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FOR  
HEALTH AFFAIRS COMMITTEE**

**Committee Meeting:** 8/21/2013

**Board Meeting:** 8/22/2013  
Austin, Texas

*Robert L. Stillwell, Chairman  
Ernest Aliseda  
Paul L. Foster  
Wallace L. Hall, Jr.  
Jeffery D. Hildebrand*

	<b>Committee Meeting</b>	<b>Board Meeting</b>	<b>Page</b>
<b>Convene</b>	11:30 a.m. <i>Chairman Stillwell</i>		
1. <b>U. T. System Board of Regents: Discussion and appropriate action regarding Consent Agenda items, if any, referred for Committee consideration</b>	11:30 a.m. <b>Action</b>	<b>Action</b>	<b>169</b>
2. <b>U. T. Medical Branch - Galveston: Report on the status of health professions education in Texas</b>	11:31 a.m. <b>Report/Discussion</b> <i>Dr. Elizabeth Protas, U. T. Medical Branch - Galveston</i>	Not on Agenda	<b>170</b>
3. <b>U. T. System: Approval to distribute a portion of The University of Texas System Professional Medical Liability Benefit Plan premium returns and approve rates for the Plan</b>	11:56 a.m. <b>Action</b> <i>Dr. Shine Mr. Sharphorn</i>	<b>Action</b>	<b>184</b>
4. <b>U. T. System: Discussion on the impact of federal sequestration on U. T. System health institutions</b>	12:01 p.m. <b>Discussion</b> <i>Dr. Shine Health Presidents</i>	Not on Agenda	<b>187</b>
5. <b>U. T. System: Quarterly report on health matters of interest to the U. T. System, including application of systems engineering to health</b>	12:26 p.m. <b>Report/Discussion</b> <i>Dr. Shine</i>	Not on Agenda	<b>188</b>
<b>Adjourn</b>	12:30 p.m.		

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

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

2. **U. T. Medical Branch - Galveston: Report on the status of health professions education in Texas**

REPORT

Elizabeth J. Protas, P.T., Ph.D., FACSM, FAPTA, Vice President and Dean of the School of Health Professions at U. T. Medical Branch - Galveston, will report on the status of health professions education in Texas. Dr. Protas' presentation is set forth on the following pages.

# Status of Health Professions Education in Texas

Elizabeth J. Protas, P.T., Ph.D., FACSM, FAPTA  
Vice President and Dean, School of Health Professions  
U. T. Medical Branch - Galveston

U. T. System Board of Regents' Meeting  
Health Affairs Committee  
August 2013



# What are the Health Professions?

Over **80** distinct disciplines that provide direct care or essential services to patients and other care providers and constitute 60% of the health workforce.

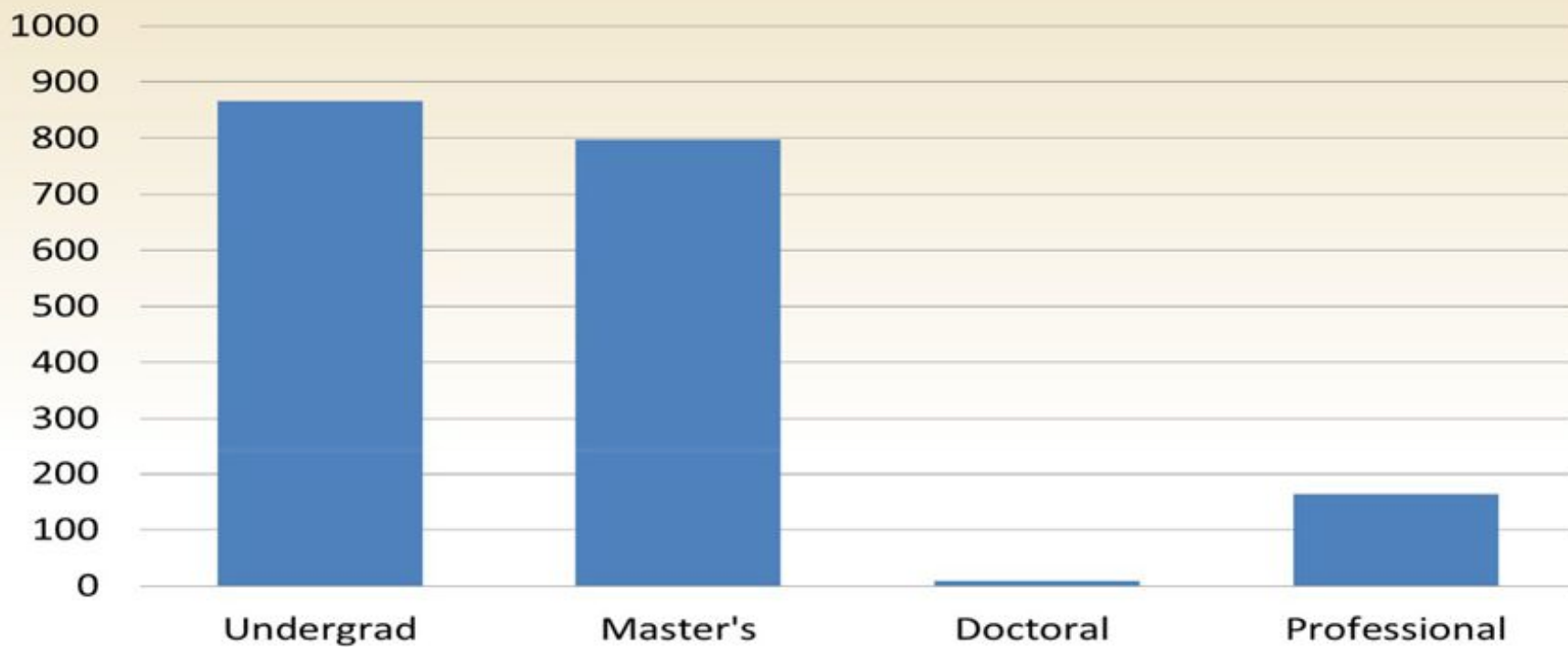


# U. T. System Health Professions Disciplines

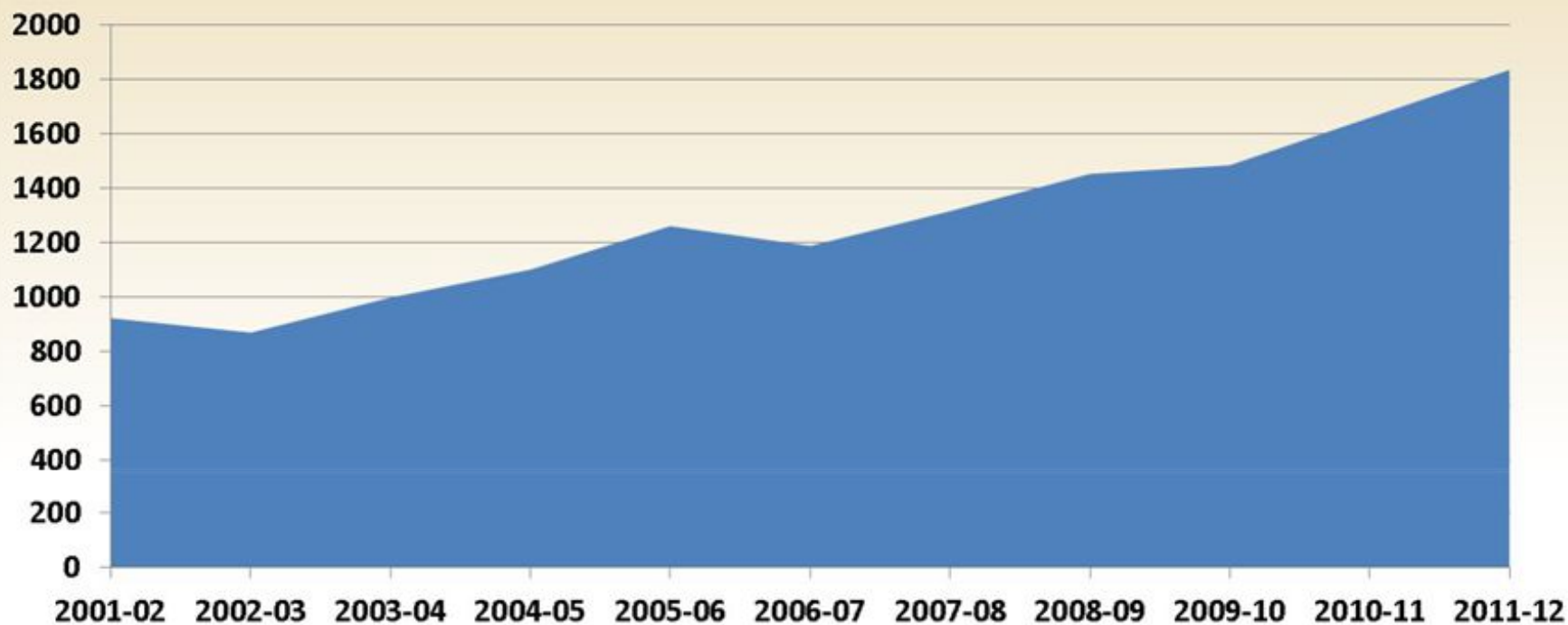
- Clinical Laboratory Sciences
- Respiratory Care
- Radiation Therapy
- Prosthetics and Orthotics
- Medical Sonography
- Emergency Health
- Social Work and Public Health
- Physician Assistant Studies
- Physical Therapy
- Occupational Therapy
- Speech and Language Pathology
- Nutrition and Dietetics
- Rehabilitation Counseling



# U. T. System Health Professions Graduates by Degree Level 2011-2012



# U. T. System Health Professions Graduates

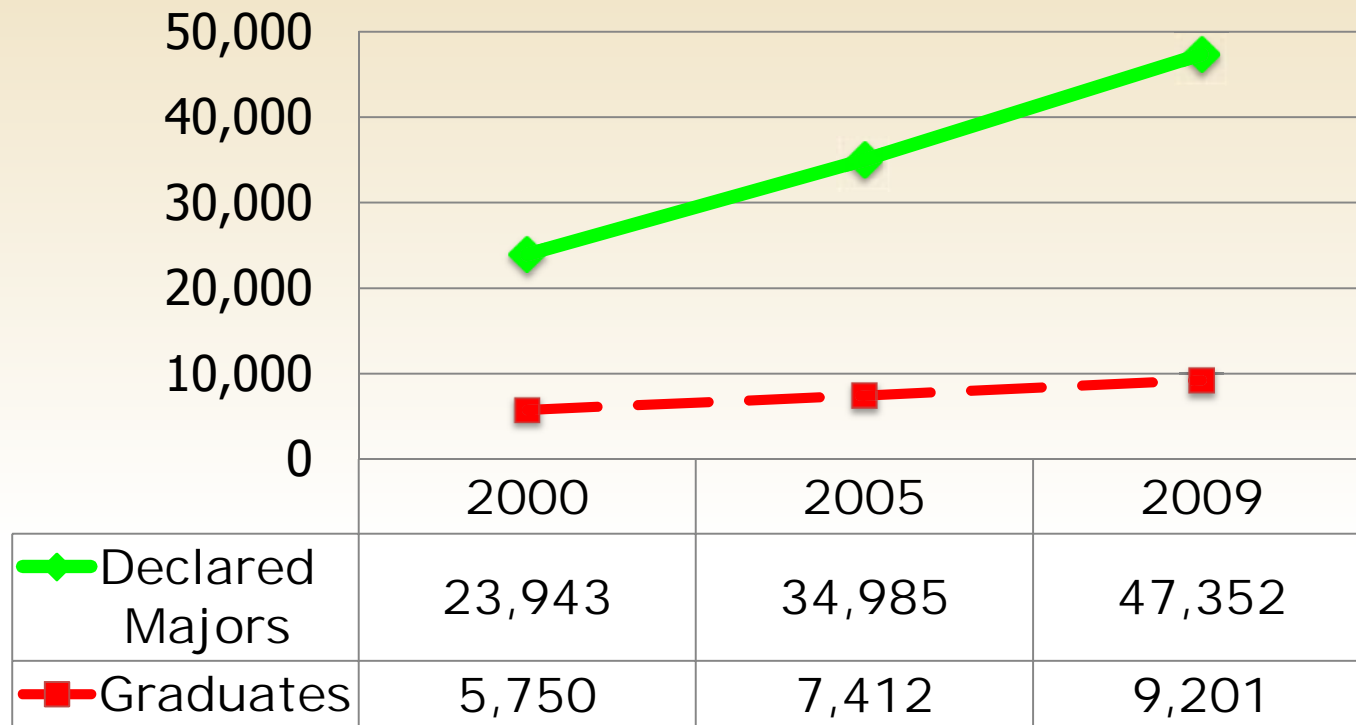


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Meeting of the U. T. System Board of Regents - Health Affairs Committee



# 2000-2009 Health Professions Declared Majors and Graduates



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# Health Professions vs. Texas Projected College-Age Population (18-35)

	Health Professions	<u>College-Age Population</u>		
	<u>FY12</u>	<u>2000</u>	<u>2015</u>	<u>2020</u>
White	51%	46%	35%	32%
African American	10%	12%	11%	11%
Hispanic	28%	38%	49%	52%
Other	11%	4%	5%	5%

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# Growth of Health Professions Workforce in Texas 2008-2018

Profession	% Growth
Physical Therapist	36%
Respiratory Therapist	52%
Physician Assistant	42%
Speech Language Pathologist	31%
Occupational Therapist	36%
Clinical Laboratory Scientist	19%
EMT/Paramedic	26%
Physician	24%
Registered Nurse	32%
Pharmacist	23%
Dentist	17%

Texas Workforce Commission, Data Link, Future Job Growth by Occupation 2008-2018.

# Health Professions Education ~ Innovation

Distance education  
Inter-professional  
education



Simulation



Multiple degree programs  
Dual enrollment



Virtual Reality

Technology



# Health Professions Education ~ Issues

Increased demand for some programs

- Instructional space limitations
- Limited facility/clinical sites
- Funding for high-cost programs - faculty, equipment, and technology

Accreditation

Changing educational expectations

- Graduates need to “hit the ground running”
- Increase in educational requirements
- Professional doctoral programs



# Health Professions Education ~ Future Challenges and Opportunities

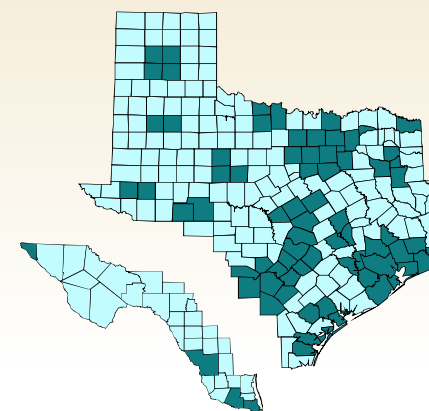
Faculty  
Faculty  
Faculty



# Health Professions Education

## ~ Future Challenges and Opportunities (cont.)

- Practicing at the top of your license
- Access to primary and specialty care
- Chronic care in an aging population
- Geographic disparities
- Patient safety/quality assessment



# Health Professions Education

## ~ Future Challenges and Opportunities (cont.)

### Patient access to care - primary care

- Expanded roles
- Physician assistants (PAs) and advanced practice nurses (APNs) - 25% decrease in need for primary care M.D.s by 2025, resulting from 150,000 more PAs and APNs (Association of American Medical Colleges)
- Defining roles of other health professions (HPs) in primary care
- Alternative care models involve HPs beyond M.D.s



3. **U. T. System: Approval to distribute a portion of The University of Texas System Professional Medical Liability Benefit Plan premium returns and approve rates for the Plan**

**RECOMMENDATION**

The Chancellor concurs in the recommendation of The University of Texas System Professional Medical Liability Benefit Plan (Plan) Management Committee, chaired by the Interim Vice Chancellor and General Counsel and comprised of the Chair, the Executive Vice Chancellor for Health Affairs, and the Executive Vice Chancellor for Business Affairs, after consultation with Milliman, Inc., actuary for the Plan, that

- a. overall premium rates remain unchanged;
- b. \$15 million in premiums be returned to the participating U. T. System institutions based on a methodology that considers each institution's losses; and
- c. \$2 million be distributed for clinical effectiveness, patient safety, and quality of care initiatives.

The proposed distribution of \$17 million is set forth in Exhibit 1 (Page 185).

**BACKGROUND INFORMATION**

With the implementation of tort reform in 2003, the Plan Management Committee has consistently recommended significant reductions in total Plan assets to bring the reserve levels to those generally accepted by the industry. The Committee continues balancing Plan revenue from premiums charged and investment income with adequate capitalization from which to pay Plan claims, reserves for future claims, and administrative expenses. As part of this effort, Plan premiums were significantly reduced for several years immediately following tort reform adoption, and since 2007, the premium rates have either been reduced or unchanged. However, Plan premiums are adjusted annually for institutional loss experience.

For the coming year, the Committee recommends maintaining overall premiums at the current rate with modifications for institutional loss experience. Based on Plan investment income and efficient management of claims, the Committee recommends a return to the contributing institutions of \$15 million so that excessive reserves are not maintained. The combination of unchanged rates along with this distribution should still allow for adequate capitalization of the Plan.

The methodology for distribution of \$15 million to participating institutions considers the proportion of each institution's payment into the Plan as well as each institution's loss experience. Thus, those institutions with higher claims receive lower distributions.

In addition to the \$15 million to be distributed to participating U. T. System institutions, \$2 million is recommended for U. T. System efforts in clinical effectiveness, patient safety, and quality of care. Funds were initially authorized for this purpose in 2008 and again in 2010. With this

funding, a grant competition has funded research, collaboration, and education in the area of patient safety and quality improvement. This funding has also enabled the expansion of clinical effectiveness courses to all U. T. System health institutions to educate health care providers in current methodologies and best practices to improve clinical care. This additional \$2 million in funding will permit the new Executive Vice Chancellor for Health Affairs to consider new initiatives or continue the current efforts in clinical effectiveness, patient safety, and quality of care.

Exhibit 1  
**The University of Texas System Professional Medical Liability Benefit Plan**  
Proposed Distribution of Plan Returns  
 FY 2013

<i><b>Institution</b></i>	<i><b>Premium Paid</b></i>	<i><b>Claims Expenses</b></i>	<i><b>Net Contribution Amount</b></i>	<i><b>Rebate based on Net Contribution</b></i>
	<i><b>2011-2013</b></i>	<i><b>2011-2013</b></i>		
UTSWMC	\$ 6,225,610	\$ 2,383,654	\$ 3,841,956	\$ 3,907,568
UTMB	4,524,330	1,352,244	3,172,086	3,226,258
UTHSCH	3,852,377	2,620,838	1,231,539	1,252,571
Medical Foundation (UTHSCH)	1,812,794	1,233,275	579,519	589,416
UTHSCSA	4,980,224	1,568,848	3,411,376	3,469,634
UTMDACC	3,348,341	1,120,809	2,227,532	2,265,573
UTHSCT	226,260	4,506	221,754	225,541
UT Arlington	4,107	-	4,107	4,177
UT Austin	56,227	3,816	52,411	53,306
UT Dallas	1,394	-	1,394	1,418
UT El Paso	523	-	523	532
UT San Antonio	3,939	-	3,939	4,006
<b>Subtotal</b>	<b>\$ 25,036,126</b>	<b>\$ 10,287,990</b>	<b>\$ 14,748,136</b>	<b>\$ 15,000,000</b>
<b>Clinical Effectiveness, Patient Safety, and Quality Initiatives</b>				<b>\$ 2,000,000</b>
<b>TOTAL PROPOSED DISTRIBUTION</b>				<b>\$ 17,000,000</b>

4. **U. T. System: Discussion on the impact of federal sequestration on U. T. System health institutions**

DISCUSSION

Executive Vice Chancellor Shine and the presidents from the six health institutions will lead a panel discussion on the impact of federal sequestration on U. T. System health institutions.

5. **U. T. System: Quarterly report on health matters of interest to the U. T. System, including application of systems engineering to health**

REPORT

Executive Vice Chancellor Shine will report on health matters of interest to the U. T. System, including application of systems engineering to health.