students
Dec. 15-Jan. 2	Recess (Christmas and New Year's)
Dec. 27-28	Registration for Winter Quarter for new students
Jan. 2	Instruction begins
March 8	Instruction ends
March 11-15	Evaluation period/Registration for Spring Quarter for continuing students
March 16-24	Recess
March 21-22	Registration for Spring Quarter for new students
March 25	Instruction begins
April 12	Recess (Good Friday)
May 24	Instruction ends
May 27	Recess (Memorial Day)
May 28-31	Evaluation period
June 3-6	Presentation of Projects and Theses
June 7	Graduation Day
June 8-23	Recess
June 24-28	Registration for Summer Quarter
July 1	Instruction begins
July 4	Recess (Independence Day)
Sept. 2	Recess (Labor Day)
Sept. 6	Instruction ends
Sept. 9-13	Evaluation period
Sept. 14-22	Recess
Sept. 23-27	Registration for Fall Quarter
Sept. 30	Instruction begins (1974-1975)

Additional information regarding deadlines for completion of theses and project reports can be found on page 46.

Revision of TABLE OF CONTENTS as follows:

- (2) The Academic Calendar  
 General Information  
 Officers of Administration  
 Faculty  
Admission Procedures  
 Tuition and Fees  
 Student Financial Assistance  
 Housing  
 Academic Programs

Degree Programs  
 Other Special Programs  
Procedures for Completion of Theses or Project Reports  
Library Facilities  
 Courses of Instruction

(3) Revision of GENERAL INFORMATION Section

OBJECTIVES Section, Paragraph 1, Sentence 1 delete the words "in our world".

HOUSTON CAMPUS Section, Paragraph 1, Sentence 3 substitute "health practices" for "medicine".

HOUSTON CAMPUS Section, Paragraph 2 revised to read as follows:

The Texas Medical Center in Houston is a non-profit corporation established in 1945 to promote and develop education, research, and service in medical care. The Texas Medical Center has grown to encompass the Baylor College of Medicine, The Texas Woman's University College of Nursing, the Department of Public Health of the City of Houston, and a large complex of hospitals and clinics, in addition to The University of Texas units. Adjacent to the Texas Medical Center is the campus of Rice University. The whole comprises a collection of academic and medical resources and facilities that is extensive and varied. The activities of The University of Texas at the Texas Medical Center include the headquarters of the University of Texas System Cancer Center with its chief component the M. D. Anderson Hospital and Tumor Institute, a branch of the University of Texas System School of Nursing, and the University of Texas Health Science Center at Houston. The Health Science Center consists of the School of Medicine, the Dental Branch, the Graduate School of Biomedical Sciences, the School of Allied Health Sciences at Houston, the Speech and Hearing Institute, and the School of Public Health.

HOUSTON CAMPUS Section, Paragraph 3, Sentence 1 substitute "fifth" for "sixth".

HOUSTON CAMPUS Section, Paragraph 3, Sentence 2 delete "and thence to the entire world".

(4) Revision of the listing of OFFICERS OF ADMINISTRATION, THE UNIVERSITY OF TEXAS SYSTEM

BOARD OF REGENTS

Officers

A. G. McNeese, Jr., Chairman  
 Dan C. Williams, Vice Chairman  
 Betty Anne Thedford, Secretary

MEMBERS

Terms Expire January, 1975

Frank C. Erwin, Jr. ....	Austin
Jenkins Garrett .....	Fort Worth
Dan C. Williams .....	Dallas

Terms Expire January, 1977

Mrs. Lyndon B. Johnson .....	Stonewall
A. G. McNeese, Jr. ....	Houston
Joe T. Nelson, M.D. ....	Weatherford

Terms Expire January, 1979

James E. Bauerle, D.D.S. ....	San Antonio
Edward A. Clark .....	Austin
Allan Shivers .....	Austin

## OFFICERS OF ADMINISTRATION

Charles A. LeMaistre, B.A., M.D., Chancellor  
 Harry Hunt Ransom, Ph.D., Litt.D., LL.D., Chancellor Emeritus  
 E. D. Walker, B.S., M.B.A., C.P.A., Deputy Chancellor for Administration  
 William H. Knisely, Ph.B., B.S., M.S., Ph.D., Vice Chancellor for Health Affairs

- (5) Revision of the listing of THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Officers of Administration

J. V. Olson, D.D.S., M.S., Acting President  
 G. C. Franklin, B.B.A., Vice President for Business Affairs  
 Robert D. Moreton, B.S., M.D., Vice President for Professional and Developmental Affairs  
 H. Grant Taylor, A.B., M.A., M.D., Director, Division of Continuing Education

Administrative Council

J. V. Olson, D.D.S., M.S., Acting President,  
 The University of Texas Health Science Center at Houston  
 G. C. Franklin, B.B.A., Vice President for Business Affairs,  
 The University of Texas Health Science Center at Houston  
 Robert D. Moreton, B.S., M.D., Vice President for Professional and Developmental Affairs,  
 The University of Texas Health Science Center at Houston  
 Tina Bangs, B.A., M.A., Ph.D., Acting Director,  
 Speech and Hearing Institute  
 Alfred Knudson, M.D., Ph.D., Dean,  
 Houston Graduate School of Biomedical Sciences  
 Ben C. McKinney, B.S., LL.B., D.D.S., Acting Dean,  
 Houston Dental Branch  
 Cheves McC. Smythe, M.D., Dean,  
 Houston Medical School  
 Reuel Stallones, M.D., M.P.H., Dean,  
 Public Health School  
 H. Grant Taylor, A.B., M.A., M.D., Director,  
 Houston Division of Continuing Education

R. Lee Clark, B.S., M.D., President,  
 The University of Texas Cancer Center

Dan Kadrovach, B.S., M.S., Chief Administrator,  
 Herman Hospital

- (6) Revision of the listing of the SCHOOL OF PUBLIC HEALTH ADMINISTRATION

Delete the name of Mrs. W. Jean Pyle, Registrar  
 Morris R. Loden, Assistant to the Dean  
 Stephanie Normann, Librarian

- (7) Add section on ADMISSION PROCEDURES as follows:

Persons wishing to enroll in the School of Public Health are requested to submit to the Office of Registration:

A completed application form, to be obtained from that office. Transcripts covering all periods of enrollment in institutions of higher education. Applicants should request the institution to send transcripts directly to this School. Generally a grade point average of at least 3.0 on a 4.0 point scale is required for admission.

Letters of recommendation from two persons who are qualified to evaluate the applicant's performance, ability, motivation, and character.

Scores obtained on the aptitude test of the Graduate Record Examination. This test is given six times a year at The University of Texas at Austin and some 500 other centers around the country. Further information may be obtained by writing to the Testing Center, The University of Texas, Austin, Texas, or from the Registration Office of our School. Generally a combined score of at least 1,000 is required for admission.

Any published papers, reports, planning documents, or other material that the applicant believes may provide information on his capability and performance. If the applicant wishes for these to be returned after review by the Admissions Committee, he should indicate this.

Completed applications should be in our office by April 1 for admission in the next fall quarter. Late applications will be considered if at all possible, with no deadline, but late applicants are at greater risk of rejection because of limitations of space.

Applicants are reviewed by the Admissions Committee of the School, and, where applicable, by program and disciplinary faculties. Their recommendations are forwarded to the Dean for administrative review and notification of applicants. All the information available is evaluated and any specific criterion for admission may be waived if other factors warrant it. Personal interviews are not requested, but prospective students are most welcome to visit the School and discuss their proposed program with faculty and staff.

(8) The TUITION AND FEES Section has been revised as follows:

Tuition for residents of the State of Texas is \$33 per quarter whether full or part-time.

Tuition for U.S. citizens who are not residents of the State of Texas is prorated as follows:

<u>Four Courses</u>	<u>\$320 per quarter</u>
<u>Three Courses</u>	<u>\$240 per quarter</u>
<u>Two Courses</u>	<u>\$160 per quarter</u>
<u>One Course</u>	<u>\$ 80 per quarter</u>

Tuition for foreign nationals is \$133 per quarter whether full or part-time.

If a student is enrolled solely for completion of the thesis or dissertation, the quarterly registration fee is \$8 for Texas residents, \$33 for U.S. non-residents, and \$28 for foreign nationals.

In general, residence in Texas for a person over twenty-one years of age is established if he has been employed within the State for a period of at least twelve months prior to registration in The University. Residence within the State primarily for the purpose of education does not entitle the student to reclassification. The statute defining Texas residence includes a number of specific exceptions and should be consulted as needed.

Late Registration Fee:

A late registration fee (\$5) will be assessed if registration is filed seven days or more after the first day of instruction. All of the fees listed are subject to change by action of the Legislature or the Board of Regents without notice.

- (9) The STUDENT FINANCIAL ASSISTANCE Section revised as follows:

The School administers funds to support a limited number of traineeships and employment opportunities. Traineeships and part-time jobs are assigned according to merit and need. Applicants who desire support should submit an application for financial assistance. Traineeship or job opportunities are usually allocated during the summer preceding the following academic year. Each applicant will be notified of action on his request at the earliest possible date.

The traineeships start at a base of approximately \$2,400 per year, prorated over the academic year, and increase according to prior education, experience, and number of dependents. Trainees must be United States citizens, or foreign nationals having in their possession a visa permitting permanent residence in the United States. Traineeships consist of a monthly stipend plus an allowance for tuition. They may be granted to full-time students only. Trainees are expected to perform only such work as would be an integral part of their training programs.

Part-time employment provides \$250 or more per month throughout the academic year. The nature of employment opportunities depends upon the major academic interests of students.

- (10) Revision of HOUSING Section, Paragraph 2, Sentence 3 substitute "little" for "no".

- (11) Revision of ACADEMIC PROGRAMS, GENERAL Section

Paragraph 1, Sentence 1 add "per quarter". The sentence reads as follows: "Four courses per quarter comprise a full program of study."

Paragraphs 3, 4, and 5 revised as follows:

In this School, public health is regarded as an interdisciplinary field characterized by a number of important problems, e.g., population growth, preservation of an environment consistent with human survival, and improved organization and availability of health services to all segments of society. We believe that an interdisciplinary, problem-centered field requires an academic structure serving that fundamental idea. For that reason, the basic organizational unit of the School is the teaching-research unit, or module, a group of faculty members and graduate students who, with supporting technical and clerical personnel, work together as a learning community investigating an important area of public health concern. Each of these units needs representation from the major disciplines that contribute to community health; resulting in a modular matrix of problems versus disciplines. This modular structure serves to bring teaching and research together physically and organizationally, as well as conceptually, under a common umbrella, learning. We believe this encourages development of student and faculty capabilities and initiative; promotes studies that are comprehensive, yet not superficial; encourages close, cooperative relations between persons with different disciplinary backgrounds. A student may fulfill the requirements for M.P.H. or Dr.P.H. degrees in any of the Teaching-Research programs. Each is planned to contain the requisite breadth of faculty interests and skills to serve the needs of students interested in community health practice.

M.S. and Ph.D. degree programs are the responsibility of the faculties in each of the disciplines. These are given in community health sciences, but the disciplines identify selected areas of concentration within the broader field. M.S. and Ph.D. candidates affiliate with one of the Teaching-Research units and thus are able to participate in a learning community attacking such major problems as over-population, degradation of the environment, improving the organization and delivery of personal health services, and prevention and control of major diseases.

Taking the module titles as column headings and the discipline titles as row headings the resulting matrix identifies the principal teaching and research activity of each member of the faculty. Faculty assignments within the matrix are neither permanent nor mutually exclusive. Where faculty interests extend beyond these boundaries, the boundaries are considered not to exist. Since much of a student's program is conducted in close cooperation with a faculty advisor, each prospective applicant should consider carefully the structure of the School and indicate in his application as definitely as possible where he believes his interests would best be served.

- (12) Delete from ACADEMIC PROGRAMS, GENERAL Section the following:

Paragraph 7, 8, 9, and 10

The Academic Affairs Committee deals with curricula, courses, problems that arise between faculty and students, and similar concerns.

The Admissions Committee reviews applications for admission.

The Committee on Planning, Development and Research is concerned with long range planning, relations between the School and other institutions, and review of proposed research programs.

The Operations Committee handles day to day problems of allocation of space and resources.

- (13) REVISED THE UNIVERSITY OF TEXAS SCHOOL OF PUBLIC HEALTH - MODULES MATRIX shown below:

THE UNIVERSITY OF TEXAS SCHOOL OF PUBLIC HEALTH - MODULES MATRIX						
DISCIPLINES	PROBLEM ORIENTED TEACHING-RESEARCH PROGRAMS					
	Health Services	Urban Health	Population and Nutrition	Environmental Health	International Health	Disease Control
Administrative Sciences	Loe Grimes	<u>Atkisson</u> Cardin Stanford	Sterner*	Baird	<u>Siegel</u> Kennedy	Escutia
Behavioral Sciences	<u>Justice</u> McCrorry	Martin* Rush	Bradshaw Roberts		Walker	
Biological and Physical Sciences	Skrovan*	Heideman	Hacker Olsen Rodriguez Sargent Schull	<u>Chambers</u> Davis, Gesell, Pier Severs, Smolensky Steele		Boyd Hayes <u>Scanlon</u>
Biometry	Forthofer Glasser Hemphill	Littell	<u>Frankowski</u> Lee	Downs Harrist	Hawkins	Bray, Hsi Napier <u>Remington*</u>
Epidemiology	Askew Oseasohn	Stallones		Sakellarides	Bennett	Labarthe

#### THE TEACHING-RESEARCH UNITS

##### (14) DISEASE CONTROL

Paragraph 1, Sentence 1 substitute "mission" for "concern".

Paragraph 1, Sentence 3 change to read as follows: "For many or most of these diseases basic knowledge is lacking on which measures for prevention or control might be based."

Paragraph 1, Sentence 5 change to read as follows: "To understand disease processes and to develop ways to deal with them require the efforts of microbiologists, entomologists, parasitologists, epidemiologists, behavioral scientists, biometricians, and others, acting not as individual experts but as participants in an integrated, cooperative effort."

- (15) Delete the following names from the DISEASE CONTROL Unit Staff Listing:

Judy A. Bean  
Robert H. Kokernot  
Diane E. Schulman

- (16) The Staff Listing of the DISEASE CONTROL Unit revised as follows:

The Staff:

Discipline	Disease Control
Administrative Sciences	Virgilio Escutia
Behavioral Sciences	
Biological & Physical Sciences	Kenneth C. Boyd Jack Hayes John E. Scanlon
Biometry	Hubert Bray Bartholomew P, Hsi John A. Napier Richard D. Remington
Epidemiology	Darwin R. Labarthe

- (17) Add to the DISEASE CONTROL Unit list of major research topics the following:

Bacterial Diseases  
Behavioral Disorders

- (18) Change the ENVIRONMENTAL HEALTH Unit description to read as follows:

ENVIRONMENTAL HEALTH

The Problem: Among the problems confronting us are those related to the accelerating changes in the human environment induced by natural processes and especially by technological means of energy and material resource exploitation. Rates of environmental change tend to surpass rates of biological adaptation with serious potential consequences for the health of human populations. There is need for improved understanding of the dynamic interrelations contributing to the state of the ecologic system in order to identify strategies of environmental management and human behavior likely to promote human well-being.



- (19) The Staff Listing of the ENVIRONMENTAL HEALTH Unit revised as follows:

The Staff:	
Discipline	Environmental Health
Administrative Sciences	Valliant C. Baird
Behavioral Sciences	
Biological & Physical Sciences	Leslie A. Chambers Ernst M. Davis Thomas F. Gesell Stanley M. Pier Richard K. Severs Michael H. Smolensky James H. Steele
Biometry	Thomas D. Downs Ronald B. Harrist
Epidemiology	Constantino T. Sakellarides

- (20) Delete from the ENVIRONMENTAL HEALTH Unit Staff Listing the following names:

Irina Cechova  
Harold E. Eitzen  
Jane L. Valentine

- (21) The ENVIRONMENTAL HEALTH Unit list of major research topics revised as follows:

Air Pollution  
Chronobiology  
Occupational Health and Industrial Hygiene  
Chemical Contamination of the Environment  
Radiation Hazards  
Water Quality  
Estuarine Pollution  
Veterinary Public Health  
Environmental Physiology  
Environmental Systems Analysis  
Remote Sensing of Environmental Change  
Environmental Resources

- (22) Change the HEALTH SERVICES Unit to read as follows:

HEALTH SERVICES

The Problem: The central emphases of this module are the delineation of problems related to health and the design of systems to solve these problems. Members of the module concern themselves with comprehensive health planning, and the development, administration and evaluation of health services systems. All of these are designed to promote the mental, social and physical well-being of the community.

- (23) The Staff Listing of the HEALTH SCIENCES Unit revised as follows:

The Staff:

Discipline	Health Services
Administrative Sciences	Hardy Loe, Jr. Richard M. Grimes
Behavioral Sciences	D. Blair Justice Owen F. McCrory
Biological & Physical Sciences	Clarence Skrovan
Biometry	Ronald N. Forthofer Jay H. Glasser Fay M. Hemphill
Epidemiology	Cornelius Askew, Jr. Robert O. Oseasohn

- (24) Delete from the HEALTH SCIENCES Unit Staff Listing the following name:

Stuart W. Hinds

- (25) INTERNATIONAL HEALTH AND ETHNIC STUDIES

Paragraph 1, Sentence 2 substitute "may" for "all."

Paragraph 1, Sentence 2 substitute "and other populations" for "population, as well as people of other countries."

Paragraph 1, Sentence 3 add to the end of the sentence the following: "to improved understanding of ultimate solutions of these problems."

- (26) The Staff Listing of the INTERNATIONAL HEALTH AND ETHNIC STUDIES Unit revised as follows:

The Staff:

Discipline	International Health
Administrative Sciences	Milton P. Siegel Virginia C. Kennedy
Behavioral Sciences	George M. Walker, Jr.
Biological & Physical Sciences	
Biometry	C. Morton Hawkins
Epidemiology	Stephen H. Bennett

- (27) Delete from the INTERNATIONAL HEALTH AND ETHNIC STUDIES Unit Staff listing the following name:

Yaal Silberberg

- (28) POPULATION STUDIES

Paragraph 1, Sentence 1 revised to read as follows: "This field is concerned with interactions between population growth and community health; interpretation of population processes in relation to health; the physical environment; and the social context in which these processes occur.

Paragraph 1, Sentence 3 add to the beginning of the sentence the word "Specific".

- (29) The Staff Listing of the POPULATION STUDIES Unit revised as follows:

The Staff:

Discipline	Population Studies
Administrative Sciences	James H. Sterner
Behavioral Sciences	Benjamin S. Bradshaw Robert E. Roberts
Biological & Physical Sciences	Carl S. Hacker Calvin B. Olson Paul H. Rodriguez Frederick Sargent, III William J. Schull
Biometry	Ralph F. Frankowski Eun Sul Lee
Epidemiology	

- (30) Add to the POPULATION STUDIES Unit listing of major research topics the following:

Population Genetics  
Human Biological Variation

- (31) URBAN HEALTH

The Staff Listing of the URBAN HEALTH Unit revised as follows:

The Staff

Discipline	Urban Health
Administrative Sciences	Arthur A. Atkisson Michael Cardin Geoffrey B. Stanford
Behavioral Sciences	David W. Martin Marjorie N. Rush
Biological & Physical Sciences	M. Lawrence Heideman
Biometry	Arthur S. Littell
Epidemiology	Reuel A. Stallones

- (32) Add to the URBAN HEALTH Unit listing of major research topics the following:

Metropolitan Migration and Settlement Patterns  
 Relationship between Urban Factors & the Health Status  
 of Metropolitan Populations  
 Inner-city Problems and Services

- (33) Delete from the URBAN HEALTH Unit Staff Listing the following name:

Ronald K. Baba

- (34) DEGREE PROGRAMS

Paragraph 1, Sentence 1 delete the following sentence: "Community health is viewed as the entire complex of community activities and concerns that affect health."

- (35) MASTER OF PUBLIC HEALTH DEGREE PROGRAM

The section describing a typical programs revised as follows:

Fall	Winter	Spring
The Core Program	Field Concentration	Field Concentration
<u>Biometry</u>	Elective	Elective
<u>Epidemiology</u>	Elective	Elective
Individual Study	Individual Study	Individual Study

- (36) Description of the DOCTOR OF PUBLIC HEALTH revised as follows:

DOCTOR OF PUBLIC HEALTH

The Doctor of Public Health (Dr.P.H.) degree in Community Health signifies distinguished scholarly accomplishment in the professional field. It is primarily designed for those who plan careers involving professional practice, teaching or research. The major areas of concentration are:

Disease Control  
 Comprehensive Health Planning  
 Environmental Health  
 Health Services Administration  
 International Health  
 Occupational Health  
Population Studies  
 Urban Health

- (37) The Doctor of Public Health ADMISSIONS REQUIREMENT revised as follows:

Paragraph 1, Sentence 1 substitute "master's" for "M.P.H."

- (38) Description of the DOCTOR OF PHILOSOPHY revised as follows:

DOCTOR OF PHILOSOPHY

The Doctor of Philosophy (Ph.D.) degree in Community Health Sciences, represents outstanding scholarly attainment, signifies a capacity for independent study, and is primarily a research and teaching degree. Curricula leading to this degree are offered in the following fields of concentration:

Behavioral Sciences  
Biometry  
Environmental Health  
Epidemiology  
Medical Ecology

- (39) Description of the DOCTOR OF PHILOSOPHY, THESIS COMMITTEE revised as follows:

Paragraph 1, Sentence 2 revised as follows: "The thesis requirement will be fulfilled when the dissertation has been approved by all members of the thesis committee, and a signed copy has been filed in the Dean's Office."

- (40) Add the following paragraph to the DEGREE PROGRAMS Section

Information and material concerning a particular degree program are distributed by the Registrar's Office upon request. When making an inquiry, specify the degree program and the field of concentration or the teaching-research program of your interest.

- (41) Add to the OTHER SPECIAL PROGRAMS Section the following three paragraphs:

The Center for Demographic and Population Genetics has recently established a teaching and research facility jointly sponsored by the School of Public Health and the Graduate School of Biomedical Sciences. Among its aims are a better understanding of the nature and extent of man's burden of hereditary disease and disability. Research interests of the staff involve the study of the forces which contribute to changes in gene, genotype and phenotype frequencies in the short and the long-term. Implementation of these interests require the development of new theoretical constructs, and the use of Monte Carlo methods, as well as field work in the United States and elsewhere.

The Houston Council for Applied Mathematical Sciences (CAMS) is a consortium whose central purpose is to sponsor jointly a graduate academic program in the applied mathematical sciences. Four academic institutions participate in the consortium program: Rice University (Department of Mathematical Sciences), The University of Texas Graduate School of Biomedical Sciences (Department of Biomathematics), Baylor College of Medicine (Institute of Computer Sciences), and The University of Texas School of Public Health (faculty in Biometry).

In cooperation with the University of Houston College of Engineering, the School sponsors a graduate program in air quality management which provides students with an opportunity to specialize in one or more of the following areas: (1) control agency management; (2) surveillance of air quality variables and related environmental and health effects; (3) criteria and standards development; (4) planning or urban systems and air quality management programs; (5) control systems evaluation and design. Students participating in this program are eligible for special traineeships funded by the Environmental Protection Agency and may qualify for one or more of the following degrees: M.P.H. in Community Health; M.S. in Community Health Sciences; Master of Engineering; Master of Science in Engineering. The School also is a member of the Gulf Coast Consortium of Universities for Air Quality Management which offers students expanded opportunities for research, community service, applied studies and agency internships in this field.

(42) Add to the section on THESIS OR PROJECT COMPLETION as follows:

Guidelines to assist in the preparation of theses or project reports are available in the School of Public Health library. Final drafts of theses or project reports should be handed to evaluation committee members no later than three weeks before the last day of instruction of the quarter in which the student expects to graduate.

Two signed copies of theses or project reports prepared according to the guidelines should be given to the Registrar no later than the Monday of the last week of the quarter. Reports should be accompanied by memoranda signed by evaluation committee members stating that the student has completed all the degree requirements and award of the degree is recommended.

Students intending to graduate in June should inform the Registrar by May 10 about the form in which they wish their names to appear on their diplomas. Students planning to graduate at other dates should inform the Registrar about the preparation of their diplomas at the time their theses or project reports are filed.

Faculty advisors for those students who will graduate in June should notify the Registrar of this in addition to the correct titles of students' reports by May 15.

(43) Add the section LIBRARY FACILITIES as follows:

The University of Texas School of Public Health Library maintains a current collection of materials relevant to public health. The collection is composed of over 7,000 bound volumes (books/journals) and an estimated 1,000 pamphlets. Additional materials are obtained in various media, such as conferences on audio-cassettes and the U.S. census on microfiche.

The UTSPH Library borrowers card gives each student access to the resources of other libraries located in the Texas Medical Center: The Houston Academy of Medicine - Texas Medical Center Library; The University of Texas M.D. Anderson Research Medical Library; The University of Texas Dental Branch Library; and the Texas Research Institute for Mental Sciences (TRIMS) Library.

A MEDLARS/MEDLINE (Medical Literature Analysis Retrieval/MEDLARS on Line) Center is located in the Jesse Jones Library Building, Texas Medical Center. This system has as its data base the biomedical journal citations listed in Index Medicus. Each literature search is individually formulated.

The Fondren Library at Rice University, the Library of the University of Houston and the Houston Public Library are used as additional supplements to the UTSPH Library facilities.

- (44) Delete section on ELIGIBILITY FOR ADMISSION which is replaced by Item (11) ADMISSION PROCEDURES as follows:

Eligibility for admission as a graduate student to The University of Texas involves satisfying several requirements:

- The applicant must present a B average in all upper division (junior and senior level) college work and in any graduate work already completed. Occasionally, an applicant who does not satisfy this requirement may be admitted if the faculty considers that special circumstances exist to warrant suspension of the rule. Because some professional schools use grade scales different from those commonly employed in graduate schools, graduates in medicine, dentistry, and veterinary medicine are not subject to this rule, and their records will be evaluated individually.
- The aptitude test of the Graduate Record Examinations is strongly recommended, especially for applicants entering directly from undergraduate study. This test is given six times a year at The University of Texas at Austin and some 500 other designated centers. Specific information may be obtained by writing the Testing Center, The University of Texas, Austin, Texas.
- The record of each applicant will be reviewed by the Admissions Committee to determine whether the prior education is appropriate to the curriculum he proposes to follow in the School of Public Health. Insofar as possible, any applicant refused admission by reason of inappropriate background will be advised as to the nature of the deficiencies and how they may be remedied.
- The Committee on Admissions may, if necessary, deny admission to qualified applicants because of limitations of faculty and facilities. Given exceptional circumstances, the Dean may waive specific admission requirements or degree requirements.

(45) Delete course number PH 110 as follows:

PH 110 PUBLIC HEALTH METHODS The Faculty

This course is designed to provide the student with some insight into research methodology and specifically how the methodology is applied to the field of community health. Topics to be examined include: philosophy of research methods, study designs, sources of published data, data collection, analysis, interpretation and decisions and presentation of research findings.

Delete course number PH 121 as follows:

PH 121 COMPREHENSIVE HEALTH PLANNING The Faculty in Health Services

A series of dialogues and discussions to introduce students to a) the body of knowledge, skills, and methods utilized in the planning process and b) the strategies active in the field today.

Delete course number PH 122 as follows:

PH 122 COMPREHENSIVE HEALTH PLANNING The Faculty in Health Services

Continuation of PH 121.

Delete course number PH 512 as follows:

PH 512 PUBLIC HEALTH LABORATORY ADMINISTRATION Escutia

The organization and function of the laboratory in public health practice. The course will focus on the administrative concerns and application of some managerial tools to the public health laboratory.

Add course number PH 113 as follows:

PH 113 EXECUTIVE FUNCTIONS Administrative Sciences Faculty

Functions of the executive in public health and environmental management programs. A research-based course focused on: (1) the roles and functions of executives; (2) the cognitive and behavioral attributes related to successful executive performance; (3) predictors of executive performance; and (4) academic and experiential modes appropriate to the development of executive skills.



Add course number PH 114 as follows:

<u>PH 114 RESEARCH IN THE ADMINISTRATION PROCESS</u>	<u>Administrative Sciences Faculty</u>
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Principal types of research and applied studies in the administrative and management sciences with emphasis on their application to the administration of environmental, public health, and health care institutions and programs. Techniques and tools for descriptive and diagnostic studies of administrative and organizational systems including organization, process, and work distribution charting.

Add course number PH 115 as follows:

<u>PH 115 PROGRAM AND POLICY PLANNING</u>	<u>Grimes, Loe, Skrovan, Atkisson and Cardin</u>
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Planning as a generic process; the dimensions of health planning; quantitative tools of planning. Processes of social changes in the roles of planners and the achievement of change. Problems in the design of intervention strategies. Case studies in health planning with the focus on the roles and functions of health planners and planning agencies. Introduction to the functional areas of (a) advocacy planning; (b) policy and program planning; (c) organizational design; (d) health facilities planning and programming; (e) planning and design of community health information systems; (f) health manpower planning; and (g) comprehensive urban and environmental health planning. Sections of this course are designed to meet the program planning needs of students assigned to the Urban Health and Health Services modules.

Add course number PH 116 as follows:

<u>PH 116 PROGRAM AND POLICY PLANNING</u>	<u>Grimes, Loe, Skrovan, Atkisson and Cardin</u>
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A team study involving students in a focal health planning problem or operation. Students participate with faculty in the design of a project, its scheduling and its conduct. This course is intended to provide students with the type of project and problem-oriented experience that they will encounter in the field of comprehensive health planning.

Add course number PH 117 as follows:

PH 117 AGENCY MANAGEMENT

Escutia,  
Atkisson

Analysis of the unique organizational and management functions of specific sets of public health and environmental health management institutions. Coordinated student readings, field internships and observational assignments as well as seminar discussions focusing on the functional aspects of agency operation. Attention given to alternative schemes for organizing programs; to problems of staffing; to funding agencies; and to the characteristic of the technical functions performed by health agencies including: paperwork processing, inspection and enforcement, on the job operations, public relations and data management. The problems and operational characteristics of specific health agencies examined in terms of their environmental context, the community factors which influence agency operations, and the factors associated with inter-institutional and inter-governmental relationships. Sections of the course are designed to meet the needs of students interested in laboratory management and air control agency management. Additional sections can be added to meet other specialized needs.

Add course number PH 118 as follows:

PH 118 PUBLIC HEALTH AND THE LEGISLATIVE PROCESS

Cardin

An in-the-field examination of the state legislative process as an influence of public health and environmental control policies and practices. Students will: (1) participate in a study focusing on legislative actions of significance to public health; (2) participate in a limited number of seminars focusing on topics of importance to the focal research project; and (3) be engaged in a program of selective reading concerning federal, state, and local legislative processes.

Add course number PH 119 as follows:

PH 119 LEGAL ASPECTS OF PUBLIC HEALTH

Cardin,  
Atkisson

Federal, state and local health legislation; leading cases influencing the practice of public health. Economic implications of public health action. Topics include: public decisional norms; public health problems as external diseconomies; judicial remedies for threats to the public health; legislative and administrative remedies; constraints on legislative and rule making powers; administrative hearings, court appearances, and protection of evidence; inspection and rights of entry; and preparation of bills, orders, rules and regulations.

Add course number PH 180 as follows:

PH 180 INTRODUCTION TO HEALTH SERVICES

Health Services  
Administration  
Faculty

An overview of the basic institutions and factors which shape the health care delivery system in the United States including a basic

PH 180 INTRODUCTION TO HEALTH SERVICES (continued)

analysis of the providers and consumers of health care, the institutions which provide health care, the financing of health care, and the changes in the health care system which have been proposed or are in progress.

Add course number PH 245 as follows:

PH 245 OPERATIONS RESEARCH, A DECISION MAKING PROCESS Forthofer

A general introductory course to operations research with examples relating to health services when possible. The topics to be covered are allocation problems, inventory problems, queuing theory, PERT, and critical path, and simulation techniques. Basic methods of OR (linear programming and dynamic programming) will be introduced. The emphasis of the course will be on the formulation of problems and the OR way of approaching a problem.

Add course number PH 313 as follows:

PH 313 CURRENT ISSUES IN EPIDEMIOLOGY

The Faculty in  
Epidemiology

Consists of discussions of current issues regarding epidemiologic methods and observations based upon presentations by students, faculty and visitors.

Add course number PH 612 as follows:

PH 612 CASE STUDIES OF DEVELOPMENT OF HEALTH SERVICES IN SELECTED COUNTRIES

The Faculty in  
International  
Health

Studies of selected countries in various stages of development and their health systems and services. Their stage of development, the constraints related to the socio-political, socio-economic, and socio-cultural aspects of public health are considered. The use of data and statistics and the development of information systems and sub-systems as a management tool in the decisional processes are included.

Add course number PH 710 as follows:

PH 710 COMMUNICATION FOR PUBLIC HEALTH WORKERS

Justice

Techniques for discrimination of effective responses in communication and exercises in effective communication under problem conditions. Exploration of psychosocial factors that influence communication, particularly with members of low income communities. Also, techniques in clear writing and discussion of mass media.

Add course number PH 720 as follows:

PH 720 ECONOMIC ASPECTS OF PERSONAL HEALTH  
SERVICES

McCrory

Introduction to the application of microeconomic analysis to the problems of organization, delivery and financing of health care services. Begins with the theory of allocation and distribution of scarce resources within a price-market system. Emphasis on application of this theory to health services problems. Study of the distinction between public and private demand for services, individual and institutional supply of services, and the derived demands for input factors in terms of manpower and facilities implications. The aim of the course is to prepare consumers, not producers, of medical economic analyses.

Change course number PH 100 as follows:

PH 100 THE BASES OF COMMUNITY HEALTH

UTSPH Faculty

The core course is given in the fall quarter. All master's degree candidates are strongly urged to enroll in the core course unless specifically exempted. The program is designed to show the commonality of the many facets of community health, and to present an integrated view of the biological, physical, and cultural bases of health-related concerns.

Change course number PH 111 as follows:

PH 111 PUBLIC ADMINISTRATION AND PUBLIC HEALTH

Atkisson, Cardin,  
Grimes, Siegel,  
Walker

History and philosophy of public administration in the United States with emphasis on recurrent issues and on administrative and managerial roles, functions and processes in public agencies. Topics covered include: (1) elements and characteristics of the administrative process; (2) political and institutional factors in public administration; (3) influence of organizational structure, job task design, and managerial behavior on organizational performance; (4) organizational design; (5) interorganizational relations and behavior; (6) organization-decisional processes with emphasis on the constraints on managerial performance in public agencies; (7) personnel management processes; (8) program implementation and change; and (9) factors influencing organizational accomplishments of intrinsic and extrinsic organizational goals. Sections of this course will be devoted to meeting the needs of students assigned to the various modules.

Change course number PH 112 as follows:

PH 112 MANAGEMENT METHODS

Grimes, Walker

Topics covered include: (1) principal methods and concepts of program planning, scheduling, and budgeting; (2) tools for decision making in program end-state and instrumental planning; (3) sociological and psychological aspects of alternative planning, decisional and managerial styles and modes; (4) tools of organizational control and project management including PERT, work measurement, and budgetary systems; (5) design of administrative research plans; and (6) methods for study of personnel, wage, and salary systems.

Change course number PH 151 as follows:

PH 151 ENVIRONMENTAL HEALTH/OCCUPATIONAL HEALTH

Sterner

The development of occupational health programs to meet the needs of people who work, is a relatively recent adaptive response to the advancing industrial technology and the increasingly complex organization of employed people in an industrialized society. The emphasis is on preventive measures to reasonably assure a safe and healthful work environment and the encouragement of personal health maintenance. The course will deal with the scope, objectives, and functions of occupational health programs.

Change course number PH 211 as follows:

PH 211 BIOMETRY

The Faculty in  
Biometry

Introduction to statistical methods, scientific structure of study design, hypothesis formulation and verification, and study classification with heavy reliance on illustrations of study design. Descriptive statistics and data presentation. Data sources, questionnaire construction, interviewing techniques, data reliability and validity, coding, use of calculators, electronic accounting machines and elementary computer applications. This course will be offered within each module and applications of methods will be directed at the content area of each module.

Change course number PH 212 as follows:

PH 212 BIOMETRY

The Faculty in  
Biometry

Demographic methods with extensive illustration of rate and ratio construction. Life table use and construction of medical follow-up life tables. Review of study design, probability, randomization and introduction of statistical techniques with application. Introduction of finite sampling and application to the conduct of health survey work with an illustration of area sampling techniques.

Change course number PH 241 as follows:

PH 241 DEMOGRAPHY

Roberts, Lee,  
Bradshaw,  
Frankowski

Change course number PH 242 as follows:

PH 242 DEMOGRAPHY

Lee, Roberts,  
Bradshaw,  
Frankowski

Change course number PH 261 as follows:

PH 261 LINEAR MODELS I

Frankowski,  
Downs

Change course number PH 262 as follows:

PH 262 LINEAR MODELS II

Frankowski,  
Downs

Change course number PH 271 as follows:

PH 271 MULTIVARIATE ANALYSIS\* I

Frankowski,  
Downs

Introduction to the theory and application of multivariate statistical analysis in the fields of biology and public health. Topics include the use of the multivariate normal distribution as a model for data analysis; estimation and sampling distribution of parameters of the multivariate normal distribution; distributions and uses of sample correlation coefficient, the generalized T<sup>2</sup>-statistic and classification of observations.

Change course number PH 311 as follows:

PH 311 INTRODUCTION TO EPIDEMIOLOGY

The Faculty in  
Epidemiology

Lectures, discussion and laboratory to familiarize students with epidemiologic methods as applied within the context of the respective modules. Provides a common frame of reference regarding epidemiologic concepts and methods, leading to further course work for those who elect further study of epidemiology.

Change course number PH 312 as follows:

PH 312 APPLIED EPIDEMIOLOGY

The Faculty in  
Epidemiology

Consists of lectures, discussion and laboratory demonstrations regarding applications of epidemiologic methods. Specific reference to problems of study design, case ascertainment, denominator identification, analysis of data, questionnaire development, clinical and laboratory examination, validation of measurements, and analytic methods illustrated from available

PH 312 APPLIED EPIDEMIOLOGY (Continued)

study files and, whenever possible, by actual community observation. Discussions treat, in part, problems raised by master's projects and other investigations by participating students.

Change course number PH 398 as follows:

PH 398 SPECIAL TOPICS IN EPIDEMIOLOGY                      The Faculty in  
Epidemiology

One or more sections will be offered each quarter, the number and topics to be determined not later than the first weekly meeting of each quarter, on the basis of student and faculty interest. Past topics have included: history of epidemiology, classic epidemiologic investigations, epidemiology of hypertension, curability of cancer, and selected methodologic issues. This course may be repeated for credit.

Change course number PH 399 as follows:

PH 399 INDIVIDUAL STUDIES IN EPIDEMIOLOGY                      The Faculty in  
Epidemiology

As a major element of its teaching program, the Faculty in Epidemiology offers courses on an individual basis. The plan of study is determined for each participating student, with the faculty member requested to supervise the particular course. As a general guide, courses of individual study are not recommended unless a student has completed the introductory course or presents evidence of experience in the field of epidemiology.

Change course number PH 513 as follows:

PH 513 INFECTIOUS DISEASES IN COMMUNITY HEALTH                      Boyd and Staff

Study of basic principles of infectious diseases including the nature of organisms associated with disease, the relationship between the agent and host resulting in infection and disease, and methods of prevention and control.

Change course number PH 811 as follows:

PH 811 HEALTH AND URBAN ECOLOGY I                      Rush and Staff

Characteristics of the urban ecosystem with emphasis on the urban factors of possible relevance to health outcomes. Examination of the sources of information concerning urban factors, the origin and growth of cities, and the health significance of the several scholarly perspectives of the city, including those which view the city separately as: (1) a demographic-spatial phenomenon; (2) as a system of artifacts and specialized land uses; (3) as a physical phenomenon; (4) as an economic phenomenon; (5) as an institutional phenomenon; (6) as a set of service delivery systems; and (7) as an arena for inter-group and interpersonal conflict. Ideas, issues, and problems in urban health.

Change course number PH 812 as follows:

PH 812 HEALTH AND URBAN ECOLOGY II Rush and Staff

Change course number PH 813 as follows:

PH 813 HEALTH AND URBAN ECOLOGY III Rush and Staff

Change course number PH 819 as follows:

PH 819 HEALTH IMPLICATIONS OF URBAN DESIGN I The Faculty in Urban Health

Relationship of the urban design process to the health status of urban populations. Characteristics, sources, urban distribution, and effects of environmental stressors. Introduction to health-related urban factors, macro-urban design problems, and to the characteristics and use of environmental quality criteria and standards.

Change course number PH 820 as follows:

PH 820 HEALTH IMPLICATIONS OF URBAN DESIGN II The Faculty in Urban Health

Implications of homocentric, health-related determinants to macro-urban design processes and decisions. The impact of large scale physical design decisions on the biophysical and psychosocial health of urban populations. The introduction of health-related information into the urban design process.

Change course number PH 821 as follows:

PH 821 HEALTH IMPLICATIONS OF URBAN DESIGN III The Faculty in Urban Health

Micro-urban design processes. Health implications of design decisions made at the level of single structures and specialized places. The elements of housing quality. Analysis of the literature of human response to various environmental variables controllable through decisions made by the architect and others in the design of a structure.



CONTRACTS AND AGREEMENTS (OTHER): The following contract has been executed on behalf of The University of Texas Health Science Center at Houston by Mr. E. D. Walker, Deputy Chancellor for Administration. Approval and ratification of the signatures is recommended. KLF

Houston Health Science Center

1. Lease and Rental Contract UMH-4719L-Houston, whereby the Houston Health Science Center agrees to lease 12,961.5 square feet of space in the Prudential Building, 1100 Holcombe Blvd, Houston, for a total of \$6,574.80 per month for the period March 1, 1973, through August 31, 1976. This space is to be used to house the administrative offices of the Houston Health Science Center. This contract was approved by the State Board of Control on February 12, 1973.

GIFTS: Approval is respectfully requested for the following gifts. KLF

Houston Medical School

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. Cutter Laboratories Fourth & Parker Streets Berkeley, California 94710 Mr. Dick Hardie Clinical Research Coordinator	For continued support of research in the Program of Surgery.	\$ 7,500.00

Houston Dental Branch

1. Madelon J. Warren Estate Mr. Daniel W. Daly, III Attorney at Law 1930 Two Shell Plaza Houston, Texas 77002	To add to the Memorial Student Loan Fund.	13,672.71
2. The Robert Wood Johnson Foundation P. O. Box 2316 Princeton, New Jersey 08540 H. Thomas Luce Controller	To establish the Robert Wood Johnson Foundation Dental Student Aid Program for U. S. Students who are women, Black Americans, American Indians, Mexican Americans, mainland Puerto Ricans and students of rural backgrounds.	101,641.00

Houston Division of Continuing Education

1. Houston Endowment, Inc. P. O. Box 52338 Houston, Texas 77052	Houston Endowment Fund for Medical Community Television System	17,400.00
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Speech and Hearing Institute

1. Houston Alumnae Chapter Kappa Alpha Theta 3721 Ella Lee Houston, Texas 77027 Mrs. Don C. Wukasch	For general use of the Speech and Hearing Institute	11,663.34
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SALE OF SURPLUS EQUIPMENT: Approval is respectfully requested for the sale of surplus equipment.

Houston Dental Branch

1. Approval is requested for the sale of obsolete and surplus dental chairs and dental units which have been replaced by modern equipment and has no further usefulness to the Dental Branch. The total estimated sales price is \$33,025.00, which will be credited to local funds, educational and general income. In accordance with the Board of Regents Rules and Regulations, this transaction has been approved by Mr. E. D. Walker, Deputy Chancellor for Administration.

## THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)  
Board of Regents Meeting April 24, 1973

Approval is respectfully requested for the acceptance of the following grants, contracts and agreements:

Houston Medical School

1. Supplement to Grant No. 1-7-53-9012-22-1, Health Professions Student Loan, by which the Department of Health, Education and Welfare, Division of Physician and Health Professions Education, provides an additional \$9,789.00, for the period July 1, 1972, through June 30, 1973. This grant is in support of loan awards and scholarships to eligible students and is under the direction of Dr. Robert L. Tuttle, Associate Dean for Academic Affairs. The majority of expenditures from this award will be made in Harris County. This grant was previously docketed in the Board of Regents' Minutes, Meeting No. 703, September 11, 1972, Item No. 2, Page HO-1.
2. Grant No. 5-RO1-HL15171-02, by which the Department of Health, Education and Welfare, National Heart and Lung Institute, provides \$12,105.00 for the period March 1, 1973, through February 28, 1974, for continued support of research entitled "Lipid Vasodepressors in Tissues," directed by Dr. Merrill L. Overturf, Assistant Professor in the Program of Internal Medicine. The overall objective of this research is to identify lipids from animal and human tissue which possess vasodepressor activity and to determine their role in the normal and pathologic states of blood pressure regulation. The majority of expenditures from this award will be made in Harris County.
3. Grant No. 5-RO1-AA00194-02, by which the Department of Health, Education and Welfare, National Institute on Alcohol Abuse and Alcoholism, provides \$26,409.00 for the period January 1, 1973, through December 31, 1973, for continued support of research entitled "Effects of Alcohol on Gastric Mucosa," directed by Dr. Linda L. Shanbour, Associate Professor in the Program of Physiology. The objective of this research is to determine the mechanism of action of alcohol on the gastric mucosa and to extend these findings to other tissues of the gastrointestinal tract. The majority of expenditures from this award will be made in Harris County.
4. Grant No. 1-SO1-RR05745-01, by which the Department of Health, Education and Welfare, Division of Research Resources, provides \$30,511.00 for the period January 1, 1973, through December 31, 1973. This grant is entitled "General Research Support Grant," and is directed by Dr. Cheves McC. Smythe, Dean. The purpose of this grant is to help attain the School's immediate research objectives. The majority of expenditures from this award will be made in Harris County.

Houston Dental Branch

1. Department of Health, Education and Welfare, Division of Research Resources, Grant 5 SO1 RR-05344-12, in the amount of \$43,751.00, for the period January 1, 1973, through December 31, 1973, entitled "General Research Support Grant." This grant is directed by John Victor Olson, Dean. The purpose of this grant is to help attain the School's immediate research objectives. The majority of expenditures from this award will be made in Harris County.

## THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Amendments to the 1972-73 Operating Budgets  
Board of Regents Meeting April 24, 1973

Approval is respectfully requested for the following amendments to the 1972-73 budgets:

1. Transfer of Funds: Transfer \$172,869.00 from unappropriated balances to Houston Health Science Center accounts to provide funding for furniture and equipment acquisition, lease space, and operating funds for administrative offices. (RBC-1)

<u>TO:</u>	<u>AMOUNT</u>
Office of the President	
Administrative and Professional Salaries	\$ 44,500.00
Classified Salaries	3,972.00
Wages	250.00
Maintenance and Operation	5,000.00
Travel	2,000.00
Office of the Vice President for Professional and Development Affairs	
Administrative and Professional Salaries	10,667.00
Classified Salaries	3,972.00
Maintenance and Operation	1,500.00
Travel	1,500.00
Office of Data Processing	
Administrative and Professional Salaries	4,625.00
Maintenance and Operation	500.00
Travel	200.00
Office of Contracts and Grants	
Classified Salaries	1,473.00
Maintenance and Operation	600.00
Travel	300.00
Furniture and Equipment Acquisition	
Equipment	59,310.00
Lease of Office Space	
Maintenance and Operation	<u>32,500.00</u>
Total	<u>\$172,869.00</u>

FROM:

Unappropriated Current General Funds Balance -	
Houston Dental Branch	\$ 64,826.00
Houston Medical School	60,504.00
Houston Graduate School of Biomedical Sciences	9,162.00
Public Health School	32,327.00
Speech and Hearing Institute	3,630.00
Houston Division of Continuing Education	<u>2,420.00</u>
Total	<u>\$172,869.00</u>

2. Transfer of Funds: Transfer \$68,756.56 for the establishment of a Personnel Office for the Houston Health Science Center and for the elimination of Personnel Offices in the Houston Medical School and the Houston Dental Branch. (RBC-2)

<u>TO:</u>	<u>AMOUNT</u>
Office of Personnel	
Administrative and Professional Salaries	\$ 27,400.00
Classified Salaries	37,324.63
Wages	530.77
Maintenance and Operation	1,416.30
Travel	1,390.86
Equipment	<u>694.00</u>
Total	<u>\$ 68,756.56</u>

<u>FROM:</u>	<u>AMOUNT</u>
Dental Branch - Office of Personnel	
Administrative and Professional Salaries	\$ 15,200.00
Classified Salaries	5,752.00
Wages	530.77
Maintenance and Operation	794.38
Travel	427.86
Medical School - Personnel Director	
Administrative and Professional Salaries	12,200.00
Classified Salaries	31,572.63
Maintenance and Operation	621.92
Travel	963.00
Equipment	694.00
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Total	\$ 68,756.56

3. Transfer of Funds: Transfer \$64,095.57 for the establishment of a Purchasing Office for the Houston Health Science Center and for the elimination of the Purchasing Offices in the Houston Medical School and the Houston Dental Branch. (RBC-3)

<u>TO:</u>	<u>AMOUNT</u>
Office of Purchasing	
Administrative and Professional Salaries	\$ 21,066.72
Classified Salaries	38,379.64
Wages	500.00
Maintenance and Operation	1,952.35
Travel	1,277.36
Equipment	919.50
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Total	\$ 64,095.57

<u>FROM:</u>	
Dental Branch - Office of Purchasing	
Administrative and Professional Salaries	\$ 8,533.36
Classified Salaries	14,890.00
Wages	500.00
Maintenance and Operation	858.34
Travel	365.36
Equipment	500.00
Medical School - Director of General Services	
Administrative and Professional Salaries	12,533.36
Classified Salaries	23,489.64
Maintenance and Operation	1,094.01
Travel	912.00
Equipment	419.50
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Total	\$ 64,095.57

4. Transfer of Funds: Transfer \$146,773.37 for the establishment of an Accounting Office for the Houston Health Science Center and for the elimination of the Accounting Offices in the Houston Medical School and the Houston Dental Branch. (RBC-4)

<u>TO:</u>	<u>AMOUNT</u>
Office of Accounting	
Administrative and Professional Salaries	\$ 25,533.36
Classified Salaries	108,706.25
Wages	141.81
Maintenance and Operation	9,270.95
Travel	1,181.00
Equipment	1,940.00
	<hr/>
Total	\$146,773.37

<u>FROM:</u>	<u>AMOUNT</u>
Dental Branch - Office of Accounting	
Administrative and Professional Salaries	\$ 12,133.36
Classified Salaries	65,088.00
Wages	141.81
Maintenance and Operation	6,676.40
Travel	500.00
Equipment	1,440.00
Medical School - Office of Fiscal Services	
Administrative and Professional Salaries	13,400.00
Classified Salaries	43,618.25
Maintenance and Operation	2,594.55
Travel	681.00
Equipment	500.00
Total	<u>\$146,773.37</u>

5. Transfer of Funds: Transfer \$84,005.55 for the establishment of a Vice President for Business Affairs Office for the Houston Health Science Center and for the elimination of offices of chief business officer in the Houston Medical School and the Houston Dental Branch. (RBC-5)

<u>TO:</u>	<u>AMOUNT</u>
Office of Vice President for Business Affairs	
Administrative and Professional Salaries	\$ 57,750.04
Classified Salaries	10,824.55
Wages	1,000.00
Maintenance and Operation	8,126.44
Travel	4,763.02
Equipment	1,541.50
Total	<u>\$ 84,005.55</u>

<u>FROM:</u>	
Dental Branch - Office of Business Affairs	
Administrative and Professional Salaries	\$ 30,950.00
Classified Salaries	5,056.00
Wages	1,000.00
Maintenance and Operation	3,857.81
Travel	2,006.64
Equipment	1,000.00
Medical School - Associate Dean for Business Affairs	
Administrative and Professional Salaries	26,800.04
Classified Salaries	5,768.55
Maintenance and Operation	4,268.63
Travel	2,756.38
Equipment	541.50
Total	<u>\$ 84,005.55</u>

6. Transfer of Personnel: Houston Health Science Center Administrative operating accounts were established for the Vice President for Business Affairs, the Office of Accounting, the Purchasing Officer, and the Personnel Officer, by transferring the balances of the budgeted funds in corresponding accounts of the Houston Dental Branch and the Houston Medical School to these new accounts, effective January 1, 1973. (See RBC #2-5) Approval is requested to transfer all personnel appointments at their existing rates, titles, and percentages of time to the new accounts listed from the corresponding accounts of the Dental Branch and the Medical School, effective January 1, 1973. Any title changes resulting from the reorganization will be handled by a separate RBC. (RBC-6)

7. Change of Status: Mr. Joe A. Boone from Director of Accounting, Houston Dental Branch to Assistant Director of Accounting, Houston Health Science Center, at the same annual salary rate of \$18,200.00, effective March 1, 1973; necessary funds transferred by RBC-4. (RBC-7)

8. Change of Status: Mr. K. Robert Oppermann from Personnel Director, Houston Medical School to Personnel Director, Houston Health Science Center, at the same annual salary rate of \$18,300.00, effective March 1, 1973; necessary funds transferred by RBC-2. (RBC-8)

9. Change of Status: Mr. Ernest O. Stark from Director of Accounting, Houston Medical School to Director of Accounting, Houston Health Science Center, at the same annual salary rate of \$20,100.00, effective March 1, 1973; necessary funds transferred by RBC-4. (RBC-9)

#### Houston Medical School

##### General Stores and Receiving

1. Create Two New Positions: Stores Clerks I at an annual salary rate of \$4,896.00 each effective November 1, 1972; funds needed are to come from Unallocated Appropriations General - Classified Salaries and Mail and Telephone Service - Classified Salaries. (RBC-72)

##### Instructional Program Fund

2. Transfer of Funds: Transfer \$75,000.00 from Unallocated Appropriations Instructional - Faculty Salaries, to provide funds for the purchase of instructional equipment. (RBC-74)

##### Neurostructure and Function

3. Create New Position: Assistant Professor (25% T.) at an annual salary rate of \$18,100.00, effective October 1, 1972; funds needed are to come from Unallocated Appropriations Instructional - Faculty Salaries. (RBC-76)

##### Ophthalmology

4. Appointment: Dr. Donald L. Hall (without salary and without tenure) as Instructor, effective February 1, 1973. (RBC-78)

##### Pharmacology

5. Create New Position: Secretary II at an annual salary rate of \$6,180.00, effective May 1, 1973; funds needed are to come from Unallocated Appropriations Instructional - Classified Salaries. (RBC-75)

##### Pediatrics

6. Transfer of Funds: Transfer \$51,000.00 from departmental Faculty Salaries (\$36,000.00) and Classified Salaries (\$15,000.00), to provide funds for the purchase of additional equipment. (RBC-81)

##### Radiology

7. Appointment: Dr. Cesare Gianturco (without salary and without tenure) as Adjunct Professor, effective January 1, 1973. (RBC-79)

##### Reproductive Biology and Reproductive Endocrinology

8. Create New Position: Assistant Professor at an annual salary rate of \$19,000.00, effective March 1, 1973; funds needed are to come from Unallocated Appropriations Instructional - Faculty Salaries. (RBC-77)

##### Surgery-General

9. Create New Position: Secretary III at an annual salary rate of \$7,584.00, effective January 31, 1973; funds needed are to come from Unallocated Appropriations Instructional - Classified Salaries. (RBC-73)

Houston Medical School (Continued)Surgery-Urology

10. Appointment: Dr. Erwin C. Winkel (without salary and without tenure) as Clinical Associate, effective February 1, 1973. (RBC-80)

Houston Dental BranchAnatomy (General and Microscopic)

1. Appointment: Dr. Gird A. McCarty, Jr., as Teaching Assistant at an annual stipend rate of \$1,800.00, for the period January 1, 1973, through May 15, 1973; funds needed are to come from Unallocated Faculty Salaries. (RBC-46)

Medicine (Internal Medicine)

2. Change of Status: Dr. Edwin J. Morrow (non-tenure) from Clinical Associate Professor (10% T.) to Clinical Associate Professor (20% T.) at an annual salary rate of \$30,000.00, effective January 1, 1973; funds needed are to come from Unallocated Faculty Salaries. (RBC-47)

3. Appointment: Dr. Kenichi Kobayashi (non-tenure) as Instructor at an annual salary rate of \$10,000.00, effective April 15, 1973; funds needed are to come from U.S.P.H.S. Grant 5 ROI DE-01547-12. (RBC-53)

Medicine (Periodontics)

4. Resignation: Dr. Millard J. Kimery (non-tenure), Associate Professor at an annual salary rate of \$24,000.00, effective January 16, 1973, inclusive. (RBC-51)

5. Appointment: Dr. Naokuni Ijuhin as Research Associate at an annual salary rate of \$9,096.00, effective April 1, 1973; funds needed are available in budgeted position. (RBC-56)

Restorative Dentistry (Maxillo Facial Prosthesis)

6. Transfer of Funds: Transfer \$1,000.00 from Unallocated Maintenance; Operation, Equipment and Travel to Travel to cover anticipated travel expenses for the balance of the fiscal year 1972-73. (RBC-57)

Restorative Dentistry (Removable Multiple Restorations)

7. Appointment: Dr. James D. Woodward (non-tenure) as Assistant Professor (50% T.) at an annual salary rate of \$20,000.00, effective July 1, 1973; funds needed are to come from Unallocated Faculty Salaries. (RBC-55)

Restorative Dentistry (Unit Restorations)

8. Transfer, Change of Status and Increase in Salary: Dr. James T. Miller (non-tenure) from Clinical Associate Professor (20% T.) in the Department of Medicine (Periodontics) at an annual salary rate of \$17,000.00, to Associate Professor at an annual salary rate of \$23,000.00, effective January 15, 1973; funds needed are to come from Unallocated Faculty Salaries. (RBC-45)

Surgery

9. Appointment: Dr. Robert C. Meador (non-tenure) as Assistant Professor at an annual salary rate of \$17,000.00, effective July 1, 1973; funds needed are to come from Unallocated Faculty Salaries. (RBC-54)

Dental Assisting Program

10. Appointment: Mrs. Betty G. Stratemann (non-tenure) as Clinical Instructor without salary, effective January 1, 1973. She also serves as Therapeutic Dietitian in the Department of Physiology (Nutrition) at an annual salary rate of \$9,096.00. (RBC-48)

Houston Dental Branch (Continued)Dental Assisting Program (Continued)

11. Appointment: Mrs. Suzanne Repnicki (non-tenure) as Clinical Instructor without salary, effective January 1, 1973. She also serves as Therapeutic Dietitian in the Department of Physiology (Nutrition) at an annual salary rate of \$9,096.00. (RBC-49)
12. Appointment: Mrs. Carolyn L. Sparks (non-tenure) as Assistant Instructor without salary, effective February 1, 1973. She also serves as Dental Assisting Supervisor in this department at an annual salary rate of \$7,584.00, and paid from U.S.P.H.S. Grant 5 D06 DI-05034-12. (RBC-52)
13. Appointment: Miss Trudy K. Weaver (non-tenure) as Assistant Instructor without salary, effective January 1, 1973. She also serves as Dental Assistant II in this department at an annual salary rate of \$6,912.00. (RBC-50)

Unallocated Accounts

14. Transfer of Funds: Transfer \$100,000.00 from Unallocated Faculty Salaries to Unallocated Maintenance, Operation, Equipment and Travel to cover anticipated budget increases in maintenance and operating accounts for the balance of the 1972-73 fiscal year. (RBC-58)

Houston Graduate School of Biomedical SciencesEducational and General

1. Change in Source of Funds: Dr. Elroy T. Cantrell, Research Associate, from U.S.P.H.S. Grant 1 PO1 GM-19513 at the same annual salary rate of \$12,000.00, for the period January 1, 1973, through March 31, 1973; funds needed are to come from Reserve for Professional Salaries. (RBC-22)
2. Appointment: Dr. James C. Boudreau (tenure) as Associate Professor at an annual salary rate of \$26,000.00, effective January 1, 1973; funds needed are to come from Reserve for Professional Salaries. (RBC-23)
3. Appointment: Dr. Lamar D. Inners (non-tenure) as Assistant Professor at an annual salary rate of \$17,500.00, effective January 1, 1973; funds needed are to come from Reserve for Professional Salaries. (RBC-26)
4. Resignation: Dr. Steven J. Cool (non-tenure), Assistant Professor at an annual salary rate of \$19,000.00, effective October 13, 1972, inclusive. (RBC-18)
5. Change in Source of Funds: Dr. Tchaw-Ren Chen (non-tenure), Assistant Professor of Biology, at an annual salary rate of \$16,000.00, from Grant NIH-1-PO1-GM-19513 (A-5) (50% T.) and Grant NIH-1-PO1-GM-19513 (C-4) (50% T.), to this department (50% T.) and Grant NIH-1-PO1-GM-19513 (C-4) (50% T.), effective February 1, 1973; funds needed are to come from Reserve for Professional Salaries and available grant funds. (RBC-27)
6. Appointment: Dr. Ranajit Chakroborty as Research Associate at an annual salary rate of \$8,500.00, effective February 1, 1973; funds needed are to come from Grant 1 PO1-GM-19513. (RBC-28)
7. Appointment: Dr. Lewis C. Altenberg as Research Associate at an annual salary rate of \$14,000.00, effective February 1, 1973; funds needed are to come from Reserve for Professional Salaries (50% T.) and Grant NIH-1-PO1-GM-19513 (A-5) (50% T.). (RBC-29)
8. Resignation: Dr. David A. Wright (non-tenure), Assistant Professor at an annual salary rate of \$16,000.00, effective January 31, 1973, inclusive. (RBC-30)



Houston Graduate School of Biomedical Sciences (Continued)Educational and General (Continued)

9. Appointment: Dr. James T. Tidwell (non-tenure) as Assistant Professor at an annual salary rate of \$19,000.00, effective February 1, 1973; funds needed are available in budgeted position and Reserve for Professional Salaries. (RBC-31)

Speech and Hearing InstituteTeaching, Service and Research

1. Appointment: Mr. Frederick R. Blackburn as Chief Communications Engineer at an annual salary rate of \$11,664.00, effective September 1, 1972; funds needed are to come from Reserve for Classified Salaries. (RBC-24)

Physical Plant

2. Transfer of Funds: Transfer \$15,000.00 from Teaching, Service and Research - Maintenance and Operation Appropriation to Physical Plant - Maintenance and Operation Appropriation to provide funds for increased utility costs not previously budgeted. (RBC-25)

Public Health SchoolOffice of the Dean

1. Reappointment, Change of Title and Increase in Salary: Elizabeth A. Chadderdon, M.P.H., from Assistant Epidemiologist, Health Services Administration at an annual salary rate of \$8,712.00, to Assistant to the Dean for Placement at an annual salary rate of \$10,000.00, effective January 1, 1973; funds needed are to come from Reserve for Professional Salaries. (RBC-76)

2. Appointment: Miss Jan C. Crow as Administrative Clerk at an annual salary rate of \$5,628.00, effective January 22, 1973; funds needed are to come from Reserve for Classified Salaries. (RBC-79)

3. Change in Source of Funds: Reuel A. Stallones, M.D., Dean, Director of the Institute of Environmental Health and Professor of Epidemiology (tenure), at an annual salary rate of \$45,000.00, from this department (63% T.) and trust funds (37% T.) to this department (63% T.), trust funds (27% T.) and sub-contract NIH-NHLI-71-2156 (10% T.), effective January 1, 1973; funds needed are to come from budgeted, trust funds and available contract funds. (RBC-86)

4. Change in Title and Increase in Salary: Mrs. Lois A. Monroe, from Administrative Assistant at an annual salary rate of \$9,864.00, to Assistant to the Dean for Student Records, at an annual salary rate of \$10,650.00, effective March 1, 1973; funds needed are to come from Reserve for Professional Salaries. (RBC-90)

5. Change in Title and Increase in Salary: Miss Marjorie Forster, from Administrative Assistant at an annual salary rate of \$10,704.00, to Assistant to the Dean for Research at an annual salary rate of \$11,600.00, effective March 1, 1973; funds needed are to come from Reserve for Professional Salaries. (RBC-98)

Library Services

6. Increase in Salary: Mrs. Stephanie Z. Normann, M.S., Librarian, from an annual salary rate of \$9,450.00, to an annual salary rate of \$10,650.00, effective March 1, 1973; funds needed are to come from the budgeted position and Reserve for Professional Salaries. (RBC-88)

Public Health School (Continued)Disease Control

7. Change of Status: Mr. Matthew M. Yates, B.S., from Research Associate (100% T.) at an annual salary rate of \$9,000.00, from this department (50% T.) and Contract NAS 9-12696 (50% T.) to Research Associate (50% T.) in this department, for the period January 1, 1973, through June 8, 1973; funds needed are to come from budgeted position. (RBC-75)
8. Change of Status and Increase in Salary: Mr. Yen-Whei I. Chow, M.A., from Research Statistical Aide (50% T.) at an annual salary rate of \$6,588.00, to Research Associate (50% T.) at an annual salary rate of \$9,000.00, effective February 1, 1973; funds needed are to come from Grant NIH-NHLI-71-2442. (RBC-83)
9. Appointment: Mrs. Sandra E. Zeto, B.S., as Research Associate (80% T.) at an annual salary rate of \$9,000.00, effective February 1, 1973; funds needed are to come from sub-contract NIH-NHLI-71-2156. (RBC-89)
10. Appointment: Mrs. Clarice Jernigan, LVN, as Research Associate at an annual salary rate of \$7,200.00, effective February 7, 1973; funds needed are to come from Contract NIH-NHLI-71-2156. (RBC-91)
11. Change of Status and Increase in Salary: Miss Sharon Parten, B.A., from Research Statistical Aide at an annual salary rate of \$6,588.00, to Research Associate at an annual salary rate of \$9,000.00, effective March 1, 1973; funds needed are to come from Contract NIH-NHLI-71-2442. (RBC-92)
12. Change of Status and Increase in Salary: Mrs. Patricia A. Greenberg from Statistician at an annual salary rate of \$8,328.00, to Research Associate at an annual salary rate of \$10,000.00, effective March 1, 1973; funds needed are to come from Contract NIH-NHLI-71-2442. (RBC-93)
13. Appointment: Mrs. Kathleen E. Akey as Secretary III at an annual salary rate of \$7,944.00 effective September 1, 1972; funds needed are to come from Reserve for Classified Salaries. (RBC-94)
14. Appointment: Mrs. Nan E. Baker, M.A., as Research Associate at an annual salary rate of \$12,000.00, effective February 19, 1973; funds needed are to come from Contract NIH-NHLI-71-2442. (RBC-96)

Health Services Administration

15. Change in Source of Funds: Hardy D. Loe, Jr., M.D. (non-tenure), Associate Professor of Health Services Administration, at an annual salary rate of \$26,000.00, from this department (25% T.) and Southwest Center for Urban Research (75% T.) to this department (100% T.), for the period October 23, 1972, through November 30, 1972; funds needed are to come from Reserve for Professional Salaries. (RBC-80)
16. Change in Source of Funds: Hardy D. Loe, Jr., M.D. (non-tenure), Associate Professor of Health Services Administration, at an annual salary rate of \$26,000.00, from this department (100% T.) to this department (25% T.) and Southwest Center for Urban Research (75% T.), effective December 1, 1972; funds needed are to come from budgeted position and Southwest Center for Urban Research. (RBC-81)
17. Change of Salary and Leave of Absence: Stuart W. Hinds, M.D., (non-tenure), Associate Professor of Health Services Administration, from an annual salary rate of \$25,200.00, to an annual salary rate of \$24,000.00, effective September 1, 1972. Dr. Hinds will go on extended leave without pay effective October 25, 1972, inclusive. (Rev. RBC-2)
18. Resignation: Miss Mary A. Jordan, Research Associate (50% T.) at an annual salary rate of \$6,660.00, effective December 31, 1972, inclusive. (RBC-97)

Public Health School (Continued)Health Services Administration (Continued)

19. Change in Source of Funds: Richard M. Grimes, Ph.D., (non-tenure), Assistant Professor of Health Services Administration, at an annual salary rate of \$20,000.00, from this department (25% T.) and Grant PHS-6-75504-03-72 (75% T.) to this department (25% T.) and Grant 5 EO2 AH-00016 (75% T.), effective March 1, 1973; funds needed are to come from budgeted position and available grant funds. (RBC-99)

20. Change in Source of Funds: Ronald B. Harrist, Ph.D. (non-tenure), Assistant Professor of Biometry at an annual salary rate of \$16,500.00 to Contract NAS 9-12783 (50% T.) and Grant 1 TO1 HL-15988 (50% T.), effective March 1, 1973; funds needed are to come from available contract and grant funds. (RBC-101)

21. Resignation: Miss Sandra A. Nobles, B.A., Research Associate at an annual salary rate of \$9,000.00, effective March 31, 1973. (RBC-102)

International Health

22. Change in Source of Funds: C. Morton Hawkins, Sc.D. (non-tenure), Assistant Professor of Biometry at an annual salary rate of \$19,600.00, to this department (90% T.) and Contract NIH-NHLI-71-2156 (10% T.), effective January 1, 1973; funds needed are to come from budgeted position and available contract funds. (RBC-87)

Environmental Health

23. Appointment: Mr. Walter J. Fosbury, M.S. as Research Associate (80% T.) at an annual salary rate of \$9,000.00, for the period January 1, 1973, through May 31, 1973; funds needed are to come from Contract NAS 9-12040. (RBC-77)

Population Studies

24. Change in Title: Eun S. Lee, Ph.D., from Assistant Research Biometrician to Assistant Professor of Biometry (non-tenure) at an annual salary rate of \$16,000.00, and paid from this department (75% T.) and Contract NIH-NHLI-71-2442 (25% T.), effective March 1, 1973. (RBC-103)

Urban Health

25. Appointment: Mrs. Judith P. Detchmendy, M.A., as Teaching Associate (56% T.) at an annual salary rate of \$9,000.00, effective January 8, 1973; funds needed are to come from Grant T-900330. (RBC-78)

26. Appointment: Miss Betsy L. Siegel, M.F.A., as Teaching Associate (75% T.) at an annual salary rate of \$9,000.00, effective February 1, 1973; funds needed are to come from Grant T-900330. (RBC-84)

27. Change of Status: Mrs. Judith P. Detchmendy, M.A., from Teaching Associate (56% T.) to Teaching Associate at the same annual salary rate of \$9,000.00, effective February 1, 1973; funds needed are to come from Grant T-900330. (RBC-85)

28. Change in Source of Funds: Michael Cardin, J.D., (non-tenure), Assistant Professor of Urban Health at an annual salary rate of \$15,500.00, from this department (50% T.) and Grant PHS 6-75504-03-72 (50% T.) to this department (50% T.) and Grant 5 EO2 AH-00016 (50% T.), effective March 1, 1973; funds needed are to come from the budgeted position and available grant funds. (RBC-100)

Physical Plant

29. Appointment: Mr. Joe C. Mozeke as Carpenter at an annual salary rate of \$9,864.00, effective September 1, 1972; funds needed are to come from Reserve for Classified Salaries. (RBC-95)

Public Health School (Continued)Various Departments

30. Transfer of Funds: Transfer \$127,500.00 from Reserve for Professional Salaries to various Maintenance and Operation accounts to provide funds for increased additional expenditures for operations during the fiscal year 1972-73. (RBC-82)

<u>TO:</u>	<u>AMOUNT</u>
Office of the Dean - Maintenance and Operation	\$ 20,000.00
Library Services - Maintenance and Operation	44,000.00
Disease Control - Maintenance and Operation	13,500.00
Health Services Administration - Maintenance and Operation	9,400.00
International Health - Maintenance and Operation	9,400.00
Environmental Health - Maintenance and Operation	9,400.00
Population Studies - Maintenance and Operation	9,400.00
Urban Health - Maintenance and Operation	9,400.00
Police Department - Maintenance and Operation	<u>3,000.00</u>
Total	<u>\$127,500.00</u>
 <u>FROM:</u>	
Reserve for Professional Salaries	<u>\$127,500.00</u>
Total	<u>\$127,500.00</u>

THE UNIVERSITY OF TEXAS  
HEALTH SCIENCE CENTER AT SAN ANTONIO

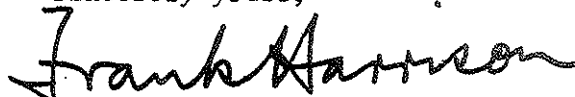
March 23, 1973

Dr. Charles A. LeMaistre  
Chancellor  
The University of Texas System  
601 Colorado Street  
Austin, Texas 78701

Dear Dr. LeMaistre:

The enclosed docket for The University of Texas Health Science Center at San Antonio is submitted for your approval and presentation to the Board of Regents at its next meeting on April 24, 1973. This docket contains sixty-nine (69) pages.

Sincerely yours,



Frank Harrison  
President

FH:lh

Enclosure

THE UNIVERSITY OF TEXAS  
HEALTH SCIENCE CENTER AT SAN ANTONIO

GIFTS: Acceptance is recommended for the following gift which has been received:

San Antonio Medical School

<u>Donor</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. *J. B. Roerig Division 235 East 42nd Street New York, New York 10017	Research in Postoperative Antiemetic Study under direction of Dr. Howard Zauder	\$6,000.00

\*No letter of transmittal received from donor.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is requested for the following:

San Antonio Medical School

National Tuberculosis and Respiratory Disease Association

1. Research Grant  
Characterization of the Pattern and Magnitude of the Total Cellular and Antibody Immune Response in the Respiratory Tract Following Initial Challenge with Viral and Mycobacterial Antigens  
Dr. Jerry J. Eller  
July 1, 1973 - June 30, 1974  
\$11,316.00

Mallinckrodt Pharmaceutical Research and Development Division

2. Research Grant  
Study No. 650, Protocol No. 2e  
Dr. Robert Talley  
March 1, 1973 - April 30, 1974  
\$36,230.00

The Robert A. Welch Foundation

3. Research Grant AQ-419  
The Chemistry and Biosynthesis of Cell Wall Polysaccharides During the Encystment of ACANTHAMOEBA  
Dr. Robert A. Weisman  
May 1, 1973 - April 30, 1975  
\$24,000.00
4. Research Grant AQ-366  
Factors Involved in Secretion of Glycoprotein Enzymes  
Dr. Alan D. Elbein  
May 1, 1973 - April 30, 1975  
\$24,000.00
5. Research Grant AQ-541  
Chemical Studies on the Spatial Arrangement of Ribosomal Components  
Dr. John C. Lee  
May 1, 1973 - April 30, 1976  
\$36,000.00

GRANTS, CONTRACTS AND AGREEMENTS (OTHER): Approval is requested for the following:

San Antonio Medical School

Community Guidance Center of Bexar County

1. Reimbursement for Professional Child Psychiatry Services  
Dr. Robert L. Leon  
July 1, 1972 - June 30, 1973  
\$5,000.00

Santa Rosa Medical Center Birth Defect Center

2. Reimbursement for Professional Services for Supervision of the Center  
Dr. Jose M. Louro  
January 1, 1973 - December 31, 1973  
\$5,000.00

Bexar County Hospital District

3. BCHD Contract #7  
Administrative, Management, and Supervisory Services  
Dr. Frank Harrison  
January 1, 1973 - December 31, 1973  
\$346,500.00
- Change in Contract Above:
4. Change the amount of BCHD Contract #7 ending December 31, 1973 from \$346,500.00 to \$577,006.71
5. Bexar County Hospital District Agreement  
Employee Health Services  
Dr. Ralph H. Forrester  
July 1, 1973 - June 30, 1974  
\$35,000.00

Southwest Foundation for Research and Education

6. Services of Dr. Nobuyoshi Hagino  
Dr. Nobuyoshi Hagino  
March 1, 1973 - August 31, 1973  
\$5,936.28

20 7 7

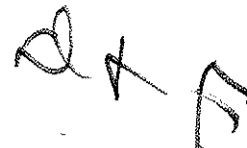
GRANTS, CONTRACTS AND AGREEMENTS (STATE): Approval is requested for the following:

San Antonio Medical School

Texas State Department of Health

- Change in Contract Previously Approved:
1. Interagency Contract (72-73)-417 Amendment No. 1  
Reimbursement for Professional Services  
Extension of time to August 31, 1973  
No additional funds

THE UNIVERSITY OF TEXAS  
HEALTH SCIENCE CENTER AT SAN ANTONIO  
FEDERAL CONTRACTS AND GRANTS  
 April 24, 1973 Meeting



GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL): Approval is requested for the following:

San Antonio Medical School

Department of Health, Education and Welfare

National Cancer Institute

1. Research Grant 5 R10 CA12275-03

Central Oncology Group

Dr. J. Bradley Aust

Total Award: \$21,601

New Money: \$15,072

February 1, 1973 - January 31, 1974

Activities, goals, and purposes of grant:

We are a member institution of the Central Oncology Group, a government sponsored organization to carry out cooperative projects supported by the National Cancer Institute. The major thrust of this group is to evaluate the usefulness of new chemotherapeutic agents, combinations of chemotherapeutic agents, and chemotherapeutic agents as an adjunct to surgical treatment of so-called "solid" cancers.

Other information:

This is a continuing project which has been in operation since The University of Texas Medical School at San Antonio started.

Expenditure estimates by county:

All Bexar County, Texas

Change in Contract Previously Approved:

2. Contract NIH-NCI-E-72-3210

Development of In Vitro Methods for the Detection of Cell-Mediated Immunologic Reactivity to Chemical Carcinogens

Dr. Daniel Thor

Total Award: \$171,617

New Money: \$ 87,034

Extension of time to February 15, 1974

Activities, goals, and purposes of contract:

To develop an In Vitro assay system for chemical carcinogens utilizing cell mediated immunologic recognition systems. Cell mediated immunity (delayed type hypersensitivity) has been found to be the main protective mechanism in tumor protection. Utilizing chemical carcinogens (haptens) bound to homologous carrier molecules (albumin and guinea pig skin proteins) we are analyzing for cellular immunity by blast transformation of lymphocytes (tridiated thymidine) and production of migration inhibition factor. Final goal is to develop a human assay system for the In Vitro measurement of immunity to environmental carcinogens.

Other information:

Our laboratory is mainly concerned with the broad aspects of tumor (cancer) immunotherapy. Current data in our laboratory and at other immunology centers throughout the USA suggest that immune stimulation, both specific and non-specific, augments and aids protection and irradiation of tumors. The understanding associated with control of chemical carcinogenesis would greatly improve cancer therapy.

Expenditure estimates by county:

All Bexar County, Texas



FEDERAL GRANTS, CONTRACTS AND AGREEMENTS: (continued)

## National Institute of Child Health and Human Development

3. Development Award-Research Career Program 5 K04 HD47279-03  
Mechanisms Regulating Tubal Transport of Ova  
 Dr. Carl J. Pauerstein  
 Total Award: \$25,000  
 New Money: \$25,000  
 March 1, 1973 - February 28, 1974  
Activities, goals, and purposes of grant:  
 The purpose of the grant is to provide salary support for the awardee, in order that he may devote a significant portion of his time and energy to his research. The goal is the development of career academicians who are skilled in research.  
Other information:  
 The current award allows the candidate to spend a reasonable amount of time in pursuit of his own research, and in providing leadership to the department's research group.  
Expenditure estimates by county:  
 All Bexar County, Texas

## General Research Support Branch

4. General Research Support Grant 5 S01 RR05654-06  
General Research Support Grant  
 Dr. Frank Harrison  
 Total Award: \$54,398  
 New Money: \$54,398  
 January 1, 1973 - December 31, 1973  
Activities, goals, and purposes of grant:  
 To provide institutional funds for the support of health-related research and research training activities. To meet emerging opportunities, to explore new and unorthodox ideas, and to permit early support of promising scientists.  
Other information:  
 This is the sixth year of this support.  
Expenditure estimates by county:  
 All Bexar County, Texas

## Bureau of Health Manpower Education

5. Supplemental Award Scholarship and Loan Program Grant 1 7 53 9017 21 1  
Health Professions Scholarship and Student Loan  
 Dr. Frank Harrison  
 Total Award: \$251,413  
 New Money: \$ 40,288  
 July 1, 1972 - June 30, 1973  
Activities, goals, and purposes of grant:  
 Public Health Service Health Professions Student Loan and Scholarship Program  
Other information:  
 Yearly award  
Expenditure estimates by county:  
 All Bexar County, Texas

FEDERAL GRANTS, CONTRACTS AND AGREEMENTS: (continued)

## National Institute of Neurological Diseases and Stroke

6. Supplemental Award  
 Research Grant 3 R01 NS09356-03S1  
Chronic Inhibition of Cholinesterase  
 Dr. William B. Stavinoha  
 Total Award: \$35,087  
 New Money: \$ 7,049  
 Extension of time to August 31, 1973  
Activities, goals and purposes of grant:  
 The purpose is through the use of rats to study the long term effects of organophosphorus cholinesterase inhibiting insecticides. Particular emphasis is placed on the study of neurochemical changes in the brain.  
Other information:  
 This is a supplement to a continuation grant.  
Expenditure estimates by county:  
 All Bexar County, Texas

## Center for Disease Control

7. Research Grant 5 R01 CC00516-03  
Type-Specific Antigens of Prototype Group B Arboviruses  
 Dr. Dennis W. Trent  
 Total Award: \$16,000  
 New Money: \$12,544  
 March 1, 1973 - February 28, 1974  
Activities, goals and purposes of grant:  
 The objectives of this project are to isolate and purify structural and nonstructural antigens of group B arboviruses for definitive serological and immunological analysis. The knowledge acquired from these studies should permit a correlation of the structural subunits and chemistry of viral proteins and relationship of these viral immunogens in infection and immunity.  
Other information:  
 This research grant award is to support the third year of work on this project. With the elimination of extramural research activities at the Center for Disease Control the budget for this year's work on this project was reduced by approximately 70 percent.  
Expenditure estimates by county:  
 All Bexar County, Texas

## Regional Medical Program of Texas, Incorporated

8. RMP 5 G03 RM00007-05 Project Number 1074  
A Statewide, Coordinated Comprehensive Renal Program for Texas  
 Dr. Marvin Forland  
 Total Award: \$2,000  
 New Money: \$2,000  
 January 1, 1973 - June 30, 1973  
Activities, goals and purposes of grant:  
 This grant will assist in the development of a computer-based registry of the dialysis and renal transplantation patients within Texas. The registry will facilitate the matching and assignment of cadaveric kidneys for transplantation.  
Other information:  
 This project is one activity of the Renal Planning Committee of Texas operating under the Texas Regional Medical Program.  
Expenditure estimates by county:  
 All Bexar County, Texas

FEDERAL GRANTS, CONTRACTS AND AGREEMENTS: (continued)

## United States Air Force

- Change in Grant Previously Approved:
9. Research Grant AFOSR71-2074 - Amendment D  
The Control of the Cardiovascular and Central Nervous Systems  
 Dr. Arthur Briggs  
 Total Award: \$270,496  
 New Money: \$ 93,463  
 Extension of time to March 31, 1974  
Activities, goals and purposes of grant:  
 The purpose of this grant is to study a variety of mechanisms involved in the control of the cardiovascular and central nervous systems. These studies will include the effects of a variety of stresses on heart and skeletal muscle functions and the effects of a variety of drugs on both the cardiovascular and the central nervous system function.
- Other information:  
 The current award will allow us to continue a variety of research projects that are currently being studied. These studies are funded in part by sources other than AFOSR. These studies form the basis for the graduate program in pharmacology.
- Expenditure estimates by county:  
 All Bexar County, Texas
- Change in Contract Previously Approved:
10. Contract F41609-73-C-0008  
Measurement of Biological End Points in Mammals Exposed to Radio-frequency Field  
 Dr. William B. Stavinoha  
 No additional funds  
 Extension of time to April 15, 1973  
Activities, goals and purposes of grant:  
 The purpose of the contract is to study rats exposed to radio-frequency fields in order to establish biological end points for exposure limitation. The extension involves designing and constructing more sophisticated instrumentation in order to better study the change caused in rats.
- Other information:  
 This is a continuation.
- Expenditure estimates by county:  
 Bexar County and Travis County, Texas

San Antonio Dental School

## Department of Health, Education and Welfare

## Bureau of Health Manpower Education

1. Supplemental Award Scholarship and Loan Program Grant 2 7 53 9017 21 1  
Health Professions Scholarship and Student Loan  
 Dr. Frank Harrison  
 Total Award: \$36,441  
 New Money: \$ 5,835  
 July 1, 1972 - June 30, 1973  
Activities, goals and purposes of grant:  
 Public Health Service Health Professions Student Loan and Scholarship Program.
- Other information:  
 Yearly award.
- Expenditure estimates by county:  
 All Bexar County, Texas

FEDERAL GRANTS, CONTRACTS AND AGREEMENTS: (continued)

## Program Operations Branch

## 2. Training Grant 5 A07 AH00283-02

Apprenticeships - Public Health Traineeships

Dr. Sidney L. Miller

Total Award: \$2,704

New Money: \$2,704

March 1, 1973 - February 28, 1974

Activities, goals and purposes of grant:

Provides traineeship support for two dental students in public health during the summer. Specifically, during current budget period, trainees will design and conduct a survey to measure environmental levels of mercury vapors in offices of practicing dentists for possible contamination.

Other information:

Current award is for the 2nd year of a five (5) year grant award. Current project will enhance the relationship between the Dental School, the dental community in San Antonio, the Metropolitan Health District, and the School of Aerospace Medicine. Offices which are found to exceed maximum permissible levels of atmospheric mercury will be followed up with an educational program of mercury hygiene.

Expenditure estimates by county:

All Bexar County, Texas

THE UNIVERSITY OF TEXAS  
HEALTH SCIENCE CENTER AT SAN ANTONIO  
AMENDMENTS TO THE 1972-73 OPERATING BUDGET  
 April 24, 1973 Meeting

REQUESTS FOR BUDGET CHANGE: Approval is requested for the following:

San Antonio Medical School

Office of the President

1. Accept the resignation of Mr. Everitt M. Mahon (non-tenure) as Assistant to the President at an annual salary rate of \$27,500 effective at the close of business January 14, 1973. Transfer unused Administrative and Professional Salaries in the amount of \$17,298.44 to Unallocated Administrative and Professional Salaries. (RBC 157)

2. Increase the annual salary rate of Mr. Warren G. Harding (non-tenure), Director of Hospital Affairs and Administrator BCHD and Professor of Health Care Administration effective January 1, 1973, from \$42,000 (\$30,000 - BCHD Management Services and \$12,000 Administrative and Professional Salaries) to \$46,000 (\$34,000 - BCHD Management Services and \$12,000 Administrative and Professional Salaries). Funds needed for this increase to come from BCHD - Management Services. (RBC 167)

3. Increase the annual salary rate of Mr. William F. Smith (non-tenure), Associate Director of Hospital Affairs and Associate Administrator BCHD and Assistant Professor of Health Care Administration from \$27,000 (\$25,000 - BCHD Management Services and \$2,000 Administrative and Professional Salaries) to \$29,500 (\$27,500 - BCHD Management Services and \$2,000 Administrative and Professional Salaries) effective January 1, 1973. Funds needed for this increase to come from BCHD Management Services. (RBC 168)

Office of the Dean

4. Change the status of Dr. Stanley E. Crawford at an annual salary rate of \$41,000 (\$28,500 - Administrative and Professional Salaries and \$12,500 - San Antonio Medical Foundation Funds) from Acting Dean to Dean effective March 1, 1973. Dr. Crawford will continue to serve as Professor (tenure) (without salary) in the Department of Pediatrics. (RBC 184)

Office of the Director of Accounting

5. Appoint Mr. Ernest M. De Winne, Jr. (non-tenure) as Assistant Director of Accounting at an annual salary rate of \$11,400 effective March 1, 1973. Funds needed for this appointment to come from Unallocated Administrative and Professional Salaries. (RBC 188)

Office of the Personnel Director

6. Accept the resignation of Mr. John W. Massey as Associate Personnel Director at an annual salary rate of \$12,500 effective at the close of business January 31, 1973. (RBC 172)

Anesthesiology

7. Appoint Dr. Teresita V. Fulgencio-Dujon (non-tenure) as Assistant Instructor at an annual salary rate of \$15,000 effective January 15, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. Dr. Fulgencio-Dujon is to also serve as Assistant Instructor (without salary) in the Department of Pediatrics. (RBC 164)

8. Accept the resignation of Dr. Arnold Sladen (tenure) as Associate Professor at an annual salary rate of \$25,000 effective at the close of business May 31, 1973. Transfer unused Teaching Salaries in the amount of \$6,250.03 to Unallocated Faculty Salaries. (RBC 200)

AMENDMENTS TO 1972-73 OPERATING BUDGET (continued)Biochemistry

9. Appoint Dr. Glen E. Mott (non-tenure) Instructor (without salary) effective February 1, 1973. Dr. Mott also serves as Instructor, Department of Pathology, at an annual salary rate of \$15,000. (RBC 158)

10. Change the status of Dr. Armand J. Guarino from Acting Dean (50% time) and Professor (tenure) and Chairman, Department of Biochemistry (50% time) at an annual salary rate of \$38,500 (\$19,250 - Administrative and Professional Salaries and \$19,250 - Biochemistry Teaching Salaries) to Dean (50% time) and Professor (tenure) and Chairman, Department of Biochemistry (50% time) at an annual salary rate of \$41,000 (\$20,500 - Administrative and Professional Salaries and \$20,500 - Biochemistry Teaching Salaries). (RBC 192)

Medicine

11. Appoint Dr. Edwin E. Terry (non-tenure) as Assistant Instructor at an annual salary rate of \$11,400 effective July 1, 1973. Funds needed for this appointment to come from DHEW Grant 5 OE3 PE 00172-07. (RBC 169)

12. Change the per cent of time and source of funds for Dr. Miriam C. Fisher (non-tenure) at an annual salary rate of \$19,000 from 100% time (50% time BCHD Contract #7 and 50% time OEO Grant) to 60% time BCHD Contract #7 effective February 1, 1973. (RBC 173)

13. Appoint Dr. Hang-Guen R. Kim (non-tenure) as Clinical Instructor (50% time) at an annual salary rate of \$20,000 effective February 1, 1973 through June 30, 1973. Funds needed for this appointment to come from DHEW Grant 06-H000290-01-0. Dr. Kim is also to serve as Clinical Instructor (50% time) (without salary) in the Department of Pediatrics. (RBC 178)

14. Appoint Dr. Samuel C. Jefferson (non-tenure) as Assistant Professor at an annual salary rate of \$26,000 effective July 1, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 193)

Obstetrics and Gynecology

15. Appoint Dr. Bruno Ybarra (non-tenure) as Assistant Instructor at an annual salary rate of \$11,400 effective July 1, 1973. Funds needed for this appointment to come from DHEW Grant 5 E03 PE 00172-07. (RBC 174)

16. Accept the resignation of Dr. Jack A. Goff (non-tenure) at an annual salary rate of \$18,000 effective at the close of business February 28, 1973. Transfer unused Teaching Salaries in the amount of \$9,000 to Unallocated Faculty Salaries. (RBC 181)

Pathology

17. Appoint Dr. Glen E. Mott (non-tenure) Instructor at an annual salary rate of \$15,000 effective February 1, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. Dr. Mott also serves as Instructor, Department of Biochemistry (without salary). (RBC 159)

18. Reappoint Dr. Dario Valdivieso (non-tenure) as Instructor (29% time) at an annual salary rate of \$21,000 effective January 1, 1973. Dr. Valdivieso is also paid as Instructor from Pathology, Teaching Salaries (51% time) and Microbiology, Teaching Salaries (20% time). (RBC 161)

19. Appoint Dr. Milka M. Montiel (initial request for tenure) as Associate Professor at an annual salary rate of \$30,000 effective March 1, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 180)

AMENDMENTS TO 1972-73 OPERATING BUDGET (continued)Pediatrics

20. Appoint Dr. John R. Scals (non-tenure) as Assistant Professor at an annual salary rate of \$26,000 effective August 17, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 175)
21. Change the status and annual salary rate of Dr. Michael J. Sweeney (tenure) from Professor at an annual salary of \$29,000 to Professor and Acting Chairman at an annual salary rate of \$32,000 effective March 1, 1973. Funds needed for this change to come from Unallocated Faculty Salaries. (RBC 186)
22. Appoint Dr. Harold S. Toy (non-tenure) as Assistant Professor at an annual salary rate of \$23,000 effective July 1, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 195)
23. Appoint Dr. Harold W. Diserens (non-tenure) as Associate Professor at an annual salary rate of \$22,000 effective March 15, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 196)
24. Appoint Dr. Randy W. Heisinger (non-tenure) as Assistant Instructor at an annual salary rate of \$11,700 effective July 1, 1973. Funds needed for this appointment to come from DHEW Grant 5 E03 PE 00172-07. (RBC 197)

Pharmacology

25. Reappoint Dr. David H. Ross (non-tenure) as Instructor at an annual salary rate of \$11,000 effective February 1, 1973 through March 31, 1973. Funds needed for this reappointment to come from Air Force Grant AFOSR 71-2074C. (RBC 165)

Psychiatry

26. Reappoint Dr. Lewis H. Richmond (non-tenure) as Clinical Associate Professor (50% time) at an annual salary rate of \$25,000 effective January 1, 1973. Funds needed for this reappointment to come from BCHD Contract #7. (RBC 162)
27. Reappoint Dr. John M. Grasse, Jr. (non-tenure) as Clinical Assistant Professor (75% time) at an annual salary rate of \$22,000 effective January 1, 1973. Funds needed for this reappointment to come from BCHD Contract #7. (RBC 163)
28. Accept the resignation of Dr. Cecil A. Childers, Jr. (non-tenure) as Clinical Associate Professor (20% time) at an annual salary rate of \$25,000 effective at the close of business December 31, 1972. Dr. Childers was paid from DHEW Grant 5 T01 MH 11891-04. (RBC 166)
29. Reappoint Dr. Charles H. Teller (non-tenure) as Clinical Assistant Professor (Sociology) (50% time) at an annual salary rate of \$15,900 effective February 1, 1973 through May 31, 1973. Funds needed for this appointment to come from Hogg Foundation Grant. (RBC 179)

AMENDMENTS TO 1972-73 OPERATING BUDGET (continued)Surgery

30. Appoint Dr. Albert W. Hartman (non-tenure) as Professor (25% time) at an annual salary rate of \$30,000 effective February 1, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 171)
31. Accept the resignation of Dr. Eduardo Madiedo, Jr. (non-tenure), as Assistant Professor (50% time) at an annual salary rate of \$16,000 effective at the close of business February 28, 1973. Dr. Madiedo was paid from DHEW Grant 5 EO3 PE 00172-06. (RBC 189)
32. Appoint Dr. William D. McInnis (non-tenure) as Assistant Instructor at an annual salary rate of \$12,100 effective July 1, 1973. Funds needed for this appointment to come from DHEW Grant 5 EO3 PE 00172-07. (RBC 198)
33. Change the status of Dr. Tolbert S. Wilkinson (non-tenure) at an annual salary rate of \$18,000 from Assistant Professor (100% time) to Clinical Assistant Professor (50% time) effective March 1, 1973. Transfer unused Teaching Salaries in the amount of \$4,500 to Unallocated Faculty Salaries. (RBC 199)

Library

34. Appoint Mrs. Joy A. Bell (non-tenure) as Assistant Instructor in Medical Bibliography (80% time) at an annual salary rate of \$8,500 effective March 1, 1973. Transfer funds in the amount of \$3,400 from Wages to Administrative and Professional Salaries. (RBC 187)

Physical Plant (General Services)

35. Accept the resignation of Mr. George E. Mangrem (non-tenure) as Assistant Director of Physical Plant at an annual salary rate of \$16,000 effective at the close of business January 31, 1973. (RBC 176)

San Antonio Graduate School of Biomedical SciencesOffice of the Dean

1. Change the status of Dr. Armand J. Guarino from Acting Dean (50% time) and Professor (tenure) and Chairman, Department of Biochemistry (50% time) at an annual salary rate of \$38,500 (\$19,250 - Administrative and Professional Salaries and \$19,250 - Biochemistry Teaching Salaries) to Dean (50% time) and Professor (tenure) and Chairman, Department of Biochemistry (50% time) at an annual salary rate of \$41,000 (\$20,500 - Administrative and Professional Salaries and \$20,500 - Biochemistry Teaching Salaries). (RBC 185) (RBC 191)

San Antonio Dental SchoolOffice of Business Affairs

1. Accept the resignation of Mr. Everitt M. Mahon (non-tenure) as Associate Dean for Administration (without salary) effective at the close of business January 14, 1973. (RBC 21)



AMENDMENTS TO 1972-73 OPERATING BUDGET (continued)

2. Accept the resignation of Mr. John W. Massey (non-tenure) as Associate Personnel Director (without salary) effective at the close of business January 31, 1973. (RBC 22)

Anatomy-Dental

3. Appoint Dr. Jose M. Garcia (non-tenure) Associate Professor (80% time) at an annual salary rate of \$24,000 effective March 15, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 20)

Anatomy-General

4. Change the status of Dr. Nobuyoshi Hagino at an annual salary rate of \$23,000 from Associate Professor (non-tenure) (25% time) paid from Anatomy-General Teaching Salaries to Associate Professor (initial request for tenure) 100% time (50% from Anatomy-General, Teaching Salaries and 50% from Southwest Foundation for Research and Education Grant). Funds needed for this change in the amount of \$2,875.03 to come from Unallocated Faculty Salaries. (RBC 25)

Community Dentistry

5. Appoint Dr. Argyle Q. O'Brien (non-tenure) as Clinical Assistant Professor (10% time) at an annual salary rate of \$20,000 effective January 1, 1973 through June 30, 1973. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 17)

Pedodontics

6. Change the status of Dr. Mary A. Wyss (non-tenure) at an annual salary rate of \$17,000 from Assistant Professor (50% time) to Assistant Professor (100% time) effective February 15, 1973. Funds needed for this change to come from Unallocated Faculty Salaries. (RBC 24)

Pharmacology

7. Appoint the following faculty without tenure and without salary in the Department of Pharmacology effective December 1, 1972.

Dr. Arthur H. Briggs	Professor and Chairman
Dr. William B. Stavinoha	Professor
Dr. Vernon S. Bishop	Associate Professor
Dr. Oliver Carrier, Jr.	Associate Professor
Dr. Kenneth Blum	Assistant Professor
Dr. Miguel A. Medina	Assistant Professor
Dr. Carol L. Smith	Instructor
Dr. David H. Ross	Instructor
Dr. Donald F. Peterson	Visiting Instructor
Dr. Prasad D.M.V. Turlapaty	Visiting Instructor

These faculty members are presently on the staff of the San Antonio Medical School. (RBC 18)

Physical Plant (General Services)

8. Accept the resignation of Mr. George E. Mangrem (non-tenure) as Assistant Director of Physical Plant (without salary) effective at the close of business January 31, 1973. (RBC 23)

TRANSFER OF FUNDS:San Antonio Health Science Center

1. Amount of Transfer: \$2,905.00
 

To:	Anatomy, Maintenance and Operation	\$1,335.00
	Pathology, Classified Salaries	190.00
	Pathology, Maintenance and Operation	1,380.00
From:	Pathology, Wages	\$ 190.00
	Unallocated, Maintenance and Operation	2,715.00
For:	To provide funds needed for unanticipated operating expenses and salary increase for classified personnel. (RBC 160)	
  
2. Amount of Transfer: \$45,000.00
 

To:	Out-Patient Clinic - Equipment	\$45,000.00
From:	Departmental Operating Expense - Equipment	\$45,000.00
For:	To provide funds necessary for the purchase of equipment needed in this department for more effective operation of the school. (RBC 19)	
  
3. Amount of Transfer: \$21,650.00
 

To:	Anatomy, Maintenance and Operation	\$ 1,650.00
	Medicine, Maintenance and Operation	20,000.00
From:	Physiology, Maintenance and Operation	\$20,000.00
	Unallocated Faculty Salaries	1,650.00
For:	To realine budgets due to reorganization of departments and to provide funds for unanticipated operating expenses. (RBC 182)	
  
4. Amount of Transfer: \$594.00
 

To:	Obstetrics and Gynecology - Travel	\$594.00
From:	Obstetrics and Gynecology - Maintenance and Operation	\$594.00
For:	To provide funds needed for travel expenses not anticipated in original budget. (RBC 194)	

BUDGET ADJUSTMENT:San Antonio Health Science Center

1. Amount of Adjustment: \$10,000.00
 

To:	Xerox Services - Xerox Rental	\$10,000.00
From:	Credit for Xerox Services	\$10,000.00
For:	To adjust anticipated income and to budget this amount for needed operations. (RBC 170)	
  
2. Amount of Adjustment: \$12,600.00
 

To:	Scientific Computer Center Services, Maintenance and Operation	\$12,600.00
From:	Credit for Sales and Services	\$12,600.00
For:	To adjust anticipated income and to budget this amount for needed operations. (RBC 177)	

Miss

DENTAL SCHOOL CATALOG: In accordance with the recommendation of the Faculty and the Dean, it is requested that the Catalog be approved for the academic year 1973-74:

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO  
CATALOGUE OF THE UNIVERSITY OF TEXAS DENTAL SCHOOL AT SAN ANTONIO  
for 1973-1974  
and announcements for 1974-1975



The official seal adopted by the Board of Regents of The University of Texas Health Science Center at San Antonio for use on all transcripts, diplomas, and other documents which require such official action.

The University of Texas Dental School at San Antonio  
7703 Floyd Curl Drive  
San Antonio, Texas 78284

Phones:

Administrative Offices	(512) 696-6466
Faculty Offices	(512) 696-6461
Clinic Patients	(512) 696-6460

(to be printed inside the front cover in small print)

Catalogues published by The University of  
Texas Health Science Center at San  
Antonio:

Dental School  
Medical School  
Graduate School of Biomedical  
Sciences

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    School at San Antonio    The University of Texas Dental  
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    Biomedical Sciences at  
    San Antonio    The University of Texas School  
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## BOARD OF REGENTS

Officers

A. G. McNeese, Jr., Chairman  
 Dan C. Williams, Vice-Chairman  
 Betty Anne Thedford, Secretary

Members

Terms Expire January, 1975

Frank C. Erwin, Jr.	Austin
Jenkins Garrett	Fort Worth
Dan C. Williams	Dallas

Terms Expire January, 1977

Mrs. Lyndon B. Johnson	Stonewall
A. G. McNeese, Jr.	Houston
Joe T. Nelson, M.D.	Weatherford

Terms Expire January, 1979

James E. Bauerle, D.D.S.	San Antonio
Edward Clark	Austin
Allan Shivers	Austin

## OFFICERS OF ADMINISTRATION

General Administration

Charles A. LeMaistre, B.A., M.D. Chancellor of The University of Texas System, Austin

William H. Knisely, Ph.B., B.S., M.S., Ph.D., Vice Chancellor for Health Affairs of The University of Texas System, Austin

E. D. Walker, M.B.A., C.P.A., Deputy Chancellor for Administration of The University of Texas System, Austin

Frank Harrison, B.S., M.S., Ph.D., M.D., President of The University of Texas Health Science Center at San Antonio

Robert B. Price, B.B.A., M.B.A., C.P.A., Vice President for Business Affairs of The University of Texas Health Science Center at San Antonio

Stanley E. Crawford, M.D., Dean, The University of Texas Medical School at San Antonio

Armand J. Guarino, B.S., Ph.D., Dean, The Graduate School of Biomedical Sciences of The University of Texas Health Science Center at San Antonio

J. D. Robertson, B.S., D.M.D., Acting Dean, The University of Texas Dental School at San Antonio

Warren G. Harding, B.A., M.Ed., Director of Hospital Affairs, The University of Texas Medical School at San Antonio

Paul Cutler, B.A., M.D., Associate Dean for Clinical Affairs, The University of Texas Medical School at San Antonio

Carlos Pestana, B.S., M.D., Ph.D., Associate Dean for Academic Development, The University of Texas Medical School at San Antonio

Shailer Peterson, B.A., M.A., Ph.D., Associate Dean, The University of Texas Dental School at San Antonio

William F. Smith, B.S., M.B.A., Assistant Director of Hospital Affairs, The University of Texas Medical School at San Antonio

Betty M. Compton, B.A., Registrar

David M. Shapiro, B.S., Ph.D., Assistant to the Dean, The Graduate School of Biomedical Sciences

David A. Kronick, B.A., B.S.L.S., Ph.D., Librarian

Fred W. Todd, B.B.A., M.A., M.L.S., Assistant Librarian

Billy D. Vandeventer, Financial Aids Officer

Business Administration

Bruce M. Smith, B.A., C.P.A., Business Manager

Earl A. Siebold, B.B.A., C.P.A., Associate Business Manager

Billy J. Barker, B.B.A., Budget Officer

Elmo M. Cavin, B.B.A., Director of Accounting

Paul C. Crall, B.S., Director of Physical Plant

Daniel D. Davis, B.B.A., Acting Purchasing Agent

Travis M. Fleming, Jr., B.S., Personnel Director

Jack C. Park, B.B.A., Internal Auditor

Gary J. Robisheaux, B.B.A., Director of General Services

Arthur Bonnet, Chief of Security

William S. Myers, B.B.A., L.L.B., Executive Assistant, of The University of Texas Dental School at San Antonio

## DEPARTMENTAL CHAIRMEN

The following are Departments within the Basic Sciences which serve both dental students and medical students; and also departments of Dental Science and Clinical Science which serve the dental students.

## ANATOMY

Edward G. Rennels, Ph.D.

## ANESTHESIOLOGY

Howard L. Zauder, M.D., Ph.D.

## BIOCHEMISTRY

Armand J. Guarino, Ph.D.

## BIO-ENGINEERING

Caspar W. Hiatt, III, Ph.D.

## LABORATORY ANIMAL MEDICINE

Benjamin D. Fremming, D.V.M.

## LIBRARY

David Kronick, Ph.D.

## MICROBIOLOGY

Alexis Shelokov, M.D.

## PATHOLOGY

Frank M. Townsend, M.D.

## PHARMACOLOGY

Arthur H. Briggs, M.D.

## PHYSIOLOGY

Timothy N. Caris, M.D., (Acting)

## PSYCHIATRY

Robert L. Leon, M.D.

## RADIOLOGY

Peter Zanca, M.D.

## SURGERY

J. Bradley Aust, M.D., Ph.D.

## ANATOMY, DENTAL

Billy E. Rigsby, D.D.S. (Acting)

## BIOMATERIALS

Donald C. Hudson, D.D.S.

## COMMUNITY DENTISTRY

Sidney L. Miller, D.D.S., M.P.H.

## DIAGNOSIS AND ROENTGENOLOGY

Charles R. Morris, D.D.S.

## ENDODONTICS

(Vacant)

## GENERAL PRACTICE

Billy E. Rigsby, D.D.S.

OPERATIVE DENTISTRY  
James M. Childers, D.M.D.

ORTHODONTICS  
(Vacant)

OUTPATIENT DIVISION  
Charles Jarvis, D.D.S. (Clinic Director)

PEDODONTICS  
(Vacant)

PERIODONTICS  
Sam W. Hoskins, Jr., D.D.S.

PROSTHODONTICS  
Earl E. Feldmann, D.D.S. (Acting)

SURGERY, ORAL  
Hugh B. Tilson, D.D.S.



ACADEMIC CALENDAR

1973-74	Beginning of Summer Clinic for Juniors and Seniors	July 9, 1973
	Completion of Summer Clinic for Juniors and Seniors	August 17, 1973
	Convocation and Registration for Freshmen	August 20, 1973
	Registration for Sophomore, Juniors and Seniors	August 21, 1973
	Classes begin for all four classes for First Semester	August 22, 1973
	Labor Day Holiday	September 3, 1973
	Thanksgiving Holidays	November 21-23, 1973
	Classes resume	November 26, 1973
	Last day of 1st Semester Classes for all students	December 14, 1973
	Examination Week	December 17-20, 1973
	Faculty Promotions Meetings	December 21, 1973
	Christmas Vacation begins	December 24, 1973
	Classes begin for all four classes of Second Semester	January 7, 1974
	Spring Vacation	March 13-15, 1974
	National Board Exams for Seniors and Sophomores	April 1-2, 1974
	Good Friday Holiday	April 12, 1974
	San Jacinto Fiesta Holiday	April 26, 1974
	Last day of 2nd Semester Classes for all students	May 3, 1974
	Examination Week	May 6-9, 1974
	Faculty Promotions Meetings	May 10, 1974
	First Graduation Ceremony	June 1, 1974
	Beginning of Summer Clinic for Juniors and Seniors	July 8, 1974

(NOTE: Some dates still subject to change.)

## GENERAL INFORMATION

### The South Texas Medical Center

The San Antonio Medical Foundation acquired 683 acres of land in northwest San Antonio for the South Texas Medical Center. The Southwest Texas Methodist Hospital, which opened in 1963, became the Center's first operational facility. In 1961, the Foundation donated 100 acres to The University of Texas System for health science activities, and by now the South Texas Medical Center has grown to include 16 institutions with 6,500 employees and combined annual budgets of more than \$60,000,000 to provide health care services, education and research.

### The University of Texas Health Science Center at San Antonio

The University of Texas Health Science Center at San Antonio is located in the South Texas Medical Center and is comprised of The University of Texas Medical School, Dental School, and Graduate School of Biomedical Sciences at San Antonio. It was established by the Board of Regents of The University of Texas in late 1972 to coordinate biomedical units for efficiency and effectiveness in academic programs, management and fiscal operations. Dr. Frank Harrison was appointed president of the Center and each of its schools is administered by its own dean.

### The University of Texas Medical School at San Antonio

The University of Texas Medical School at San Antonio was authorized by the 56th Texas Legislature in 1959. Under the leadership of Dr. F. Carter Pannill, faculty recruitment began in 1965. Construction of the building was started a year later and completed in July 1968.

Until the building was completed, faculty and staff were housed at Trinity University in San Antonio. Enrollment of students began in 1966 but classes were attended in The University of Texas Medical Schools at Dallas and Galveston until the San Antonio facility was completed. In 1969 the first full class of 104 students matriculated, and the first graduating class of 33 students received Doctor of Medicine degrees in 1970. There are presently over 400 students in the three and four-year medical programs, and it is anticipated that entering

classes will number 200 students by 1980. There are now nearly 300 physicians and scientists on the medical school faculty and total employees number approximately 272. Dr. Stanley E. Crawford, Professor of the Department of Pediatrics, was named dean in March 1973.

The medical school building contains 432,816 square feet in four levels of irregular configuration. It includes modern classrooms, multidisciplinary teaching laboratories, student study and audiovisual carrels, auditorium, and library, as well as faculty offices and research laboratories. Administrative offices and service areas are also included in the building. Because of its excellent acoustics, the auditorium is used for many community activities including recitals and lectures and its spacious foyer is popular for frequent major art exhibitions. A separate central utilities plant serves all buildings of the Health Sciences Center.

A separate catalogue is published for The University of Texas Medical School at San Antonio.

#### The University of Texas Dental School at San Antonio

The University of Texas Dental School at San Antonio was authorized by the 61st Texas Legislature in May 1969. By using temporary facilities in the medical school, the dental school opened in September 1970 with 16 first-year dental students and now has a total enrollment of 62 students. Its first graduating class will be in June 1974.

Construction of the separate building for the dental school was begun in early 1973 and is expected to be completed by late 1975. It will also be a four-level structure of 453,769 square feet compatible in design and material to the medical school. The medical school and dental school buildings will be connected at each level to insure maximum sharing of commonly used teaching and research facilities.

The completed dental facility will provide a capacity for 152 dental students to enter each year for the four-year dental program, 48 dental hygiene students to enter each year for the two-year dental hygiene program, 48 dental assistant students to enter each year for the

one-year dental assistant program, and 24 dental laboratory technicians to enter each year for the two-year dental laboratory technician program. Graduate programs in all dental specialties will be offered, and emphasis will be placed on research programs and programs of continuing dental education. Dr. John Victor Olson served as dean-elect of The University of Texas Dental School at San Antonio until Dr. J. D. Robertson was appointed acting dean in November 1972.

#### The Graduate School of Biomedical Sciences at San Antonio

Offices of The Graduate School of Biomedical Sciences at San Antonio are located in The University of Texas Health Science Center at San Antonio.

Graduate programs leading to the Master of Arts and Doctor of Philosophy degrees in Anatomy, Biochemistry, Biophysics, Microbiology and Pharmacology were approved in 1970. Initial enrollment began that year with 15 students and has now grown to 40 students with six doctoral degrees awarded. In addition, a combined program is offered through cooperation of the medical and graduate schools which allows a student to obtain an M.D. and an M.A. or an M.D. and a Ph.D. degree.

Dr. Armand J. Guarino, Professor and Chairman of Biochemistry, was appointed dean in March 1973.

More detailed information about the graduate programs may be found in the catalogue of The Graduate School of Biomedical Sciences at San Antonio.

#### The University of Texas School of Nursing at San Antonio

The University of Texas School of Nursing at San Antonio shares the campus with The University of Texas Health Science Center at San Antonio. It was authorized by the Texas Legislature in 1969 and began admitting students in 1970. Present enrollment includes 176 undergraduate and 29 graduate students who occupy temporary facilities within and adjacent to the medical school.

Construction of a separate building was begun near the new dental school early in 1973 with completion scheduled in late 1974.



It will consist of 78,756 square feet in a two-level building which will accommodate 400 undergraduate and 75 graduate nursing students. Dr. Margretta M. Styles was appointed Associate Dean of The University of Texas (Clinical) Nursing School at San Antonio in 1969 and appointed Dean of the School of Nursing in late 1972.

A separate catalogue is published about The University of Texas School of Nursing at San Antonio.

### Research

Even though the medical and dental schools are relatively new, they have already attracted nearly \$13 million in sponsored research and other programs. Cooperative research projects are conducted with other University of Texas institutions and with The Southwest Foundation for Research and Education in San Antonio.

### Future Teaching Facilities

Groundbreaking ceremonies were held on January 3, 1973 for the new Dental School building. It is expected that the new school will be ready for occupancy in late 1975 or early 1976. Even when the new facility is completed, the Dental School will continue to share with the Medical School in the use of the fine Auditorium and the excellent Library.

As shown in one of the illustrations in this catalogue, the new school will match the architecture of the present Medical School and will also be on four levels. The new school is built around three types of modules. One large module houses faculty offices with preparation and research laboratories for the faculty. This module is attached by corridors to the section of the Medical School which houses the Basic Science laboratories and faculty offices.

The faculty module joins the other two modules one of which houses the clinical areas, and the other which includes the multidisciplinary laboratories, the lecture rooms, and the instructional developmental areas.

The new dental school will consist of 453,769 square feet. This new building will accommodate programs for the following entering students:

152 dental freshman students entering a four-year program;  
48 dental hygiene students entering a two-year program;  
48 dental assisting students entering a one-year program;  
24 dental laboratory technology students entering a two-year  
program.

In addition, it is expected that there will be about 100 graduate and postgraduate students enrolled in dental specialty education programs; and some enrolled in graduate programs in the Basic Sciences.

There are also provisions for courses in continuing dental education for dentists as well as for all members of the dental health team. It is anticipated that there will be about 200 full-time faculty members plus a large number of part-time faculty; and also about 300 other employees and staff.

Each Junior and Senior student will be assigned to a clinic cubicle that is a simulated dental office about 100 square feet in size. Each Freshman and Sophomore student will be assigned to a multidisciplinary unit or station that is more than 40 square feet in size. Each will have a color TV monitor and color TV cassette player along with access to other audio-visual educational media. These students will perform all of the microscopic and other laboratory work in this area.

#### Present Teaching Facilities

The Dental School and the Medical School share jointly in the use of the new and modern auditorium that seats 650; and the modern library which is described in some detail elsewhere in this catalogue.

Prior to taking its first class of 16 students in September 1970, an area of 22,000 square feet on the level just beneath the Auditorium was remodeled to accommodate classrooms, offices, and dental clinics. This space is used exclusively for the dental program and includes offices of the administration, conference rooms, five classrooms, student and faculty laboratories, patient waiting room, x-ray and diagnostic clinic areas, 32 clinic cubicles, dispensary, study carrel rooms, and faculty offices. In addition, the Medical School

has loaned the use of three multidisciplinary laboratories and preparation room located in the Medical School proper, for the full time use of the dental students and faculty. Also, some classrooms in the Medical School are used from time to time.

The space and equipment is very ample for the classes of 32 which are currently being admitted each year until the completion of the new dental school building. The first two classes in 1970 and 1971 each contained 16 Freshmen. In 1972, 32 Freshmen were admitted and a class of 32 has been accepted for 1973. The same class size is anticipated for 1974.

The pictures contained in this catalogue show the excellence of the space and equipment; and visitors are always welcome to visit the School. As mentioned elsewhere, applicants are always encouraged to visit the professional school to which they are applying; at which time they can meet and visit with faculty and students.

The only other program being conducted at this time is the advanced program in Oral Surgery which makes use of the present facilities and also the facilities of Bexar County Hospital District, which joins the Medical School building.

There is neither space nor facilities for the conduct of programs in Dental Hygiene, Dental Assisting, or Dental Laboratory Technology until the new building is completed. These and other programs will be added when the new building is occupied.

#### San Antonio, The City of

The eleventh largest city in the United States and one of its most interesting and colorful, San Antonio is a cosmopolitan community of about 750,000 residents. Site of the historic Alamo, San Antonio reflects its twin cultural heritage -- Spanish and American -- from the early missions to modern skyscrapers. Located in South Central Texas in a sub-tropical climate, the city enjoys normal mean temperature ranges from 52 degrees in January to 84 degrees in July. Already the home of two universities and four colleges, San Antonio is also the location of a new University of Texas academic institution

authorized in 1969 by the 61st Texas Legislature. The campus is now under construction in the foothills of Texas' "hill country", north of the Health Science Center.

### Policy

With respect to the admission and education of students, the employment and promotion of teaching and nonteaching personnel, and student and faculty activities conducted on premises owned or occupied by the university, neither The University of Texas nor any of its component institutions shall discriminate either in favor of or against any person on account of his or her race, creed, sex, or color.

### THE LIBRARY

The library is one of the Health Science Center's primary resources for individual learning and research. It serves as a repository of information for all the learning, research and medical care functions of the Center. It also serves as a laboratory in which the student can begin to acquire the necessary skills in information processing which will serve him the rest of his professional life. An active program of orientation in the use of these information resources is one of the important functions of the library staff.

Despite the fact that the library is less than ten years old, it already numbers well over 70,000 volumes. The library subscribes to more than 1800 current serial and periodical titles. The collection covers the broad range of the health related sciences, including nursing and dentistry, and the associated basic disciplines including environmental health and veterinary sciences, as well as relevant materials in psychology, sociology and the humanities. A browsing collection covering literature, drama, the arts, history and other subjects is also maintained for the students, staff and faculties of the Center. The library serves as one of the eleven resource libraries in the five states (Texas, Oklahoma, Louisiana, Arkansas, New Mexico) comprising the South Central Regional Medical Library. It has access through a teletypewriter and computer terminals to data bases and literature resources all over the country, including direct access to the National

Library of Medicine. Among the other literature resources in San Antonio is the excellent School of Aerospace Medicine Library at Brooks Air Force Base with a collection close to 100,000 volumes. Close cooperation exists with this and other San Antonio area libraries through a local consortium called Council of Research and Academic Libraries.

One section of the library contains special carrels which have been designed and engineered by the dental faculty for use by the dental students in their self instructional program, and also for special teaching and review. One of these carrels makes use of color TV cassette player and monitor; and another makes use of the synchronized audio cassette and slide projector. These carrels are the first generation of learning equipment that will be installed in the new building for use by both undergraduate and graduate students.

The library contains a Learning Resource Center which houses the library's collection of non-book media and facilities for their use. The Center has thirty-one individual audiovisual carrels, six small group study areas, and four large group study areas which can be used on a scheduled or unscheduled basis. The six small group study areas and some of the carrels are equipped with television monitors connected to the Health Science Center Demand Access Television System, which provides access to more than 300 videotapes.

#### ACCREDITATION STATUS

It is the policy and practice of the Council on Dental Education of the American Dental Association to review the plans of any new school; to review its Program during the first and the second year of its operation and then to give final appraisal during the fourth year and prior to the graduation of the first class of students. This procedure has been followed and The University of Texas Dental School at San Antonio has been accredited by the Council for the program that has been reviewed.

### ADVANCED PROGRAMS

At the present time, there is only one Advanced Educational Program sponsored by The University of Texas Dental School at San Antonio. This is a three-year Program in Oral Surgery which is jointly sponsored by The University of Texas Medical School at San Antonio and also by The Bexar County Hospital District.

This three-year Program accepts one student each year who must have a dental degree. Information about the Requirements for admission and about the stipends can be obtained by writing to The Office of the Dean or to the Registrar or to the Chairman of the Department of Oral Surgery in the Dental School.

When the dental education program is ready to enter the new building that is being started, Advanced Programs will be offered in essentially all of the recognized Specialties in Dentistry; and in addition graduate and postgraduate programs in preclinical areas and in the Basic Sciences will be offered.

### AUXILIARY DENTAL PERSONNEL PROGRAMS

The practicing dentist employs the services of three members of the "Dental Health Team". This includes the Dental Assistant, the Dental Hygienist, and the Dental Laboratory Technician. Like the Dentist, the Dental Hygienist is licensed to practice by the State. The Dental Assistant and the Dental Laboratory Technician have Certification Programs at the National level.

All members of the Dental Health Team will be employed in the Dental School to assist in the education of the dental students. When the Dental School has moved into its new building, there will also be educational programs for all members of the auxiliary dental personnel. It is expected that these programs will begin either late in 1975 or early in 1976. Some of these programs may be given in cooperation with

The University of Texas at San Antonio, and with other non-dental institutions.

PROCEDURES FOR MAKING APPLICATION

Applications for the first year classes of all University of Texas System Medical and Dental Schools are processed by the Medical and Dental Application Center, The University of Texas System. Application materials may be obtained by writing to: The University of Texas System Medical and Dental Application Center, 800 Brazos, Suite 801, Austin, Texas 78701. Telephone is (512) 477-6125.

The following requirements are stipulated for official consideration of an application for admission to the Dental School.

1. Applications will be accepted only between July 1 and November 30 of the year preceding expected matriculation.
2. Applications must be made on the current year's official forms of The University of Texas System Medical and Dental Schools.
3. The Application Center for The University of Texas System medical and dental schools must receive:
  - a. All application forms completed and signed where appropriate.
  - b. Official transcripts of course work and grades directly from all academic institutions attended.
  - c. An evaluation of the applicant from the Pre-Professional Advisor or Advisory Committee.
  - d. Scores on the DAT.
  - e. Examination from a physician and a dentist on the prescribed forms.
  - f. A non-refundable filing fee, based on the number of schools to which an applicant is applying: \$10.00, one school; \$13.00, two schools; \$16.00, three schools; \$19.00, four schools; \$22.00, five schools; \$25.00, all schools.

- g. Photographs for each school and the Application Center.
4. The University of Texas System Medical and Dental Application Center is operated for administrative purposes involving the application process. All actions on admission to a professional program are the prerogative of the admissions committees of the individual professional schools. All questions concerning the status of a completed application should be directed to the Registrar of the Dental School. Questions concerning the degree of completion of an application should be directed to the Application Center.

The Admissions Committee consists of faculty members from both The University of Texas Dental Branch at Houston and The University of Texas Dental School at San Antonio; and this Committee serves both schools. The Committee considers the qualifications of persons making application to one or both of these two State Dental Schools and selects those who in the judgment of the Committee are the best qualified. Applicants who have a preference to attend either of the two schools are assigned to the school of their preference if there is space available. The Dental School at San Antonio is currently accepting 32 students in a class; and The Dental Branch at Houston is accepting 124. The two schools are not competing in any way, so it is equally easy or equally difficult to obtain admission to either one of them.

An applicant is encouraged to visit at least one of the dental schools to which he is making application; and it is also suggested that he make an appointment so that he can meet some of the faculty and students and be given a tour through the School.

Most pre-professional schools have Committees who are interested in the progress of the Predental students and who are given the responsibility for preparing an appraisal of the applicant and sending this to the dental school Admissions Committee. When in doubt about seeking persons to write these letters of recommendation, consult with the Registrar of this School or with the Associate Dean.



Applicants often inquire as to whether they should file applications with more than one dental school; and also whether or not these multiple applications cause the school any concern. The answer is that every Dental School Committee will strongly advise an applicant to file several applications. An applicant should follow up on his applications by letter and sometimes even by personal interview to determine either what his chances seem to be, or to find out why he was not selected.

#### REQUIREMENTS FOR ADMISSION

Students are advised to choose a program of study leading to the baccalaureate degree by the beginning of the sophomore year and to strive for an average grade of B or better in their overall course work. A grade of at least C must be earned in each of the required courses.

Admission to The University of Texas Dental School at San Antonio requires a minimum of sixty semester hours of college work from an accredited college, including the following courses:\*

- (1) English: One year of college English.
- (2) Biology: Two years, as required for science majors: one year must be completed in residence at a college and must include formal laboratory work.
- (3) Physics: One year as required for science majors.
- (4) Chemistry: Two years; one year of general chemistry and one year of organic chemistry as required for science majors and including the corresponding laboratory experience.

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\*Credit hours given for advanced standing, credit by examination, etc., must appear on the applicant's transcript. Although history and government are not required for entrance into or graduation from dental school, they are required to qualify for the baccalaureate degree from Texas state colleges and universities.

In addition to the scholastic requirements for admission, all candidates are required to take the Dental Admission Test (DAT). It is given at several testing centers in the state by the Council on Dental Education of the American Dental Association. Candidates are advised to take the test after they have completed at least one year of pre-dental college work. An application to take the Dental Admissions Test and a brochure describing the testing program may be obtained from the Dean's Office or the Office of the Registrar of the Dental School.

#### DENTAL ADMISSIONS TEST

The Dental Admissions Test is sponsored by the Council on Dental Education of the American Dental Association. The DAT test results are required by all dental schools.

The Dental Admissions Test (DAT) is given three times a year, in the Fall (either September or October depending on the schedule), in January and in April. The Fall testing period is the latest time that the test may be taken to be positive that the scores will be available for the records of an applicant who expects to be admitted the following August. DAT records that are two or more years old will not be accepted.

Applicants are strongly advised to prepare themselves for taking the DAT. Applicants can review in areas of General Chemistry, Organic Chemistry, and in the Biological sciences; and they can prepare themselves for taking objective type tests; and there are books available for this purpose.

The DAT can be retaken but all scores or records become available to the schools considering the applicant.

When the applicant makes application to take the DAT test, he must instruct the Division of Educational Measurements to send the test results to The University of Texas System, Medical and Dental Application Center in Austin.

The Division of Educational Measurements publishes a book titled, Admission Requirements of American Dental Schools; and this contains useful information to all applicants.

The address of the Division of Educational Measurements of the American Dental Association is:

211 East Chicago Avenue  
Chicago, Illinois 60611  
(Phone: (312) 944-6730)

Fee Schedule for taking the DAT:

- \$15.00 - - examination fee (5 school reports and candidate's copy)
- \$ 1.00 - - additional test reports requested at time of application
- \$ 2.00 - - additional test reports requested after taking examination
- \$20.00 - - fee for taking examination at a foreign test center

#### ADMISSION TO ADVANCED STANDING

Students who seek admission to the Dental School with advanced standing must submit the Advanced Standing Application Form and all supporting records required of the beginning students to the Associate Dean or the Registrar of the Dental School at San Antonio.

Ordinarily, for a student to be considered for admission with advanced standing, it would be necessary that he:

1. Be an exceptionally well qualified student;
2. Not have received any failures or conditions;
3. Secure a letter of recommendation from the Dean of the school he is or has been attending which includes a statement that he is eligible for readmission to that school;
4. Meet all requirements for admission that are expected of

every other student admitted to the Dental School, including a satisfactory score on the Dental Admissions Test.

Applicants with foreign dental degrees must meet the above requirements, with the exception that they will submit scores on Part I of the ADA National Board Examination in lieu of scores on the Dental Admissions Test. Also, they may be given special examinations at this dental school prior to admission, to determine the class level to which they may be admitted.

#### RESIDENCY

The medical and dental schools of The University of Texas are authorized to accept as members of their first year classes a limited number of non-resident students whose qualifications would place them among the top third of the entering class. Residence in Texas for premedical education does not satisfy the bona fide residence requirement.

Pertinent rules and regulations governing residence status pursuant to Title 3, Texas Education Code, effective August 15, 1971 are quoted below. Under these regulations, the term "residence" means "domiciled" and the term "resided in" means "domiciled in". The Commission on Higher Education provides uniform interpretations of the statutes, and interested students should consult the Registrar for such interpretations.

*"MINORS. Statute: Section 54.052(b) An individual, under twenty-one (21) years of age, who is living away from his family, and whose family resides in another state or has not resided in Texas for the 12-month period immediately preceding the date of registration shall be classified as a nonresident student;*

*Section 54.052(c) An individual twenty-one (21) years of age or under whose family has not resided in Texas for the 12-month period immediately preceding the date of registration shall be classified as a nonresident student regardless of whether he has become the legal ward of residents of Texas while he is attending an educational institution in Texas, or within a 12 month period before his attendance, or under circumstances*

indicating that the guardianship or adoption was for the purpose of obtaining status as a resident student;

Section 54.055 An individual 21 years of age or under whose parents were formerly residents of Texas is entitled to pay the resident tuition fee following the parents' change of legal residence to another state, as long as the individual remains continuously enrolled in a regular session in a state-supported institution of higher education.

RESIDENCE OF INDIVIDUALS OVER 21. Statute: Section 54.052(d) An individual Twenty-one (21) years of age or over who has come from outside Texas and who is gainfully employed in Texas for a 12-month period immediately preceding registration in an educational institution shall be classified as a resident student as long as he continues to maintain a legal residence in Texas; and

Section 54.052(e) An individual twenty-one (21) years of age or over who resides out of the state or who has come from outside Texas and who registers in an educational institution before having resided in Texas for a 12-month period shall be classified as a nonresident student.

Section 54.054 A nonresident student classification is presumed to be correct as long as the residence of the individual in the state is primarily for the purpose of attending an educational institution. After residing in Texas for at least twelve (12) months, a nonresident student may be reclassified as a resident student as provided in the rules and regulations adopted by the Coordinating Board, Texas College and University System. Any individual reclassified as a resident student is entitled to pay the tuition fee for a resident of Texas at any subsequent registration as long as he continues to maintain his legal residence in Texas.

MARRIED STUDENTS. Statute: Section 54.056 A nonresident who marries and remains married to a resident of Texas, classified as such under this Act at the time of the marriage and at the time the nonresident registers, is entitled to pay the resident tuition fee regardless of the length of time he has lived in Texas, and any student who is a resident of Texas who marries a nonresident is entitled to pay the resident

tuition fee as long as he does not adopt the legal residence of the spouse in another state.

*MILITARY PERSONNEL AND VETERANS. Statute: Section 54.058(a) Military personnel are classified as provided by this section in the following manner:*

*(b) An officer, enlisted man or woman, selectee or draftee of the Army, Army Reserve, Army National Guard, Air National Guard, Texas State Guard, Air Force, Air Force Reserve, Navy, Navy Reserve, Marine Corps, Marine Corps Reserve, Coast Guard, or Coast Guard Reserve of the United States, who is assigned to duty in Texas is entitled to register himself, his spouse, and their children in a state institution of higher education by paying the tuition fee and other fees or charges required of Texas residents, without regard to the length of time he has been assigned to duty or resided within the state. However, out-of-state Army National Guard or Air National Guard members attending training with Texas Army or Air National Guard members under National Guard Bureau regulations may not be exempted from nonresident tuition by virtue of that training status nor may out-of-state Army, Air Force, Navy, Marine Corps, or Coast Guard Reserves training with units in Texas under similar regulations be exempted from nonresident tuition by virtue of such training status. It is the intent of the legislature that only those members of the Army or Air National Guard, Texas State Guard, or other reserve forces mentioned above be exempted from the nonresident tuition fee and other fees and charges only when they become members of Texas units of the military organizations mentioned above.*

*(c) As long as they reside continuously in Texas, the spouse and children of a member of the Armed Forces of the United States who has been assigned to duty elsewhere immediately following assignment to duty in Texas are entitled to pay the tuition fees and other fees or charges provided for Texas Residents.*

*(d) If nonresident military personnel are attending an institution of higher education under a contract between the institution and any branch of the Armed Forces of the United States, in which the tuition*

of the member of the military is paid in full by the United States Government, the student shall pay the nonresident tuition fee;

(e) A Texas institution of higher education may charge to the United States Government the nonresident tuition fee for a veteran enrolled under the provisions of a Federal law or regulation authorizing educational or training benefits for veterans;

(f) The spouse and children of a member of the Armed Forces of the United States who dies or is killed are entitled to pay the resident tuition fee, if the wife and children become residents of Texas within 60 days of the date of death; and

(g) If a member of the Armed Forces of the United States is stationed outside Texas and his spouse and children establish residence in Texas by residing in Texas and by filing with the Texas institution of higher education at which they plan to register a letter of intent to establish residence in Texas, the institution of higher education shall permit the spouse and children to pay the tuition, fees, and other charges provided for Texas residents without regard to length of time that they have resided within the State.

EMPLOYEES OF INSTITUTIONS OF HIGHER EDUCATION OTHER THAN STUDENTS.

Statute: Section 54.059 A teacher, professor, or other employees of a Texas Institution of higher education is entitled to register himself, his spouse, and their children in a state institution of higher education by paying the tuition fee and other fees or charges required for Texas residents without regard to the length of time he has resided in Texas. A teacher, professor, or other employee of a Texas institution of higher education is any person employed at least one-half time on a regular monthly salary basis by a state institution of higher education.

STUDENT EMPLOYEES.

Statute: Section 54.051(o) A teaching assistant, research assistant, or other student employee of any institution covered by this section is entitled to register himself, his spouse, and their children in a

state institution of higher education by paying the tuition fees and other fees or charges required for Texas residents, without regard to the length of time he had resided in Texas; provided that said student employee is employed at least one-half time in a position which relates to his degree program under rules and regulations established by the employer institution. The exemption shall continue for students employed two consecutive semesters through the summer session following such employment if the institution is unable to provide employment and, as determined under standards established by the institution, if the employee has satisfactorily completed his employment.

COMPETITIVE SCHOLARSHIPS.

Statute: Section 54.051(p) A nonresident student holding a competitive scholarship of at least \$200.00 for the academic year or summer for which he is enrolled is entitled to pay the fees and charges required of Texas residents without regard to the length of time he has resided in Texas, provided that he must compete with other students, including Texas residents, for the scholarship and that the scholarship must be awarded by a scholarship committee officially recognized by the administration of the institution of higher education.

CITIZENS OF ANY COUNTRY OTHER THAN THE UNITED STATES OF AMERICA.

Statute: Section 54.057 An alien who is living in this country under a visa permitting permanent residence or who has filed with the proper Federal immigration authorities a declaration of intention to become a citizen has the same privilege of qualifying for resident status for fee purposes under this Act as has a citizen of the United States. A resident alien residing in a junior college district located immediately adjacent to Texas boundary lines shall be charged the resident tuition by that junior college.

RECIPROcity CLAUSE APPLICABLE TO JUNIOR COLLEGES. Statute: Section

54.060 The nonresident tuition fee prescribed in this Act does not apply



to a nonresident student who is a resident of a state situated adjacent to Texas and who registers in any Texas public junior college situated immediately adjacent to the state in which the nonresident student resides. The nonresident student described in the Subsection shall pay an amount equivalent to the amount charged a Texas student registered at a similar school in the state in which the nonresident student resides.

PENALTIES. Statute: Section 54.053 The governing board of each institution required by this Act to charge a nonresident tuition or registration fee is subject to the rules, regulations, and interpretations issued by the Coordinating Board, Texas College and University System, for the administration of the nonresident tuition provisions of this Act. The rules, regulations, and interpretations promulgated by the Coordinating Board shall be furnished to the presidents or administrative heads of all Texas public senior and junior colleges and universities.

Section 54.061 The governing board of an institution of higher education may assess and collect from each nonresident student who fails to comply with the rules and regulations of the boards concerning nonresident fees a penalty not to exceed \$10 a semester."

COST OF DENTAL EDUCATION

ITEM	<u>SUMMARY OF EXPENSES</u>			
	FRESHMEN	SOPHOMORES	JUNIORS	SENIORS
Tuition Deposit*	\$30	---	---	---
Tuition, Resident	\$300	\$300	\$300	\$300
Tuition, Out-of-State	\$900	\$900	\$900	\$900
Instruments	\$1100	\$1100	\$300	\$100
Textbooks	\$275	\$250	\$75	\$50
Rental, Microscope	\$60	\$60	none	none
Lab. Fee	\$32	\$32	none	none
Parking**	\$3	\$3	\$3	\$3

Hospitalization***	\$46.56	\$46.56	\$46.56	\$46.56
Student Health Fee	\$45	\$45	\$45	\$45
Other Misc. Fees	\$2	---	---	---
Graduation Fee	---	---	---	\$25

\* Deposit to be applied to first year's tuition, refundable prior to registration.

\*\* Automobile fee is \$3.00 a year for first vehicle and \$1.00 for second vehicle. Motorcycle fee is \$1.50.

\*\*\*Item varies with the number of persons in the family.

Note: Tuition and/or fees are subject to change without prior notice by action of the Legislature and/or the Board of Regents.

#### Fees

The laboratory fee is \$32.00 for each of the first two years.

A microscope rental fee is \$60.00 per year the first two years. The microscope, which is required, is of high quality. Maintenance is provided by the school. The student activity fee is \$45.00 a year to help cover the costs of students' outpatient hospital charges in the Student Health Service. Each student as authorized by the State Legislature and approved by the Board of Regents is required to pay the student health fee. The Student Health Service staffed by faculty physicians, provides annual physical examinations, appropriate immunizations, tuberculin testing, laboratory procedures, and chest x-ray examinations when indicated. In addition students who are ill or desire consultation may be seen in the Student Health Service. A physician is on call twenty-four hours a day for the emergency room care of students. The student health fee does not cover outpatient hospital care of student dependents.

An identification fee of \$2.00, payable upon registration, is for a name tag which must be worn during all the dental program and for a student identification card. Lost items, which must be replaced, cost \$1.00 each.

The parking fee is \$3.00 a year and includes one decal. Additional decals for a second or replacement vehicle are \$1.00 each per year. The fee for a motorcycle is \$1.50.

A graduation fee of \$25.00, payable at registration for the fourth year, covers the cost of the diploma, rental of cap, gown, and hood and related graduation expenses.

#### Other Expenses

Hospitalization insurance is \$46.56 a year, the premium for the Blue Cross Hospital Services Plan designed for students at The University of Texas Health Science Center at San Antonio. Students are required to enroll in it or show evidence of enrollment in another hospitalization plan with equal or greater provisions. A student may enroll his spouse and/or children at additional cost. Inpatient hospital charges not reimbursed by hospitalization insurance are the responsibility of the student.

#### Refund of Tuition and Fees

Any student officially withdrawing from school during the first week of class work will receive a refund of 70 percent of the refundable fees; during the second week the amount will be 60 percent; during the third week, 40 percent; and during the fourth week, 20 percent. No refunds are made upon withdrawal during the fifth week and thereafter, and in no case shall the total refund exceed 70 percent of the tuition and fees. Refunds will be prepared within 30 days and mailed to the student's forwarding address left with the registrar.

#### Exemption From Fees

Texas ex-servicemen may, as directed by the State Legislature, be exempted from certain required fees but not deposits when meeting these criteria: (1) has resided in Texas for a period of not less than twelve months before the date of registration; (2) was a "bona fide" legal resident of the state at the time of entering service; (3) served in

the armed forces or in certain auxiliary services in World War I, World War II, the Korean conflict, or the Cold War; (4) was honorably discharged therefrom (except those discharged because of being over the age of thirty-eight or because of a personal request); (5) is not eligible for education benefits provided for veterans by the United States Government. Exemption from payment of certain fees also extends to children of members of the armed forces killed in action or died while in the service in World War II, or the Korean conflict, or the Cold War and to orphans of members of the Texas National Guard and the Texas Air National Guard killed since January 1, 1946 while on active duty. Application for this exemption should be made to the registrar.

Handicapped Students may have tuition, fees, and other services paid by the Texas Education Agency, through the Vocational Rehabilitation Office, provided the vocational objectives selected by the student have been approved by the representative of the division. Application for vocational rehabilitation should be made to the Rehabilitation District Office, 100 1/2 West Tenth Street, Austin, Texas, or to the District Rehabilitation Office nearest the student's home.

Children of Certain Disabled Public Employees, by an act of the 59th Legislature, i.e., children of certain firemen, peace officers, employees of the Texas Department of Corrections, and game wardens who in the line of duty have suffered injury resulting in death or disability, are exempt from payment of tuition and laboratory fees. For specific information relative to this provision, contact the Commissioner of Higher Education, Sam Houston State Office Building, Austin, Texas.

High-School Graduates of State Orphanages of Texas, by an act of the 51st Legislature, who are citizens of Texas, are exempt from certain required fees but not from deposits. After application for admission has been approved, the candidate should request a scholarship card from the financial aids officer.

### Dental Instruments and Supplies

A list of the required instruments and supplies that the student will need for the first year will be mailed preceding registration. Each year a new list will be issued.

In order to master the knowledge and skills essential to professional practice, the student-dentist must possess certain equipment that he will need to use in his educational and experience program. While these lists will appear lengthy and complicated, they are carefully reviewed by the faculty and the administration every year so as to keep them at a minimum, but also to assure that the proper and best instruments will be available so that each student can perform his best work.

There are several dental supply companies in San Antonio which stock the equipment and supplies that are needed. Most students purchase the equipment as a complete kit but the items can also be purchased individually. It is important that the particular make, model, and other specifications be used so as to guarantee that every student has an equal opportunity to perform the tasks and obtain the experiences that will be expected of him.

The question is often asked as to whether a student may buy used instruments. If a student wishes to purchase and use used instruments he should be sure that (1) they are on the prescribed list, and (2) they are in good condition. It should be mentioned that nearly all of the instruments will be used by the students after they are graduated and are setting up their own practices. Therefore, there is a very limited number of used instruments available.

The names of the dental supply houses in the San Antonio area will be available along with a list of the specific items and dental instruments that will be required.

### Dental Textbooks and the Bookstore

As in the case of dental instruments, every student needs specific textbooks and manuals for his use. Also, as in the case with the

dental instruments, every student will want to retain these textbooks for use during the other years of his educational program and also for his own professional library when he enters practice.

New lists of textbooks are issued every year and these may be purchased at the Health Science Center's bookstore.

Textbook lists normally list "required" textbooks and "recommended" textbooks. As the word implies, the instructors expect the students to purchase the "required textbooks". The student should consult the instructor as to the advisability of purchasing the "recommended" books; for while they will usually be on reserve in the library, the student may find it more convenient to have his own book if it is to be used often enough.

Second-hand textbooks may be used providing of course that each textbook is the specific edition that is specified on the list. Most students prefer to buy new copies so that they can do their own underlining and note taking within the book as they study from it and receive assignments in it. The bookstore does not sell used books.

The approximate cost of new textbooks needed for the Freshman year is \$275.00.

#### LOAN FUNDS

The University of Texas Dental School at San Antonio is fortunate in having loan funds for needy students. Application forms and complete information concerning loans available to dental students can be obtained from the Financial Aid Officer. The loan funds include:

The General Benjamin Dunn Student Emergency Loan Fund

The Federally Insured Loan Program

Health Professions Loan Program

Hinson-Hazlewood College Student Loan Program

The Robert Wood Johnson Foundation Loan Program

The Franklin Lindsay Student Aid Fund

The Minnie Stevens Piper Foundation Loan Program

The San Antonio District Dental Society Loan Fund

The Women's Auxiliary to the S.A.D.D.S. Emergency Loan Fund

The Women's Auxiliary to the Texas Dental Association Loan Fund

#### SCHOLARSHIPS

A limited number of tuition scholarships have been made available by the State Legislature.

The Health Professions Scholarship Grant Program. Funds are awarded to qualified students on the basis of exceptional need. The recipients are selected by the Loan and Scholarship Committee.

The Robert Wood Johnson Foundation Scholarship Program is administered by the school under the guidance of the American Dental Association. Awards are made to qualified students on the basis of need.

#### STUDENT DEBTS

The University of Texas Dental School at San Antonio is not responsible for debts contracted by individual students or by student organizations. On the other hand The University expects all students and student organizations to conduct themselves honorably in all commercial transactions. The dental school will not assume the role of a collection agency for organizations, firms, and persons to whom students may owe bills, nor will The University adjudicate disputes between students and creditors over the existence or amount of debts.

A student, however, is expected to discharge his contractual obligations. In the event of conduct on the part of a student clearly demonstrating flagrant disregard of his commercial obligations (refusal to pay or meet admitted debts or obligations will be thus construed), action will be taken appropriate to the age of the student.

In event of nonpayment to the dental school one or more actions may be taken: (1) barring re-admission of the student, (2) withholding the student's grades and official transcript, and (3) withholding a degree to which the student would otherwise be entitled.

### SELECTIVE SERVICE

Deferment for students is granted only by their individual local Selective Service Boards and cannot be requested by The University. In accordance with Selective Service regulations, each student is required to keep his local board informed at all times as to his location and activities. He is also required to request a deferment annually in writing. Upon request, the Registrar will send the Selective Service form 103 to the individual's local board. Students who have difficulty with their Selective Service status should notify the Associate Dean immediately.

### REQUIRED IMMUNIZATION

Certification of immunization for smallpox, tetanus, diphtheria, and poliomyelitis within the last five years is required of all entering students before registration. A certificate form to be completed by a licensed physician will be furnished to applicants granted admission. A military or a Public Health Service immunization record is acceptable.

### HEALTH

A complete medical examination will be given by members of the faculty to each student after his initial registration.

### QUALIFYING EXAMINATIONS

A student may be exempted from participation in one or more first-year curricular subjects if he is able to demonstrate proficiency on pre-course qualifying examinations. These examinations are offered at the discretion of the concerned departmental chairmen soon after first-year registration. In lieu of the ordinarily required subject(s), an exempted student may pursue independent study of his choice provided that it is approved by his faculty advisor and is taken within this institution. Accepted applicants are notified by mail as early as possible what qualifying examinations will be available to them and the general scope of each examination. Qualifying examination in Bio-chemistry is currently available and others will be developed.



## THE DENTAL CURRICULUM

### Philosophy of Dental Education

The Dental Curriculum really begins before a student enters dental school. The courses that are taken, the skills that are mastered, and the attitudes that are developed in high school and in college have a tremendous influence on the future professional man. Also, the experiences and the education acquired and mastered prior to admission to dental school prepare the student for the curriculum and for the courses of study that will be required during his years in dental school. Similarly, a student's home life, study habits, and the true interests that he has developed in working with people, will influence and affect the success that he will have in dental school and also the success that he will have as a practicing dentist or a research worker.

The courses designated as requirements prior to admission have been chosen because it has been the opinion of educators and by agencies such as the Council on Dental Education, that success in these courses will not only help to predict the student's future scholastic success but also will provide him with a background of information needed prior to entering dental school.

The dental curriculum must build upon the student's pre-professional experience, and equip him to become a highly competent, practicing dentist. The dental curriculum must also provide the student with motivation to continue to improve his skills and his competence after graduation and after he has entered practice.

The dental curriculum must also serve as an introduction to future study that many graduates will undertake in the eight dental specialties. The curriculum must also be suitable as preparation for further graduate study and dental research, and for those entering the field of community dentistry in all of its various phases.

The principal goal and objective of this curriculum is to prepare graduates for the practice of dentistry.

Every modern and viable curriculum is continually modified so as to improve its effectiveness and to include the advancements made in the science of dentistry. Three classes have thus far been admitted as Freshmen in this new dental school. As the facilities have grown and as faculty has been added, it has been possible and desirable to modify the curriculum each year as well as to improve the methods of instruction. Sometimes courses emerge with new titles and others are combined or integrated with others. Some courses are lengthened and some are reduced in length through improvements in teaching methods, or by reassigning some of the content to other courses.

The total four-year course of study requires about 5,000 clock hours of actual assigned course work. It is about equally divided among the four years, with most of the clinical experience coming in the last two years.

The accompanying curriculum chart lists the courses, subjects, and types of experiences which become a part of the overall curriculum of each dental student. The chart also shows the years in which these subjects and topics are included in the experience of the student. The following legends have been used to describe the use of various instructional media and teaching methods:

1. Lecture
2. Laboratory
3. Demonstration
4. Clinical, hospital and/or field experience
5. Integrated within other courses
6. Seminars, Conferences, and Review Sessions
7. Student self-study and/or use of teaching machines
8. Electives

Summary of Curriculum

Course Title	Year in the Program			
	1st	2nd	3rd	4th
Anatomy, Gross	1-2-3	- - -	- - -	- - -
Anesthesia, Local & General	- - -	1-4	4	4
Biochemistry	1-2-3	- - -	- - -	- - -
Bioengineering	1-3	- - -	- - -	- - -
Biomaterials	1-2-3	- - -	- - -	- - -
Biostatistics	- - -	5	1-5	- - -
Cell Biology	1-2-3	- - -	- - -	- - -
Clinic	6	4	4	4
Community Dentistry	- - -	5	1-4	4-5
Complete Restoration	- - -	1-2-3	1-4	4-5
Dental Anatomy	1-2-3	- - -	- - -	- - -
Dental History	7	- - -	- - -	- - -
Diagnosis	- - -	1-3	1-4	1-4-6-8
Embryology	1	- - -	- - -	- - -
Endodontics	- - -	1-2-3	1-4	1-4
Ethics & Jurisprudence	- - -	- - -	5	7
Fixed Multiple Restoration	- - -	1-2-3	1-4	1-4-6
Medicine	- - -	1	1	- - -
Micro Anatomy	1-2-3	- - -	- - -	- - -
Microbiology	1-2-3	- - -	- - -	- - -
Neuroscience	1-2-3	- - -	- - -	- - -
Operative Dentistry	- - -	1-2-3	1-4	1-4
Oral Histology	1-2	- - -	- - -	- - -
Orthodontics	1	1-2	- - -	- - -
Pathology, General	1-2-3	1-2-3	4	4
Pathology, Oral	- - -	1-2-3	1-4	1-4
Pedodontics	1	1-2	1-4	4
Periodontics	5	1-4	1-4	4
Pharmacology	1	1-3	- - -	- - -
Physiology	1-2-3	- - -	- - -	- - -
Public Health, Dental	5	1-4	- - -	- - -
Removable Mult. Restor.	- - -	1-2-3	1-4	1-4
Roentgenology	- - -	1-2-3	1-4	4-6-8
Surgery	- - -	1-4	1-4-8	4-8
<u>PROGRAMS/COURSES</u>				
DAU Program	6	1-3	1-4-6	4-6-8
Dent. for Chronically III	- - -	- - -	- - -	1-4-8
Disaster Preparedness	- - -	- - -	- - -	6-8
Electives	8	8	8	8
Health & Human Behavior	- - -	- - -	1-4	5-8
Hospital Experience	- - -	5	5	5-8
Nutrition	5	5	5	5-8
Occlusion	5	5	5	5-8
Orientation	1	5	- - -	- - -
Practice Management	5	5	5	1-4
Preventive Dentistry	1	1	1-4	5-8

### Methods of Instruction

The methods of instruction include a great variety of teaching techniques and utilize many kinds of instructional media. Most instructors still use lectures for a part of their instruction and they also call upon all kinds of instructional aids in their teaching. Some put their lectures on tape or even on TV cassettes; and others make use of combinations of slide sets and audio tapes for the students to use in review.

Many of the preclinical subjects require laboratory work and most laboratories are either three or four hours in length. Many instructors schedule conferences and seminars as a supplement to their lecture periods and to their laboratories.

Nearly half of the entire dental curriculum is spent in the clinic where the student works on patients under the close supervision of instructors. All work in the clinic is in an atmosphere which simulates actual office practice.

In the Senior year, the dental student devotes most of his time to clinical practice which is called General Practice in which he works on patients on whom he renders all of the services which they require just as he will do when he enters practice as a general practitioner.

He will also be taught during both his Junior and Senior years to utilize the services of all of the auxiliary dental personnel and be taught the management of a dental practice. The primary objective of the dental school is to prepare its graduates so that they can enter the general practice of dentistry.

### Course Load

The average college student has become familiar with the fact that he has earned about 120 semester hours in four academic years of schooling. This has meant taking a load of from 15 to 16 credit semester hours per week which in turn may have meant about 19 clock hours per week counting laboratory and lecture hours.

The new dental student must quickly realize that his load of scheduled classes in dental school will be 60% to 100% greater than in pre-professional school. There will be some weeks when faculty-student contact time will be as little as 30 to 32 hours, but there will also be many weeks in which 38 to 40 clock hours have been scheduled. Basically, the total week from 8:00 A.M. until 5:00 P.M. every day for five week days are used for assigned class periods.

The library, the laboratories and the study cubicles are open from 7:00 A.M. until 11:00 P.M. each day. The heavy assignment load will require that the student spend a great deal of time studying to prepare for his future classes and this will need to be done at home, in the library or in the laboratories. Many lectures are being placed on tape and are available for review, but with only a limited number of hours available in the week, the student must master the art of learning quickly and using his time wisely and efficiently.

With such heavy loads, a student can never afford to let himself get behind in any of his assignments. Because of the heavy load and because it will be so new to everyone entering Dental School, students are strongly advised not to accept employment of any kind during the first year.

#### Class Attendance

The instruction in all courses will begin as scheduled. No student may obtain credit for the year's work who has not completed his enrollment within one week after the last stated day for registration for each semester. This applies to students in all classes.

Attendance at all scheduled classes, laboratories and clinic periods is required. The minimum attendance for which credit will be given, or which will admit a student to the final examination, is 85 per cent of the time scheduled for instruction in that course. The margin of 15 per cent absence is provided to accommodate only unavoidable absences due to illness, delayed registration, or approved

causes, and it is not contemplated that this concession shall apply to other than exceptional cases.

#### Examinations

Some examinations will be given early in the year to assist the faculty in understanding the educational background of the students. Most faculty members will choose to give frequent achievement examinations throughout their courses in addition to final examinations. In a few instances, the instructor may give so many examinations during the course that he may feel that a final examination is not required. The academic year is broken into two semesters of about sixteen weeks plus examination time. All students are urged to keep in close contact with their instructors and also with their appointed counselors so that they will continually be aware of their progress and their level of achievement.

#### Grading System and Promotions

Passing - Grades for Subjects, Courses and Clinics are letter grades. Letters, A, B, C, and D will be considered passing and "+" or "-" may be used in conjunction with B, C or D, and a "-" with A.

Failing - F designates failing work. All grades of F must be removed by doing extra work to the satisfaction of the Faculty Promotions Committee or teachers that assigned the failing grade. When the work is completed satisfactorily, a grade will be assigned, and the transcript will include both the "Failing" grade and also the new grade.

Incomplete - A grade of IS (Incomplete Satisfactory) may be assigned to a student who for some acceptable reason has not completed all the required work in a course. When the Incomplete is removed to the satisfaction of the Faculty Promotions Committee or instructor responsible for a course, the student may be assigned any grade the committee or instructor deems appropriate. A grade of IU (Incomplete Unsatisfactory) may be assigned to a student in those cases where there is no acceptable reason for failure to complete the required work. When an Incomplete is removed to the satisfaction of the Department or

instructor, the student may be assigned any grade the Committee or instructor deems appropriate.

Credit Hours - One semester credit hour will be assigned a Subject or Course for a number of hours of lecture equal to about one hour per week for that semester.

Three hours of clinic or laboratory will be considered the equivalent of 1 hour of lecture for the purpose of determining credit hours.

Grade Points - Grades will carry the following grade points:

A=4.0;	A- = 3.7;	B+ = 3.3;
B=3.0;	B- = 2.7;	C+ = 2.3;
C=2.0;	C- = 1.7;	D+ = 1.3;
D=1.0;	D- = 0.7;	and
F=0		

Promotion and Graduation - In order to be considered for promotion or graduation, a student must have satisfactorily removed all grades of IS, IU or F; in addition, he must have a cumulative grade point average of 2.00 or more. Freshmen having a cumulative grade point average below 2.00 will be considered individually by the faculty for promotion, probation or dismissal.

Probation and Dismissal - The following students will be considered for academic probation or dismissal:

- A. Those having a semester grade point below 1.70 for that semester.
- B. Those having IU or F in topics having a credit hour total equal to 20% or more of their total credit hours for that semester.
- C. Those having a cumulative grade point average below 2.00 at the end of the second semester.

Any student who has been on probation and who has not shown marked improvement, should be seriously considered for academic dismissal.

Absence, Withdrawal and Re-Admission

Short leaves of absence may be granted in case of illness or personal emergency with the understanding that the student arranges with the faculty for making up all work which is missed. Absence for any cause shall, however, be reported to the office of the Associate Dean.

Students taking leave from the Dental School without notice or failing to report to the Associate Dean after leave of absence automatically terminate their enrollment at the Dental School.

In addition, students who fail to register and pay tuition and fees within the specified dates will be considered to have terminated their connection with the Dental School unless permission to register and pay tuition at a later date has been expressly granted by the registrar.

Students wishing to withdraw from the Dental School in good standing for physical or other personal reasons either during the academic year or after promotion to the next year must submit a written request to the dean stating their reasons for withdrawal, the period of time involved, and their intentions concerning resumption of dental studies. If the dean approves the request for withdrawal, the student may be granted permission to delay registration for one calendar year or to re-enter Dental School at the beginning of the next regular session. In each case the student must submit a written request for re-admission and furnish evidence satisfactory to the dean that the physical condition or other reason necessitating withdrawal has been corrected and that the student is ready to resume dental studies. A request for re-admission must be filed at least one month before the proposed date of re-entry into Dental School.

Students promoted to the next year and who wish to withdraw to enroll in a recognized graduate school must submit a written request to the dean. If the request is approved, the student may be granted permission to delay registration for one calendar year. Each student must submit a written request for re-admission and furnish evidence satisfactory to the dean that he is ready to resume his dental



studies. The request for re-admission must be filed at least one month before the proposed date of re-entry into Dental School.

Students withdrawing from Dental School with academic deficiencies at the time of withdrawal will receive the grade of "withdrawn failing" (WF). In all cases not specifically covered above, re-admission to Dental School will be subject to action by the Committee on Admissions.

All matriculants must clearly understand that the faculty of the Dental School has the authority to dismiss any student from the rolls of the school, or to refuse re-admission at any time before graduation if circumstances of a legal, moral, health, social, or academic nature justify such action. Although any student dismissed from school may formally apply for re-admission, each such applicant will be subject to the action of the Committee on Admissions.

The University of Texas Dental School reserves the right to refuse registration to any student whose presence in the opinion of the Committee on Admissions may be a detriment to the Dental School or its students; or which would be a concern to the dental professions.

The University of Texas Dental School does not undertake to prescribe in detail either its requirements or its prohibitions. Students are met on a plane of mutual regard and helpfulness. Their efforts are directed toward a standard of moral and ethical conduct that one expects of the professional person. To sever the student's connection with The University of Texas Dental School, it is understood that a gross violation of moral and ethical standards is not necessary.

#### Summer Clinics

In the four-year dental education program, there is no schedule of classes in the Summer between the Freshman and the Sophomore years. In each of the other two Summers, there is a six-week Summer Clinic. This six-week session directly precedes the beginning of the academic year and it is required of students who are about to enter their Junior or Senior year. This six-week session usually has little or no

didactic or classroom work, and is primarily in the clinic. Summer Clinic is scheduled about five hours a day for five days each of these six weeks.

#### Acceleration and 3-year program

The University of Texas Dental School at San Antonio does not yet have a specific program that can be labeled as a three-year program or a three-and-a-half-year program. The Dental School Program is designed as a basically four-year program which means that it has four academic years plus two Summer Clinic sessions. In general this means that it involves about five thousand clock hours of work for the majority of the students.

Some students are able to complete work more rapidly than others, and still others require more time in order to meet the requirements and to complete the necessary assignments and to attain the desired competence. For that reason, it is the objective of the Dental School to have its faculty prepare a great quantity of self-study material on audio tapes, collections of slides, study material on color cassettes, and a host of other media so that students may review material at their own rate; and also study some courses independently of the classroom and the laboratory. When sufficient student review and teaching material have been developed by the faculty of this new school, many students will be able to reduce the time that they will need from the conventional four-years and hence be graduated in three or perhaps three and a half years. A student who completes his assignments rapidly at this time, is able to devote more time to other courses, and also to enroll in elective courses.

#### STUDENT COUNSELORS AND ADVISORS

Members of the Faculty will be assigned as counselors and advisors to the dental students. These faculty members will be available for counseling and each student is urged to become well acquainted with his counselor and to seek his advice. While it is expected that

certain counseling periods will be set aside for the faculty advisor and the student to meet, there will also be many informal and unscheduled times when student and faculty advisor should seek one another. While the faculty member is assigned to assist the student, the student must be mindful of his own responsibility of seeking help when it is needed and he is also responsible for keeping his advisor informed of problems that he is encountering.

Students often feel that the faculty members are so busy that they would prefer not to be disturbed. However, faculty members appreciate an opportunity to work with students and they realize that they cannot help students unless given an opportunity to do it. A faculty member measures his own success by the achievement of his students.

#### STUDENT AMERICAN DENTAL ASSOCIATION

At the meeting of the House of Delegates of the American Dental Association on October 29 - November 2, 1972, the Bylaws were amended so any undergraduate student seeking student membership in the American Dental Association now must also become a member of the American Student Dental Association. Total dues for joint membership is to be \$7.50. Membership is encouraged.

Membership in these two organizations makes the student eligible for various insurance programs sponsored by the American Dental Association; permits the student to participate in National, State and local dental society meetings; and participate in the National Program for Student Table Clinics.

#### DENTAL FRATERNITIES

At the present time there are no chapters of the different Dental Fraternities represented with this student body. There are currently plans for the establishment of several chapters on this campus through the Interfraternity Council which is a National agency representing all of the dental fraternities.

### LIVING ACCOMMODATIONS

Living arrangements are made by each individual student. The University does not maintain any housing accommodations. There are many apartments available in the vicinity and lists of these may be obtained from the Registrar or from the Office of the Dean. There are also parking facilities for house trailers not far from the Health Science Center.

Students should arrange for their living accommodations well in advance of matriculation.

There are shopping facilities and eating accommodations relatively close to the Center. There is also a cafeteria available in the Bexar County Teaching Hospital.

### LICENSURE REQUIREMENTS

Graduation from an accredited dental school does not automatically grant a graduate the license to practice. Each state has its own state licensing board, and each of these boards requires that an applicant for licensure be the graduate from an accredited dental school in the United States or Canada. Fifty-one of the 53 licensing jurisdictions of the United States accept the results of the National Board Examinations conducted by the Council of the National Board of Dental Examiners, an agency of the American Dental Association. These examination results are accepted in lieu of a local written examination; and 17 of these jurisdictions require the National Board results and offer no local examination. The Texas State Board of Dental Examiners requires the National Board results.

### NATIONAL BOARD EXAMINATIONS

The National Board Examinations are developed and administered by the American Dental Association's Council of the National Board of Dental Examiners. There are two parts to this Examination. The first represents the basic sciences and the preclinical sciences normally included in the first two years of the dental curriculum.

This examination is required of all students and is taken by them at the close of the Sophomore year. The second part of the examination is given to the Senior students just prior to their graduation and hence giving sufficient time for the test results to be available to the Dental Examiners in those states in which the graduate has made application to be licensed.

All students are required to take both parts of the National Board Examination because it is a record that each of them will be expected to have in presenting themselves to the Texas State Board of Dental Examiners in seeking licensure.

#### THE DENTIST'S PLEDGE\*

"I, realizing the privileges and opportunities that have been given to me in my study of the arts of dentistry and appreciating the significance of the Dental Degree which has been conferred upon me, do hereby willingly pledge:

"That I will diligently uphold the dignity, honor and objectives of the Dental profession and, to the best of my ability, will contribute to its prestige, proficiency and progress;

"That I solemnly accept my responsibility to the patient, to give him the best of my knowledge and skill, and to maintain an impeccable relationship with him that will warrant his trust and confidence;

"That I will faithfully observe the Principles of Ethics set forth by the profession;

"That I will lend my influence and support to dental education, to organized Dentistry and to all segments of the profession which contribute to the fulfillment of its purpose."

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\*The Board of Trustees of the American Dental Association requested the Association's Council on Dental Education to develop a "Dentist's Pledge". The Council did develop such a pledge and did submit it

to the Association's House of Delegates for approval in 1952. The Reference Committee and the House of Delegates displayed mixed feelings about the wording of the Pledge and requested that the Council devote another year of study to this assignment. This was done, and the above Pledge was unanimously approved by the Council and submitted to the House of Delegates. There was again much discussion and while there was agreement with the philosophy and with nearly all of the statements, the House never voted its official approval because of questions about semantics. The Council refused to develop another Pledge for it was felt that there might never be total agreement about trivial wordings. Instead, the Council restated its unanimous support and approval of this Pledge.

The Council instructed all dental schools that each should feel free to make use of this Pledge for it had been officially approved by the Council even though its approval by the House of Delegates had never been finalized. Since that time, many dental schools use this Pledge in their graduation ceremonies and in their Honors Day Programs.

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#### MILITARY PROGRAMS FOR STUDENTS

Several branches of the Military have instituted programs whereby the dental student is subsidized during the time that he is in dental school and his dental expenses are paid by the Federal Government. There are several programs depending upon whether one enters it at the time of beginning dental school or enters it after having been in school for a year or more. Students or applicants interested in learning more about such a program should contact the various services directly.

## REGISTER OF CLASS OF 1974

Name	Address
Boland, Michael Lee	San Antonio
Bullock, Luther Burnham, Jr.	San Antonio
Clark, Martin James	Lampasas
Hassan, Richard George	San Antonio
Hofheinz, Paulus A.	Houston
Lackorn, Denver W.	Seguin
Majul, Felix Perez	San Antonio
May, Elton Lamar	San Antonio
McLerran, Paul E.	San Antonio
Montgomery, Richard Frank, Jr.	San Antonio
Murphy, George Trube	Amarillo
Simpson, Eric Charles	Lubbock
Tilley, Douglas M.	San Antonio
Wright, Craig Mathewson	Dallas

## REGISTER OF CLASS OF 1975

Name	Address
Arredondo, Daniel G.	San Antonio
Baker, Cynthia Anne	San Antonio
Bonner, Michael Paul	Mineral Wells
Douthit, Thomas Lane	Kerrville
Gonzales, Rex Bruce	San Antonio
Hoffman, Terry Lee	Waco
Jenke, Ralph Kenneth	Giddings
Junfin, Birgit	San Antonio
McBrearty, Patrick Raymond	San Antonio
Pool, Jack Ward	San Antonio
Ross, Luther wayne	Austin
Rudd, Robert William	San Antonio
Sanchez, Vincent Carlos	San Antonio
Shimkus, Edward F.	San Antonio

Smith, George William, III	San Antonio
Thurston, Bruce Caldwell	Dallas

## REGISTER OF CLASS OF 1976

Name	Address
Avery, Alan Russell	San Antonio
Baer, Stephen Marcus	Dumas
Boeselt, Bernard Joseph	San Antonio
Bowden, Clyde Anthony	Houston
Donnel, James Anthony	San Antonio
East, John Ross, III	San Marcos
Elston, Stephen Frederick A.	Pampa
Flores, Rafael, III	Brownsville
Galaviz, Rafael Cerda	San Antonio
Gonzalez, Raymond Edward	San Antonio
Gray, Charles Edwin	Arlington
Helsei, Stephen Herbert	Austin
Hensley, Jesse David	Kenedy
Hill, Keith Vernon	Denver City
Hofmann, Peter Norris	San Antonio
Kahlich, Kerwin John	Cuero
Masters, David Haynes	San Antonio
McFadden, Robert Emmett	El Paso
Meiser, Robert Brennan	Dallas
Milligan, Horace Gene	San Marcos
Nunez, Carlos R.	San Antonio
Ortman, Christie John	Smiley
Quigley, Donald Thomas	San Antonio
Reveley, James Edward	San Antonio
Schneider, Richard Joseph	San Antonio
Schnuriger, Francis Loren	San Antonio
Schultz, Gary Michael	Corpus Christi



Starr, Robert McDaniel	San Antonio
Stephens, Michael Alan	San Antonio
Tholen, Mark Arnold	San Antonio
Villastrigo, Aaron Collins	San Antonio
Yarbrough, Steven Lloyd	San Antonio



THE UNIVERSITY OF TEXAS AT HOUSTON  
M. D. ANDERSON HOSPITAL AND TUMOR INSTITUTE

Texas Medical Center Houston, Texas

77025

March 27, 1973

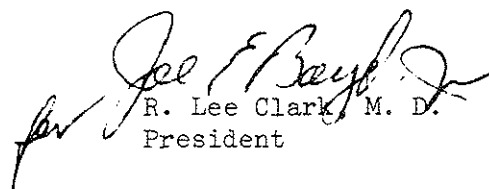
R. LEE CLARK, M. D., PRESIDENT

Dr. Charles A. LeMaistre  
Chancellor  
The University of Texas System  
601 Colorado  
Austin, Texas 78701

Dear Doctor LeMaistre:

Transmitted herewith are one hundred copies of The University of Texas System Cancer Center docket, totaling eleven pages, for your approval and presentation for formal approval of the Board of Regents at their meeting on April 24, 1973.

Sincerely yours,

  
R. Lee Clark, M. D.  
President

RLC:sk

## THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

## DOCKET

Board of Regents Meeting April 24, 1973

GIFTS: The following gifts have been received and are submitted for formal approval of the Board of Regents.

<u>Donor</u>	<u>Purpose and Explanation</u>	<u>Amount</u>
<u>M. D. Anderson</u>		
1. Foley Brothers Foundation c/o Mr. Thomas D. Anderson, Trustee 1122 Southwest Tower Houston, Texas 77002	Expansion of M. D. Anderson Hospital. Total pledge \$7,500.00 with second installment to be paid in 1974.	\$ 3,750.00
2. Texas Medical Center, Inc. 406 Jesse H. Jones Building Houston, Texas 77025	Sale of property located at 406 Webster Street used as a patient annex. For use of Annex and Rehabilitation Facility.	\$85,848.18
3. Mary Kay Ash Mary Kay Cosmetics, Inc. 8900 Carpenter Freeway Dallas, Texas 75247	Cancer Research	500 Shares of Mary Kay * Cosmetics stock - Esti- mated value of \$32,000.00 reported in docket dated 3/5/73; actual sale value \$35,435.00.
4. Mr. B. M. Rankin, Jr. 4579 First National Bank Building Dallas, Texas 75202	For use by Dr. Jess F. Gamble in Hematology Clinic	1,000 Shares of * McMoRan Exploration Company Stock - Estima- ted value of \$8,000.00 reported in docket dated 3/5/73; actual sale value \$8,812.00
5. Mr. A. Garcia Cortina Sierra Tarahumara 620 Mexico 10, D.F., Mexico	Expansion of M. D. Anderson Hospital. Total pledge of \$15,000.00. Additional installments to be paid in 1974 and 1975.	\$ 5,000.00
6. Mr. Peter Levitch Director of Regulatory Affairs Ortho Research Foundation, Diagnostics Raritan, New Jersey 08869	For use by Dr. Evan M. Hersh in support of research project "Levamisole HCl (DT10/RH29)" Total pledge of \$25,000.00 with additional payments to be made on quarterly basis.	\$10,000.00

\* No Letter of Transmittal Received

QUARTERLY REPORT OF GIFTS OF LESS THAN \$5,000.00M. D. Anderson

The quarterly report of gifts of less than \$5,000.00 for the period ending February 28, 1973 has been filed with the Office of the Board of Regents where it is available for reference.

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL): The following grants have been awarded and are submitted for formal approval of the Board of Regents.

M. D. Anderson

1. American Cancer Society, Inc. grant provides new funds in the amount of \$10,400 for the period June 1, 1973 through August 31, 1973, the total project period. This grant provides funds to support the training program of nursing students. The majority of the expenditures from this award will be made in Harris County. This grant award is under the direction of Miss Renilda Hilkemeyer, R.N.

2. American Cancer Society, Inc. grant provides new funds in the amount of \$1,000 for the period September 1, 1972 through August 31, 1973, the total project period. This grant provides funds for the 17th Annual Clinical Conference "Neoplasia of Head and Neck". The majority of the expenditures from this award will be made in Harris County. This grant award is under the direction of Dr. Richard H. Jesse, Jr.

3. The Kelsey and Leary Foundation Grant No. 939 provides new funds in the amount of \$3,715 for the period February 5, 1973 through February 4, 1974, the total project period. This grant provides funds for the genetic and immunologic studies in thyroid cancer. The majority of the expenditures from this award will be made in Harris County. This grant award is under the direction of Dr. C. Stratton Hill.

4. The Kelsey and Leary Foundation Grant No. 940 provides new funds in the amount of \$12,660 for the period February 5, 1973 through February 4, 1974, the total project period. This grant provides for research to improve diagnostic techniques for adrenal tumors, evaluation of a noninvasive procedure for adrenal imaging and correlation of results of this procedure with standard diagnostic techniques. The majority of the expenditures from this award will be made in Harris County. This grant award is under the direction of Dr. Thomas P. Haynie.

GRANTS, CONTRACTS, AND AGREEMENTS (STATE): The following interagency contract has been negotiated by the Business Manager and has been signed by the President upon recommendation of the Business Manager, and approved by the Comptroller, the Deputy Chancellor for Administration and the State Board of Control where appropriate. I recommend your approval and ratification of signatures:

M. D. Anderson

1. Interagency Contract No. IAC (72-73)-1070, between The University of Texas M. D. Anderson Hospital and Tumor Institute, Performing Agency, and the Texas Research Institute of Mental Sciences of the Texas Department of Mental Health & Mental Retardation, Receiving Agency, whereby the Performing Agency will perform data processing services for the Receiving Agency for a special research project during the period February 1, 1973 through August 31, 1973 at a cost not to exceed \$3,000.

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BUSINESS CONTRACTS: The following agreement has been approved by the President, the University Attorney, and the Deputy Chancellor for Administration. I recommend your approval and ratification of signatures:

M. D. Anderson

1. An agreement has been entered into between the Texas State Department of Health, the City of Bastrop, and M. D. Anderson Hospital and Tumor Institute relating to water wells located on the old Camp Swift property presently leased by the Texas State Department of Health to the Board of Regents of The University of Texas System for the Environmental Science Park. This agreement provides that the City of Bastrop continue to use water from three wells on this property and the city agrees to furnish treated water at its regular commercial rate to the University for use as needed by the Environmental Science Park.

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THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)  
Board of Regents Meeting April 24, 1973

The following Contracts, Grants and Amendments have been awarded and are submitted for formal approval of the Board of Regents.

M. D. Anderson

1. Department of Health, Education and Welfare, Public Health Service, National Institute of Allergy and Infectious Diseases Contract No. PH43-NIAID-68-949, Modification No. 6 provides new funds in the amount of \$122,600 for the period June 21, 1968 through January 12, 1974, the total project period. This contract provides funds to conduct immunological studies in man and animal systems when certain doses and/or schedules of drugs are used. The majority of the expenditures from this award will be made in Harris County. This contract is under the direction of Dr. Evan M. Hersh.
2. National Aeronautics and Space Administration Contract No. 9-7153, Modification No. 7S provides new funds in the amount of \$1,060 for the period June 1, 1967 through May 31, 1973, the total project period. This contract provides funds for hybrid computer design and development of on-line display and processing of biomedical data from project Apollo and follow-on space missions. The majority of the expenditures from this award will be made in Harris County. This contract is under the direction of Mr. Baker A. Mitchell, Jr.
3. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 5 R01 CA12687-02 PTHB provides new funds in the amount of \$100,555 plus appropriate indirect costs for the period January 1, 1973 through December 31, 1973. The total project period for this grant is January 1, 1972 through December 31, 1974. This grant provides funds to establish improved cytological criteria for evaluation of the clinical status, biological behavior and response to therapy of human leukemia cells. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Jose M. Trujillo.
4. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 2 R10 CA03195-16 CCI provides new funds in the amount of \$27,274 plus appropriate indirect costs for the period January 1, 1973 through December 31, 1973. The total project period for this grant is January 1, 1973 through December 31, 1974. This grant provides funds for a research program to improve the therapy of a specific hematologic malignancy, namely multiple myeloma. New drugs, treatment regimens, and combinations of active drugs will be evaluated in a large number of patients. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Raymond Alexanian.
5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health Grant No. 5 S01 RR05511-11 provides general research support funds in the amount of \$117,003 for the period January 1, 1973 through December 31, 1973, the total project period. This grant provides grant funds to be used in general support of the institution's research programs. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. R. Lee Clark.
6. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 5 P02 CA05831-12 CAP provides new funds in the amount of \$667,316 plus appropriate indirect costs for the period December 1, 1972 through November 30, 1973. The total project period for this grant is December 1, 1970 through November 30, 1975. This grant provides funds for cancer clinical research. The clinical center at M. D. Anderson Hospital represents the central facility for clinical investigation in the institution. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. R. Lee Clark.

7. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Contract No. PH43-NCI-E-65-604, Modification No. 15 provides new funds in the amount of \$144,440 for the period April 5, 1965 through April 30, 1973, the total project period. This contract provides funds to establish the viral etiology of human neoplasia and thus provide a sound basis for prevention and therapy of neoplasia. The majority of the expenditures from this award will be made in Harris County. This contract is under the direction of Dr. Leon Dmochowski.

8. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 3 R10 CA11844-15S1 CCI provides new funds in the amount of \$6,127 plus appropriate indirect costs for the period January 1, 1972 through March 31, 1973. The total project period for this grant is January 1, 1970 through March 31, 1973. This grant provides funds for patients on an intensive chemotherapy program with intensive drug combinations or new drugs in an attempt to either achieve or maintain remission. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Margaret P. Sullivan.

9. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 3 P01 CA10043-02S4 NSS provides new funds in the amount of \$20,500 plus appropriate indirect costs for the period September 1, 1968 through July 31, 1973. The total project period for this grant is June 1, 1966 through July 31, 1973. This grant provides funds for a project consisting of maintaining and enlarging a colony of rats and mice so that they may serve as one nucleus for future work on colonic carcinoma. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Nicholas G. Bottiglieri.

10. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 2 R10 CA10376-06 CCI provides new funds in the amount of \$99,284 plus appropriate indirect costs for the period January 1, 1973 through December 31, 1973. The total project period for this grant is January 1, 1973 through December 31, 1974. This grant provides funds for the study of adult leukemia and includes therapeutic research with chemotherapy, leukapheresis, supportive therapy, natural history of the disease, and development of better procedures for evaluation of response to therapy. The majority of expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Emil J. Freireich.

11. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 2 R10 CA10379-06 CCI provides new funds in the amount of \$27,164 plus appropriate indirect costs for the period January 1, 1973 through December 31, 1973, the total project period. This grant provides funds for the study of adult leukemia and includes therapeutic research with chemotherapy, leukapheresis, supportive therapy, natural history of the disease, and development of better procedures for evaluation of response to therapy. The majority of expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Jeffrey A. Gottlieb.

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER  
RECOMMENDED AMENDMENTS TO THE 1972-73 OPERATING BUDGET  
Board of Regents Meeting April 24, 1973

M. D. Anderson

General Administration (Office of the President)

1. Appointment. Patrick A. Leon, Assistant (Program and Management Planning) to the President of The University of Texas System Cancer Center, Office of the President (General Funds) at the full time rate of \$32,000.00 per annum effective January 1, 1973. The source of funds for this appointment is the Reserve for Professional Salaries Account. (RBC 122)
2. Change in Title. Mary E. Rider, Office of the President (General Funds) from Executive Assistant payable at the full time rate of \$10,700.00 per annum to Administrative Coordinator payable at the full time rate of \$11,300.00 per annum effective January 1, 1973. The source of funds for this action is the budgeted position for Executive Assistant and the Reserve for Professional Salaries Account. (RBC 126)

General Administration (Business Office, Data Processing)

3. Resignation. Kenneth J. Boenig, Assistant Data Processing Supervisor, General Administration, Business Office, Data Processing payable at the full time rate of \$18,500.00 per annum effective at the close of business February 26, 1973. Mr. Boenig has been paid from Business Office, Data Processing (General Funds). (Rev. RBC 133)

Medical Staff (Medicine)

4. Change in Title. M. Khalil Ali, M. D., Department of Medicine, from Faculty Associate in Medicine (Without Tenure), payable at the full time rate of \$20,000.00 per annum from Physicians Referral Service Faculty Associate Account to Assistant Internist and Assistant Professor of Medicine (Without Tenure), payable at the full time rate of \$18,000.00 per annum from Medicine (General Funds) effective January 1, 1973. Source of funds for this appointment is the Reserve for Professional Salaries. (RBC 114)
5. Correction in Salary. George M. Ruby, M. D., Faculty Associate in Medicine (Without Tenure), Department of Medicine, payable at the rate of \$2,000.00 per annum from the Vernon M. Vance Memorial Fund effective January 1, 1973. Dr. Ruby is also paid the sum of \$18,000.00 per annum from Physicians Referral Service Faculty Associate Account. The source of funds for this appointment is the Vernon M. Vance Memorial Fund. (RBC 140)

Medical Staff (Anatomical Pathology)

6. Change in Source of Funds. Alberto G. Ayala, M. D., Assistant Pathologist and Assistant Professor of Anatomical Pathology (Without Tenure), from the fifty-two percent rate of \$12,000.00 per annum paid from Anatomical Pathology (General Funds) and the forty-eight percent rate of \$11,000.00 per annum paid from Grant NIH-5-P02-CA-5831 to the full time rate of \$23,000.00 per annum paid from Anatomical Pathology (General Funds) effective December 1, 1972. The source of funds for this action is the budgeted position and the Reserve for Professional Salaries Account. (RBC 139)

Medical Staff (Clinical Chemistry and Laboratory Medicine)

7. Resignation. David S. DeJongh, M.D., Assistant Pathologist and Assistant Professor of Pathology (Without Tenure), Department of Clinical Chemistry and Laboratory Medicine, payable at the full time rate of \$26,250 per annum, effective at the close of business March 7, 1973. Dr. DeJongh has been paid from Clinical Chemistry and Laboratory Medicine (General Funds). (RBC 132)



Medical Staff (Radiotherapy)

8. Appointment. Eleanor D. Montague, M. D., Radiotherapist and Associate Professor of Radiotherapy (Without Tenure), Department of Radiotherapy (General Funds) payable at the full time rate of \$30,000.00 per annum effective January 1, 1973. Source of funds is the Reserve for Professional Salaries. (RBC 109)

9. Resignation. Albert L. Wiley, M. D., Assistant Radiotherapist and Assistant Professor of Radiotherapy (Without Tenure), Department of Radiotherapy payable at the full time rate of \$32,500.00 per annum effective at the close of business January 11, 1973. Dr. Wiley has been paid from Radiotherapy (General Funds). (RBC 110)

10. Appointment. Alvah J. Nelson, III, M. D., Assistant Radiotherapist and Assistant Professor of Radiotherapy (Without Tenure), Department of Radiotherapy payable from Grant Funds NIH-CA-06294 at the full time rate of \$26,000.00 per annum effective January 1, 1973. Source of funds for this appointment is available grant funds. (RBC 112)

11. Transfer of Funds. Transfer funds in the amount of \$2,000.00 from the Reserve for Maintenance & Operation Appropriation to Radiotherapy - Maintenance & Operation Appropriation to provide funds for activities not previously budgeted. (RBC 119)

12. Change in Title and Salary. Jesus Caderao, M. D., Department of Radiotherapy from Project Investigator in Radiotherapy (Without Tenure), payable at the full time rate of \$20,000.00 per annum from Grant NIH-5-P02-CA-10006 to Assistant Radiotherapist and Instructor in Radiotherapy (Without Tenure), payable at the full time rate of \$27,000.00 per annum from Grant NIH-5-P02-CA-10006. The source of funds for this action is available grant funds. (RBC 137)

13. Change in Title, Salary and Source of Funds. Carlos Fernandez, M. D., Department of Radiotherapy from Project Investigator in Radiotherapy (Without Tenure), payable at the full time rate of \$20,000.00 from National Institutes of Health Grant 5-P02-CA-6294 to Assistant Radiotherapist and Instructor in Radiotherapy (Without Tenure), payable at the full time rate of \$25,000.00 from Radiotherapy (General Funds) effective February 1, 1973. The source of funds for this action is the Reserve for Professional Salaries Account. (RBC 136)

Medical Staff (Rehabilitation Medicine)

14. Change in Title and Time Status. Raul Villaneuva, M. D., Rehabilitation Medicine, from Associate Psychiatrist and Assistant Professor of Rehabilitation Medicine (Without Tenure), payable at the full time rate of \$25,500.00 per annum to Clinical Associate Psychiatrist (Without Tenure) payable at the twenty percent time rate of \$6,200.00 (full time rate \$31,000.00) per annum effective February 24, 1973. The source of funds for this action is the Reserve for Professional Salaries Account. (RBC 134 and RBC 145)

Medical Staff (Gynecology)

15. Change in Title and Salary. Julian P. Smith, M. D., Department of Gynecology (General Funds) from Associate Surgeon (Gynecology) and Associate Professor of Gynecology (Without Tenure), payable at the full time rate of \$28,250.00 per annum to Surgeon (Gynecology) and Associate Professor of Gynecology (Without Tenure), payable at the full time rate of \$22,500.00 per annum effective February 1, 1973. The source of funds for this action is the budgeted position. (Rev. RBC 135)

Research (Biochemistry)

16. Change in Source of Funds. Yasushi Nakagawa, Ph.D., Assistant Biochemist and Assistant Professor of Biochemistry (Without Tenure), Department of Biochemistry from Biochemistry (General Funds) payable at the full time rate of \$12,000.00 per annum to NIH Contract 69-2221 payable at the full time rate of \$12,000.00 per annum effective January 1, 1973. (RBC 111)

17. Resignation. Yasushi Nakagawa, Ph.D., Assistant Biochemist and Assistant Professor of Biochemistry (Without Tenure), Department of Biochemistry, payable at the full time rate of \$12,000.00 per annum from Contract NIH-69-2221 effective at the close of business April 24, 1973. Dr. Nakagawa has been paid from available contract funds. (RBC 148)

Research (Biology)

18. Appointment. Betty S. Cassady, Secretary II, Biology (General Funds) payable at the fifty percent time rate of \$3,294.00 (full time rate \$6,588.00) per annum effective December 1, 1972. The source of funds for this appointment is the Reserve for Classified Salaries Account. (RBC 143)

Research (Medical Genetics)

19. Resignation. James T. Tidwell, Ph.D., Assistant Biologist and Assistant Professor of Biology (Without Tenure), Section of Medical Genetics, effective at the close of business January 31, 1973. Dr. Tidwell has been paid at the full time rate of \$19,000.00 per annum from Medical Genetics (General Funds). (RBC 108)

20. Appointment. David A. Wright, Ph.D., Assistant Biologist and Assistant Professor of Biology (Without Tenure), Section of Medical Genetics (General Funds) payable at the full time rate of \$16,000.00 per annum effective February 1, 1973. The source of funds for this appointment is the Reserve for Professional Salaries Account. (RBC 138)

21. Transfer of Funds. Transfer funds in the amount of \$14,400.00 from Biology, Maintenance and Operation Account to Medical Genetics, Maintenance and Operation Account to provide funds for purchase of equipment not previously budgeted. (RBC 147)

Research (Experimental Radiotherapy)

22. Change in Source of Funds. David H. Hussey, M. D., Associate Radiotherapist and Associate Professor of Radiotherapy (Without Tenure), Department of Radiotherapy, Experimental Radiotherapy, from Experimental Radiotherapy (General Funds) payable at the full time rate of \$27,500.00 per annum to the fifty percent time rate of \$13,750.00 from Experimental Radiotherapy (General Funds) and the fifty percent time rate of \$13,750.00 (full time rate \$27,500.00) from Grant CA 12542 effective January 1, 1973. The source of funds for this action is the budgeted position in Experimental Radiotherapy and available grant funds. (RBC 118)

Research (Developmental Therapeutics)

23. Change in Source of Funds. Jeffrey A. Gottlieb, M. D., Assistant Internist and Assistant Professor of Medicine (Without Tenure), from American Cancer Society Grant ACS-CI-22 payable at the twenty-six percent rate of \$7,000.00 per annum to Grant 5-R10-CA-8859 payable at the twenty-six percent rate of \$7,000.00 per annum. Dr. Gottlieb is also paid at the seventy-four percent rate of \$20,000.00 per annum from the Physicians Referral Service-Faculty Associate Account. (RBC 123)

24. Appointment. Eugene M. McKelvey, M. D., Associate Internist and Associate Professor of Medicine (Without Tenure), Department of Developmental Therapeutics payable at the fifty-five percent rate of \$12,000.00 per annum from Developmental Therapeutics (General Funds) and the forty-five percent rate of \$10,000.00 per annum payable from Grant NIH-5-P02-CA-5831 (full time rate \$22,000.00) effective December 24, 1972. The source of funds for this appointment is the Reserve for Professional Salaries Account and available grant funds. (RBC 129)

25. Change in Source of Funds. Evan M. Hersh, M. D., Associate Internist and Associate Professor of Medicine (Without Tenure), Developmental Therapeutics from the fifty-three percent rate of \$17,000.00 per annum payable from Developmental Therapeutics (General Funds) and the forty-seven percent rate of \$15,000.00 per annum payable from NIH-5-P02-CA-5831 to the eighty-four percent rate of \$27,000.00 per annum payable from Developmental Therapeutics (General Funds) and the sixteen percent rate of \$5,000.00 per annum payable from NIH-5-P02-CA-5831 (full time rate \$32,000.00) effective December 24, 1972. The source of funds for this action is the budgeted position, Reserve for Professional Salaries Account and available grant funds. (RBC 130)

Research (Computer Science Laboratory of the Institute of Biomathematics)

26. Increase in Salary. Dennis A. Johnston, Ph.D., Assistant Biomathematician and Assistant Professor of Biomathematics (Without Tenure), Department of Biomathematics from \$15,500.00 per annum to \$16,500.00 per annum payable from Grant NIH-9-R01-CA-11430 effective January 1, 1973. Source of funds for this increase in salary is available grant funds. (RBC 113)

27. Increase in Salary. Fred C. Delaney, Systems Analyst (Without Tenure), Department of Biomathematics, from the full time rate of \$16,000.00 per annum to the full time rate of \$16,600.00 per annum payable from Grant NIH-1-R01-CA-12014 effective January 1, 1973. Source of funds for this increase in salary is available grant funds. (RBC 115)

28. Change in Title. Mark D. Broussard, Department of Biomathematics, from Computer Programmer IV (Classified) payable at the full time rate of \$14,736.00 per annum to Systems Analyst (Other Staff) payable at the full time rate of \$18,000.00 per annum effective January 1, 1973. On this date Mr. Broussard assumed substantial additional duties and responsibilities. The source of funds for this action is the Robertson Fund Account. (RBC 124)

Research (Virology)

29. Resignation. Donald Evans, Ph.D., Assistant Virologist and Assistant Professor of Virology (Without Tenure), Department of Virology payable at the full time rate of \$14,000.00 per annum effective at the close of business February 14, 1973. Dr. Evans has been paid from available contract funds PHS PH-43-65-604. (RBC 128)

Education (Office of Education)

30. Change in Title. Rulon W. Rawson, M. D., from Vice President for Education and Program Development, Internist and Professor of Medicine to Director, Extramural Programs, Internist and Professor of Medicine (Without Tenure), payable at the rate of \$32,000.00 per annum from Office of Education (General Funds) effective November 4, 1972. (Rev. RBC 88)

Patient Care Activities (Medical Social Service)

31. Appointment. Eddy A. Montaldo, Social Worker II, Medical Social Service (General Funds) payable at the full time rate of \$11,148.00 per annum effective for the period December 11, 1972 through March 11, 1973. The source of funds for this temporary appointment is the Reserve for Classified Salaries Account. (RBC 144)

Research (Clinical Physics)

32. Transfer of Funds. Transfer funds in the amount of \$7,500.00 from the Reserve for Maintenance and Operation Account to Clinical Physics, Maintenance and Operation Account to provide funds for increased additional expenditures not previously anticipated. (RBC 127)

33. Increase in Salary. Walter H. Grant, Ph.D., Assistant Physicist and Assistant Professor of Biophysics (Without Tenure), Department of Physics, from the full time rate of \$19,400.00 per annum to the full time rate of \$20,500.00 per annum payable from Public Health Service Grant PHS-5-R10-CA-10953 effective February 1, 1973. On this date, Dr. Grant assumed additional duties and responsibilities as Deputy Executive Director of the Radiological Physics Center. The source of funds for this increase is available grant funds. (RBC 141)

Patient Care Activities (Nursing Service-Hospital)

34. Appointment. Elbert W. Brazle, M.Ed., Associate Director of Nursing Service, Nursing Service Hospital (General Funds) payable at the full time rate of \$15,500.00 per annum effective February 12, 1973. The source of funds for this appointment is the Reserve for Professional Salaries Account. (Rev. RBC 142)

Patient Care Activities (Surgical Services)

35. Transfer of Funds. Transfer funds in the amount of \$3,000.00 from the Reserve for Maintenance and Operation appropriation to Surgical Services, Maintenance and Operation appropriation to provide funds for expenditures not previously anticipated. (RBC 131)

Annex and Rehabilitation Center

36. Appointment. Benjamin J. Richardson, Administrative Coordinator, Division of Annex and Rehabilitation Center (General Funds) payable at the full time rate of \$14,500.00 per annum effective January 15, 1973. The source of funds for this appointment is the Reserve for Professional Salaries Account. (RBC 125)

General Services (Development Office)

37. Appointment. Charlene S. McAnish, Secretary III, Development Office at the full time rate of \$7,584.00 per annum effective January 1, 1973. Source of funds for this new classified position is the Reserve for Classified Salaries Account. (RBC 116)

General Services (Central Stores and Transportation)

38. Transfer of Funds. Transfer funds in the amount of \$15,000.00 from the Reserve for Maintenance & Operation Appropriation to Central Stores and Transportation - Maintenance & Operation Appropriation to provide funds for rental of additional warehouse space not previously budgeted. (RBC 120)

General Services (General Services Travel Fund)

39. Transfer of Funds. Transfer funds in the amount of \$6,000.00 from the Reserve for Maintenance and Operation Appropriation to the General Services Travel Fund to cover estimated costs of travel and per diem expenses for personnel attending police training programs at Austin. (RBC 121)

Anderson-Mayfair

40. Resignation. William S. Frisbie, Resident Manager, Anderson-Mayfair effective at the close of business January 22, 1973. Mr. Frisbie was paid at the full time rate of \$17,500.00 per annum from Anderson-Mayfair Funds. (RBC 117)

## THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

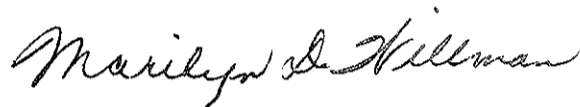
March 28, 1973

Chancellor Charles A. LeMaistre  
The University of Texas System  
Austin, Texas 78701

Dear Chancellor LeMaistre:

The attached docket for The University of Texas System School of Nursing is submitted for your approval and presentation to the Board of Regents at its meeting on April 24, 1973. The docket consists of three pages.

Sincerely yours,



Marilyn D. Willman  
President

## THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

## GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)

April 24, 1973

1. The Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower Education, Grant I A06 AH 06024-01, extends the period of the grant through December 31, 1973 at no increase in the amount of funds awarded. The original grant termination date was March 21, 1973.

## THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

## RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET

April 24, 1973

Austin Nursing School

1. Appointment of JoAnn Crow, Associate Director (3/4 time), at an annual salary rate of \$12,000, for the period March 1, 1973 through August 31, 1973. Source of Funds: EXXON Foundation Grant. (RBC# N-121)

## 2. Transfer of Funds:

From:	Assistant Instructors	\$10,000
To:	Teaching Salaries	\$10,000
For:	To provide funds for promotion and increase in salary for Elizabeth Sunderman and Virginia Rahr.	

(RBC# N-115)

El Paso Nursing School

1. Appointment of Kathryn M. Johnson, Instructor (non-tenure) at a 9 months salary rate of \$11,000, for the period January 8, 1973 through May 31, 1973. Source of Funds: Capitation Grant NU-01360-01. (RBC# N-90)

Fort Worth Nursing School

1. Appointment of Suzanne C. Smeltzer, Instructor (non-tenure) at a 9 months salary rate of \$11,000, for the period January 16, 1973 through May 31, 1973. Source of Funds: Teaching Salaries. (RBC# N-98)

2. Accept the resignation of Rosemary O. Kendrick, Assistant Instructor (non-tenure) with a 9 months salary rate of \$9,000, effective January 31, 1973. (RBC# N-112)

Galveston Nursing School

1. Appointment of Donna J. Barlow, Assistant Professor (non-tenure) without salary, for the period February 1, 1973 through August 31, 1973. Miss Barlow is also appointed as Coordinator of Nursing Programs for the Area Health Education Center contract at The University of Texas Medical Branch at Galveston, at an annual rate of \$17,500, for the period of February 1, 1973 through August 31, 1973. (RBC# N-113)

Houston Nursing School

1. Appointment of Shirley J. Robertson, Assistant Professor (non-tenure) with a 9 months salary rate of \$12,000 for the period of January 16, 1973 through May 31, 1973. Source of Funds: Teaching Salaries. (RBC# N-104)

2. Appointment of Nancy B. Fasano, Assistant Professor (non-tenure) with a 9 months salary rate of \$12,000, for the period of January 16, 1973 through May 31, 1973. Source of Funds: Teaching Salaries. (RBC# N-114)

San Antonio Nursing School

1. Appointment of Martha J. Stillabower, Instructor (non-tenure) at a 9 months salary rate of \$11,000, for the period January 16, 1973 through May 31, 1973. Source of Funds: Teaching Salaries. (RBC# N-105)

## THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

RECOMMENDED AMENDMENTS TO THE 1972-73 BUDGET  
(continued)

April 24, 1973

San Antonio Nursing School - (continued)

2. Appointment of Wilma J. Hayek, Instructor (non-tenure), at a 9 months salary rate of \$11,500, for the period January 16, 1973 through May 31, 1973. Source of Funds: Teaching Salaries. (RBC# N-106)

3. Appointment of Gloria J. Floyd, Instructor (non-tenure), at a 9 months salary rate of \$11,000, for the period January 16, 1973 through May 31, 1973. Source of Funds: Teaching Salaries. (RBC# N-107)



LAND AND INVESTMENT REPORT

Meeting of April 24, 1973

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## LAND AND INVESTMENT REPORT

For Month Ended January 31, 1973

## I. PERMANENT UNIVERSITY FUND

## PERMANENT UNIVERSITY FUND - INVESTMENT MATTERS.---

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Permanent University Fund in January, 1973. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON  
SUMMARY OF ASSETS

SECURITY	BOOK VALUE 1/31/72	BOOK YIELD 1/31/72	BOOK VALUE 1/31/73	BOOK YIELD 1/31/73
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations--				
Treasury Bonds	\$106,511,460.20	4.29%	\$ 88,848,419.80	5.11%
Government Agencies	16,620,953.80	6.99	28,862,493.64	6.93
FHA Mortgages	<u>16,296,384.25</u>	<u>6.86</u>	<u>14,935,561.70</u>	<u>7.01</u>
TOTAL - U. S. Government Obligations	<u>139,428,798.25</u>	<u>4.91</u>	<u>132,646,475.14</u>	<u>5.72</u>
Corporate Bonds	<u>236,066,661.21</u>	<u>4.93</u>	<u>239,839,203.56</u>	<u>4.91</u>
TOTAL - DEBT SECURITIES	<u>375,495,459.46</u>	<u>4.92</u>	<u>372,485,678.70</u>	<u>5.20</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	13,910,856.79	5.15	10,097,290.00	5.42
Convertible Preferred Stocks	15,848,192.03	4.16	6,342,900.64	3.80
Common Stocks	<u>195,324,270.34</u>	<u>4.27</u>	<u>236,580,031.50</u>	<u>4.40</u>
TOTAL - EQUITY SECURITIES	<u>225,083,319.16</u>	<u>4.31</u>	<u>253,020,222.14</u>	<u>4.43</u>
TOTAL - LONG TERM INVESTMENTS	<u>600,578,778.62</u>	<u>4.69</u>	<u>625,505,900.84</u>	<u>4.89</u>
<u>CASH &amp; EQUIVALENT:</u>				
Short Term U. S. Treasury Securities	-0-	-0-	7,861,069.88	5.74
Commercial Paper	9,440,000.00	<u>5.51</u>	18,515,100.00	<u>5.52</u>
Investment Transactions--				
Accounts Receivable	210,512.87		240,994.57	
Cash	<u>1,072,221.52</u>		<u>826,152.86</u>	
TOTAL - CASH & EQUIVALENT	<u>10,722,734.39</u>		<u>27,443,317.31</u>	
TOTAL - SECURITIES, CASH & EQUIVALENT	<u>\$611,301,513.01</u>	<u>4.69%</u>	<u>\$652,949,218.15*</u>	<u>4.91%</u>

\*Includes \$39,186,057.51 Realized Net Profit

Indicated Annual Income      \$ 28,670,040.00                      \$ 32,053,277.00

SUMMARY OF TRANSACTIONS  
January 31, 1973

	<u>Cost</u>		<u>Current Yield</u>
Purchases:			
U. S. Government Obligations--			
U. S. Treasury Securities	\$ 9,183,171.88		6.01%
Government Agencies	4,853,462.52		7.03
Corporate Bonds	343,998.68		7.20
Common Stocks	<u>1,152,166.36</u>		<u>0.70</u>
<b>TOTAL LONG TERM PURCHASES</b>	<b><u>\$15,532,799.44</u></b>		<b><u>5.96%</u></b>
	<u>Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield</u>
Sales:			
U. S. Government Obligations--			
U. S. Treasury Securities	\$ 3,999,366.09	(\$1,157,708.80)	6.05%
Government Agencies	146,921.99	( 1,385.27)	6.94
FHA Mortgages	245,503.72	-0-	7.01
Corporate Bonds	1,929,555.54	( 515,378.07)	7.12
Convertible Bonds	1,152,166.36	-0-	5.00
Common Stocks	<u>12,476,338.60</u>	<u>4,868,293.39</u>	<u>2.10</u>
<b>TOTAL LONG TERM SALES</b>	<b><u>\$19,949,852.30</u></b>	<b><u>\$3,193,821.25</u></b>	<b><u>3.64%</u></b>

BOND EXCHANGES

<u>Par Exchanged</u>	<u>Increase in Annual Income</u>
\$1,796,000	\$14,593.04

PERMANENT UNIVERSITY FUND BOOK VALUE

December 31, 1972 Balance	\$648,609,149.18
Additions (January, 1973)	
Realized Net Gain or (Loss) on Security Transactions	\$3,193,821.25
From General Land Office	<u>1,146,247.72</u>
	<u>4,340,068.97</u>
January 31, 1973 Balance	<u>\$652,949,218.15</u>

## INVESTMENTS ACQUIRED

Par Value or No. Shares	Description	Price	Total Net Cost	Current Yield
	<u>U. S. GOVERNMENT OBLIGATIONS:</u>			
	<u>U. S. Treasury Securities--</u>			
\$ 600,000	U. S. Treasury Bonds 4-1/8%, due 11/15/73	\$ 98.718	\$ 592,312.50	5.80%
800,000	U. S. Treasury Notes 5-5/8%, due 8/15/74	99.468	795,750.00	5.97
7,800,000	U. S. Treasury Notes 6%, due 9/30/74	99.937	<u>7,795,109.38</u>	<u>6.03</u>
	TOTAL - U. S. Treasury Securities		<u>9,183,171.88</u>	<u>6.01</u>
	<u>Government Agencies--</u>			
3,000,000	GNMA, Pass-Through Pool #2084 7%, due 1/15/2002	98.75	2,962,500.00	7.10
1,993,109.38	GNMA, Pass-Through Pool #1997 6-1/2%, due 8/15/2002	94.875	<u>1,890,962.52</u>	<u>6.91</u>
	TOTAL - Government Agencies		<u>4,853,462.52</u>	<u>7.03</u>
	TOTAL - U. S. Government Obligations		<u>14,036,634.40</u>	<u>6.36</u>
	<u>CORPORATE BONDS:</u>			
100,000	Alabama Power Co. 3-7/8% 1st Mtge., due 1/1/88	68.333	68,333.00	7.42
43,000	Michigan Bell Tel. Co. 4-3/8% Debs., due 12/1/91	70.911	30,491.73	7.22
225,000	New England Tel. & Tel. Co. 3-1/8% Debs., due 12/15/88	62.511	140,649.75	7.10
100,000	Southwestern Bell Tel. Co. 4-3/4% Debs., due 10/1/92	74.823	74,823.00	7.15
40,000	Texas Power & Light Co. 4-1/2% SF Debs., due 1/1/89	74.253	<u>29,701.20</u>	<u>7.25</u>
	TOTAL - Corporate Bonds		<u>343,998.68</u>	<u>7.20</u>
	<u>COMMON STOCKS:</u>			
61,693 Shs.	S. S. Kresge Company (Converted \$1,100,000 p.v. S. S. Kresge Co. 5% Conv. Sub. Debs., due 4/15/95 at the rate of \$17.83 per share)	18.68	<u>1,152,166.36</u>	<u>0.70</u>
	TOTAL - LONG TERM INVESTMENTS		<u>15,532,799.44</u>	<u>5.96</u>
	<u>BONDS EXCHANGED IN:</u>			
\$1,796,000	See Bond Exchange Schedule for Detail		<u>1,651,659.77</u>	<u>4.86</u>

INVESTMENTS ACQUIRED  
(Continued)

Par Value or No. Shares	Description	Price	Total Net Cost	Current Yield
<u>COMMERCIAL PAPER:</u>				
\$2,466,000	Ford Motor Credit Company	\$100.00	\$ 2,466,000.00	5.54%
2,999,100	General Motors Acceptance Corp.	100.00	2,999,100.00	5.50
8,397,000	Sears Roebuck Acceptance Corp.	100.00	<u>8,397,000.00</u>	<u>5.35</u>
TOTAL - Commercial Paper			<u>13,862,100.00</u>	<u>5.42</u>
TOTAL - INVESTMENTS ACQUIRED			<u>\$31,046,559.21</u>	<u>5.66%</u>

INVESTMENTS DISPOSED OF

Par Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)	Yield
<u>U. S. GOVERNMENT OBLIGATIONS:</u>					
<u>U. S. Treasury Securities--</u>					
\$5,000,000	U.S. Treas. Bonds, 4-1/4%, due 8/15/92-87	\$ 79.625	\$ 3,981,250.00	(\$1,152,472.84)	6.04%
23,000	U.S. Treas. Bonds, 4-1/8%, due 5/15/94-89	78.77	<u>18,116.09</u>	( <u>5,235.96</u> )	<u>7.74</u>
TOTAL - U. S. Treasury Securities			<u>3,999,366.09</u>	( <u>1,157,708.80</u> )	<u>6.05</u>
<u>Government Agencies--</u>					
23,904.18	Farmers Home 5-3/4% Ins. Notes, due 6/29/2001	100.00	23,904.18	( 639.42 )	5.75
13,456.25	Farmers Home 5-3/4% Ins. Notes, due 6/30/2001	100.00	13,456.25	283.02	5.75
109,561.56	GNMA, Various Pools	100.00	<u>109,561.56</u>	( <u>1,028.87</u> )	<u>7.35</u>
TOTAL - Government Agencies			<u>146,921.99</u>	( <u>1,385.27</u> )	<u>6.94</u>
<u>FHA Mortgages--</u>					
245,503.72	Principal Payments	100.00	<u>245,503.72</u>	<u>-0-</u>	<u>7.01</u>
TOTAL - U. S. Government Obligations			<u>4,391,791.80</u>	( <u>1,159,094.07</u> )	<u>6.13</u>
<u>CORPORATE BONDS:</u>					
40,000	Central Illinois Public Service Co. 4-5/8% 1st Mtge., due 6/1/95	72.02	28,807.60	( 8,122.58 )	7.15
55,000	Chesapeake & Potomac Tel. Co. of Maryland 5-7/8% Debs., due 6/1/2004	83.59	45,972.85	( 8,896.24 )	7.20

INVESTMENTS DISPOSED OF  
(Continued)

Par Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)	Yield
<u>CORPORATE BONDS: (Continued)</u>					
\$1,575,000	Chesapeake & Potomac Tel. Co. of Virginia 5-5/8% Debs., due 3/1/2007	\$ 79.82	\$ 1,257,206.50	(\$ 338,206.28)	7.22%
2,000	Columbus & Southern Ohio Electric Co. 4-1/8% 1st Mtge., due 1/1/88	100.73	2,014.60	52.76	4.06
20,000	Dow Chemical Co. 4-1/2% Notes, due 1/15/90	100.00	20,000.00	109.00	4.50
225,000	Duquesne Light Co. 3-3/4% 1st Mtge., due 4/1/88	69.19	155,675.25	( 55,484.92)	7.10
--	Georgia Power Co. Judgment Payment, all issues	--	6,327.90	--	--
105,000	Gulf States Utilities Co. 5-3/8% 1st Mtge., due 2/1/97	79.28	83,239.80	( 21,812.16)	7.20
180,000	Indianapolis Power & Light Co. 4-1/2% 1st Mtge., due 8/1/94	73.03	131,454.00	( 35,821.26)	6.93
86,000	Niagara Mohawk Power Corp. 3-7/8% Gen. Mtge., due 6/1/88	68.34	58,775.84	( 13,023.31)	7.35
105,000	Ohio Bell Tel. Co. 5-3/8% Debs., due 3/1/2007	77.42	81,292.05	( 27,107.23)	7.15
25,000	Texaco Inc. 4-1/2% Notes, due 12/15/89	100.00	25,000.00	3,578.71	4.50
45,000	Texas Power & Light Co. 4-1/2% 1st Mtge., due 12/1/88	75.09	<u>33,789.15</u>	<u>( 10,644.56)</u>	<u>7.15</u>
	TOTAL - Corporate Bonds		<u>1,929,555.54</u>	<u>( 515,378.07)</u>	<u>7.12</u>
<u>CONVERTIBLE BONDS:</u>					
1,100,000	S. S. Kresge Company 5% Conv. Sub. Debs., due 4/15/95 (Converted into 61,693 shs. of Common Stock at the rate of \$17.83 per share)	104.74	<u>1,152,166.36</u>	<u>-0-</u>	<u>5.00</u>
<u>COMMON STOCKS:</u>					
3,000 Shs.	Coca-Cola Co.	147.29	441,866.12	363,279.67	1.11
10,000 "	Dow Chemical Co.	100.59	1,005,900.20	559,451.58	1.79
5,410 "	Eastman Kodak Co.	148.375	802,708.75	625,716.85	0.96
10,000 "	Ford Motor Co.	79.625	796,250.00	273,526.10	3.39
8,200 "	Hercules, Inc.	73.50	602,700.00	249,657.57	1.71
6,000 "	Minnesota Mining & Manufacturing Co.	85.125	510,750.00	255,041.28	1.13

INVESTMENTS DISPOSED OF  
(Continued)

Par Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)	Yield
<u>COMMON STOCKS: (Continued)</u>					
35,000 Shs.	Oklahoma Gas & Electric Co.	\$ 28.17	\$ 985,982.00	\$ 216,769.29	4.54%
--	Oklahoma Gas & Electric Co. Rights	--	20,532.33	--	--
39,900 "	PepsiCo, Inc.	86.01	3,431,715.90	1,663,776.07	1.16
20,000 "	Texas Utilities Co.	34.22	684,396.30	187,049.22	2.92
66,712 "	Virginia Electric & Power Co.	22.93	1,529,787.00	( 170,525.30)	4.89
11,000 "	Xerox Corp.	151.25	1,663,750.00	644,551.06	0.56
TOTAL - Common Stocks			<u>12,476,338.60</u>	<u>4,868,293.39</u>	<u>2.10</u>
TOTAL - LONG TERM INVESTMENTS			<u>19,949,852.30</u>	<u>3,193,821.25</u>	<u>3.64</u>
<u>BONDS EXCHANGED OUT:</u>					
\$1,796,000	See Bond Exchange Schedule for Detail		<u>1,812,277.46</u>	<u>-0-</u>	<u>4.54</u>
<u>COMMERCIAL PAPER:</u>					
2,830,000	Ford Motor Credit Co.	100.00	2,830,000.00	-0-	5.34
3,284,000	General Motors Acceptance Corp.	100.00	3,284,000.00	-0-	5.23
2,000,000	Sears Roebuck Acceptance Corp.	100.00	2,000,000.00	-0-	5.26
TOTAL - Commercial Paper			<u>8,114,000.00</u>	<u>-0-</u>	<u>5.28</u>
TOTAL - INVESTMENTS DISPOSED OF			<u>\$29,876,129.76</u>	<u>\$3,193,821.25</u>	<u>4.14%</u>

PERMANENT UNIVERSITY FUND

SUMMARY OF BOND EXCHANGES

January, 1973

<u>Exchanges</u>	<u>Par Value Exchanged</u>	<u>Book Value</u>		<u>Principal Takeout or (Payup) Required</u>	<u>Increase in Annual Income*</u>
		<u>Issue Exchanged</u>	<u>Issue Received</u>		
U. S. Treasuries for Corporate Bonds	\$ 1,177,000	\$ 1,195,016.29	\$ 1,157,507.29	\$ 37,509.00	\$ 12,694.70
Corporate Bonds for Corporate Bonds	<u>619,000</u>	<u>617,261.17</u>	<u>494,152.48</u>	<u>123,108.69</u>	<u>1,898.34</u>
TOTAL - All Exchanges (January, 1973)	<u>\$ 1,796,000</u>	<u>\$ 1,812,277.46</u>	<u>\$ 1,651,659.77</u>	<u>\$160,617.69</u>	<u>\$ 14,593.04</u>

\*Total income improvement includes income from investment of takeout on exchanges at current market yields.



BOND EXCHANGES  
(January, 1973)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>IN- CREASE</u>	<u>BOOK YIELD</u>
		<u>U. S. Treasuries for Corporate Bonds</u>				
\$ 1,166,000	U. S. Treasury Bonds 4-1/8%, due 5/15/94-89	Philadelphia Elec. Co. 4.85% SF Debs., due 10/1/86	\$ 1,183,847.91	\$ 1,149,268.72	.99%	4.99%
					\$ 12,501.58*	
11,000	Ditto	Union Pacific Railroad Co. 2-1/2% Ref. Mtge., due 3/1/91	11,168.38	8,238.57	.55	4.55
					\$ 193.12	
<u>\$ 1,177,000</u>	<u>Total Exchange of U. S. Treasuries for Corporate Bonds</u> (January, 1973)		<u>\$ 1,195,016.29</u>	<u>\$ 1,157,507.29</u>	<u>\$ 12,694.70</u>	<u>(Total Income Improvement)</u>

\*Total Income Improvement, including income from investment of takeout (payup) on exchange.

BOND EXCHANGES  
(January, 1973)

<u>PAR VALUE</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
		<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN- CREASE</u>	<u>BOOK YIELD</u>
<u>Corporate Bonds for Corporate Bonds</u>					
\$ 119,000	Wisconsin Tel. Co. 6-1/4% Debs., due 8/1/2004	Union Pacific Railroad Co. 2-1/2% Ref. Mtge., due 3/1/91	\$ 127,433.88	\$ 84,794.99	-.85% \$ 741.26*
260,000	Pacific Tel. & Tel. Co. 4-5/8% Debs., due 5/1/2000	Ditto	249,372.29	202,749.09	-.65 \$ 563.36
110,000	Ohio Bell Tel. Co. 5-3/8% Debs., due 3/1/2007	Ditto	113,561.15	85,746.55	-.91 \$ 268.26
130,000	Boston Edison Co. 4-5/8% 1st Mtge., due 6/1/87	Southern California Edison Co. 4-3/8% 1st & Ref. Mtge., due 3/1/89	126,893.85	120,861.85	.15 \$ 325.46
<u>\$ 619,000</u>	Total Exchange of Corporate Bonds (January, 1973)		<u>\$ 617,261.17</u>	<u>\$ 494,152.48</u>	<u>\$ 1,898.34</u> (Total Income Improvement)

\*Total Income Improvement, including income from investment of takeout (payup) on exchange.

BOND PURCHASES  
(January, 1973)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>UNIT</u>	<u>COST</u>	<u>YIELD</u>
			<u>TOTAL</u>	
<u>U. S. Treasuries</u>				
\$ 800,000	U. S. Treasury Notes, 5-5/8%, due 8/15/74	\$ 99.468	\$ 795,750.00	5.97%
7,800,000	U. S. Treasury Notes, 6%, due 9/30/74	99.937	7,795,109.38	6.03
600,000	U. S. Treasury Bonds, 4-1/8%, due 11/15/73	98.718	592,312.50	5.80
<u>9,200,000</u>	Total U. S. Treasuries		<u>9,183,171.88</u>	<u>6.01</u>
<u>U. S. Government Obligations</u>				
3,000,000	GNMA, Pass-Through Pool #2084, 7%, due 1/15/2002	98.75	2,962,500.00	7.10
<u>1,993,109.38</u>	GNMA, Pass-Through Pool #1997, 6-1/2%, due 8/15/2002	94.875	<u>1,890,962.52</u>	<u>6.91</u>
<u>4,993,109.38</u>	Total U. S. Government Obligations		<u>4,853,462.52</u>	<u>7.03</u>
<u>Corporate Bonds</u>				
43,000	Michigan Bell Tel. Co. 4-3/8% Debs., due 12/1/91	70.911	30,491.73	7.22
100,000	Southwestern Bell Tel. Co. 4-3/4% Debs., due 10/1/92	74.823	74,823.00	7.15
40,000	Texas Power & Light Co. 4-1/2% SF Debs., due 1/1/89	74.253	29,701.20	7.25
100,000	Alabama Power Co. 3-7/8% 1st Mtge., due 1/1/88	68.333	68,333.00	7.42
<u>225,000</u>	New England Tel. & Tel. Co. 3-1/8% Debs., due 12/15/88	62.511	<u>140,649.75</u>	<u>7.10</u>
<u>508,000</u>	Total Corporate Bonds		<u>343,998.68</u>	<u>7.20</u>
<u>\$14,701,109.38</u>	TOTAL BONDS PURCHASED		<u>\$14,380,633.08</u>	<u>6.38%</u>

GEORGIA POWER COMPANY JUDGMENT PAYMENT

PAYMENT PURSUANT TO A JUDGMENT OF THE SUPERIOR COURT OF FULTON COUNTY, GEORGIA ENTERED SEPTEMBER 20, 1972, IN THE CASE OF GEORGIA POWER COMPANY V. CHEMICAL BANK, AS TRUSTEE, ET AL., BONDS OF RECORD NOVEMBER 27, 1972. PAYMENT AT THE RATE OF \$1.58 PER \$1,000 PRINCIPAL AMOUNT OF FIRST MORTGAGE BONDS OF GEORGIA POWER COMPANY.

<u>Issue</u>	<u>Par Value Held</u>	<u>Book Value</u>	<u>Write Down</u>	<u>Book Value after Write Down</u>
4-1/8% First Mortgage Bonds, due 3/1/88	\$ 281,000	\$ 259,847.95	\$ 443.98	\$ 259,403.97
4-7/8% First Mortgage Bonds, due 11/1/90	385,000	361,284.43	608.30	360,676.13
4-5/8% First Mortgage Bonds, due 10/1/91	424,000	398,806.94	669.92	398,137.02
4-3/8% First Mortgage Bonds, due 11/1/92	500,000	460,663.58	790.00	459,873.58
4-1/2% First Mortgage Bonds, due 11/1/93	958,000	876,831.75	1,513.64	875,318.11
4-5/8% First Mortgage Bonds, due 10/1/94	411,000	390,740.54	649.38	390,091.16
4-5/8% First Mortgage Bonds, due 9/1/95	1,046,000	1,002,817.08	<u>1,652.68</u>	1,001,164.40
TOTAL PAYMENT RECEIVED			<u>\$6,327.90</u>	

BOND SALES AND MATURITIES  
(January, 1973)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. S. Treasuries</u>				
\$ 23,000	U. S. Treasury Bonds, 4-1/8%, due 5/15/94-89	\$ 18,116.09	(\$ 5,235.96)	7.74%
<u>5,000,000</u>	U. S. Treasury Bonds, 4-1/4%, due 8/15/92-87	<u>3,981,250.00</u>	( <u>1,152,472.84</u> )	<u>6.04</u>
<u>5,023,000</u>	Total U. S. Treasuries	<u>3,999,366.09</u>	( <u>1,157,708.80</u> )	<u>6.05</u>
<u>U. S. Government Obligations</u>				
13,456.25	Farmers Home Admin. 5-3/4% Insured Notes, due 6/30/2001	13,456.25	283.02	5.75
23,904.18	Farmers Home Admin. 5-3/4% Insured Notes, due 6/29/2001	23,904.18	( 639.42)	5.75
20,135.51	GNMA, Pass-Through Pool #92, 8%, due 2/15/2001	20,135.51	( 322.17)	8.00
2,850.67	GNMA, Pass-Through Pool #114, 8%, due 1/15/2001	2,850.67	( 655.94)	8.00
843.78	GNMA, Pass-Through Pool #152, 8%, due 2/15/2001	843.78	( 187.83)	8.00
696.07	GNMA, Pass-Through Pool #236, 8%, due 1/15/2001	696.07	( 100.44)	8.00
8,236.00	GNMA, Pass-Through Pool #456, 8%, due 4/15/2001	8,236.00	( 667.12)	8.00
20,869.23	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	20,869.23	( 694.95)	8.00
11,961.00	GNMA, Pass-Through Pool #682, 7-1/2%, due 5/15/2001	11,961.00	( 380.36)	7.50
11,242.44	GNMA, Pass-Through Pool #832, 6-1/2%, due 1/15/2002	11,242.44	500.29	6.50
2,337.48	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	2,337.48	98.41	6.50
7,356.88	GNMA, Pass-Through Pool #905, 6-1/2%, due 7/15/2001	7,356.88	434.06	6.50
461.57	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	461.57	1.25	8.00
451.83	GNMA, Pass-Through Pool #1029, 6-1/2%, due 12/15/2001	451.83	28.92	6.50
15,237.59	GNMA, Pass-Through Pool #1033, 6-1/2%, due 2/15/2002	15,237.59	644.55	6.50
916.75	GNMA, Pass-Through Pool #1105, 6-1/2%, due 1/15/2002	916.75	33.64	6.50
960.69	GNMA, Pass-Through Pool #1157, 6-1/2%, due 1/15/2002	960.69	42.75	6.50
1,839.88	GNMA, Pass-Through Pool #1252, 6-1/2%, due 1/15/2002	1,839.88	59.06	6.50
<u>3,164.19</u>	GNMA, Pass-Through Pool #1306, 6-1/2%, due 1/15/2002	<u>3,164.19</u>	<u>137.01</u>	<u>6.50</u>
<u>146,921.99</u>	Total U. S. Government Obligations	<u>146,921.99</u>	( <u>1,385.27</u> )	<u>6.94</u>
<u>Corporate Bonds</u>				
2,000	Columbus & Southern Ohio Elec. Co. 4-1/8% 1st Mtge., due 1/1/88	2,014.60	52.76	4.06
25,000	Texaco, Inc. 4-1/2% Notes, due 12/15/89	25,000.00	3,578.71	4.50
55,000	Chesapeake & Potomac Tel. Co. of Maryland 5-7/8% Debs., due 6/1/2004	45,972.85	( 8,896.24)	7.20

BOND SALES AND MATURITIES (Continued)  
(January, 1973)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>Corporate Bonds (Continued)</u>				
\$ 105,000	Ohio Bell Tel. Co. 5-3/8% Debs., due 3/1/2007	\$ 81,292.05	(\$ 27,107.23)	7.15%
105,000	Gulf States Utilities Co. 5-3/8% 1st Mtge., due 2/1/97	83,239.80	( 21,812.16)	7.20
180,000	Indianapolis Power & Light Co. 4-1/2% 1st Mtge., due 8/1/94	131,454.00	( 35,821.26)	6.93
1,575,000	Chesapeake & Potomac Tel. Co. of Virginia 5-5/8% Debs., due 3/1/2007	1,257,206.50	( 338,206.28)	7.22
20,000	The Dow Chemical Co. 4-1/2% Notes, due 1/15/90	20,000.00	109.00	4.50
45,000	Texas Power & Light Co. 4-1/2% 1st Mtge., due 12/1/88	33,789.15	( 10,644.56)	7.15
40,000	Central Illinois Public Service Co. 4-5/8% 1st Mtge., due 6/1/95	28,807.60	( 8,122.58)	7.15
225,000	Duquesne Light Co. 3-3/4% 1st Mtge., due 4/1/88	155,675.25	( 55,484.92)	7.10
<u>86,000</u>	Niagara Mohawk Power Corp. 3-7/8% Gen. Mtge., due 6/1/88	<u>58,775.84</u>	<u>( 13,023.31)</u>	<u>7.35</u>
<u>2,463,000</u>	Total Corporate Bonds	<u>1,923,227.64</u>	<u>( 515,378.07)</u>	<u>7.12</u>
<u>\$ 7,632,921.99</u>	TOTAL BONDS SOLD AND MATURED	<u>\$ 6,069,515.72</u>	<u>(\$1,674,472.14)</u>	<u>6.41%</u>

CASH STATEMENT  
January 31, 1973

	Permanent Fund	Available Fund
<u>RECEIPTS:</u>		
From General Land Office	\$ 1,146,247.72	
From Disposition of Securities:		
U. S. Government Obligations		
U. S. Treasury Securities	3,999,366.09	
Farmers Home Admin. Prepayments	37,360.43	
GNMA Principal Payments	109,561.56	
FHA Mortgages	245,503.72	
Corporate Bonds	1,929,555.54	
Convertible Bonds	1,152,166.36	
Common Stocks	12,476,338.60	
Commercial Paper	8,114,000.00	
Bond Exchanges - Net Receipts	160,617.69	
Interest Collected:		
U. S. Government Obligations		
U. S. Treasury Securities		(\$ 50,339.76)
Farmers Home Administration		2,019.53
GNMA Interest Payments		104,009.24
FHA Mortgages		84,120.96
Corporate Bonds		1,044,313.05
Convertible Bonds		100,000.00
Commercial Paper		68,533.35
Dividends Collected:		
Common & Preferred Stocks		1,002,571.09
Amortization of Premium	3,040.24	
TOTAL RECEIPTS	29,373,757.95	<u>\$2,355,227.46</u>
Cash on Hand 1/1/73	1,118,247.12	
TOTAL RECEIPTS AND CASH	<u>\$30,492,005.07</u>	

CASH STATEMENT  
January 31, 1973  
(Continued)

	Permanent Fund	Available Fund
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
U. S. Government Obligations		
U. S. Treasury Securities	\$ 9,183,171.88	
GNMA	4,853,462.52	
Corporate Bonds	343,998.68	
Common Stocks	1,152,166.36	
Commercial Paper	13,862,100.00	
Amortization of Discount	29,770.24	
To Clear Out Available Fund		\$2,355,227.46
TOTAL DISBURSEMENTS	29,424,669.68	\$2,355,227.46
Cash and Receivables 1/31/73:		
Cash on Hand	826,152.86	
Accounts Receivable	241,182.53	
TOTAL CASH AND RECEIVABLES	1,067,335.39	
TOTAL DISBURSEMENTS, CASH AND RECEIVABLES 1/31/73	\$30,492,005.07	



For Month Ended February 28, 1973

## I. PERMANENT UNIVERSITY FUND

## PERMANENT UNIVERSITY FUND - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Permanent University Fund in February, 1973. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON  
SUMMARY OF ASSETS

SECURITY	BOOK VALUE 2/29/72	BOOK YIELD 2/29/72	BOOK VALUE 2/28/73	BOOK YIELD 2/28/73
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations--				
Treasury Bonds	\$106,537,727.60	4.30%	\$ 88,960,533.25	5.12%
Government Agencies	21,304,685.27	6.95	28,663,100.78	6.93
FHA Mortgages	<u>16,261,778.71</u>	<u>6.86</u>	<u>14,850,101.59</u>	<u>7.01</u>
TOTAL - U. S. Government Obligations	<u>144,104,191.58</u>	<u>4.98</u>	<u>132,473,735.62</u>	<u>5.73</u>
Corporate Bonds	<u>234,866,281.93</u>	<u>4.93</u>	<u>239,318,436.32</u>	<u>4.91</u>
TOTAL - DEBT SECURITIES	<u>378,970,473.51</u>	<u>4.95</u>	<u>371,792,171.94</u>	<u>5.20</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	13,910,856.79	5.15	10,097,290.00	5.42
Convertible Preferred Stocks	15,848,192.03	4.16	6,342,900.64	3.80
Common Stocks	<u>194,931,904.54</u>	<u>4.28</u>	<u>240,508,011.57</u>	<u>4.43</u>
TOTAL - EQUITY SECURITIES	<u>224,690,953.36</u>	<u>4.33</u>	<u>256,948,202.21</u>	<u>4.45</u>
TOTAL - LONG TERM INVESTMENTS	<u>603,661,426.87</u>	<u>4.72</u>	<u>628,740,374.15</u>	<u>4.89</u>
<u>CASH &amp; EQUIVALENT:</u>				
Short Term U. S. Treasury Securities	--	--	9,072,870.33	5.71
Commercial Paper	7,840,000.00	<u>4.82</u>	16,841,100.00	<u>5.89</u>
Investment Transactions--				
Accounts Receivable	369,007.15		-0-	
Accounts Payable	2,391.20		-0-	
Cash	<u>765,698.68</u>		<u>164,183.68</u>	
TOTAL - CASH & EQUIVALENT	<u>8,977,097.03</u>		<u>26,078,154.01</u>	<u>5.79</u>
TOTAL - SECURITIES, CASH & EQUIVALENT	<u>\$612,638,523.90</u>	<u>4.71%</u>	<u>\$654,818,528.16*</u>	<u>4.92%</u>

\*Includes \$39,264,165.76 Realized Net Profit

Indicated Annual Income           \$28,855,274.48                           \$32,256,360.70

SUMMARY OF TRANSACTIONS  
February 28, 1973

	<u>Cost</u>		<u>Current Yield</u>
Purchases:			
U. S. Treasury Securities	\$ 7,101,337.49		6.39%
Corporate Bonds	353,975.50		7.29
Common Stocks	<u>4,259,880.85</u>		<u>3.04</u>
TOTAL LONG TERM PURCHASES	<u>\$11,715,193.84</u>		<u>5.20%</u>
	<u>Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield</u>
Sales:			
U. S. Government Obligations--			
U. S. Treasury Securities	\$ 6,020,600.00	\$ 79,434.59	6.49%
Government Agencies	190,358.93	( 8,239.18)	7.04
FHA Mortgages	98,156.96	-0-	7.01
Corporate Bonds	676,422.49	( 254,365.24)	7.45
Common Stocks	<u>592,990.90</u>	<u>261,278.08</u>	<u>0.80</u>
TOTAL LONG TERM SALES	<u>\$ 7,578,529.28</u>	<u>\$ 78,108.25</u>	<u>6.16%</u>

BOND EXCHANGES

<u>Par Exchanged</u>	<u>Increase in Annual Income</u>
\$7,146,000	\$3,203.94

PERMANENT UNIVERSITY FUND BOOK VALUE

January 31, 1973 Balance	\$652,949,218.15
Additions (February, 1973)	
Realized Net Gain or (Loss)	
on Security Transactions	\$ 78,108.25
From General Land Office	<u>1,791,201.76</u>
February 28, 1973 Balance	<u>\$654,818,528.16</u>

## INVESTMENTS ACQUIRED

Par Value or No. Shares	Description	Price	Total Net Cost	Current Yield
<u>U. S. GOVERNMENT OBLIGATIONS:</u>				
\$1,200,000	U. S. Treasury Bonds 4-1/8%, due 11/15/73	\$ 98.742	\$ 1,184,906.24	5.82%
2,850,000	U. S. Treasury Notes 6-1/2%, due 8/15/76	99.81	2,844,656.25	6.56
4,060,000	U. S. Treasury Bonds 4-1/4%, due 8/15/92-87	75.66	<u>3,071,775.00</u>	<u>6.46</u>
TOTAL - U. S. Government Obligations			<u>7,101,337.49</u>	<u>6.39</u>
<u>CORPORATE BONDS:</u>				
400,000	American Tel. & Tel. Co. 5-1/8% Debs., due 4/1/2001	74.639	298,556.00	7.25
5,000	Florida Power Corp. 4-5/8% 1st Mtge., due 4/1/95	70.015	3,500.75	7.40
71,000	Oklahoma Natural Gas Co. 4-1/2% 1st Mtge., due 5/1/88	73.125	<u>51,918.75</u>	<u>7.50</u>
TOTAL - Corporate Bonds			<u>353,975.50</u>	<u>7.29</u>
<u>COMMON STOCKS:</u>				
38,000 Shs.	INA Corporation	38.80	1,474,413.05	3.87
50,000 "	Kennecott Copper Corporation	25.45	1,272,500.00	3.93
54,300 "	Melville Shoe Corporation	27.86	<u>1,512,967.80</u>	<u>1.49</u>
TOTAL - Common Stocks			<u>4,259,880.85</u>	<u>3.04</u>
TOTAL - LONG TERM INVESTMENTS			<u>11,715,193.84</u>	<u>5.20</u>
<u>BONDS EXCHANGED IN:</u>				
\$7,146,000	See Bond Exchange Schedule for Detail		<u>7,273,743.72</u>	<u>4.25</u>
<u>COMMERCIAL PAPER:</u>				
500,000	Ford Motor Credit Company	100.00	500,000.00	5.875
592,000	General Motors Acceptance Corp.	100.00	592,000.00	5.875
1,300,000	Sears Roebuck Acceptance Corp.	100.00	<u>1,300,000.00</u>	<u>6.00</u>
TOTAL - Commercial Paper			<u>2,392,000.00</u>	<u>5.94</u>
TOTAL - INVESTMENTS ACQUIRED			<u>\$21,380,937.56</u>	<u>4.96%</u>

## INVESTMENTS DISPOSED OF

Par Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)	Yield
<u>U. S. GOVERNMENT OBLIGATIONS:</u>					
<u>U. S. Treasury Securities--</u>					
\$2,850,000	U.S. Treas. Notes, 6-1/4%, due 2/15/78	\$ 98.94	\$ 2,819,718.75	\$ 151,913.59	6.50%
3,905,000	U.S. Treas. Bonds, 3-1/2%, due 11/15/80	81.97	<u>3,200,881.25</u>	( <u>72,479.00</u> )	<u>6.49</u>
	TOTAL - U. S. Treasury Securities		<u>6,020,600.00</u>	<u>79,434.59</u>	<u>6.49</u>
<u>Government Agencies--</u>					
49,193.54	Farmers Home Admin.	100.00	49,193.54	( 100.91)	5.85
141,165.39	GNMA, Various Pools	100.00	<u>141,165.39</u>	( <u>8,138.27</u> )	<u>7.47</u>
	TOTAL - Government Agencies		<u>190,358.93</u>	( <u>8,239.18</u> )	<u>7.04</u>
<u>FHA Mortgages--</u>					
98,156.96	Principal Payments	100.00	<u>98,156.96</u>	<u>-0-</u>	<u>7.01</u>
	TOTAL - U. S. Government Obligations		<u>6,309,115.89</u>	<u>71,195.41</u>	<u>6.52</u>
<u>CORPORATE BONDS:</u>					
500,000	Consolidated Edison Co. of N.Y. Inc. 4-5/8% 1st & Ref. Mtge., due 12/1/93	68.48	342,400.00	( 140,328.39)	7.68
387,000	Ohio Bell Tel. Co. 5-3/8% Debs., due 3/1/2007	76.43	295,772.49	( 103,756.29)	7.25
50,000	Oklahoma Natural Gas Co. 4-5/8% 1st Mtge., due 5/1/90	76.50	<u>38,250.00</u>	( <u>10,280.56</u> )	<u>7.00</u>
	TOTAL - Corporate Bonds		<u>676,422.49</u>	( <u>254,365.24</u> )	<u>7.45</u>
<u>COMMON STOCKS:</u>					
3,000 Shs.	Minnesota Mining & Manufacturing Co.	85.67	257,010.00	129,155.64	1.12
--	S. S. Kresge Co., fractional share	--	36.90	18.23	--
2,200 "	Xerox Corp.	152.70	<u>335,944.00</u>	<u>132,104.21</u>	<u>0.55</u>
	TOTAL - Common Stocks		<u>592,990.90</u>	<u>261,278.08</u>	<u>0.80</u>
	TOTAL - LONG TERM INVESTMENTS		<u>7,578,529.28</u>	<u>78,108.25</u>	<u>6.16</u>
<u>BONDS EXCHANGED OUT:</u>					
\$7,146,000	See Bond Exchange Schedule for Detail		<u>7,202,599.44</u>	<u>-0-</u>	<u>4.18</u>
<u>COMMERCIAL PAPER:</u>					
4,066,000	Sears Roebuck Acceptance Corp.	100.00	<u>4,066,000.00</u>	<u>-0-</u>	<u>5.38</u>
	TOTAL - INVESTMENTS DISPOSED OF		<u>\$18,847,128.72</u>	<u>\$ 78,108.25</u>	<u>5.24%</u>

PERMANENT UNIVERSITY FUND

SUMMARY OF BOND EXCHANGES

February, 1973

<u>Exchanges</u>	<u>Par Value Exchanged</u>	<u>Book Value</u>		<u>Principal Takeout or (Payup) Required</u>	<u>Increase in Annual Income*</u>
		<u>Issue Exchanged</u>	<u>Issue Received</u>		
Corporate Bonds for Corporate Bonds	\$ 1,045,000	\$ 1,008,407.54	\$ 1,036,357.44	(\$ 27,949.90)	\$ 1,693.63
U. S. Treasuries for U. S. Treasuries	<u>6,101,000</u>	<u>6,194,191.90</u>	<u>6,237,386.28</u>	( <u>43,194.38</u> )	<u>1,510.31</u>
TOTAL - All Exchanges (February, 1973)	<u>\$ 7,146,000</u>	<u>\$ 7,202,599.44</u>	<u>\$ 7,273,743.72</u>	<u>(\$ 71,144.28)</u>	<u>\$ 3,203.94</u>

\*Total income improvement includes income from investment of takeout on exchanges at current market yields.

BOND EXCHANGES  
(February, 1973)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW BOOK YIELD</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN- CREASE</u>	
<u>Corporate Bonds for Corporate Bonds</u>						
\$ 250,000	Alabama Power Co. 4-7/8% 1st Mtge., due 9/1/95	General Tel. Co. of California 5% 1st Mtge., due 12/1/95	\$ 242,297.44	\$ 242,792.44	.12% \$ 279.47*	5.22%
415,000	Carolina Power & Light Co. 5-1/8% 1st Mtge., due 4/1/96	Southern Bell Tel. & Tel. Co. 6% Debs., due 10/1/2004	398,181.55	435,593.80	.25 \$ 408.08	5.68
105,000	Gulf States Utilities Co. 4-1/4% 1st Mtge., due 9/1/86	Alabama Power Co. 4-7/8% 1st Mtge., due 9/1/95	95,101.86	92,222.76	.64 \$ 648.95	5.85
30,000	Ditto	Baltimore Gas & Elec. Co. 4-5/8% SF Debs., due 8/1/90	27,171.96	26,829.36	.37 \$ 106.26	5.58
50,000	Texas Elec. Serv. Co. 5-1/8% 1st Mtge., due 2/1/96	Central Illinois Light Co. 5-1/8% 1st Mtge., due 2/1/96	52,195.32	51,299.32	.12 \$ 83.43	4.93
150,000	Tampa Elec. Co. 5-1/2% 1st Mtge., due 4/1/96	Public Serv. Co. of Oklahoma 5-1/4% 1st Mtge., due 3/1/96	152,177.55	147,394.05	-.01 \$ 74.23	5.38
45,000	American Tel. & Tel. Co. 4-5/8% Debs., due 2/1/94	Florida Power Corp. 4-5/8% 1st Mtge., due 4/1/95	41,281.86	40,225.71	.18 \$ 93.21	5.46
<u>\$ 1,045,000</u>	<u>Total Exchange of Corporate Bonds for Corporate Bonds</u> (February, 1973)		<u>\$ 1,008,407.54</u>	<u>\$ 1,036,357.44</u>	<u>\$ 1,693.63</u> (Total Income Improvement)	

\*Total Income Improvement, including income from investment of takeout (payup) on exchange.

BOND EXCHANGES  
(February, 1973)

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u> <u>EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE</u> <u>RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE</u> <u>EXCHANGED</u>	<u>ISSUE</u> <u>RECEIVED</u>	<u>YIELD</u> <u>IN-</u> <u>CREASE</u>	<u>BOOK</u> <u>YIELD</u>
		<u>U. S. Treasuries for U. S. Treasuries</u>					
\$ 2,000,000	U. S. Treasury Bonds 4-1/8%, due 5/15/94-89	U. S. Treasury Bonds 4-1/4%, due 8/15/92-87	\$ 2,030,560.26	\$ 2,044,310.26	.05%	4.05%	\$ 575.28*
2,000,000	Ditto	Ditto	2,030,560.26	2,045,560.26	.04	4.04	\$ 330.72
2,101,000	Ditto	Ditto	2,133,071.38	2,147,515.76	.05	4.05	\$ 604.31
<u>\$ 6,101,000</u>	Total Exchange of U. S. Treasuries for U. S. Treasuries (February, 1973)		<u>\$ 6,194,191.90</u>	<u>\$ 6,237,386.28</u>	<u>\$ 1,510.31</u>		(Total Income Improvement)

\*Total Income Improvement, including income from investment of takeout (payup) on exchange.

BOND SALES AND MATURITIES  
(February, 1973)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. S. Treasuries</u>				
\$ 3,905,000	U. S. Treasury Bonds, 3-1/2%, due 11/15/80	\$ 3,200,881.25	(\$ 72,479.00)	6.49%
<u>2,850,000</u>	U. S. Treasury Notes, 6-1/4%, due 2/15/78	<u>2,819,718.75</u>	<u>151,913.59</u>	<u>6.50</u>
<u>6,755,000</u>	Total U. S. Treasuries	<u>6,020,600.00</u>	<u>79,434.59</u>	<u>6.49</u>
<u>U. S. Government Obligations</u>				
19,931.46	Farmers Home Admin. 6% Insured Notes, due 12/14/91	19,931.46	485.93	6.00
25,162.24	Farmers Home Admin. 5-3/4% Insured Notes, due 6/29/2001	25,162.24	( 673.07)	5.75
4,099.84	Farmers Home Admin. 5-3/4% Insured Notes, due 6/30/2001	4,099.84	86.23	5.75
7,534.58	GNMA, Pass-Through Pool #92, 8%, due 2/15/2001	7,534.58	( 119.80)	8.00
7,660.35	GNMA, Pass-Through Pool #114, 8%, due 1/15/2001	7,660.35	( 1,762.65)	8.00
25,452.46	GNMA, Pass-Through Pool #152, 8%, due 2/15/2001	25,452.46	( 5,630.08)	8.00
701.00	GNMA, Pass-Through Pool #236, 8%, due 1/15/2001	701.00	( 101.15)	8.00
6,383.80	GNMA, Pass-Through Pool #456, 8%, due 4/15/2001	6,383.80	( 517.09)	8.00
7,272.79	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	7,272.79	( 242.18)	8.00
43,175.58	GNMA, Pass-Through Pool #682, 7-1/2%, due 5/15/2001	43,175.58	( 1,372.98)	7.50
5,625.59	GNMA, Pass-Through Pool #832, 6-1/2%, due 1/15/2002	5,625.59	250.34	6.50
749.36	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	749.36	31.55	6.50
7,792.52	GNMA, Pass-Through Pool #905, 6-1/2%, due 7/15/2001	7,792.52	459.76	6.50
5,581.90	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	5,581.90	15.07	8.00
454.45	GNMA, Pass-Through Pool #1029, 6-1/2%, due 12/15/2001	454.45	29.08	6.50
1,976.41	GNMA, Pass-Through Pool #1033, 6-1/2%, due 2/15/2002	1,976.41	83.21	6.50
922.10	GNMA, Pass-Through Pool #1105, 6-1/2%, due 1/15/2002	922.10	33.84	6.50
966.29	GNMA, Pass-Through Pool #1157, 6-1/2%, due 1/15/2002	966.29	43.00	6.50
7,495.53	GNMA, Pass-Through Pool #1252, 6-1/2%, due 1/15/2002	7,495.53	240.61	6.50
9,040.18	GNMA, Pass-Through Pool #1306, 6-1/2%, due 1/15/2002	9,040.18	391.44	6.50
<u>2,380.50</u>	GNMA, Pass-Through Pool #2084, 7%, due 1/15/2002	<u>2,380.50</u>	<u>29.76</u>	<u>7.00</u>
<u>190,358.93</u>	Total U. S. Government Obligations	<u>190,358.93</u>	<u>( 8,239.18)</u>	<u>7.04</u>



BOND SALES AND MATURITIES (Continued)  
(February, 1973)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>Corporate Bonds</u>				
\$ 500,000	Consolidated Edison Co. of New York, Inc. 4-5/8% 1st & Ref. Mtge., due 12/1/93	\$ 342,400.00	(\$140,328.39)	7.68%
387,000	Ohio Bell Tel. Co. 5-3/8% Debs., due 3/1/2007	295,772.49	( 103,756.29)	7.25
<u>50,000</u>	Oklahoma Natural Gas Co. 4-5/8% 1st Mtge., due 5/1/90	<u>38,250.00</u>	( 10,280.56)	<u>7.00</u>
<u>937,000</u>	Total Corporate Bonds	<u>676,422.49</u>	( 254,365.24)	<u>7.45</u>
<u>\$ 7,882,358.93</u>	TOTAL BONDS SOLD AND MATURED	<u>\$ 6,887,381.42</u>	<u>(\$183,169.83)</u>	<u>6.60%</u>

BOND PURCHASES  
(February, 1973)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
<u>U. S. Treasuries</u>				
\$ 1,200,000	U. S. Treasury Bonds, 4-1/8%, due 11/15/73	\$ 98.742	\$ 1,184,906.24	5.82%
4,060,000	U. S. Treasury Bonds, 4-1/4%, due 8/15/92-87	75.66	3,071,775.00	6.46
<u>2,850,000</u>	U. S. Treasury Notes, 6-1/2%, due 8/15/76	99.81	<u>2,844,656.25</u>	<u>6.56</u>
<u>8,110,000</u>	Total U. S. Treasuries		<u>7,101,337.49</u>	<u>6.39</u>
<u>Corporate Bonds</u>				
400,000	American Tel. & Tel. Co. 5-1/8% Debs., due 4/1/2001	74.639	298,556.00	7.25
5,000	Florida Power Corp. 4-5/8% 1st Mtge., due 4/1/95	70.015	3,500.75	7.40
<u>71,000</u>	Oklahoma Natural Gas Co. 4-1/2% 1st Mtge., due 5/1/88	<u>73.125</u>	<u>51,918.75</u>	<u>7.50</u>
<u>476,000</u>	Total Corporate Bonds		<u>353,975.50</u>	<u>7.29</u>
<u>\$ 8,586,000</u>	TOTAL BONDS PURCHASED		<u>\$ 7,455,312.99</u>	<u>6.43%</u>

CASH STATEMENT  
February 28, 1973

	Permanent Fund	Available Fund
<u>RECEIPTS:</u>		
From General Land Office	\$ 1,791,201.76	
From Disposition of Securities:		
U. S. Government Obligations		
U. S. Treasury Securities	6,020,600.00	
Farmers Home Administration	49,193.54	
GNMA Principal Payments	141,165.39	
FHA Mortgages	98,156.96	
Corporate Bonds	676,422.49	
Common Stocks	592,990.90	
Commercial Paper	4,066,000.00	
Interest Collected:		
U. S. Government Obligations		
U. S. Treasury Securities		\$1,900,774.82
Farmers Home Administration		185,490.95
GNMA Interest Payments		140,509.13
FHA Mortgages		66,204.82
Corporate Bonds		766,035.57
Convertible Bonds		38,611.25
Commercial Paper		65,476.65
Dividends Collected:		
Common and Preferred Stocks		313,732.86
Amortization of Premium	31,808.12	
Accounts Receivable Collected	241,182.53	
TOTAL RECEIPTS	13,708,721.69	\$3,476,836.05
Cash on Hand 2/1/73	826,152.86	
TOTAL RECEIPTS AND CASH	\$14,534,874.55	

CASH STATEMENT  
February 28, 1973  
(Continued)

	Permanent Fund	Available Fund
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
U. S. Treasury Securities	\$ 7,101,337.49	
Corporate Bonds	353,975.50	
Common Stocks	4,259,880.85	
Commercial Paper	2,392,000.00	
Bond Exchanges - Net Payments	71,144.28	
Amortization of Discount	192,352.75	
To Clear Out Available Fund		\$3,476,836.05
TOTAL DISBURSEMENTS	14,370,690.87	\$3,476,836.05
Cash and Receivables 2/28/73:		
Cash on Hand	164,183.68	
Accounts Receivable	-0-	
TOTAL CASH AND RECEIVABLES	164,183.68	
TOTAL DISBURSEMENTS, CASH AND RECEIVABLES 2/28/73	\$14,534,874.55	

## II. TRUST AND SPECIAL FUNDS

## TRUST AND SPECIAL FUNDS - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Trust and Special Funds in January, 1973. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

## INVESTMENTS ACQUIRED

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield</u>
	<u>CORPORATE BONDS:</u> See Bond Purchase Schedule for Detail		
\$142,000	Common Trust Fund	\$ 107,822.56	<u>7.42%</u>
	<u>COMMON STOCKS:</u> See Stock Conversion Schedule for Detail		
	Common Trust Fund	<u>163,875.00</u>	<u>0.59%</u>
	TOTAL - LONG TERM INVESTMENTS	<u>\$ 271,697.56</u>	
	<u>SHORT TERM PAPER:</u>		
123,000	FMC 5-3/8% Note, due 2/28/73 (\$38,000 - Common Trust Fund - Undistributed Receipts 50,000 - The Harry Carothers Wiess Chair for Cancer Research - AH 25,000 - Dr. Witten B. Russ Chair in Surgery - SAMS 10,000 - The Dr. Malcolm K. McCullough Lectureship in Ophthalmology - GMB)	\$ 123,000.00	5.42%
409,000	FMC 5-3/8% Note, due 2/28/73 (Common Trust Fund)	409,000.00	5.42
151,500	GMAC 5-1/2% Note, due 2/28/73 (\$ 1,900 - W. A. (Bill) Cunningham Professorship- College of Engineering Foundation 3,000 - The Cline Collection of English and American Literature Since 1800 10,000 - The B. W. Henry Lectureship in Forensic Psychiatry - GMB 12,500 - James Wade Rockwell Endowment Fund - GMB 10,000 - Jack G. Taylor Endowment Fund 30,000 - Hogg Foundation: Will C. Hogg Fund 20,000 - James M. Rockwell and Sarah Wade Rockwell Endowment Fund 10,000 - Josephine Clardy Fox Estate Fund - UTEP 25,000 - Tom Slick Memorial Trust - U. T. Austin	151,500.00	5.54

(Continued)

INVESTMENTS ACQUIRED  
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
	GMAC 5-1/2% Note, due 2/28/73 (Continued) (\$10,300 - Dr. Witten B. Russ Chair in Surgery - SAMS 18,800 - Holman Taylor, Sr., M.D., and Holman Taylor, Jr., M.D., Scholarship in Dermatology - HMS)		
\$100,000	GMAC 5-1/2% Note, due 2/28/73 (\$64,000 - Common Trust Fund - Undistributed Receipts 25,000 - Arthur Young Distinguished Professorship Fund - College of Business Administration 10,000 - The Josey Professorship of Community Health Services - HMS 1,000 - Dr. Edward Randall, Jr. Memorial Fund)	\$ 100,000.00	5.53%
162,500	GMAC 5-5/8% Note, due 2/28/73 (\$102,900 - Anderson-Mayfair Mortgage Retirement Fund - AH 53,900 - Communications Foundation - Office of the Dean - School of Communication - Special Projects 5,700 - Alfred and Nellie King Graduate Fellowship - College of Engineering Foundation)	162,500.00	5.66
131,000	GMAC 5-3/8% Note, due 2/28/73 (Common Trust Fund)	131,000.00	5.41
140,429.75	FMC 5-5/8% Note, due 2/28/73 (\$44,000 - The L. D. and Marie Gale Unitrust 56,665 - Common Trust Fund - Undistributed Receipts 2,300 - Charles F. and Agnes T. Wiebusch Unitrust 1,900 - Jack G. Taylor Endowment Fund 35,564.75 - Winedale Stagecoach Inn - Varner Acreage)	140,429.75	5.65
16,800	City National Bank 5-3/8% CD, due 4/24/73 (The Lydia K. Karcher Fund for Medical Excellence - DMS)	16,800.00	5.375
295,475	City National Bank 5-5/8% CD, due 7/5/73 (Common Trust Fund)	295,475.00	5.625
2,358.41	City National Bank 5-1/2% CD, due 1/8/74 (Carl C. Maxey Unitrust)	2,358.41	5.50
12,000	City National Bank 5-1/2% CD, due 1/24/74 (Dora Dieterich Bonham Archives Guide Fund)	12,000.00	5.50

## INVESTMENTS DISPOSED OF

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield</u>
<u>U. S. GOVERNMENT OBLIGATIONS:</u>				
See Bond Sales and Maturities Schedule for Detail				
\$ 7,590.06	Common Trust Fund	\$ 7,590.06	(\$ 164.46)	7.69%
2,354.17	The William Buchanan Chair in Internal Medicine - DMS	2,354.17	( 28.93)	7.90
190.69	Reserve for Possible Fire Losses - Temporary Student Housing Units	190.69	2.40	6.50
445.34	Texas Union Building Fund	445.34	40.88	6.50
3,295.93	Student Property Deposit Scholarship Fund	3,295.93	( 3.11)	7.50
726.82	Student Property Deposit Scholarship Fund - Temporary	726.82	26.45	6.50
529.22	U.T. System - General Tuition Revenue Bonds, Series 1971, 1972, & 1972A - Reserve Fund	529.22	25.57	6.50
3,773.45	U.T. Austin - Dormitory Revenue Bond Fund, Series 1954 - Reserve Fund	3,773.45	( 161.67)	8.00
955.30	U.T. Austin - Dormitory Revenue Bonds Fund, Series 1956 - Reserve Fund	955.30	( 45.16)	8.00
2,166.88	U.T. Austin - Student Housing Revenue Bonds of 1963 - Reserve Fund	2,166.88	11.94	7.73
9,843.54	U.T. Austin - Housing System Revenue Bonds, Series 1967 - Reserve Fund	9,843.54	285.96	7.72
31,664.75	U.T. Austin - Building Revenue Bonds, Series 1969 - Utility Plant - Student Fee Revenue Bonds - Reserve Fund	31,664.75	( 1,788.07)	8.00
3,080.58	U.T. Austin - Combined Fee Revenue Bonds, Series 1970, 1971 & 1972 - Reserve Fund	3,080.58	168.10	6.59
602.01	U.T. Austin - Student Union Revenue Bonds, Series 1958 - Reserve Fund	602.01	19.61	7.17
2,912.04	Galveston Medical Branch - Dormitory Revenue Bonds, Series 1955 - Reserve Fund	2,912.04	0.32	7.72
1,069.68	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Interest & Sinking Fund	1,069.68	64.18	6.50
8,554.23	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Reserve Fund	8,554.23	494.95	6.50
82.88	U.T. El Paso - Student Housing Revenue Bonds of 1961 - Reserve Fund	82.88	2.49	6.50
5,482.78	U.T. El Paso - Building Revenue Bonds, Series 1969 - Reserve Fund	5,482.78	110.21	7.91
1,180.04	U.T. El Paso - Student Union Building Revenue Bonds, Series A and B, 1967 - Reserve Fund	1,180.04	( 26.36)	8.00
1,599.69	U.T. El Paso - Combined Fee Revenue Bonds, Series 1970 & 1971 - Reserve Fund	1,599.69	94.47	6.53

INVESTMENTS DISPOSED OF  
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield</u>
<u>U. S. GOVERNMENT OBLIGATIONS: (Continued)</u>				
\$ 743.15	U.T. Arlington - Housing System Revenue Bonds - Series 1963 - Reserve Fund	\$ 743.15	\$ 1.33	7.93%
880.66	U.T. Arlington - Student Center Fee Bonds, Series 1960 - Reserve Fund	880.66	-0-	8.00
908.18	U.T. Arlington - Gymnasium Fee Bonds - Series 1961 - Reserve Fund	908.18	-0-	8.00
3,729.60	U.T. Arlington - Student Fee Revenue Bonds - Series 1964, Series 1966, and Series 1968 - Reserve Fund	3,729.60	84.95	7.93
68.71	U.T. Arlington - Combined Fee Revenue Bonds, Series 1971, 1971A & 1973 - Reserve Fund	<u>68.71</u>	<u>3.30</u>	<u>6.50</u>
	TOTAL - U. S. Government Obligations	<u>94,430.38</u>	( <u>780.65</u> )	<u>7.64%</u>
 <u>CORPORATE BONDS:</u>				
See Bond Sales and Maturities Schedule for Detail				
155,000	Common Trust Fund	116,353.40	( 13,340.26 )	7.05%
10,000	Dora Dieterich Bonham Archives Guide Fund	10,000.00	-0-	3.125
10,000	Josephine Clardy Fox Estate Fund - UTEP	10,000.00	-0-	6.00
--	Anderson-Mayfair Mortgage Retirement Fund - AH (Georgia Power Court Judgment)	18.96	--	--
--	Winedale Stagecoach Inn - Varner Acreage (Georgia Power Court Judgment)	<u>41.08</u>	<u>--</u>	<u>--</u>
	TOTAL - Corporate Bonds	<u>136,413.44</u>	( <u>13,340.26</u> )	<u>6.68%</u>
 <u>CONVERTIBLE BONDS:</u>				
See Conversion Schedule and Bond Sales and Maturities Schedule for Detail				
100,000	Common Trust Fund	163,875.00	-0-	0.59%
2,083.33	Jack G. Taylor Endowment Fund	<u>2,083.33</u>	<u>-0-</u>	<u>8.00</u>
	TOTAL - Convertible Bonds	<u>165,958.33</u>	<u>-0-</u>	<u>0.68%</u>

INVESTMENTS DISPOSED OF  
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield</u>
	<u>COMMON STOCKS:</u>			
	See Stock Sales Schedule for Detail			
	Common Trust Fund	\$ 851,762.50	\$156,245.70	2.14%
	Winedale Stagecoach Inn - Varner Acreage	34,400.00	16,454.14	1.16
	The L. D. and Marie Gale Unitrust	76,695.75	4,883.25	--
	Tom Slick Memorial Trust - U. T. Austin	1,120.30	( 690.95)	--
	Holman Taylor, Sr., M.D., Holman Taylor, Jr., M.D., Scholarship in Dermatology - HMS	<u>12,960.00</u>	<u>1,080.00</u>	<u>3.08</u>
	TOTAL - Common Stocks	<u>976,938.55</u>	<u>177,972.14</u>	<u>1.95%</u>
	TOTAL - LONG TERM INVESTMENTS DISPOSED OF	<u>\$1,373,740.70</u>	<u>\$163,851.23</u>	

	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Yield</u>
	<u>SHORT TERM PAPER:</u>		
\$100,000	FMC 4-7/8% Note, due 1/3/73 (Board for Lease 1% Fee Fund)	\$ 100,000.00	4.92%
44,000	FMC 5-5/8% Note, due 2/28/73 (The Libbie Moody Thompson Trust - GMB Sold 1/30/73)	44,000.00	5.65
150,000	FMC 5-5/8% Note, due 1/31/73 (Ida and Cecil Green Chair Marine Biomedical Institute - GMB Prepaid 1/30/73)	150,000.00	5.63



SUMMARY OF TRANSACTIONS  
 THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND  
 January, 1973

	<u>Cost</u>		<u>Yield</u>
Purchases:			
Corporate Bonds	<u>\$107,822.56</u>		<u>7.42%</u>
(TOTAL LONG TERM PURCHASES)			
	<u>Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield</u>
Sales and Maturities:			
U. S. Government Obligations	\$ 7,590.06	(\$ 164.46)	7.69%
Corporate Bonds	115,381.70	( 13,340.26)	7.11
Common Stocks	<u>851,762.50</u>	<u>156,245.70</u>	<u>2.14</u>
TOTAL LONG TERM SALES	<u>\$974,734.26</u>	<u>\$142,740.98</u>	<u>2.77%</u>

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

(January, 1973)

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
\$ 50,000	Florida Power Corp. 3-7/8% 1st Mtge., due 7/1/86	\$ 69.924	\$ 34,962.00	7.45%
42,000	Florida Power & Light Co. 4-5/8% 1st Mtge., due 5/1/87	74.668	31,360.56	7.55
50,000	Gulf States Utilities Co. 4-5/8% Debs., due 10/1/81	83.00	41,500.00	7.30
<u>\$ 142,000</u>			<u>\$ 107,822.56</u>	<u>7.42%</u>

BOND SALES AND MATURITIES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>Corporate Bonds</u>				
\$ 70,000	Ohio Power Co. 4-5/8% 1st Mtge., due 4/1/89	\$ 51,551.50	(\$ 16,569.98)	7.45%
25,000	Indianapolis Power & Light Co. 3-5/8% 1st Mtge., due 6/1/86	18,750.00	1,592.63	6.44
40,000	Indianapolis Power & Light Co. 4-5/8% 1st Mtge., due 10/1/90	30,676.40	1,143.29	6.93
20,000	Central Illinois Public Service Co. 4-5/8% 1st Mtge., due 6/1/95	14,403.80	493.80	7.15
<u>155,000</u>	Total Corporate Bonds	<u>115,381.70</u>	<u>( 13,340.26)</u>	<u>7.11</u>
<u>U. S. Government Obligations</u>				
2,786.46	GNMA, Pass-Through Pool #95, 8%, due 12/15/2000	2,786.46	( 151.58)	8.00
1,496.23	GNMA, Pass-Through Pool #163, 8%, due 2/15/2001	1,496.23	( 81.87)	8.00
642.93	GNMA, Pass-Through Pool #548, 8%, due 4/15/2001	642.93	( 35.18)	8.00
631.79	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	631.79	( 34.57)	8.00
123.26	GNMA, Pass-Through Pool #708, 6-1/2%, due 11/15/2001	123.26	5.21	6.50
1,430.97	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	1,430.97	141.81	6.50
478.42	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	478.42	( 8.28)	8.00
<u>7,590.06</u>	Total U. S. Government Obligations	<u>7,590.06</u>	<u>( 164.46)</u>	<u>7.69</u>
<u>\$ 162,590.06</u>	TOTAL CORPORATE AND GOVERNMENT BONDS	<u>\$ 122,971.76</u>	<u>(\$ 13,504.72)</u>	<u>7.15%</u>

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND  
(January, 1973)

STOCK SALES

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
5,000 Shs.	Ford Motor Company Common Stock	\$387,625.00	\$ 61,928.87	3.48%
800 Shs.	Minnesota Mining and Manufacturing Company Common Stock	67,100.00	19,350.00	1.15
1,700 Shs.	Xerox Corporation Common Stock	250,537.50	40,470.67	0.57
2,000 Shs.	Hercules, Inc. Common Stock	146,500.00	34,496.16	1.72
		<u>\$851,762.50</u>	<u>\$156,245.70</u>	<u>2.14%</u>

CONVERSION

<u>Securities Converted</u>	<u>Book Value</u>		<u>Principal Cash Required</u>	<u>Yield</u>	<u>(Decrease) in Annual Income</u>
	<u>Issue Converted</u>	<u>Issue Received</u>			
\$100,000 p.v. S. S. Kresge Company 5% Convertible Subordinated Debentures, due 4/15/95 into					
5,608 Shares S. S. Kresge Company Common Stock (Conversion price of \$17.83 per share)	<u>\$163,875.00</u>	<u>\$163,875.00</u>	<u>-0-</u>	<u>0.59%</u>	<u>(\$4,028.69)</u>

GEORGIA POWER COMPANY JUDGMENT PAYMENT

PAYMENT PURSUANT TO A JUDGMENT OF THE SUPERIOR COURT OF FULTON COUNTY, GEORGIA ENTERED SEPTEMBER 20, 1972, IN THE CASE OF GEORGIA POWER COMPANY V. CHEMICAL BANK, AS TRUSTEE, ET AL., BONDS OF RECORD NOVEMBER 27, 1972. PAYMENT AT THE RATE OF \$1.58 PER \$1,000 PRINCIPAL AMOUNT OF FIRST MORTGAGE BONDS OF GEORGIA POWER COMPANY.

<u>Issue</u>	<u>Par Value Held</u>	<u>Book Value</u>	<u>Write Down</u>	<u>Book Value after Write Down</u>
<u>THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND:</u>				
4-1/8% First Mortgage Bonds, due 3/1/88	\$276,000	\$194,262.83	\$436.08	\$193,826.75
4-5/8% First Mortgage Bonds, due 10/1/94	79,000	70,893.44	124.82	70,768.62
3-3/8% First Mortgage Bonds, due 5/1/85	30,000	20,386.35	47.40	20,338.95
4-7/8% First Mortgage Bonds, due 11/1/90	25,000	18,646.88	39.50	18,607.38
5-1/4% First Mortgage Bonds, due 6/1/87	205,000	167,406.91	<u>323.90</u>	167,083.01
Total			<u>\$971.70</u>	
<u>WINEDALE STAGECOACH INN - VARNER ACREAGE:</u>				
5-1/4% First Mortgage Bonds, due 6/1/87	26,000	19,443.50	<u>\$41.08</u>	19,402.42
<u>ANDERSON-MAYFAIR MORTGAGE RETIREMENT FUND - ANDERSON HOSPITAL:</u>				
3-3/8% First Mortgage Bonds, due 12/1/77	12,000	10,154.28	<u>\$18.96</u>	10,135.32

STOCK RECEIVED  
(January, 1973)

<u>NO. OF SHS.</u> <u>RECEIVED</u>	<u>ISSUE</u>
9 Shs.	North Austin State Bank, Austin, Texas Common Capital Stock (6% Stock Dividend payable to holders of record as of the close of business on 11/20/72, and distributed as follows: 4 Shs. - Department of Accounting - Various Donors 4 Shs. - Department of Finance - Finance Department - Various Donors 1 Sh. - Department of Accounting - Various Purposes - Various Donors)

STOCK SALES  
(January, 1973)

<u>NO. OF</u> <u>SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
	<u>WINEDALE STAGECOACH INN - VARNER ACREAGE</u>			
400 Shs.	PepsiCo, Inc. Capital Stock	<u>\$ 34,400.00</u>	<u>\$ 16,454.14</u>	<u>1.16%</u>
	<u>THE L. D. AND MARIE GALE UNITRUST</u>			
1,149 Shs.	Texas Commerce Bancshares, Inc. Preferred Stock	<u>\$ 76,695.75</u>	<u>\$ 4,883.25</u>	--
	<u>TOM SLICK MEMORIAL TRUST - U. T. AUSTIN</u>			
45 Shs.	Louisiana-Pacific Corporation Common Stock (Spin-off from holding of 183 shares Georgia-Pacific Corporation Common Stock, paid on 1-for-4 basis)	<u>\$ 1,120.30</u>	<u>(\$ 690.95)</u>	--
	<u>HOLMAN TAYLOR, SR., M.D., HOLMAN TAYLOR, JR., M.D.</u> <u>SCHOLARSHIP FUND IN DERMATOLOGY - HOUSTON MEDICAL SCHOOL</u>			
216 Shs.	The Marshall National Bank, Marshall, Texas Common Capital Stock	<u>\$ 12,960.00</u>	<u>\$ 1,080.00</u>	<u>3.08%</u>

BOND SALES AND MATURITIES  
(January, 1973)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>DORA DIETERICH BONHAM ARCHIVES GUIDE FUND</u>				
<u>\$ 10,000</u>	Southern California Edison Co. 3-1/8% 1st & Ref. Mtge., due 1/15/73	<u>\$ 10,000.00</u>	-0-	<u>3.125%</u>
<u>JACK G. TAYLOR ENDOWMENT FUND</u>				
<u>\$ 2,083.33</u>	Universal Tel. Co. 8% Sub. Conv. Note, due 4/1/75	<u>\$ 2,083.33</u>	-0-	<u>8.00%</u>
<u>JOSEPHINE CLARDY FOX ESTATE FUND - U. T. EL PASO</u>				
<u>\$ 10,000</u>	Mutual Federal Savings and Loan Association of El Paso 6%, due 1/1/73	<u>\$ 10,000.00</u>	-0-	<u>6.00%</u>
<u>THE WILLIAM BUCHANAN CHAIR IN INTERNAL MEDICINE - DALLAS MEDICAL SCHOOL</u>				
\$ 2,192.04	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	\$ 2,192.04	(\$ 41.41)	8.00%
<u>162.13</u>	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	<u>162.13</u>	<u>12.48</u>	<u>6.50</u>
<u>\$ 2,354.17</u>		<u>\$ 2,354.17</u>	<u>(\$ 28.93)</u>	<u>7.90%</u>

GNMA PASS-THROUGH MATURITIES  
(January, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>RESERVE FOR POSSIBLE FIRE LOSSES - TEMPORARY STUDENT HOUSING UNITS:</u>			
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 190.69	\$ 2.40	6.50%
<u>TEXAS UNION BUILDING FUND:</u>			
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 445.34	\$ 40.88	6.50%
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 1,409.81	(\$ 39.76)	8.00%
GNMA, Pool #184, 8%, due 4/1/2001	803.61	-0-	8.00
GNMA, Pool #852, 6-1/2%, due 1/15/2002	477.13	0.33	6.50
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	605.38	36.32	6.50
	<u>\$ 3,295.93</u>	<u>(\$ 3.11)</u>	<u>7.50%</u>
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND - TEMPORARY:</u>			
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 192.57	\$ 4.12	6.50%
GNMA, Pool #852, 6-1/2%, due 1/15/2002	534.25	22.33	6.50
	<u>\$ 726.82</u>	<u>\$ 26.45</u>	<u>6.50%</u>
<u>U. T. SYSTEM - GENERAL TUITION REVENUE BONDS, SERIES 1971, 1972, &amp; 1972A - RESERVE FUND:</u>			
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 76.93	\$ 3.72	6.50%
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	452.29	21.85	6.50
	<u>\$ 529.22</u>	<u>\$ 25.57</u>	<u>6.50%</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BOND FUND, SERIES 1954 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 935.71	\$ -0-	8.00%
GNMA, Pool #548, 8%, due 4/15/2001	2,837.74	( 161.67)	8.00
	<u>\$ 3,773.45</u>	<u>(\$ 161.67)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BONDS FUND, SERIES 1956 - RESERVE FUND:</u>			
GNMA, Pool #548, 8%, due 4/15/2001	\$ 583.81	(\$ 33.26)	8.00%
GNMA, Pool #650, 8%, due 4/15/2001	371.49	( 11.90)	8.00
	<u>\$ 955.30</u>	<u>(\$ 45.16)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - STUDENT HOUSING REVENUE BONDS OF 1963 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 1,398.05	\$ -0-	8.00%
GNMA, Pool #650, 8%, due 4/15/2001	371.49	( 11.90)	8.00
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	397.34	23.84	6.50
	<u>\$ 2,166.88</u>	<u>\$ 11.94</u>	<u>7.73%</u>

GNMA PASS-THROUGH MATURITIES (Continued)  
(January, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. T. AUSTIN - HOUSING SYSTEM REVENUE BONDS, SERIES 1967 - RESERVE FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 4,792.52	\$ 275.57	8.00%
GNMA, Pool #184, 8%, due 4/1/2001	836.63	-0-	8.00
GNMA, Pool #548, 8%, due 4/15/2001	953.30	( 54.31)	8.00
GNMA, Pool #650, 8%, due 4/15/2001	1,419.64	( 45.49)	8.00
GNMA, Pool #708, 6-1/2%, due 11/15/2001	38.41	1.86	6.50
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	79.77	4.93	6.50
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>1,723.27</u>	<u>103.40</u>	<u>6.50</u>
	<u>\$ 9,843.54</u>	<u>\$ 285.96</u>	<u>7.72%</u>
<u>U. T. AUSTIN - BUILDING REVENUE BONDS, SERIES 1969</u>			
<u>UTILITY PLANT - STUDENT FEE REVENUE BONDS - RESERVE FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 30,828.36	(\$ 1,744.89)	8.00%
GNMA, Pool #548, 8%, due 4/15/2001	775.95	( 44.21)	8.00
GNMA, Pool #920, 8%, due 9/15/2001	<u>60.44</u>	<u>1.03</u>	<u>8.00</u>
	<u>\$ 31,664.75</u>	<u>(\$ 1,788.07)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - COMBINED FEE REVENUE BONDS, SERIES 1970, 1971 &amp; 1972 -</u>			
<u>RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 192.65	\$ -0-	8.00%
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	413.74	19.65	6.50
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>2,474.19</u>	<u>148.45</u>	<u>6.50</u>
	<u>\$ 3,080.58</u>	<u>\$ 168.10</u>	<u>6.59%</u>
<u>U. T. AUSTIN - STUDENT UNION REVENUE BONDS, SERIES 1958 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 275.21	\$ -0-	8.00%
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>326.80</u>	<u>19.61</u>	<u>6.50</u>
	<u>\$ 602.01</u>	<u>\$ 19.61</u>	<u>7.17%</u>
<u>GALVESTON MEDICAL BRANCH - DORMITORY REVENUE BONDS, SERIES 1955 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 2,377.79	\$ -0-	8.00%
GNMA, Pool #852, 6-1/2%, due 1/15/2002	<u>534.25</u>	<u>0.32</u>	<u>6.50</u>
	<u>\$ 2,912.04</u>	<u>\$ 0.32</u>	<u>7.72%</u>
<u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>			
<u>INTEREST &amp; SINKING FUND:</u>			
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>\$ 1,069.68</u>	<u>\$ 64.18</u>	<u>6.50%</u>
<u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>			
<u>RESERVE FUND:</u>			
GNMA, Pool #1279, 6-1/2%, due 7/15/2002	\$ 6,898.59	\$ 396.67	6.50%
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	803.60	48.22	6.50
GNMA, Pool #1710, 6-1/2%, due 9/15/2002	<u>852.04</u>	<u>50.06</u>	<u>6.50</u>
	<u>\$ 8,554.23</u>	<u>\$ 494.95</u>	<u>6.50%</u>



GNMA PASS-THROUGH MATURITIES (Continued)  
(January, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. T. EL PASO - STUDENT HOUSING REVENUE BONDS OF 1961 - RESERVE FUND:</u>			
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 82.88	\$ 2.49	6.50%
<u>U. T. EL PASO - BUILDING REVENUE BONDS, SERIES 1969 - RESERVE FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 4,338.58	\$ 90.24	8.00%
GNMA, Pool #184, 8%, due 4/1/2001	814.61	-0-	8.00
GNMA, Pool #920, 8%, due 9/15/2001	10.65	0.26	8.00
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	318.94	19.71	6.50
	<u>\$ 5,482.78</u>	<u>\$ 110.21</u>	<u>7.91%</u>
<u>U. T. EL PASO - STUDENT UNION BUILDING REVENUE BONDS, SERIES A AND B, 1967 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 869.66	\$ -0-	8.00%
GNMA, Pool #548, 8%, due 4/15/2001	310.38	( 26.36)	8.00
	<u>\$ 1,180.04</u>	<u>(\$ 26.36)</u>	<u>8.00%</u>
<u>U. T. EL PASO - COMBINED FEE REVENUE BONDS, SERIES 1970 &amp; 1971 - RESERVE FUND:</u>			
GNMA, Pool #920, 8%, due 9/15/2001	\$ 35.57	\$ 0.56	8.00%
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	35.50	2.19	6.50
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	1,528.62	91.72	6.50
	<u>\$ 1,599.69</u>	<u>\$ 94.47</u>	<u>6.53%</u>
<u>U. T. ARLINGTON - HOUSING SYSTEM REVENUE BONDS - SERIES 1963 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 715.54	\$ -0-	8.00%
GNMA, Pool #708, 6-1/2%, due 11/15/2001	27.61	1.33	6.50
	<u>\$ 743.15</u>	<u>\$ 1.33</u>	<u>7.93%</u>
<u>U. T. ARLINGTON - STUDENT CENTER FEE BONDS, SERIES 1960 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 880.66	\$ -0-	8.00%
<u>U. T. ARLINGTON - GYMNASIUM FEE BONDS - SERIES 1961 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 908.18	\$ -0-	8.00%
<u>U. T. ARLINGTON - STUDENT FEE REVENUE BONDS - SERIES 1964, SERIES 1966, AND SERIES 1968 - RESERVE FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 2,278.41	\$ 151.29	8.00%
GNMA, Pool #548, 8%, due 4/15/2001	1,285.85	( 73.25)	8.00
GNMA, Pool #852, 6-1/2%, due 1/15/2002	165.34	6.91	6.50
	<u>\$ 3,729.60</u>	<u>\$ 84.95</u>	<u>7.93%</u>
<u>U. T. ARLINGTON - COMBINED FEE REVENUE BONDS, SERIES 1971, 1971A &amp; 1973 - RESERVE FUND:</u>			
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 39.46	\$ 1.91	6.50%
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	29.25	1.39	6.50
	<u>\$ 68.71</u>	<u>\$ 3.30</u>	<u>6.50%</u>

## II. TRUST AND SPECIAL FUNDS

## TRUST AND SPECIAL FUNDS - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Trust and Special Funds in February, 1973. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON  
SUMMARY OF ASSETS  
THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

SECURITY	BOOK VALUE 2/29/72	BOOK YIELD 2/29/72	BOOK VALUE 2/28/73	BOOK YIELD 2/28/73
<u>DEBT SECURITIES:</u>				
U. S. Governments	\$ 860,060.38	7.65%	\$ 1,800,246.70	7.56%
Corporate Bonds	<u>7,953,072.33</u>	<u>6.96</u>	<u>11,865,655.74</u>	<u>7.25</u>
TOTAL - DEBT SECURITIES	<u>8,813,132.71</u>	<u>7.03</u>	<u>13,665,902.44</u>	<u>7.29</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	422,535.00	4.84	394,881.80	6.47
Convertible Preferred Stocks	369,107.65	3.26	212,121.60	3.21
Common Stocks	<u>11,476,046.79</u>	<u>3.93</u>	<u>20,466,750.66</u>	<u>3.96</u>
TOTAL - EQUITY SECURITIES	<u>12,267,689.44</u>	<u>3.94</u>	<u>21,073,754.06</u>	<u>4.00</u>
TOTAL - LONG TERM INVESTMENTS	<u>21,080,822.15</u>	<u>5.23</u>	<u>34,739,656.50</u>	<u>5.29</u>
<u>CASH &amp; EQUIVALENT:</u>				
Short Term Notes	42,200.00	4.69	3,370,918.06	5.75
Cash	<u>134,751.77</u>		<u>35,602.81</u>	
TOTAL - CASH & EQUIVALENT	<u>176,951.77</u>		<u>3,406,520.87</u>	
TOTAL - COMMON TRUST FUND SECURITIES, CASH & EQUIVALENT	<u>\$21,257,773.92</u>	<u>5.20%</u>	<u>\$38,146,177.37</u>	<u>5.32%</u>
Total Market Value	\$22,882,506.08		\$40,338,828.31	
Unit Value	\$2.29		\$2.399986	
Indicated Rate of Income per Unit	11.10¢		12.07¢	
Yield on Market	4.86%		5.03%	

SUMMARY OF TRANSACTIONS  
 THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND  
 February, 1973

	<u>Cost</u>		<u>Yield</u>
Purchases:			
Corporate Bonds	\$ 485,201.04		7.46%
Common Stocks	<u>695,437.23</u>		<u>3.74</u>
TOTAL LONG TERM PURCHASES	<u>\$1,180,638.27</u>		<u>5.27%</u>
	<u>Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield</u>
Sales and Maturities:			
U. S. Government Obligations	\$ 15,132.32	(\$ 444.41)	7.86%
Corporate Bonds	<u>107,319.78</u>	( <u>2,521.83</u> )	<u>7.32</u>
TOTAL LONG TERM SALES	<u>\$ 122,452.10</u>	<u>( \$ 2,966.24 )</u>	<u>7.39%</u>

## INVESTMENTS ACQUIRED

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield</u>
	<u>CORPORATE BONDS:</u>		
	See Bond Purchase Schedule for Detail		
\$634,000	Common Trust Fund	\$ 485,201.04	7.46%
100,000	The William Buchanan Chair in Internal Medicine - DMS	<u>73,125.00</u>	<u>7.50</u>
	TOTAL - Corporate Bonds	<u>558,326.04</u>	<u>7.47%</u>
	<u>COMMON STOCKS:</u>		
	See Stock Purchase Schedule for Detail		
	Common Trust Fund	<u>695,437.23</u>	<u>3.74%</u>
	TOTAL - LONG TERM INVESTMENTS	<u>\$1,253,763.27</u>	
	<u>SHORT TERM PAPER:</u>		
119,900	GMAC 5-7/8% Note, due 2/28/73 (\$15,400 - Common Trust Fund - Undistributed Receipts 1,100 - Tom Slick Memorial Trust - U. T. Austin 1,200 - W. A. (Bill) Cunningham Professorship - College of Engineering Foundation 15,700 - Hogg Foundation: Will C. Hogg Fund 1,500 - Karl and Helen McGinnis Scholarship 1,100 - Jennie and Carl Sundberg Scholarship Fund - College of Arts & Sciences Foundation 30,000 - Hogg Foundation: Varner Properties 2,300 - The James W. McLaughlin Fellowship Fund - GMB 27,300 - Josephine Clardy Fox Estate Fund - UTEP 24,300 - Betty and Glenn Mortimer Student-Faculty Excellence Fund - College of Business Administration Foundation)	\$ 119,900.00	5.90%
140,900	GMAC 5-3/4% Note, due 2/28/73 (\$27,500 - Common Trust Fund 63,000 - Common Trust Fund - Undistributed Receipts 19,300 - The L. D. and Marie Gale Unitrust 15,800 - Robertson Poth Charitable Remainder Trust - GMB 15,300 - Libbie Moody Thompson Memorial Trust - GMB)	140,900.00	5.77

INVESTMENTS ACQUIRED  
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
\$116,600	GMAC 5-5/8% Note, due 2/28/73 (Tom Slick Memorial Trust - U. T. Austin)	\$ 116,600.00	5.64%
113,900	GMAC 5-7/8% Note, due 2/28/73 (Tom Slick Memorial Trust - U. T. Austin)	113,900.00	5.89
168,000	SRAC 6% Note, due 4/2/73 (Common Trust Fund)	168,000.00	6.03
200,000	SRAC 6% Note, due 4/30/73 (Common Trust Fund)	200,000.00	6.06
250,000	SRAC 6% Note, due 5/31/73 (Common Trust Fund)	250,000.00	6.09
4,600	City National Bank 5% CD, due 8/31/73 (Student Property Deposit Scholarship Fund)	4,600.00	5.00

## INVESTMENTS DISPOSED OF

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield</u>
	U. S. GOVERNMENT OBLIGATIONS:			
	See Bond Sales and Maturities Schedule for Detail			
\$ 15,132.32	Common Trust Fund	\$ 15,132.32	(\$ 444.41)	7.86%
815.89	The William Buchanan Chair in Internal Medicine - DMS	815.89	( 10.45)	7.90
61.13	Reserve for Possible Fire Losses - Temporary Student Housing Units	61.13	0.76	6.50
142.77	Texas Union Building Fund	142.77	12.91	6.50
2,954.06	Student Property Deposit Scholar- ship Fund	2,954.06	( 42.65)	7.89
1,690.51	Student Property Deposit Scholar- ship Fund - Temporary	1,690.51	39.55	6.50
1,869.45	U.T. System - General Tuition Revenue Bonds, Series 1971, 1972, & 1972A - Reserve Fund	1,869.45	94.08	6.50
1,548.69	U.T. Austin - Dormitory Revenue Bond Fund, Series 1954 - Reserve Fund	1,548.69	( 16.08)	8.00
187.53	U.T. Austin - Dormitory Revenue Bonds Fund, Series 1956 - Reserve Fund	187.53	( 7.46)	8.00
2,063.17	U.T. Austin - Student Housing Revenue Bonds of 1963 - Reserve Fund	2,063.17	( 1.66)	7.97
7,894.93	U.T. Austin - Housing System Revenue Bonds, Series 1967 - Reserve Fund	7,894.93	331.71	7.89
36,892.38	U.T. Austin - Building Revenue Bonds, Series 1969 - Utility Plant - Student Fee Revenue Bonds - Reserve Fund	36,892.38	( 2,034.27)	8.00
935.55	U.T. Austin - Combined Fee Revenue Bonds, Series 1970, 1971 & 1972 - Reserve Fund	935.55	35.29	6.91
406.66	U.T. Austin - Student Union Revenue Bonds, Series 1958 - Reserve Fund	406.66	2.05	7.87
3,389.45	Galveston Medical Branch - Dormitory Revenue Bonds, Series 1955 - Reserve Fund	3,389.45	0.10	7.92
111.83	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Interest & Sinking Fund	111.83	6.71	6.50
11,756.51	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Reserve Fund	11,756.51	690.04	6.50
26.57	U.T. El Paso - Student Housing Revenue Bonds of 1961 - Reserve Fund	26.57	0.78	6.50
6,630.36	U.T. El Paso - Building Revenue Bonds, Series 1969 - Reserve Fund	6,630.36	128.59	7.93
1,207.88	U.T. El Paso - Student Union Building Revenue Bonds, Series A and B, 1967 - Reserve Fund	1,207.88	( 2.62)	8.00
625.70	U.T. El Paso - Combined Fee Revenue Bonds, Series 1970 & 1971 - Reserve Fund	625.70	18.60	7.51

INVESTMENTS DISPOSED OF  
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>	<u>Yield</u>
<u>U. S. GOVERNMENT OBLIGATIONS: (Continued)</u>				
\$ 1,186.21	U.T. Arlington - Housing System Revenue Bonds - Series 1963 - Reserve Fund	\$ 1,186.21	\$ 10.52	7.72%
1,191.92	U.T. Arlington - Student Center Fee Bonds, Series 1960 - Reserve Fund	1,191.92	-0-	8.00
1,229.17	U.T. Arlington - Gymnasium Fee Bonds - Series 1961 - Reserve Fund	1,229.17	-0-	8.00
2,847.77	U.T. Arlington - Student Fee Revenue Bonds - Series 1964, Series 1966, and Series 1968 - Reserve Fund	2,847.77	171.97	7.97
340.74	U.T. Arlington - Combined Fee Revenue Bonds, Series 1971, 1971A & 1973 - Reserve Fund	<u>340.74</u>	<u>16.44</u>	<u>6.50</u>
	TOTAL - U. S. Government Obligations	<u>103,139.15</u>	( <u>999.50</u> )	<u>7.71%</u>
<u>CORPORATE BONDS:</u>				
See Bond Sales and Maturities Schedule for Detail				
144,000	Common Trust Fund	107,319.78	( 2,521.83 )	7.32%
100,000	The William Buchanan Chair in Internal Medicine - DMS	76,500.00	2,272.73	7.00
6,000	George and Magnolia W. Sealy Memorial Fund - GMB	4,504.92	72.42	7.15
15,000	Jack G. Taylor Endowment Fund	<u>11,179.65</u>	( <u>125.17</u> )	<u>7.45</u>
	TOTAL - Corporate Bonds	<u>199,504.35</u>	( <u>301.85</u> )	<u>7.20%</u>
<u>COMMON STOCKS:</u>				
See Stock Sales Schedule for Detail				
	Common Trust Fund	24.86	9.52	-- %
	Tom Slick Memorial Trust - U. T. Austin	230,563.12	13,440.19	1.19
	The L. D. and Marie Gale Unitrust	<u>19,370.72</u>	<u>120.72</u>	<u>5.68</u>
	TOTAL - Common Stocks	<u>249,958.70</u>	<u>13,570.43</u>	<u>1.54%</u>
	TOTAL - LONG TERM INVESTMENTS DISPOSED OF	<u>\$ 552,602.20</u>	<u>\$12,269.08</u>	

INVESTMENTS DISPOSED OF  
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Yield</u>
	<u>SHORT TERM PAPER:</u>		
\$ 151,100	City National Bank 5-3/8% CD, due 2/26/73 (\$ 2,700 - Center for Middle Eastern Studies - Fund Raising Committee Discretionary Fund 3,000 - Arts & Sciences Foundation - Various Donors 13,000 - Henry Beckman Professorship in Chemical Engineering 4,900 - Marvin Wright Memorial Fund - College of Engineering 16,000 - Mr. & Mrs. Hines H. Baker Professorship in Law in Field of Jurisprudence 3,000 - W. H. Francis, Jr. Chair - School of Law 6,000 - Toreador Trust Funds for Salary Supplementation for the School of Law 23,000 - Stiles Professorship in American Studies 4,000 - Dora Dieterich Bonham Archives Guide Fund 10,000 - Faith Foundation Grant 12,000 - J. V. and H. A. Stiles Foundation 27,500 - Alexander Caswell Ellis Fellow- ship in Education 26,000 - Stiles Professorship in Com- parative Literature)	\$ 151,100.00	5.38%
100,000	City National Bank 5-3/8% CD, due 2/27/73 (\$14,000 - Brown and Lupton Foundation - Various Donors - Arts & Sciences Foundation 20,000 - System Development Office - Development Projects and Publications 20,000 - Lila Belle Etter Fund 46,000 - C. J. Thomsen Gift)	100,000.00	5.38
7,000	City National Bank 5% CD, due 2/28/73 (\$ 5,000 - Littlefield Fund for Southern History - Second Fund 2,000 - The William Buchanan Chair in Internal Medicine - DMS)	7,000.00	5.00
4,000	City National Bank 5% CD, due 2/28/73 (Jack G. Taylor Endowment Fund)	4,000.00	5.00
100,000	FMC 5.30% Note, due 2/28/73 (Common Trust Fund - Undistributed Receipts)	100,000.00	5.35
120,000	FMC 5-1/4% Note, due 2/28/73 (Common Trust Fund - Undistributed Receipts)	120,000.00	5.30
1,069,000	FMC 5-3/8% Note, due 2/28/73 (Common Trust Fund - Prepaid 2/20/73)	1,069,000.00	5.43



INVESTMENTS DISPOSED OF  
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Yield</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
\$ 123,000	FMC 5-3/8% Note, due 2/28/73 (\$38,000 - Common Trust Fund - Undistributed Receipts 50,000 - The Harry Carothers Wiess Chair for Cancer Research - AH 25,000 - Dr. Witten B. Russ Chair in Surgery - SAMS 10,000 - The Dr. Malcolm K. McCullough Lectureship in Ophthalmology - GMB)	\$ 123,000.00	5.42%
151,500	GMAC 5-1/2% Note, due 2/28/73 (\$ 1,900 - W. A. (Bill) Cunningham Professorship - College of Engineering Foundation 3,000 - The Cline Collection of English and American Literature Since 1800 10,000 - The B. W. Henry Lectureship in Forensic Psychiatry - GMB 12,500 - James Wade Rockwell Endowment Fund - GMB 10,000 - Jack G. Taylor Endowment Fund 30,000 - Hogg Foundation: Will C. Hogg Fund 20,000 - James M. Rockwell and Sarah Wade Rockwell Endowment Fund 10,000 - Josephine Clardy Fox Estate Fund - UTEP 10,300 - Dr. Witten B. Russ Chair in Surgery - SAMS 25,000 - Tom Slick Memorial Trust - U. T. Austin 18,800 - Holman Taylor, Sr., M.D., and Holman Taylor, Jr., M.D., Scholarship in Dermatology - HMS)	151,500.00	5.54
100,000	GMAC 5-1/2% Note, due 2/28/73 (\$64,000 - Common Trust Fund - Undistributed Receipts 25,000 - Arthur Young Distinguished Professorship Fund - College of Business Administration 10,000 - The Josey Professorship of Community Health Services - HMS 1,000 - Dr. Edward Randall, Jr. Memorial Fund)	100,000.00	5.53
162,500	GMAC 5-5/8% Note, due 2/28/73 (\$102,900 - Anderson-Mayfair Mortgage Retirement Fund - AH 53,900 - Communications Foundation - Office of the Dean - School of Communication - Special Projects 5,700 - Alfred and Nellie King Graduate Fellowship - College of Engineering Foundation)	162,500.00	5.66

INVESTMENTS DISPOSED OF  
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Yield</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
\$ 437,000	FMC 5-5/8% Note, due 2/28/73 (\$ 10,750 - Libbie Moody Thompson Memorial Trust - GMB 106,500 - The Libbie Moody Thompson Trust - GMB 179,320.25 - Clark W. Thompson Trust - GMB 56,665 - Common Trust Fund - Undistributed Receipts 2,300 - Charles F. and Agnes T. Wiebusch Unitrust 1,900 - Jack G. Taylor Endowment Fund 35,564.75 - Winedale Stagecoach Inn - Varner Acreage 44,000 - The L. D. and Marie Gale Unitrust)	\$ 437,000.00	5.65%
119,900	GMAC 5-7/8% Note, due 2/28/73 (\$15,400 - Common Trust Fund - Undistributed Receipts 1,100 - Tom Slick Memorial Trust - U. T. Austin 1,200 - W. A. (Bill) Cunningham Professorship - College of Engineering Foundation 15,700 - Hogg Foundation: Will C. Hogg Fund 1,500 - Karl and Helen McGinnis Scholarship 1,100 - Jennie and Carl Sundberg Scholarship Fund - College of Arts & Sciences Foundation 30,000 - Hogg Foundation: Varner Properties 2,300 - The James W. McLaughlin Fellowship Fund - GMB 27,300 - Josephine Clardy Fox Estate Fund - UTEP 24,300 - Betty and Glenn Mortimer Student-Faculty Excellence Fund - College of Business Administration Foundation)	119,900.00	5.90
140,900	GMAC 5-3/4% Note, due 2/28/73 (\$27,500 - Common Trust Fund 63,000 - Common Trust Fund - Undistributed Receipts 19,300 - The L. D. and Marie Gale Unitrust 15,800 - Robertson Poth Charitable Remainder Trust - GMB 15,300 - Libbie Moody Thompson Memorial Trust - GMB)	140,900.00	5.77
116,600	GMAC 5-5/8% Note, due 2/28/73 (Tom Slick Memorial Trust - U. T. Austin)	116,600.00	5.64
113,900	GMAC 5-7/8% Note, due 2/28/73 (Tom Slick Memorial Trust - U. T. Austin)	113,900.00	5.89
32,000	FMC 5.90% Note, due 2/28/73 (The L. D. and Marie Gale Unitrust)	32,000.00	5.90

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND  
(February, 1973)

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
\$ 260,000	Georgia Power Co. 5-1/4% 1st Mtge., due 6/1/87	\$ 80.699	\$ 209,816.80	7.47%
75,000	CIT Financial Corp. 4-1/2% Debs., due 9/1/84	77.966	58,474.50	7.36
51,000	Columbus & Southern Ohio Elec. Co. 4-1/2% 1st Mtge., due 3/1/87	74.234	37,859.34	7.50
8,000	Duquesne Light Co. 5% SF Debs., due 3/1/2010	68.50	5,480.00	7.54
200,000	Ohio Power Co. 4-1/4% 1st Mtge., due 11/1/86	72.809	145,618.00	7.45
<u>40,000</u>	Georgia Power Co. 4-1/8% 1st Mtge., due 3/1/88	69.881	<u>27,952.40</u>	<u>7.50</u>
<u>\$ 634,000</u>			<u>\$ 485,201.04</u>	<u>7.46%</u>

STOCK PURCHASES

<u>NO. OF SHS. PURCHASED</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
500 Shs.	General Foods Corporation Common Stock	\$ 28.10	\$ 14,051.88	5.05%
8,000 Shs.	INA Corporation Common Stock	38.71	309,688.05	3.87
6,800 Shs.	Kennecott Copper Corporation Capital Stock	25.436	172,966.70	3.93
3,600 Shs.	Melville Shoe Corporation Common Stock	27.946	100,605.60	1.49
5,000 Shs.	United Telecommunications, Inc. Common Stock	19.625	<u>98,125.00</u>	<u>5.10</u>
			<u>\$ 695,437.23</u>	<u>3.74%</u>

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND  
(February, 1973)

BOND SALES AND MATURITIES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>Corporate Bonds</u>				
\$ 10,000	Texas Electric Service Co. 3-1/4% 1st Mtge., due 5/1/82	\$ 7,540.80	(\$ 2,206.71)	6.90%
34,000	Texas Power & Light Co. 4-1/2% 1st Mtge., due 12/1/88	25,527.88	410.38	7.15
90,000	Carolina Power & Light Co. 5-1/8% 1st Mtge., due 4/1/96	67,077.90	1,395.82	7.45
<u>10,000</u>	Gulf States Utilities Co. 3-1/8% 1st Mtge., due 12/1/82	<u>7,173.20</u>	( <u>2,121.32</u> )	<u>7.20</u>
<u>144,000</u>	Total Corporate Bonds	<u>107,319.78</u>	( <u>2,521.83</u> )	<u>7.32</u>
<u>U. S. Government Obligations</u>				
7,461.80	GNMA, Pass-Through Pool #95, 8%, due 12/15/2000	7,461.80	( 405.92 )	8.00
169.57	GNMA, Pass-Through Pool #163, 8%, due 2/15/2001	169.57	( 9.22 )	8.00
63.95	GNMA, Pass-Through Pool #548, 8%, due 4/15/2001	63.95	( 3.50 )	8.00
220.18	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	220.18	( 12.05 )	8.00
972.47	GNMA, Pass-Through Pool #708, 6-1/2%, due 11/15/2001	972.47	41.14	6.50
458.75	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	458.75	45.23	6.50
<u>5,785.60</u>	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	<u>5,785.60</u>	( <u>100.09</u> )	<u>8.00</u>
<u>15,132.32</u>	Total U. S. Government Obligations	<u>15,132.32</u>	( <u>444.41</u> )	<u>7.86</u>
<u>\$ 159,132.32</u>	TOTAL CORPORATE AND GOVERNMENT BONDS	<u>\$ 122,452.10</u>	( <u>\$ 2,966.24</u> )	<u>7.39%</u>

STOCK SALES

S. S. Kresge Company Common Stock, fractional share	\$ <u>24.86</u>	\$ <u>9.52</u>	--
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THE WILLIAM BUCHANAN CHAIR IN INTERNAL MEDICINE - DALLAS MEDICAL SCHOOL  
(February, 1973)

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
<u>\$ 100,000</u>	Oklahoma Natural Gas Co. 4-1/2% 1st Mtge., due 5/1/88	\$ 73.125	<u>\$ 73,125.00</u>	<u>7.50%</u>

BOND SALES AND MATURITIES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
\$ 100,000.00	Oklahoma Natural Gas Co. 4-5/8% 1st Mtge., due 5/1/90	\$ 76,500.00	\$ 2,272.73	7.00%
763.91	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	763.91	( 14.43)	8.00
51.98	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	51.98	3.98	6.50
<u>\$ 100,815.89</u>		<u>\$ 77,315.89</u>	<u>\$ 2,262.28</u>	<u>7.01%</u>

GEORGE AND MAGNOLIA W. SEALY MEMORIAL FUND - GALVESTON MEDICAL BRANCH  
(February, 1973)

BOND SALES

<u>\$ 6,000</u>	Texas Power & Light Co. 4-1/2% 1st Mtge., due 12/1/88	<u>\$ 4,504.92</u>	<u>\$ 72.42</u>	<u>7.15%</u>
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JACK G. TAYLOR ENDOWMENT FUND  
(February, 1973)

BOND SALES

<u>\$ 15,000</u>	Carolina Power & Light Co. 5-1/8% 1st Mtge., due 4/1/96	<u>\$ 11,179.65</u>	<u>(\$ 125.17)</u>	<u>7.45%</u>
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STOCK SALES  
(February, 1973)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>TOM SLICK MEMORIAL TRUST - U. T. AUSTIN</u>				
250 Shs.	American Express Company Common Stock	\$ 15,468.75	\$ 1,156.25	0.776%
225 Shs.	Emerson Electric Company Common Stock	20,459.18	1,165.43	1.37
183 Shs.	Georgia-Pacific Corporation Common Stock	5,787.38	263.07	2.53
168 Shs.	Heublein, Inc. Common Stock	8,372.01	( 1,329.99)	1.77
94 Shs.	Johnson & Johnson Common Stock	11,574.31	106.31	0.325
188 Shs.	The Lubrizol Corporation Common Stock	7,497.53	118.53	1.07
167 Shs.	Mallinckrodt Chemical Works Class A Common Stock	13,480.50	788.50	0.516
63 Shs.	Nalco Chemical Company Common Stock	3,933.47	263.72	1.33
125 Shs.	National Chemsearch Corporation Common Stock	10,964.76	1,089.76	0.356
188 Shs.	The Pillsbury Company Common Stock	8,696.92	283.92	1.12
84 Shs.	Rex Chainbelt, Inc. (now Rexnord, Inc.) Common Stock	2,234.63	( 117.37)	5.86
83 Shs.	Reynolds (R. J.) Industries, Inc. \$2.25 Convertible Preferred Stock	4,818.40	( 887.85)	4.24
125 Shs.	Sears, Roebuck & Company Common Stock	14,140.63	828.13	1.24
167 Shs.	Southern Natural Gas Company Common Stock	10,512.65	1,327.65	2.38
167 Shs.	Squibb Corporation Common Stock	17,721.91	1,147.16	1.47
500 Shs.	Tampax, Inc. Common Stock	58,625.00	6,875.00	0.887
83 Shs.	Utah International, Inc. Capital Stock	6,871.59	490.97	1.01
62 Shs.	Xerox Corporation Common Stock	9,403.50	( 129.00)	0.547
		<u>\$ 230,563.12</u>	<u>\$ 13,440.19</u>	<u>1.19%</u>

THE L. D. AND MARIE GALE UNITRUST

500 Shs.	Libbey-Owens-Ford Company Common Stock	\$ 19,370.72	\$ 120.72	5.68%
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GNMA PASS-THROUGH MATURITIES  
(February, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>RESERVE FOR POSSIBLE FIRE LOSSES - TEMPORARY STUDENT HOUSING UNITS:</u>			
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 61.13	\$ 0.76	6.50%
<u>TEXAS UNION BUILDING FUND:</u>			
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 142.77	\$ 12.91	6.50%
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 1,650.18	(\$ 46.54)	8.00%
GNMA, Pool #184, 8%, due 4/1/2001	1,087.63	-0-	8.00
GNMA, Pool #852, 6-1/2%, due 1/15/2002	152.96	0.09	6.50
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	63.29	3.80	6.50
	<u>\$ 2,954.06</u>	<u>(\$ 42.65)</u>	<u>7.89%</u>
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND - TEMPORARY:</u>			
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 1,519.24	\$ 32.51	6.50%
GNMA, Pool #852, 6-1/2%, due 1/15/2002	171.27	7.04	6.50
	<u>\$ 1,690.51</u>	<u>\$ 39.55</u>	<u>6.50%</u>
<u>U. T. SYSTEM - GENERAL TUITION REVENUE BONDS, SERIES 1971, 1972 &amp; 1972A - RESERVE FUND:</u>			
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 606.91	\$ 25.67	6.50%
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	454.92	21.97	6.50
GNMA, Pool #1745, 6-1/2%, due 9/15/2002	807.62	46.44	6.50
	<u>\$ 1,869.45</u>	<u>\$ 94.08</u>	<u>6.50%</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BOND FUND, SERIES 1954 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 1,266.42	\$ -0-	8.00%
GNMA, Pool #548, 8%, due 4/15/2001	282.27	( 16.08)	8.00
	<u>\$ 1,548.69</u>	<u>(\$ 16.08)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BONDS FUND, SERIES 1956 - RESERVE FUND:</u>			
GNMA, Pool #548, 8%, due 4/15/2001	\$ 58.07	(\$ 3.31)	8.00%
GNMA, Pool #650, 8%, due 4/15/2001	129.46	( 4.15)	8.00
	<u>\$ 187.53</u>	<u>(\$ 7.46)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - STUDENT HOUSING REVENUE BONDS OF 1963 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 1,892.17	\$ -0-	8.00%
GNMA, Pool #650, 8%, due 4/15/2001	129.46	( 4.15)	8.00
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	41.54	2.49	6.50
	<u>\$ 2,063.17</u>	<u>(\$ 1.66)</u>	<u>7.97%</u>

GNMA PASS-THROUGH MATURITIES (Continued)  
(February, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. T. AUSTIN - HOUSING SYSTEM REVENUE BONDS, SERIES 1967 - RESERVE FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 5,609.60	\$ 322.55	8.00%
GNMA, Pool #184, 8%, due 4/1/2001	1,132.32	-0-	8.00
GNMA, Pool #548, 8%, due 4/15/2001	94.83	( 5.40)	8.00
GNMA, Pool #650, 8%, due 4/15/2001	494.73	( 15.85)	8.00
GNMA, Pool #708, 6-1/2%, due 11/15/2001	303.06	14.64	6.50
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	80.23	4.96	6.50
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	180.16	10.81	6.50
	<u>\$ 7,894.93</u>	<u>\$ 331.71</u>	<u>7.89%</u>
<u>U. T. AUSTIN - BUILDING REVENUE BONDS, SERIES 1969</u>			
<u>UTILITY PLANT - STUDENT FEE REVENUE BONDS - RESERVE FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 36,084.30	(\$ 2,042.37)	8.00%
GNMA, Pool #548, 8%, due 4/15/2001	77.18	( 4.40)	8.00
GNMA, Pool #920, 8%, due 9/15/2001	730.90	12.50	8.00
	<u>\$ 36,892.38</u>	<u>(\$ 2,034.27)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - COMBINED FEE REVENUE BONDS, SERIES 1970, 1971 &amp; 1972 -</u>			
<u>RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 260.74	\$ -0-	8.00%
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	416.14	19.77	6.50
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	258.67	15.52	6.50
	<u>\$ 935.55</u>	<u>\$ 35.29</u>	<u>6.91%</u>
<u>U. T. AUSTIN - STUDENT UNION REVENUE BONDS, SERIES 1958 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 372.48	\$ -0-	8.00%
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	34.18	2.05	6.50
	<u>\$ 406.66</u>	<u>\$ 2.05</u>	<u>7.87%</u>
<u>GALVESTON MEDICAL BRANCH - DORMITORY REVENUE BONDS, SERIES 1955 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 3,218.18	\$ -0-	8.00%
GNMA, Pool #852, 6-1/2%, due 1/15/2002	171.27	0.10	6.50
	<u>\$ 3,389.45</u>	<u>\$ 0.10</u>	<u>7.92%</u>
<u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>			
<u>INTEREST &amp; SINKING FUND:</u>			
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	\$ 111.83	\$ 6.71	6.50%
<u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>			
<u>RESERVE FUND:</u>			
GNMA, Pool #1279, 6-1/2%, due 7/15/2002	\$ 429.70	\$ 24.49	6.50%
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	84.01	5.04	6.50
GNMA, Pool #1710, 6-1/2%, due 9/15/2002	11,242.80	660.51	6.50
	<u>\$ 11,756.51</u>	<u>\$ 690.04</u>	<u>6.50%</u>



GNMA PASS-THROUGH MATURITIES (Continued)  
(February, 1973)

ISSUE	PROCEEDS	PROFIT OR (LOSS)	YIELD
<u>U. T. EL PASO - STUDENT HOUSING REVENUE BONDS OF 1961 - RESERVE FUND:</u>			
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 26.57	\$ 0.78	6.50%
<u>U. T. EL PASO - BUILDING REVENUE BONDS, SERIES 1969 - RESERVE FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 5,078.27	\$ 105.63	8.00%
GNMA, Pool #184, 8%, due 4/1/2001	1,102.53	-0-	8.00
GNMA, Pool #920, 8%, due 9/15/2001	128.77	3.14	8.00
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	390.79	19.82	6.50
	<u>\$ 6,630.36</u>	<u>\$ 128.59</u>	<u>7.93%</u>
<u>U. T. EL PASO - STUDENT UNION BUILDING REVENUE BONDS, SERIES A AND B, 1967 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 1,177.00	\$ -0-	8.00%
GNMA, Pool #548, 8%, due 4/15/2001	30.88	( 2.62)	8.00
	<u>\$ 1,207.88</u>	<u>(\$ 2.62)</u>	<u>8.00%</u>
<u>U. T. EL PASO - COMBINED FEE REVENUE BONDS, SERIES 1970 &amp; 1971 - RESERVE FUND:</u>			
GNMA, Pool #920, 8%, due 9/15/2001	\$ 430.19	\$ 6.80	8.00%
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	35.70	2.21	6.50
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	159.81	9.59	6.50
	<u>\$ 625.70</u>	<u>\$ 18.60</u>	<u>7.51%</u>
<u>U. T. ARLINGTON - HOUSING SYSTEM REVENUE BONDS - SERIES 1963 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 968.44	\$ -0-	8.00%
GNMA, Pool #708, 6-1/2%, due 11/15/2001	217.77	10.52	6.50
	<u>\$ 1,186.21</u>	<u>\$ 10.52</u>	<u>7.72%</u>
<u>U. T. ARLINGTON - STUDENT CENTER FEE BONDS, SERIES 1960 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 1,191.92	\$ -0-	8.00%
<u>U. T. ARLINGTON - GYMNASIUM FEE BONDS - SERIES 1961 - RESERVE FUND:</u>			
GNMA, Pool #184, 8%, due 4/1/2001	\$ 1,229.17	\$ -0-	8.00%
<u>U. T. ARLINGTON - STUDENT FEE REVENUE BONDS - SERIES 1964, SERIES 1966, AND SERIES 1968 - RESERVE FUND:</u>			
GNMA, Pool #121, 8%, due 11/15/2000	\$ 2,666.86	\$ 177.08	8.00%
GNMA, Pool #548, 8%, due 4/15/2001	127.90	( 7.29)	8.00
GNMA, Pool #852, 6-1/2%, due 1/15/2002	53.01	2.18	6.50
	<u>\$ 2,847.77</u>	<u>\$ 171.97</u>	<u>7.97%</u>
<u>U. T. ARLINGTON - COMBINED FEE REVENUE BONDS, SERIES 1971, 1971A &amp; 1973 - RESERVE FUND:</u>			
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 311.32	\$ 15.04	6.50%
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	29.42	1.40	6.50
	<u>\$ 340.74</u>	<u>\$ 16.44</u>	<u>6.50%</u>