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Committee Meeting: 5/13/2015

Board Meeting: 5/14/2015
Austin, Texas

Alex M. Cranberg, Chairman*
Ernest Aliseda
David J. Beck
Jeffery D. Hildebrand
Sara Martinez Tucker

*pending Board approval on 5/13/2015

	Committee Meeting	Board Meeting	Page
Convene	1:45 p.m.		
1. U. T. System Board of Regents: Discussion and appropriate action regarding Consent Agenda items, if any, referred for Committee consideration	1:45 p.m. Action	Action	238
2. U. T. System: Discussion and appropriate action regarding tuition and fee proposals for U. T. Southwestern Medical Center, U. T. Medical Branch - Galveston, U. T. Health Science Center - Houston, U. T. Health Science Center - San Antonio, and U. T. M. D. Anderson Cancer Center for Fiscal Year 2016	1:47 p.m. Action <i>Dr. Greenberg</i>	Action	406
3. U. T. Southwestern Medical Center: Request to approve the honorific naming of a new Brain Institute as the Peter O'Donnell Jr. Brain Institute in honor of Peter O'Donnell, Jr.	1:57 p.m. Action <i>President Podolsky</i> <i>Dr. Safady</i>	Action	246
4. U. T. Health Science Center - San Antonio: Approval of preliminary authority for a Doctor of Occupational Therapy degree program	2:02 p.m. Action <i>President Henrich</i>	Action	248
5. U. T. System: Report on activities and accomplishments of three National Cancer Institute-designated cancer centers at U. T. System	2:07 p.m. Report/Discussion <i>Dr. Greenberg</i> <i>Dr. Ian Thompson, Jr.</i> <i>Dr. James Willson</i> <i>Dr. Thomas Buchholz</i>	Not on Agenda	250

	Committee Meeting	Board Meeting	Page
6. U. T. System: Approval of \$5 million from Available University Funds and other sources to support Phase 1B of the U. T. Systemwide Diabetes Obesity Control initiative and delegation of authority to contract with selected entities to conduct essential feasibility studies	2:35 p.m. Action <i>Dr. Greenberg</i>	Action	282
Adjourn	2:45 p.m.		

1. **U. T. System Board of Regents: Discussion and appropriate action regarding Consent Agenda items, if any, referred for Committee consideration**

RECOMMENDATION

The proposed Consent Agenda is located at the back of the book.

2. **U. T. System: Discussion and appropriate action regarding tuition and fee proposals for U. T. Southwestern Medical Center, U. T. Medical Branch - Galveston, U. T. Health Science Center - Houston, and U. T. Health Science Center - San Antonio for Fiscal Year 2016**

RECOMMENDATION

The U. T. System Board of Regents will be asked to take appropriate action regarding the proposed tuition and fee plans for U. T. Southwestern Medical Center, U. T. Medical Branch - Galveston, U. T. Health Science Center - Houston, and U. T. Health Science Center - San Antonio for Fiscal Year 2016. Executive Vice Chancellor Greenberg will outline the institutions' proposals and recommendations as set forth on the following pages. President Podolsky, President Callender, President Colasurdo, and President Henrich will be available to address any questions regarding the proposals for the respective health institutions.

- U. T. Southwestern Medical Center, [Page 240](#)
- U. T. Medical Branch - Galveston, [Pages 241 - 243](#)
- U. T. Health Science Center - Houston, [Page 244](#)
- U. T. Health Science Center - San Antonio, [Page 245](#)

BACKGROUND INFORMATION

U. T. M. D. Anderson Cancer Center and U. T. Health Science Center - Tyler are not seeking approval of tuition and fee proposals for Fiscal Year 2016 at this time.

Summary of Proposed Tuition and Fee Plan: U. T. SOUTHWESTERN MEDICAL CENTER

Estimate of Proposed Tuition and Fee Increases

	Fall 2014 Total	Prop Fall 2015	Over Fall 2014
Medical	\$18,593	\$19,343	4.03%
Biomedical Sciences 24 semester credit hours (SCH)	\$7,443	\$7,743	4.03%
Health Professions 24 SCH	\$7,443	\$7,743	4.03%

- Estimate reflects tuition and mandatory fees.
- An increase in the Differential Tuition Rate, from \$50 to \$75 per credit hour, is proposed for Physician Assistant and Physical Therapy Programs in Fall 2015.
- A reduction is proposed for the Physician Assistant student’s malpractice fee from the current rate of \$61.00 per year to \$14.50 per year.

Projected New Revenue

	Increase in Revenue for 2015-16
Medical	\$703,500
Biomedical Sciences and Health Professions	\$340,800

The additional revenue will be used entirely to fund expenses to further develop the Center for Innovation in Education:

- Campus-wide faculty development and creation of new educational materials;
- Implementation of high fidelity simulation and digital technologies; and
- Improve on-line connectedness across campuses.

Summary of Proposed Tuition and Fee Plan: U. T. MEDICAL BRANCH - GALVESTON

Estimate of Proposed Tuition and Fee Increases
(Estimate reflects tuition, mandatory fees, and average course fees.)

	Fall 2014 Total	Prop. Fall 2015	Over Fall 2014
School of Medicine	\$17,000	\$17,408	2.3%
Graduate School of Biomedical Sciences* (9 semester credit hours)	\$2,636	\$2,690	2.1%
Graduate School of Biomedical Sciences** (9 semester credit hours)	\$2,491	\$2,536	1.8%
School of Nursing - Undergraduate (15 semester credit hours)	\$4,097	\$4,150	1.3%
School of Nursing - Graduate (9 semester credit hours)	\$4,008	\$4,008	0.0%
School of Health Professions - Undergraduate (15 semester credit hours)	\$3,136	\$3,219	2.6%
School of Health Professions - Graduate*** (9 semester credit hours)	\$2,614	\$2,677	2.4%
School of Health Professions - Graduate**** (9 semester credit hours)	\$3,277	\$3,341	1.9%

* Applies to Graduate Programs in Public Health

** Applies to all Graduate Programs in Biomedical Sciences

*** Applies to MS in Clinical Lab Science, Nutrition, and Occupational Therapy

**** Applies to Master of Physician Assistant and Doctor of Physical Therapy

Projected Annual Tuition Revenue

	Increase in Revenue for 2015-16
School of Medicine	\$318,000
Graduate School of Biomedical Sciences	\$42,280
School of Nursing	\$64,766
School of Health Professions	\$191,447

Summary of Proposed Tuition and Fee Plan: U. T. MEDICAL BRANCH - GALVESTON

Expected Use for Additional Revenue

A portion of the School of Medicine increase is statutorily reserved for financial aid, with the remainder available for general academic programs, which will be used to pay for nationally-developed, standardized exams from the National Board of Medical Examiners (NBME) for Years 1 and 2. The remainder of the additional funding will be used to assist in hiring two new educational support staff.

The additional funds in the Graduate School of Biomedical Sciences would be used to support bridging of enrolled students, student development activities, and student academic conferences. These activities are currently supported by investigator funds and GSBS funds, but limit the scope and frequency of these important activities.

The additional funds in GSBS would be used to support bridging of enrolled students, student development activities, and student academic conferences. Because of the challenging extramural funding environment and UTMB budget constraints, respectively, these activities have been significantly limited. Bridging funds provides short term stipend support for trainees when an investigator is waiting for the arrival of new grant funding. Development activities involve speakers/activities that can help with career building and job seeking skills that would launch trainees in the professional/commercial world. Travel funds allow students to network with scientists from around the country and the world, which also builds the reputation of and adds prestige to UTMB. A portion of the GSBS budget, philanthropy, and outside grants support some of these activities, but not at the level that would be needed to effectively support our trainees. The proposed increase in tuition would greatly help in providing these increasingly important activities.

The requested increase for the School of Nursing will be used to increase the number of full-time faculty and retain current full-time faculty to educate the increased numbers of students enrolling in nursing programs. Additionally, the increased funding would support part-time and pay-by-letter (PBL) clinical faculty and resources for reaching in the classroom, online, and simulation.

Additional revenue for the School of Health Professions will support additional faculty to supervise clinical settings, maintain distance education programs and instructional software, and recoup course costs.

Summary of Proposed Tuition and Fee Plan: U. T. MEDICAL BRANCH - GALVESTON

Compulsory Fees

UTMB is proposing an increase to two fees that support the University Academic Resources and Library. The first, Student Computing and Teaching Equipment Fee, will help to cover increased costs for annual maintenance and support costs of 560 personal computer student workstations and computer-related teaching equipment in 48 classrooms around campus. The second, Library Acquisition Fee, is intended to cover some of these increased costs of acquisitions, which rose 9.2% in FY14. The proposed increases, listed below, were reviewed and approved last year by the students present at an open hearing on compulsory fees.

Compulsory Fee Name	Current Fee	Proposed Fee
Student Computing & Teaching Equipment Fee	\$181.50 for SOM students \$60.50 all other students per academic year	\$220 for SOM students \$73.50 all other students per academic year
Library Acquisition Fee	\$275 per student per academic year	\$325 per student per academic year

Incidental Fees

UTMB is proposing changes to the following incidental fees and the addition of two new incidental fees. The existing fees have not been increased in quite some time and no longer cover the costs associated with providing these services. The two new incidental fees being requested are the New Student Orientation and Welcome Weekend Fee and a Credit Card Processing Fee. The New Student Orientation and Welcome Weekend Fee is being added as a one-time fee to new students to cover the costs associated with the nearly weeklong orientation program that is sponsored by the University and its four schools. The Credit Card Processing Fee is a new fee and will cover the costs associated with the service charge incurred by UTMB when accepted tuition and fee payments are from students.

Incidental Fee Name	Current Fee	Proposed Fee
Registration Processing Fee	\$15.00 per semester	\$25.00 per semester
Tuition Installment Plan Fee	\$15.00 per semester	\$25.00 per semester
Late Tuition Payment Fee	\$10.00 per occurrence	\$25.00 per occurrence
Returned Check Fee	\$25.00 per occurrence	\$25.00 per occurrence
New Student Orientation and Welcome Weekend Fee	New Fee	\$125 (one-time fee for new students)
Credit Card Processing Fee	New Fee	3%

Summary of Proposed Tuition and Fee Plan: U. T. HEALTH SCIENCE CENTER – HOUSTON

Estimate of Proposed Resident Tuition and Fee Increases

	Fall 2014 Total	Prop Fall 2015	Over Fall 2014
Medical	\$16,325	\$17,457	6.9%
Nursing Undergraduate* 15 semester credit hours (SCH)	\$3,589	\$3,685	2.6%
Nursing Graduate* 9 SCH	\$2,437	\$2,551	4.7%
Public Health	\$5,646	\$5,897	4.5%

*Figures do not reflect course fees.

Projected New Revenue

	Increase in Revenue for 2015-16
Medical	\$1,364,160
Nursing	\$223,126
Public Health	\$312,194

Additional revenue for the Medical School will allow for the development, implementation, and maintenance of a revised curriculum.

Additional revenue for the Nursing School will be used for faculty recruitment and retention, scholarships, and educational expansions for on-line testing and courses.

Additional revenue for Public Health will be used for scholarships, faculty retention, expanded course offerings, technology improvements, and rebates for graduating on time.

SCHOOL OF BIOMEDICAL INFORMATICS (No Proposed Tuition or Fee Increases for Fall 2015)

SCHOOL OF DENTISTRY (Fall 2015 Tuition and Fees approved by the Board of Regents on May 14, 2014, as proposed.)

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES (Fall 2015 Tuition and Fees approved by the Board of Regents on May 14, 2014, as proposed.)

Summary of Proposed Tuition and Fee Plan: U. T. HEALTH SCIENCE CENTER – SAN ANTONIO

Estimate of Proposed Resident Tuition and Fees Increases

	Fall 2014 Total	Prop Fall 2015	Over 2014
Nursing Undergraduate* 15 semester credit hours (SCH)	\$3,935	\$4,023	2.2%
Nursing Graduate* 9 semester credit hours (SCH)	\$3,443	\$3,516	2.1%
School of Health Professions BS Clinical Laboratory Sciences* 31 semester credit hours (SCH)	\$7,653	\$8,353	9.1%
School of Health Professions BS Respiratory Care* 32 semester credit hours (SCH)	\$7,819	\$8,561	9.5%
School of Health Professions MS Occupational Therapy* 43 semester credit hours (SCH)	\$11,396	\$12,508	9.8%
School of Health Professions D Physical Therapy* 37 semester credit hours (SCH)	\$10,248	\$11,257	9.8%
School of Health Professions MS Physician Assistant Studies 62 semester credit hours (SCH)*	\$17,029	\$18,715	9.9%
School of Health Professions Emergency Health Sciences* 42 semester credit hours (SCH)	\$7,472	\$8,001	7.1%

*Figures include average Course Fees and Mandatory Student Fees

Projected New Revenue

	Increase in Revenue for 2015-16
Nursing	\$78,905
School of Health Professions	\$486,291

Additional revenue for the Nursing School will be used to address the costs of attracting and retaining qualified faculty.

Additional revenue for the School of Health Professions will be used to address three of the school's most critical needs: 1) increases in faculty compensation, 2) investments in new faculty to expand programs, and 3) investments in teaching laboratories and technology.

SCHOOL OF MEDICINE (No Proposed Tuition or Fee Increases for Fall 2015)

SCHOOL OF DENTISTRY (Fall 2015 Tuition and Fees approved by the Board of Regents on May 14, 2014, as proposed)

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES (No Proposed Tuition or Fee Increases for Fall 2015)

3. **U. T. Southwestern Medical Center: Request to approve the honorific naming of a new Brain Institute as the Peter O'Donnell Jr. Brain Institute in honor of Peter O'Donnell, Jr.**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Health Affairs, the Vice Chancellor for External Relations, and President Podolsky that the U. T. System Board of Regents approve the honorific naming of a new Brain Institute at U. T. Southwestern Medical Center as the Peter O'Donnell Jr. Brain Institute. This recommendation is in honor of Peter O'Donnell, Jr., to recognize his longstanding support of U. T. Southwestern Medical Center.

BACKGROUND INFORMATION

The new Brain Institute will leverage U. T. Southwestern Medical Center's expertise in fundamental neuroscience, clinical and translational medicine, and brain imaging. This will allow U. T. Southwestern Medical Center to rapidly advance therapies for brain diseases and injury and further position Southwestern as an international leader in this area. The new Institute will bring together talented investigators who will collaborate to better understand the basic molecular workings of the brain and translate these discoveries into better therapies for patients suffering from brain injuries and disorders, many of which are currently incurable.

Through the O'Donnell Foundation, Edith and Peter O'Donnell have made significant contributions to medical research, education, and arts at many different entities. Their involvement with U. T. Southwestern Medical Center extends back four decades. The most recent gift from the O'Donnells will allow U. T. Southwestern Medical Center to implement a multidisciplinary, multidimensional program that will accelerate progress in injury prevention, novel brain preservation strategies, and restoring function lost by brain injury or disease. The Peter O'Donnell Jr. Brain Institute would be the first named institute at U. T. Southwestern Medical Center.

On February 13, 2013, the Board of Regents approved the honorific naming of the Applied Computational Engineering and Sciences Building at U. T. Austin as the O'Donnell Building for Applied Computational Engineering and Sciences in recognition of Mr. Peter O'Donnell, Jr., and his extraordinary history of support. In addition, on May 9, 2013, the Board of Regents approved the honorific naming of the Art and Technology Facility at U. T. Dallas as the Edith O'Donnell Arts and Technology Building in honor of Mrs. Edith O'Donnell's generous support of U. T. Dallas.

Peter O'Donnell, Jr., is Chairman of the O'Donnell Foundation of Dallas, Texas, a private foundation that develops and funds model programs designed to strengthen engineering and science education and research. Previously, Mr. O'Donnell served as a member of President Ronald Reagan's Foreign Intelligence Advisory Board, as Commissioner of the Texas National Research Laboratory Commission, and was appointed to the Texas Select Committee on Higher Education. He is a member of The Presidents' Circle of the National Academy of Science, and a founding member of the Academy of Medicine, Science and Engineering of

Texas. He received a B.S. in Mathematics from The University of the South and an M.B.A. from the Wharton Graduate School at the University of Pennsylvania. This naming proposal is consistent with the Regents' *Rules and Regulations*, Rule 80307, relating to the honorific naming of facilities to recognize an individual who has made an unforgettable impact on U. T. Southwestern Medical Center.

4. **U. T. Health Science Center - San Antonio: Approval of preliminary authority for a Doctor of Occupational Therapy degree program**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Health Affairs and President Henrich that the U. T. System Board of Regents approve

- a. preliminary authority for U. T. Health Science Center - San Antonio to transition the current entry-level Master of Occupational Therapy degree program to an entry-level Doctor of Occupational Therapy degree program; and
- b. notification of the proposal to the Texas Higher Education Coordinating Board.

BACKGROUND INFORMATION

The School of Health Professions currently offers an entry-level Master of Occupational Therapy degree program and proposes to transition this program to an entry-level Doctor of Occupational Therapy. The Doctor of Occupational Therapy program will provide additional training in leadership, specialized interventions, outcomes research and evidence-based practice, and educational and teaching skills.

The Doctor of Occupational Therapy will not be in addition to the current Master of Occupational Therapy degree. The admission requirements for the doctoral program include completion of a bachelor's degree and certain prerequisites. The intent is to begin the first cohort of Doctor of Occupational Therapy students in the Summer Session 2016 (pending all required approvals). Thus, the last master's cohort will begin the Master of Occupational Therapy program in Summer 2015 and continue in the master's program until graduation (December 2017). All students admitted in Summer 2016 or later will enter the Doctor of Occupational Therapy program.

Quality health care services are increasingly needed in complex health care service delivery systems, including those for the increased aging population, children with disabilities, and persons with multiple chronic conditions. The increased focus on primary care, inter-professional care teams, and specialization in practice has required increased content in entry-level academic programs. The current Master of Occupational Therapy degree program does not fully prepare graduates to meet the current health care challenges. Today's occupational therapist is expected to provide advanced practice in much-needed and underserved areas such as mental health, burn injuries, traumatic brain injuries, autism, and Alzheimer's disease. Graduates of the Doctor of Occupational Therapy degree program will be prepared immediately upon graduation to provide evidence-based evaluation and intervention, deliver specialized services, utilize current health care technologies, assume leadership roles in health care teams, and independently serve patients in the urban and rural settings of the South Texas region.

According to the U.S. Bureau of Labor Statistics, employment of occupational therapists is expected to increase by 29% from 2012 to 2022, and more employment prospects will be available for occupational therapists who are highly qualified in a particular treatment area (source: U.S. Bureau of Labor Statistics). In Texas, workforce demand for occupational therapy

from 2012 to 2022 was projected to increase by 29.7% and from 2006 to 2016, the projected unfilled positions as related to job openings will be 60% (source: Texas Workforce Commission). The health care environment continues to increase in complexity and will continue to demand increasingly high-level occupational therapy skills to ensure successful patient outcomes.

5. **U. T. System: Report on activities and accomplishments of three National Cancer Institute-designated cancer centers at U. T. System**

REPORT

The principal investigators and/or designees of three National Cancer Institute (NCI)-designated cancer centers at U. T. System will report on activities and accomplishments of these entities. Executive Vice Chancellor Greenberg will introduce the following panel of presenters:

- **Ian M. Thompson, Jr., M.D.**, Director, Cancer Therapy and Research Center, U. T. Health Science Center - San Antonio (Presentation is set forth on [Pages 251 - 263.](#))
- **James K. V. Willson, M.D.**, Director, Harold C. Simmons Comprehensive Cancer Center, U. T. Southwestern Medical Center (Presentation is set forth on [Pages 264 - 271.](#))
- **Thomas A. Buchholz, M.D.**, Executive Vice President and Physician-in-Chief, U. T. M. D. Anderson Cancer Center (Presentation is set forth on [Pages 272 - 281.](#))

BACKGROUND INFORMATION

NCI-designated cancer centers are characterized by scientific excellence and the capability to integrate a diversity of research approaches to focus on the problem of cancer. There are 68 NCI-designated cancer centers in the United States, including four in the State of Texas. Three of the four NCI-designated cancer centers in Texas are in the U. T. System:

- **Cancer Therapy and Research Center** at U. T. Health Science Center - San Antonio;
- **Harold C. Simmons Comprehensive Cancer Center** at U. T. Southwestern Medical Center; and
- **M. D. Anderson Cancer Center** at U. T. M. D. Anderson Cancer Center.

The Cancer Therapy and Research Center U. T. Health Science Center - San Antonio

Ian M. Thompson, Jr., M.D., Director

Mays Family Foundation Distinguished University Presidential Chair

U. T. System Board of Regents' Meeting

Health Affairs Committee

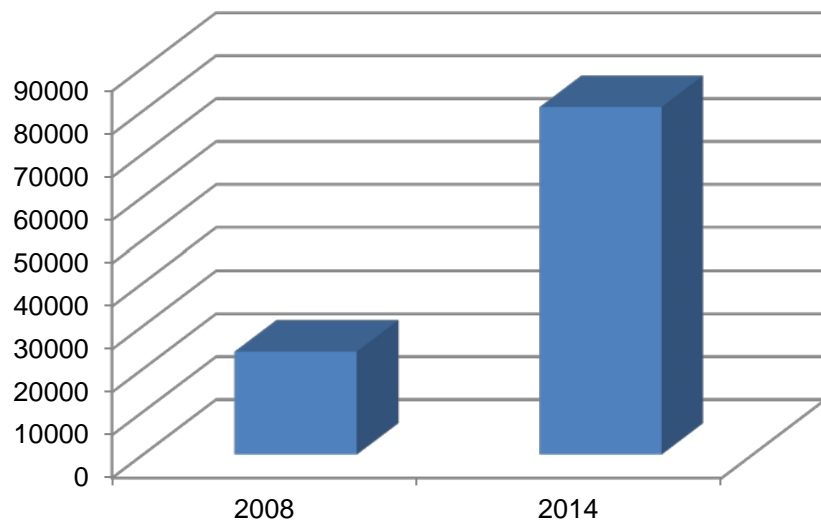
May 2015



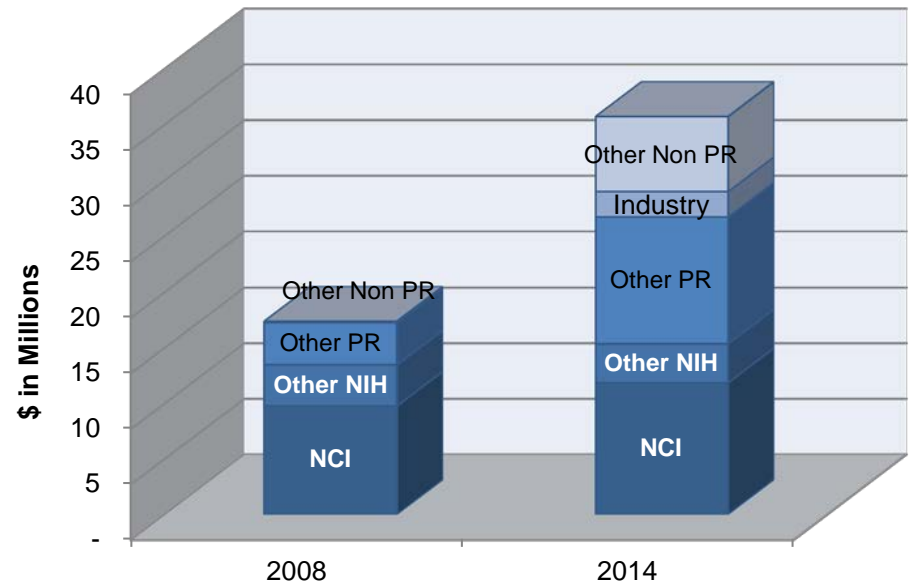


U.T. System
Board of Regents
authorize
acquisition of the
Cancer Therapy
and Research
Center (CTRC) by
U. T. Health
Science Center -
San Antonio

Patient Visits
3-fold increase



Grant Funding
More than 2-fold increase



PR – NCI recognized peer-reviewed funding agencies
 NIH – National Institutes of Health
 NCI – National Cancer Institute

National Cancer Institute-designation renewal: 2014

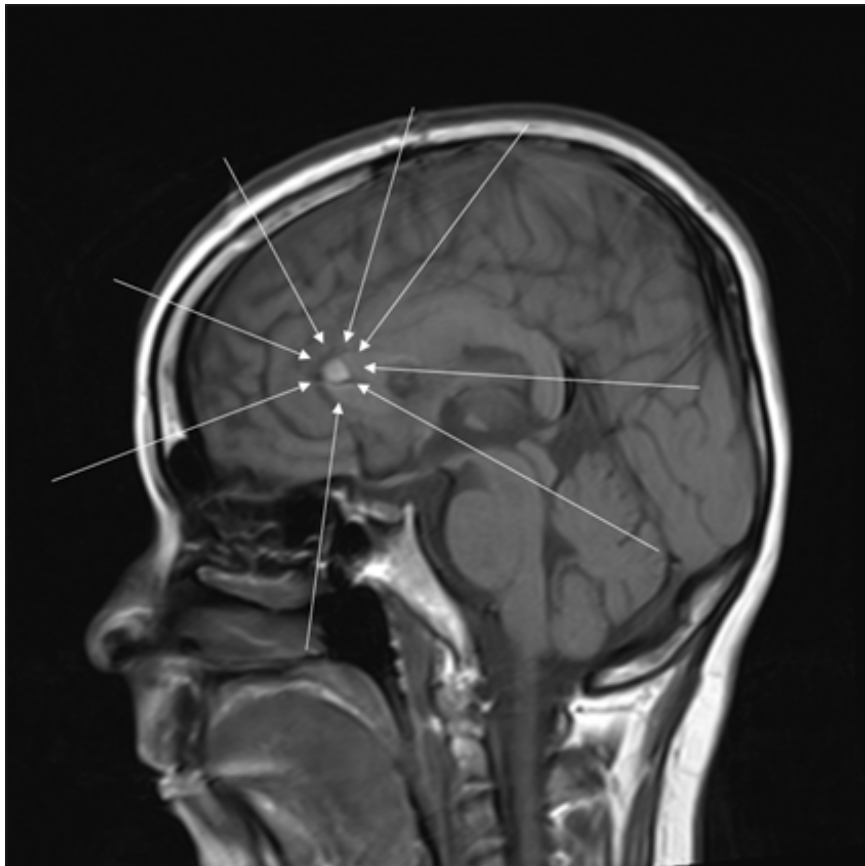


Five Missions of the CTRC



- Comprehensive cancer care
- Cancer scientific discovery
- Translating discovery to patient care
- Cancer prevention and control for South Texas
- Training the next generation

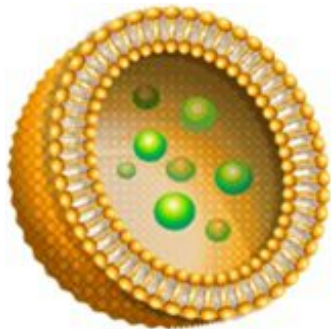
Glioblastoma – a highly-lethal cancer



- The most effective therapy:
Radiation
- Dose limited by side effects
to normal tissue

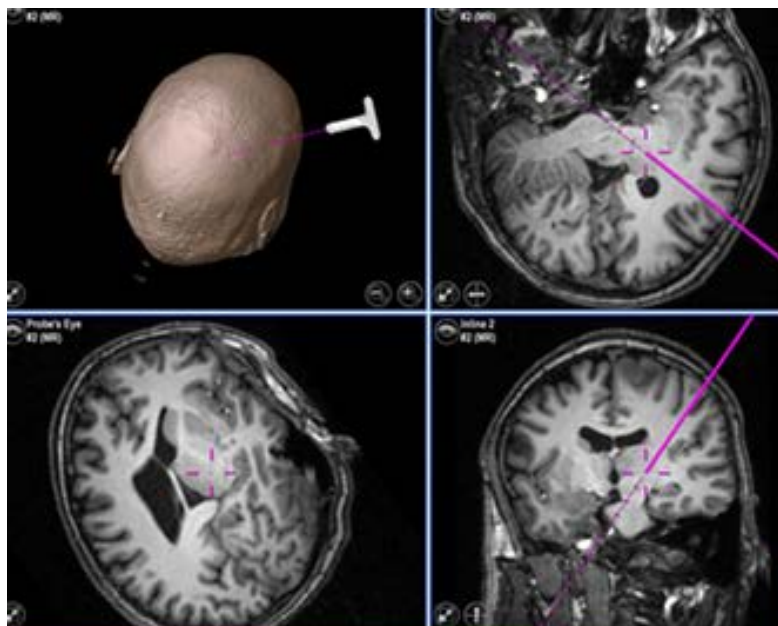
Glioblastoma – a highly-lethal cancer (cont.)

- The delivery vehicle: Nanoliposomes
- Radioactive Rhenium

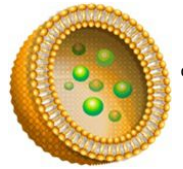
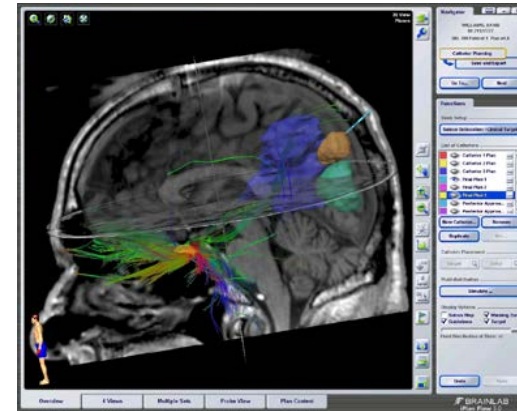
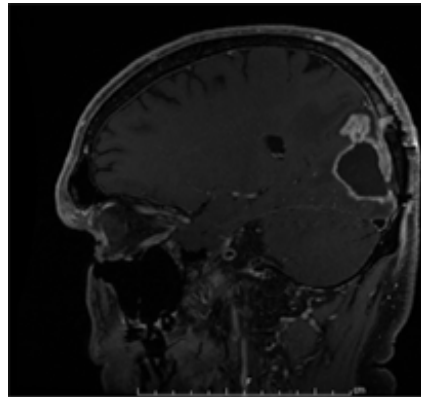


A cancer ‘poison pill’

¹⁸⁶RNL- Rhenium Nanoliposomes

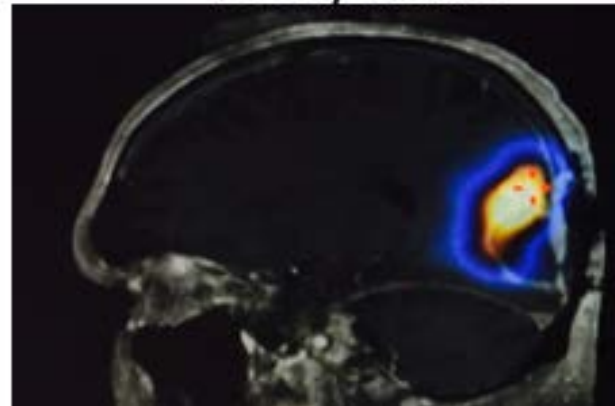
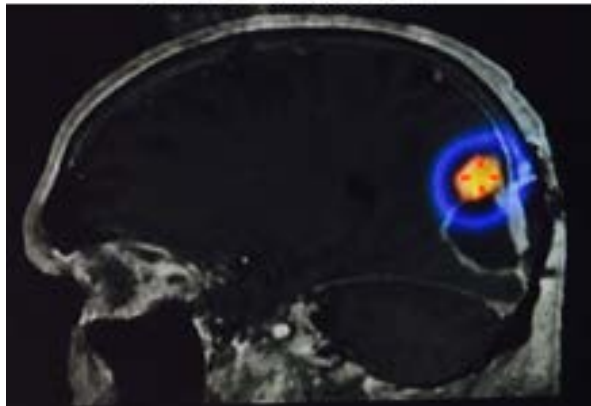


¹⁸⁶RNL- Patient 001



1 Hour After

5 Days After



Accomplishments

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697



Nandita Berry
Secretary of State

Office of the Secretary of State

CERTIFICATE OF FILING
OF

NANOTX THERAPEUTICS, INC.
File Number: 801999948

The undersigned, as Secretary of State of Texas, hereby certifies that a Certificate of Formation for the above named Domestic For-Profit Corporation has been received in this office and has been found to conform to the applicable provisions of law.

ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the secretary by law, hereby issues this certificate evidencing filing effective on the date shown below.

The issuance of this certificate does not authorize the use of a name in this state in violation of the rights of another under the federal Trademark Act of 1946, the Texas trademark law, the Assumed Business or Professional Name Act, or the common law.

Dated: 05/29/2014

Effective: 05/29/2014

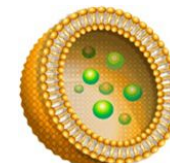


NANDITA BERRY

Nandita Berry
Secretary of State



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS



FOR IMMEDIATE RELEASE
February 18, 2015 - AUSTIN, TX

For more information, contact
[Jeff Hillery](#) 512-305-8483

CPRIT Awards 58 Research Grants to Advance the Fight Against Cancer

The Cancer Prevention and Research Institute of Texas (CPRIT) today awarded four grants through its product development research program and 54 grants through its academic research program.

- NanoTx Therapeutics, *Development of rhenium nanoliposomes for cancer therapy - San Antonio, three years, \$2,000,000** requested

This project develops a method for taking radioactive material about one-thousandth the size of a cell and injecting it into a tumor, which ingests it and irradiates itself from the inside out.

CTRC's South Texas Service Area

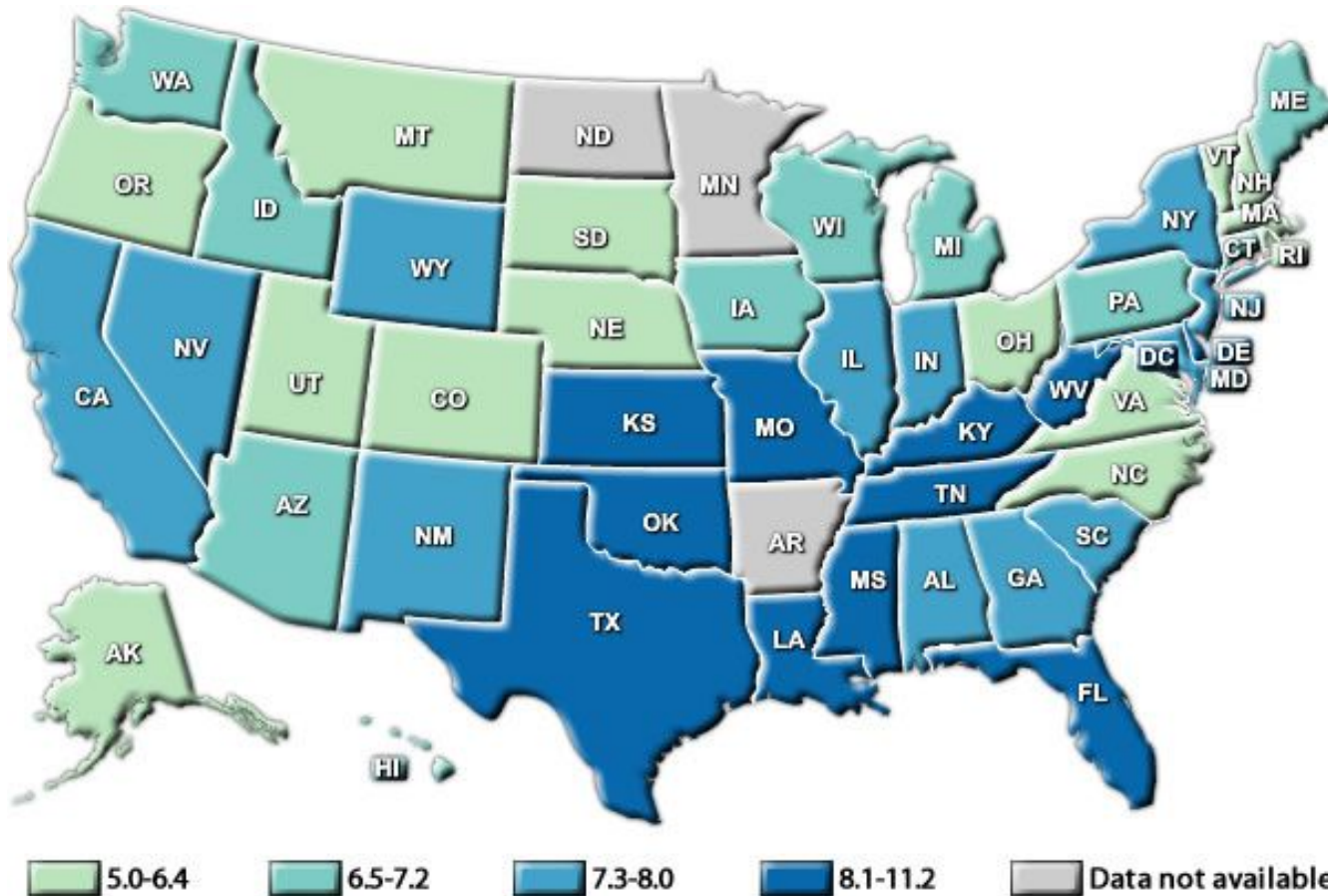


Most Prevalent Cancers
Men – Prostate cancer
Women – Breast cancer
Children – Leukemia

Disproportionate Cancers

Liver – 67% greater risk
Cervical – 29% greater risk
Gastric – 8% greater risk

Cervical Cancer Rates in the U.S.



- Most due to human papilloma virus (HPV)
- More than two-thirds are due to HPV strains prevented with vaccination
- If cancer develops, most can be detected early and cured with screening
- Could we simply take what we know and dramatically reduce cervical cancer in South Texas?

South Texas Cervical Cancer Initiative



LIVESTRONG

FOUNDATION



Dr. Amelie G. Ramirez
Director,
Institute for Health Promotion Research
Chair ad Interim,
Department of Epidemiology and
Biostatistics



Harold C. Simmons Comprehensive Cancer Center **U. T. Southwestern Medical Center**

James K. V. Willson, M.D., Director

U. T. System Board of Regents' Meeting
Health Affairs Committee
May 2015

Harold C. Simmons Comprehensive Cancer Center U. T. Southwestern Medical Center



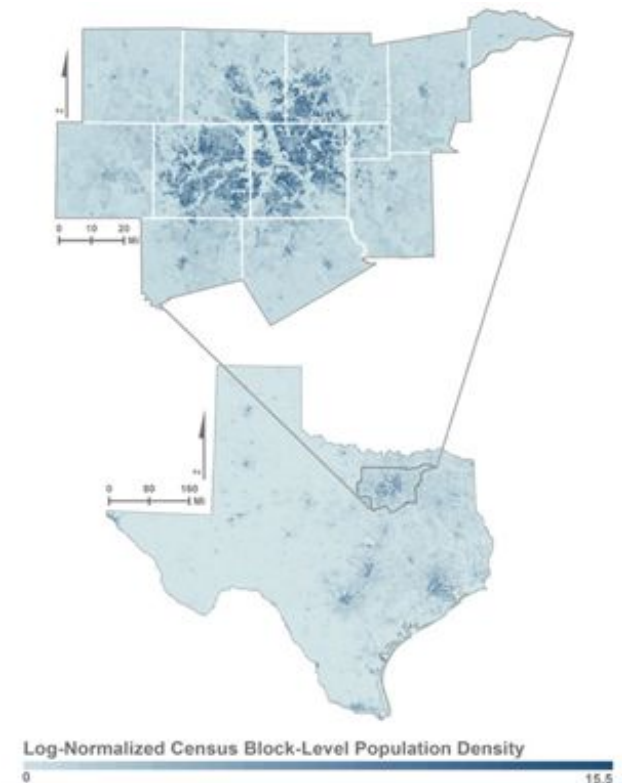
“To become one of the nation’s premier cancer centers we will extend the outstanding discovery capabilities at UT Southwestern to human cancers and develop innovative programs for cancer treatment and cancer prevention and we will inspire and train the next generation of cancer scientists and clinicians.” (Simmons Cancer Center Strategic Plan, 2005; 2011)

Simmons Cancer Center Catchment

Dallas/Fort Worth TX, Metroplex

6.9 million people

- Urban core surrounded by large rural population
 - 47% Non-Hispanic White
 - 29% Hispanic
 - 15% Non-Hispanic Black
 - 25-33% uninsured
- Late stage diagnoses exceed national rates
 - Breast
 - Colon
 - Lung
- Cancer mortality exceeds national rates
 - Cervical
 - Hepatocellular
 - Kidney



U. T. Southwestern Medical Center and Affiliates

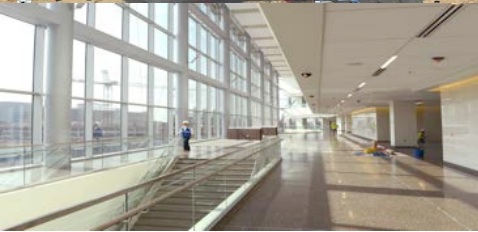


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Meeting of the U. T. System Board of Regents - Health Affairs Committee

Clinical Facilities

268



William P. Clements, Jr.,
University Hospital,
64 Bed Cancer Center Floor



Parkland Hospital,
Opens 2015



Children's Medical
Center, Gil Center
Pediatric Cancer Care



Harold C. Simmons Cancer
Center, Ft. Worth at
Moncrief Cancer Institute

Meeting of the U. T. System Board of Regents - Health Affairs Committee

Cancer Prevention Research Institute of Texas

U. T. Southwestern awarded \$248 million¹

- \$232 million research
- \$11 million prevention services
- \$4.8 million training
- 26 Cancer Prevention and Research Institute of Texas (CPRIT) recruitment awards
- 8 multi-investigator awards link U. T. National Cancer Institute-designated Cancer Centers

¹ As of February 18, 2015
<http://www.cprit.state.tx.us/funded-grants/>

Simmons Cancer Center Impact

- **Research and training**

- 161 faculty from 30 departments
- \$121 million annual research funding
- 59 Ph.D. cancer biology trainees

- **Patient care**

- 5,944 new cancer patients in 2014
- 1,221 cancer patients on clinical trials in 2014
- 33% of trial accruals are from traditionally under-represented populations

- **Early detection and prevention among underserved**

- Colon Cancer – optimizing screening following a cohort of 51,000
- Cervical Cancer – optimizing screening following a cohort of 78,000
- Hepatocellular Cancer – optimizing early detection for the fastest rising cancer among Texans

Simmons Cancer Center Rural Network

Bilingual cancer survivor services for rural North Texas counties



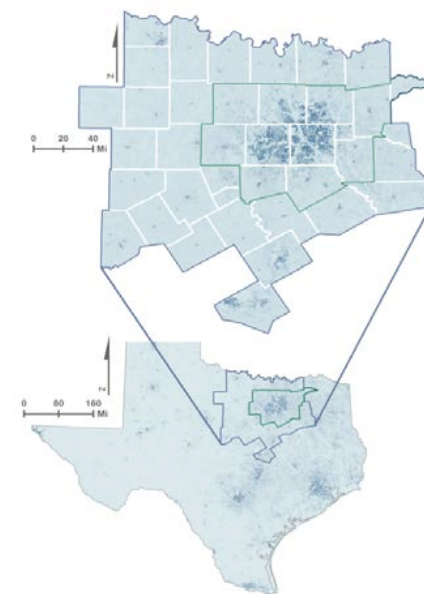
UTSW Moncrief Cancer Institute

- Early detection services
- Genetic risk evaluation and navigation
- Funding: William A. and Elizabeth B. Moncrief Foundation, CPRIT, Centers for Disease Control and Prevention, Texas Healthcare Transformation and Quality Improvement



Mobile Cancer Survivors Clinic

- 3D mammography
- Private exam and counseling rooms
- Telemedicine links to U. T. Southwestern





THE UNIVERSITY OF TEXAS
MD Anderson
Cancer Center

Making Cancer History®

U. T. M. D. Anderson Cancer Center: Activities and Accomplishments

Thomas A. Buchholz, M.D.
Executive Vice President
and Physician-in-Chief

U. T. System Board of Regents' Meeting
Health Affairs Committee
May 2015

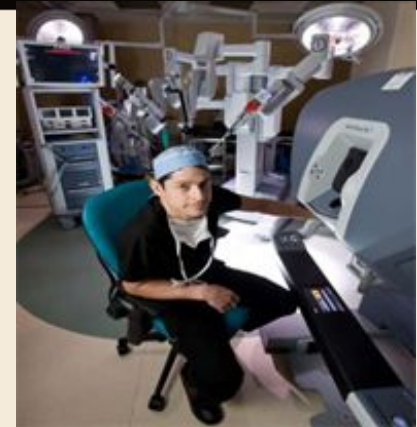
Among the First



- In 1971, U. T. M. D. Anderson Cancer Center became one of the first National Cancer Institute-designated comprehensive cancer centers
- Strength lies in its ability to rapidly translate scientific knowledge into improved cancer therapies and prevention strategies

Focus on the Patient

- **U. T. M. D. Anderson Cancer Center**
 - 21,000 employees, including nearly 1,000 physicians and 3,000 nurses
 - More than 1,000 volunteers
 - 1,700 faculty across 66 departments
- **Total patients served**
 - 127,000 (Houston)
 - 114,000 (Network)

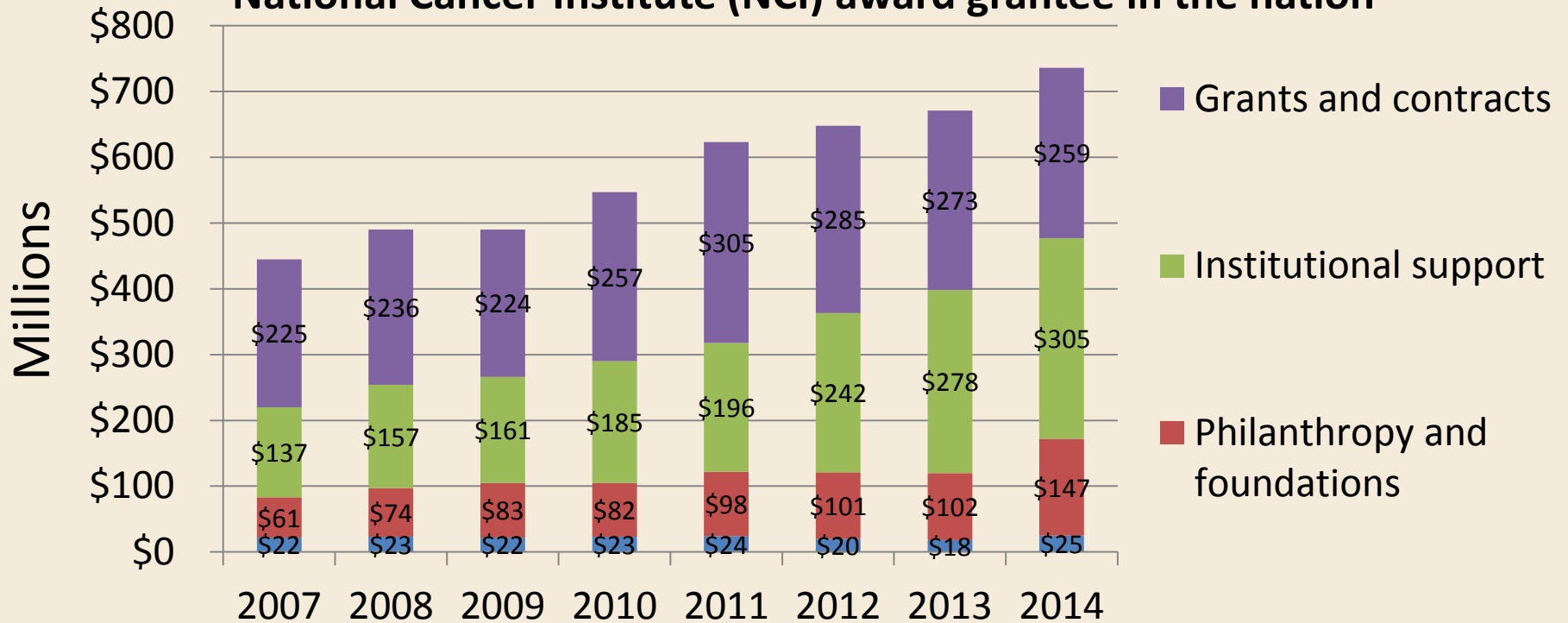


Our size and volume:

- Enables multidisciplinary care
- Builds experience in common and rare cancers
- Provides unique options for our patients: technology and trials

Research Excellence

U. T. M. D. Anderson Cancer Center is the top National Cancer Institute (NCI) award grantee in the nation



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THE UNIVERSITY OF TEXAS
MD Anderson
Cancer Center

Making Cancer History®

Unprecedented Opportunity in Cancer Medicine

- Deep knowledge of biology
- Disruptive technologies
- Critical mass and global reach

Cancer Moon Shots Program



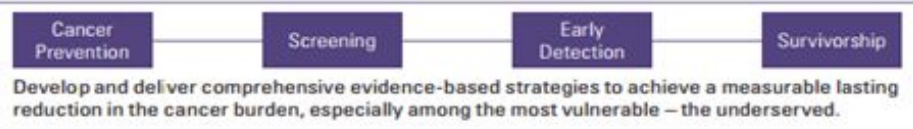
The selected cancers:

- Triple Negative Breast Cancer
- High-Grade Serous Ovarian Cancer
- Leukemia (AML/MDS)
- Leukemia (CLL)
- Lung
- Melanoma
- Prostate

- Other programs in development: glioblastoma, pancreatic ductal adenocarcinoma, colorectal cancer, lymphoma, myeloma, Human Papillomavirus-associated cancers
- Flagship projects underway designed to impact cancer mortality
- Projects span prevention, early detection, and treatment areas
- Platforms enable execution through expert professionals
- Collaborations expanding and funding growing: \$218 million

Cancer Prevention and Control Platform

PLATFORM MISSION



PLATFORM GOALS

- Implement interventions and policies into practice settings
- Impact measurable health outcomes in Texas and beyond

CONTROL ACTIVITIES COMPLEMENT RESEARCH



EVIDENCE-BASED INTERVENTIONS



DEDICATED EXPERTISE

- Policy Analysts
- Curriculum Developers
- Health Communicators
- mHealth Professionals
- Graphic Designers
- Web Content Developers
- Nurse Scientists
- Community-based navigators

COMMUNITY INVOLVEMENT

- Board of Visitors
- Harris County Healthcare Alliance
- Cancer Alliance of Texas
- Greater Houston Corporations
- Many Others

POPULATION-LEVEL FOCUS



- Community-based efforts to educate and achieve a measurable reduction in the cancer burden
- Interventions in public policy, public education, professional education, and evidence-based service delivery can make a measurable and lasting difference in the community, especially among those most vulnerable

Melanoma Moon Shot

Tanning bed legislation

- Collaboration between Melanoma Moon Shot and Cancer Prevention and Control Platform
- 85% increase in risk of melanoma in those using indoor tanning before age 18
- U. T. M. D. Anderson Cancer Center joined advocacy organizations from across the state to educate legislators about the dangers of tanning beds, and, on September 1, 2013, a new Texas law took effect prohibiting anyone under the age of 18 from using them
- U. T. M. D. Anderson Cancer Center reached out directly to assist efforts in several other states

Immunotherapy Platform

- Groundbreaking effort led by Dr. James Allison, Chair, Department of Immunology, U. T. M. D. Anderson Cancer Center; 2013 Breakthrough of the Year
- Blends world-class expertise, leading technology and advanced procedures to improve research and patient care
- Allows researchers to take the newest immune system-modifying drugs and test them in preclinical and clinical settings, applying exceptionally strong and deep analyses of the mechanisms involved
- Clinical trials underway for melanoma, lung cancer, breast cancer, and prostate cancer, among others

Ovarian Cancer Moon Shot

Researchers developed algorithm for personalized surgery in ovarian cancer

- New treatment protocol developed, thanks to researchers questioning the status quo
- Employs less-invasive laparoscopy for two oncologists to independently assess and objectively score the extent of disease
- Patients either proceed to surgery or have chemotherapy to reduce tumor size and burden before going to surgery
- Remarkably, this change has resulted in complete removal in nearly 90 percent of cases, compared to 20 percent using older approaches
- Efforts are now focused on disseminating this breakthrough

6. **U. T. System: Approval of \$5 million from Available University Funds and other sources to support Phase 1B of the U. T. Systemwide Diabetes Obesity Control initiative and delegation of authority to contract with selected entities to conduct essential feasibility studies**

RECOMMENDATION

The Chancellor concurs with the Executive Vice Chancellor for Health Affairs and the Vice Chancellor for Research and Innovation that the U. T. System Board of Regents approve \$5 million from Available University Funds (AUF) and other sources to support Phase 1B of the U. T. Systemwide Diabetes Obesity Control initiative (Project DOC) and delegation of authority to the Executive Vice Chancellor for Health Affairs and the Vice Chancellor and General Counsel to contract with selected entities to conduct essential feasibility studies. Funds would be used to conduct these studies and provide support within the U. T. System Office of Health Affairs and through expansion of existing contracts with outside entities.

BACKGROUND INFORMATION

Dr. Lynda Chin introduced a proposal at the August 20, 2014 Board of Regents' meeting to improve care of patients with diabetes through improved data collection, management, analysis, and application.

On November 6, 2014, the Board of Regents approved \$5 million from the Available University Fund to support Phase 1 of Project DOC and delegated authority for the Office of Health Affairs and the Office of General Counsel to contract with selected entities to create a Technology Core (Phase 1A). Those funds provided operational project support within the U. T. System Office of Health Affairs and funded the contract for hire of an external multifunction consultant team to implement this initiative.

Pricewaterhouse Coopers, LLC, International Business Machines Corporation, and AT&T Corporation were selected as the multifunction consultant team to implement this initiative after a thorough Request for Proposal process.

At the February 11, 2015 Board of Regents' meeting, Executive Vice Chancellor Greenberg reported on the progress of Project DOC.

Project DOC intends to leverage social, mobile, and cloud technologies, as well as big data and cognitive analytics, to augment and accelerate effective management and care for diabetes in Texas and initially in the Rio Grande Valley (RGV) communities. Through a Technology Core made up of industry leaders with cutting-edge capabilities and assets, Project DOC will develop and implement a suite of provider-enabling and patient-empowering technology solutions. These capabilities fall into three main anchor platforms: (1) cognitive analytics and expert system, (2) personal connected mobile health solution, and (3) cloud-based information interchange.

In addition, as the fourth component of the Technology Core, a diversified and experienced System Integration Team will incorporate these solutions into local health care delivery systems to create a disease management framework for providing patient-centric and value-based diabetes care.

Phase 1B will involve several discrete projects to establish the capability for undertaking Project DOC. One project will involve the integration of data from at least two different clinical record sources. A second project will evaluate the ability to create a summary of relevant information extracted from electronic medical records. A third project will relate to establishing core training data for creating a diabetes management system. Other activities will include securing the participation of key stakeholders in South Texas and exploring the interest and participation of employers, health care payers, and retail businesses.

This action item is to seek approval for a budget capped at \$5 million for Phase 1B of Project DOC and to seek delegation of authority for the Executive Vice Chancellor for Health Affairs and the Vice Chancellor and General Counsel to contract with selected entities to conduct feasibility studies. The budget will support existing contracts with Technology Core members with additions to support the Phase 1B activities, as well as operating funds to direct and manage this project by the newly formed Institute for Health Transformation under the direction of the Office of Health Affairs.

SUBSTITUTE AGENDA ITEM
HEALTH AFFAIRS COMMITTEE
MAY 13-14, 2015

2. U. T. System: Discussion and appropriate action regarding tuition and fee proposals for U. T. Southwestern Medical Center, U. T. Medical Branch - Galveston, U. T. Health Science Center - Houston, U. T. Health Science Center - San Antonio, and U. T. M. D. Anderson Cancer Center for Fiscal Year 2016

RECOMMENDATION

The U. T. System Board of Regents will be asked to take appropriate action regarding the proposed tuition and fee plans for U. T. Southwestern Medical Center, U. T. Medical Branch - Galveston, U. T. Health Science Center - Houston, U. T. Health Science Center - San Antonio, and U. T. M. D. Anderson Cancer Center for Fiscal Year 2016.

Executive Vice Chancellor Greenberg will outline the institutions' proposals and recommendations as set forth on the following pages, and the following institutional officials will be available to address any questions regarding the proposals for the respective health institutions.

- U. T. Southwestern Medical Center, President Podolsky, [Page 407](#)
- U. T. Medical Branch - Galveston, Executive Vice President and Provost and Dean of the School of Medicine Danny Jacobs (in the absence of President Callender), [Pages 408 - 410](#)
- U. T. Health Science Center - Houston, President Colasurdo, [Page 411](#)
- U. T. Health Science Center - San Antonio, President Henrich, [Page 412](#)
- U. T. M. D. Anderson Cancer Center, Senior Vice President for Academic Affairs Oliver Bogler (in the absence of President DePinho), [Page 413](#)

BACKGROUND INFORMATION

U. T. Health Science Center - Tyler is not seeking approval of a tuition and fee proposal for Fiscal Year 2016 at this time.

Summary of Proposed Tuition and Fee Plan: U. T. SOUTHWESTERN MEDICAL CENTER

Estimate of Proposed Tuition and Fee Increases

	Fall 2014 Total	Prop Fall 2015	Over Fall 2014
Medical	\$18,593	\$19,343	4.03%
Biomedical Sciences 24 semester credit hours (SCH)	\$7,443	\$7,743	4.03%
Health Professions 24 SCH	\$7,443	\$7,743	4.03%

- Estimate reflects tuition and mandatory fees.
- An increase in the Differential Tuition Rate, from \$50 to \$75 per credit hour, is proposed for Physician Assistant and Physical Therapy Programs in Fall 2015.
- A reduction is proposed for the Physician Assistant student's malpractice fee from the current rate of \$61.00 per year to \$14.50 per year.

Projected New Revenue

	Increase in Revenue for 2015-16
Medical	\$703,500
Biomedical Sciences and Health Professions	\$340,800

The additional revenue will be used entirely to fund expenses to further develop the Center for Innovation in Education:

- Campus-wide faculty development and creation of new educational materials;
- Implementation of high fidelity simulation and digital technologies; and
- Improve on-line connectedness across campuses.

Summary of Proposed Tuition and Fee Plan: U. T. MEDICAL BRANCH - GALVESTON
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Estimate of Proposed Tuition and Fee Increases
(Estimate reflects tuition, mandatory fees, and average course fees.)

	Fall 2014 Total	Prop. Fall 2015	Over Fall 2014
School of Medicine	\$17,000	\$17,408	2.3%
Graduate School of Biomedical Sciences* (9 semester credit hours)	\$2,636	\$2,690	2.1%
Graduate School of Biomedical Sciences** (9 semester credit hours)	\$2,491	\$2,536	1.8%
School of Nursing - Undergraduate (15 semester credit hours)	\$4,097	\$4,150	1.3%
School of Nursing - Graduate (9 semester credit hours)	\$4,008	\$4,008	0.0%
School of Health Professions - Undergraduate (15 semester credit hours)	\$3,136	\$3,219	2.6%
School of Health Professions - Graduate*** (9 semester credit hours)	\$2,614	\$2,677	2.4%
School of Health Professions - Graduate**** (9 semester credit hours)	\$3,277	\$3,341	1.9%

* Applies to Graduate Programs in Public Health

** Applies to all Graduate Programs in Biomedical Sciences

*** Applies to MS in Clinical Lab Science, Nutrition, and Occupational Therapy

**** Applies to Master of Physician Assistant and Doctor of Physical Therapy

Projected Annual Tuition Revenue

	Increase in Revenue for 2015-16
School of Medicine	\$318,000
Graduate School of Biomedical Sciences	\$42,280
School of Nursing	\$64,766
School of Health Professions	\$191,447

Summary of Proposed Tuition and Fee Plan: U. T. MEDICAL BRANCH - GALVESTON

Expected Use for Additional Revenue

A portion of the School of Medicine increase is statutorily reserved for financial aid, with the remainder available for general academic programs, which will be used to pay for nationally-developed, standardized exams from the National Board of Medical Examiners (NBME) for Years 1 and 2. The remainder of the additional funding will be used to assist in hiring two new educational support staff.

The additional funds in the Graduate School of Biomedical Sciences would be used to support bridging of enrolled students, student development activities, and student academic conferences. These activities are currently supported by investigator funds and GSBS funds, but limit the scope and frequency of these important activities.

The additional funds in GSBS would be used to support bridging of enrolled students, student development activities, and student academic conferences. Because of the challenging extramural funding environment and UTMB budget constraints, respectively, these activities have been significantly limited. Bridging funds provides short term stipend support for trainees when an investigator is waiting for the arrival of new grant funding. Development activities involve speakers/activities that can help with career building and job seeking skills that would launch trainees in the professional/commercial world. Travel funds allow students to network with scientists from around the country and the world, which also builds the reputation of and adds prestige to UTMB. A portion of the GSBS budget, philanthropy, and outside grants support some of these activities, but not at the level that would be needed to effectively support our trainees. The proposed increase in tuition would greatly help in providing these increasingly important activities.

The requested increase for the School of Nursing will be used to increase the number of full-time faculty and retain current full-time faculty to educate the increased numbers of students enrolling in nursing programs. Additionally, the increased funding would support part-time and pay-by-letter (PBL) clinical faculty and resources for reaching in the classroom, online, and simulation.

Additional revenue for the School of Health Professions will support additional faculty to supervise clinical settings, maintain distance education programs and instructional software, and recoup course costs.

Summary of Proposed Tuition and Fee Plan: U. T. MEDICAL BRANCH - GALVESTON

Compulsory Fees

UTMB is proposing an increase to two fees that support the University Academic Resources and Library. The first, Student Computing and Teaching Equipment Fee, will help to cover increased costs for annual maintenance and support costs of 560 personal computer student workstations and computer-related teaching equipment in 48 classrooms around campus. The second, Library Acquisition Fee, is intended to cover some of these increased costs of acquisitions, which rose 9.2% in FY14. The proposed increases, listed below, were reviewed and approved last year by the students present at an open hearing on compulsory fees.

Compulsory Fee Name	Current Fee	Proposed Fee
Student Computing & Teaching Equipment Fee	\$181.50 for SOM students \$60.50 all other students per academic year	\$220 for SOM students \$73.50 all other students per academic year
Library Acquisition Fee	\$275 per student per academic year	\$325 per student per academic year

Incidental Fees

UTMB is proposing changes to the following incidental fees and the addition of two new incidental fees. The existing fees have not been increased in quite some time and no longer cover the costs associated with providing these services. The two new incidental fees being requested are the New Student Orientation and Welcome Weekend Fee and a Credit Card Processing Fee. The New Student Orientation and Welcome Weekend Fee is being added as a one-time fee to new students to cover the costs associated with the nearly weeklong orientation program that is sponsored by the University and its four schools. The Credit Card Processing Fee is a new fee and will cover the costs associated with the service charge incurred by UTMB when accepted tuition and fee payments are from students.

Incidental Fee Name	Current Fee	Proposed Fee
Registration Processing Fee	\$15.00 per semester	\$25.00 per semester
Tuition Installment Plan Fee	\$15.00 per semester	\$25.00 per semester
Late Tuition Payment Fee	\$10.00 per occurrence	\$25.00 per occurrence
Returned Check Fee	\$25.00 per occurrence	\$25.00 per occurrence
New Student Orientation and Welcome Weekend Fee	New Fee	\$125 (one-time fee for new students)
Credit Card Processing Fee	New Fee	3%

Summary of Proposed Tuition and Fee Plan: U. T. HEALTH SCIENCE CENTER – HOUSTON

Estimate of Proposed Resident Tuition and Fee Increases

	Fall 2014 Total	Prop Fall 2015	Over Fall 2014
Medical	\$16,325	\$17,457	6.9%
Nursing Undergraduate* 15 semester credit hours (SCH)	\$3,589	\$3,685	2.6%
Nursing Graduate* 9 SCH	\$2,437	\$2,551	4.7%
Public Health	\$5,646	\$5,897	4.5%

*Figures do not reflect course fees.

Projected New Revenue

	Increase in Revenue for 2015-16
Medical	\$1,364,160
Nursing	\$223,126
Public Health	\$312,194

Additional revenue for the Medical School will allow for the development, implementation, and maintenance of a revised curriculum.

Additional revenue for the Nursing School will be used for faculty recruitment and retention, scholarships, and educational expansions for on-line testing and courses.

Additional revenue for Public Health will be used for scholarships, faculty retention, expanded course offerings, technology improvements, and rebates for graduating on time.

SCHOOL OF BIOMEDICAL INFORMATICS (No Proposed Tuition or Fee Increases for Fall 2015)

SCHOOL OF DENTISTRY (Fall 2015 Tuition and Fees approved by the Board of Regents on May 14, 2014, as proposed.)

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES (Fall 2015 Tuition and Fees approved by the Board of Regents on May 14, 2014, as proposed.)

Summary of Proposed Tuition and Fee Plan: U. T. HEALTH SCIENCE CENTER – SAN ANTONIO

Estimate of Proposed Resident Tuition and Fees Increases

	Fall 2014 Total	Prop Fall 2015	Over 2014
Nursing Undergraduate* 15 semester credit hours (SCH)	\$3,935	\$4,023	2.2%
Nursing Graduate* 9 semester credit hours (SCH)	\$3,443	\$3,516	2.1%
School of Health Professions BS Clinical Laboratory Sciences* 31 semester credit hours (SCH)	\$7,653	\$8,353	9.1%
School of Health Professions BS Respiratory Care* 32 semester credit hours (SCH)	\$7,819	\$8,561	9.5%
School of Health Professions MS Occupational Therapy* 43 semester credit hours (SCH)	\$11,396	\$12,508	9.8%
School of Health Professions D Physical Therapy* 37 semester credit hours (SCH)	\$10,248	\$11,257	9.8%
School of Health Professions MS Physician Assistant Studies 62 semester credit hours (SCH)*	\$17,029	\$18,715	9.9%
School of Health Professions Emergency Health Sciences* 42 semester credit hours (SCH)	\$7,472	\$8,001	7.1%

*Figures include average Course Fees and Mandatory Student Fees

Projected New Revenue

	Increase in Revenue for 2015-16
Nursing	\$78,905
School of Health Professions	\$486,291

Additional revenue for the Nursing School will be used to address the costs of attracting and retaining qualified faculty.

Additional revenue for the School of Health Professions will be used to address three of the school's most critical needs: 1) increases in faculty compensation, 2) investments in new faculty to expand programs, and 3) investments in teaching laboratories and technology.

SCHOOL OF MEDICINE (No Proposed Tuition or Fee Increases for Fall 2015)

SCHOOL OF DENTISTRY (Fall 2015 Tuition and Fees approved by the Board of Regents on May 14, 2014, as proposed)

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES (No Proposed Tuition or Fee Increases for Fall 2015)

Summary of Proposed Tuition and Fee Plan: U. T. M. D. ANDERSON CANCER CENTER

Estimate of Proposed Tuition and Fee Increases

	Fall 2014 Total	Prop. Fall 2015	Over Fall 2014
Health Professions 15 semester credit hours	\$1,599	\$1,676	4.8%

Estimate reflects tuition, mandatory fees, laboratory fees, and average course fees.

Projected New Revenue

	Increase in Revenue for 2015-16
Health Professions	\$23,100

How will the additional revenue be used?

The proposed increases in designated tuition and fees for the School of Health Professions (SHP) reflect the need for resources to drive innovation in education in the SHP while maintaining high-touch, small group, hands-on teaching of the health professions. Current innovation investments are focused in part on simulation technology in the M. D. Anderson simulation lab that allows students to learn in environments that closely resemble the clinical environment, but offer a risk-free opportunity for skill development.

Another area of innovation is the recently introduced Master of Science degree program in Molecular Diagnostic Genetics. It answers the national demand for health care professionals with a background in diagnostic genetics, which is a field that is expected to increase for the next several decades as the genomics revolution completes the arc to full clinical impact.

Finally, added revenue would provide the support, vital at this time, for the SHP to maintain and grow quality programs as the subsidies from M. D. Anderson's clinical margin come under increasing pressure. This measure is important to ensuring the ongoing competitive edge of the SHP with other Texas professional schools, and its ability to train a critical segment of the health care workforce.

Student Approval of Fee Increase

On April 2, 2014, the Dean met with the SHP Student Congress to discuss the proposed increase in designated tuition and fees. This group of students is the student governing body for the SHP and includes elected representatives from all programs. The discussion was informative with students asking several appropriate questions. Following the discussion, the students voted unanimously to support the proposed increases. The details of the proposal will be distributed to the entire student body, and the Dean will accept feedback on comments or concerns.