



TABLE OF CONTENTS FOR HEALTH AFFAIRS COMMITTEE

Committee Meeting: 5/8/2013

Board Meeting: 5/9/2013
Austin, Texas

Robert L. Stillwell, Chairman
James D. Dannenbaum, Vice Chairman
Paul L. Foster
Printice L. Gary
Wallace L. Hall, Jr.

	Committee Meeting	Board Meeting	Page
Convene	1:30 p.m. <i>Chairman Stillwell</i>		
1. U. T. System Board of Regents: Discussion and appropriate action regarding Consent Agenda items, if any, referred for Committee consideration	1:30 p.m. Action	Action	233
2. U. T. M. D. Anderson Cancer Center: Honorific naming of the Cancer Prevention Center for Ms. Lyda Hill	1:31 p.m. Action <i>President DePinho</i> <i>Dr. Safady</i>	Action	234
3. U. T. Health Science Center - Houston: Report on dentistry workforce issues in Texas	1:40 p.m. Report/Discussion <i>Dr. John Valenza,</i> <i>U. T. Health Science</i> <i>Center - Houston</i>	Not on Agenda	235
4. U. T. System: Discussion on Ph.D. career counseling programs at U. T. System health institutions	1:55 p.m. Report/Discussion <i>Health Presidents</i>	Not on Agenda	252
5. U. T. System: Report on the challenges in the regulation of research and on the Virtual Center for Regulation of Science	2:15 p.m. Report/Discussion <i>Dr. Hurn</i>	Not on Agenda	253
6. U. T. Health Science Center - San Antonio: Update on the San Antonio Children's Hospital	2:25 p.m. Report/Discussion <i>President Henrich</i>	Not on Agenda	254
7. U. T. Southwestern Medical Center: Report on the West Campus Plan - Phase 1	2:30 p.m. Report/Discussion <i>President Podolsky</i>	Not on Agenda	255
8. U. T. System: Quarterly report on health matters of interest to the U. T. System, including the role of the U. T. System health institutions under the 1115 Medicaid Waiver Program	2:50 p.m. Report/Discussion <i>Dr. Shine</i>	Not on Agenda	269
Adjourn	3:00 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 at the back of the book.

2. **U. T. M. D. Anderson Cancer Center: Honorific naming of the Cancer Prevention Center for Ms. Lyda Hill**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Health Affairs, the Vice Chancellor for External Relations, and President DePinho that the U. T. System Board of Regents approve the honorific naming of the Cancer Prevention Center for Ms. Lyda Hill to recognize her generous support of U. T. M. D. Anderson Cancer Center.

BACKGROUND INFORMATION

Ms. Lyda Hill made a recent pledge of \$50 million over five years to U. T. M. D. Anderson Cancer Center to support the Moon Shots Program, a comprehensive action plan to rapidly and dramatically reduce mortality and suffering in several major cancers. In recognition of that extraordinary gift, this request is being made to honor her with the naming of the Cancer Prevention Center.

The Cancer Prevention Center is a research center led by M. D. Anderson's Clinical Cancer Prevention Department. Through laboratory and clinical studies, researchers are identifying lifestyle factors, genetic predisposition, and molecular events contributing to the development and prevention of cancer. More than 15,000 patients, including an increasing number of cancer survivors, annually rely on the Center's nationally recognized cancer prevention specialists to help them reduce their chances of developing primary and secondary cancers through personalized recommendations based on age, gender, and cancer risk.

Ms. Hill is a businesswoman, volunteer, philanthropist, and environmentalist. Early in her career, she founded her own travel company and eventually built it into the largest travel agency in Texas. She has managed other family businesses with interests in the oil, gas, and real estate development industries. Ms. Hill has been an active member of the M. D. Anderson Cancer Center Board of Visitors for more than three decades and serves on the Events Committee. Prior to her recent pledge of \$50 million, she has contributed more than \$2.1 million to U. T. M. D. Anderson Cancer Center since 1981.

The proposed naming is consistent with the Regents' *Rules and Regulations*, Rule 80307, relating to the honorific naming of facilities. This request is made in appreciation for the generous support of Ms. Hill and in recognition of her far-reaching impact on cancer research.

3. **U. T. Health Science Center - Houston: Report on dentistry workforce issues in Texas**

REPORT

John Valenza, D.D.S., Professor in the Department of General Practice and Dental Public Health and Dean of the School of Dentistry at U. T. Health Science Center - Houston, will report on dentistry workforce issues in Texas. Dr. Valenza's presentation is set forth on the following pages.

Dental Workforce in Texas

John A. Valenza, D.D.S.

Dean, U. T. Health Science Center - Houston School of Dentistry

U. T. System Board of Regents' Meeting

Health Affairs Committee

May 2013



THE UNIVERSITY of TEXAS SYSTEM
Nine Universities. Six Health Institutions. Unlimited Possibilities.

WWW.UTSYSTEM.EDU

The 100 Best Jobs

Tweet 36k +1 Share

Like

All jobs aren't created equal. In fact, some are simply better than the rest. U.S. News 100 Best Jobs of 2013 are the occupations that offer a mosaic of employment opportunity, good salary, manageable work-life balance, and job security. Some careers offer just the right mix of these components—for instance, our top tier is filled with tech and healthcare jobs—but the list also includes strong showings from occupations in the social services and business sectors. Even construction jobs enter the fray this year. Read more on [how we rank the best jobs](#), and check out our full list.



Dentist

Overall Score: 8.4 | Median Salary \$142,740 | [See Job Openings](#)

Ever heard the phrase "Your face is your fortune"? For dentists, our smile is their fortune. They earn their living diagnosing and treating teeth and gums, performing oral surgery, and counseling and educating us on maintaining proper oral health. The profession should grow 21.1 percent by 2020.

JOBS IN 2020

Who will have a thriving career, and who won't? Find out what will drive America's workforce.

[Jobs in 2020 >](#)

ADVERTISEMENT



Oral Health Facts

- While the overall prevalence of dental caries among children has decreased during the past 50 years, dental decay is the most common chronic childhood disease in the U.S.¹
- Oral disease burden is disproportionately borne by poor children, adults, and the elderly with low incomes and other vulnerable population groups¹
- Demand for dentistry in the U.S. since 1981 has been slowing²

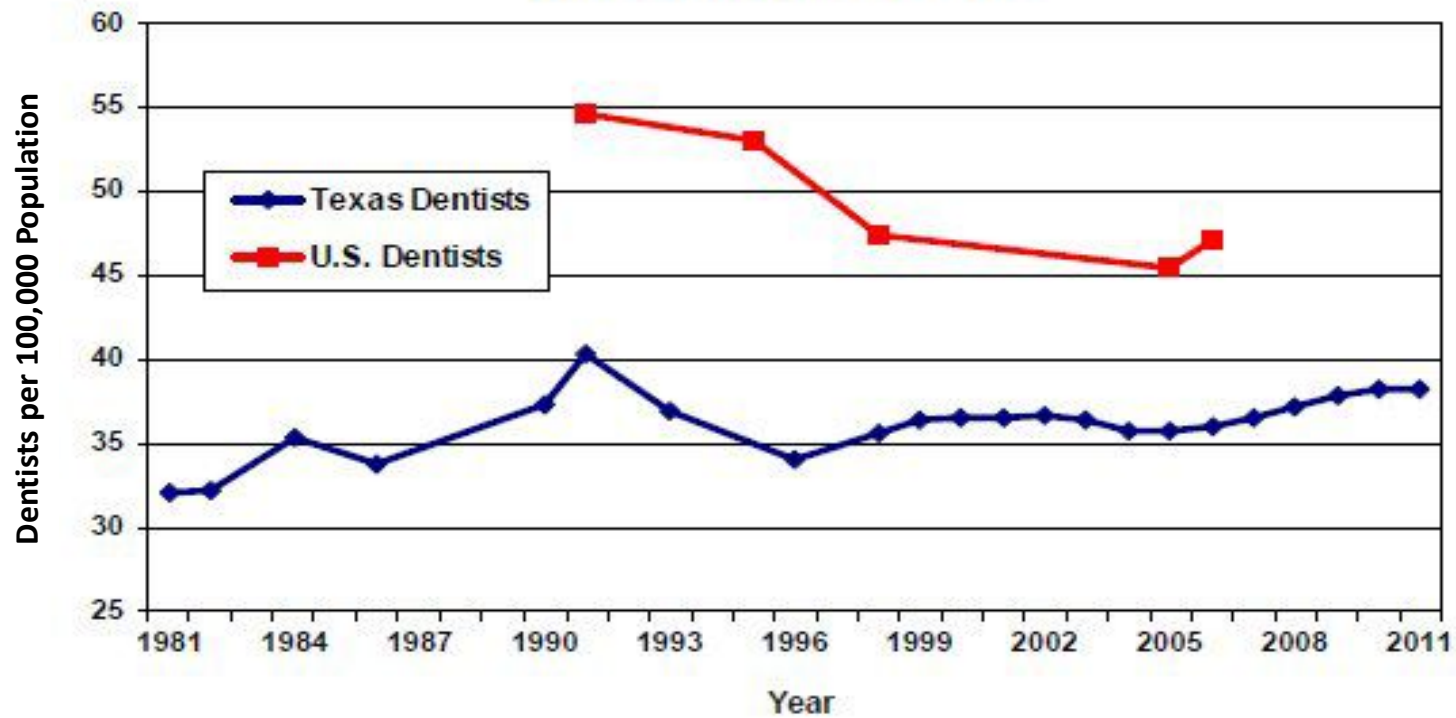
¹Centers for Disease Control and Prevention

<http://www.cdc.gov/oralhealth/publications/library/burdenbook/chapter4.htm>

²Nash K, Brown LJ. The Market for Dental Services. J Dent Educ 76:973-986. 2012



Figure 46. Dentists per 100,000 Population,
U.S. and Texas, 1981-2011



Source: Texas State Board of Dental Examiners; HRSA, Bureau of Health Professions and others
Texas data include all licensed, active, in-state, non-federal dentists; US data may vary



Texas Dental Practice Landscape (2000-10)

- U.S. population grew 9.7% while Texas population grew 20.6%¹
- Number of dentists in Texas has increased faster than the general population (to 11,751 in 2011)²
- Number of “general dentists” (general dentists, pediatric dentists, public health dentists) has increased 28% (to 9,909 in 2011)²

¹ Office of the State Demographer, Update of Texas Demographic Characteristics and Trends

² Texas Department of State Health Services (DSHS) and Texas Higher Education Coordinating Board (THECB), 2012



Texas Dental School Graduates

- Texas graduates are likely to remain in the state and establish practices in the state's most populous higher education areas
- Most Texas graduates (79%) from 2007-2011 practice in or near population centers of the state (Gulf Coast, South Texas, and Metroplex)
- Approximately 30-35% of Texas graduates practice in “underserved” areas

Texas State Board of Dental Examiners (SBDE), Legislative Budget Board (LBB) and Texas Higher Education Coordinating Board (THECB), 2012



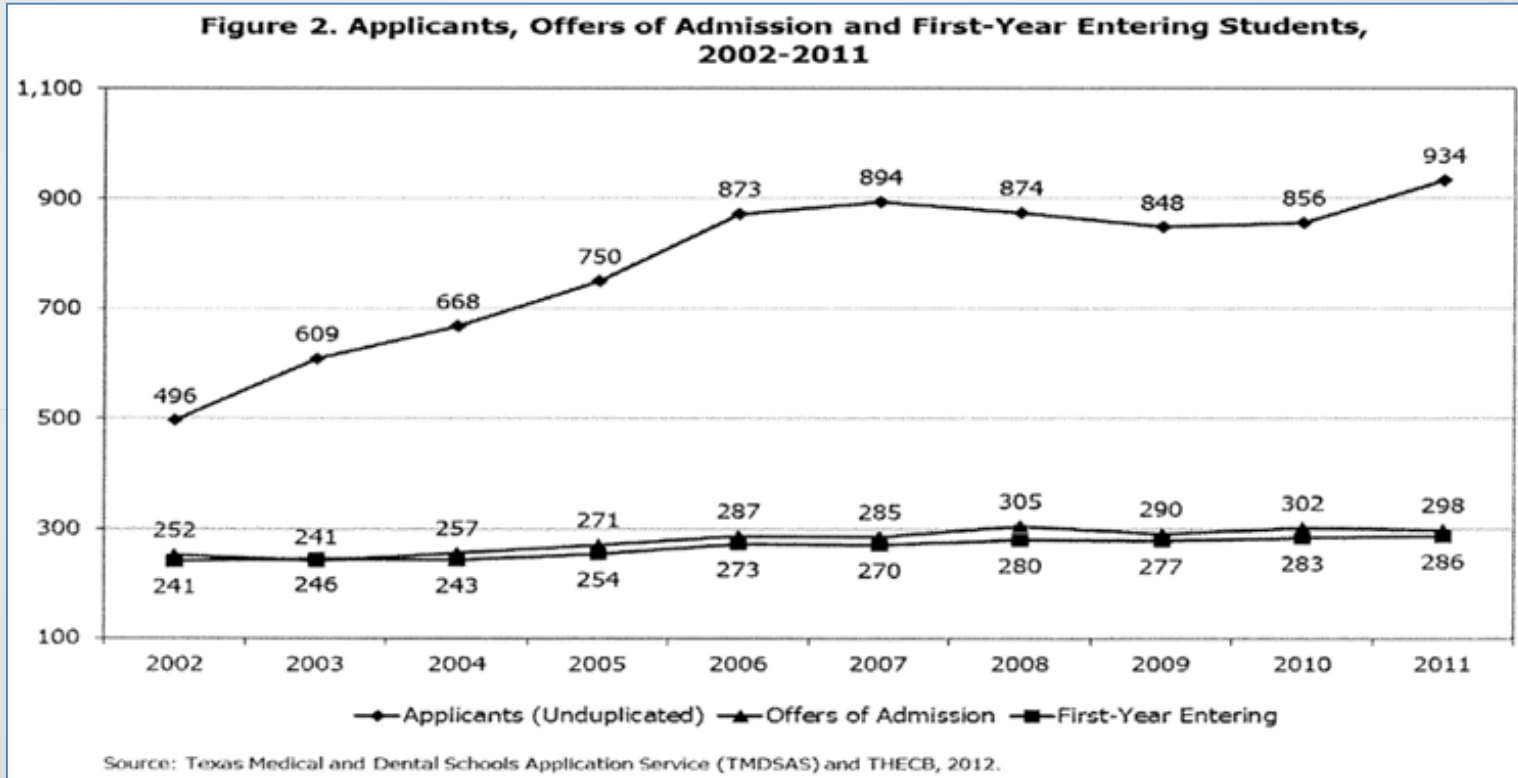
Oral Health Workforce Education

	College Pre-requisites	Dental/ Dental Hygiene School	Residency
Dental Hygiene	0-2 years	2 years	None
Current U.S. D.D.S. Model	3-4 years	4 years*	Optional for General D.D.S.
“Mid-level” provider: <ul style="list-style-type: none"> Dental Health Aide Therapist (DHAT) - Alaska, 2003 Community Dental Health Coordinator (CDHC) - ADA, 2006 Advanced Dental Hygiene Practitioner (ADHP) – ADHA Dental Therapist (DT)/Advanced Dental Therapist (ADT) - 2009 	0 – 2 years	1-2 years	N/A
Possible 6+1 D.D.S. Model (“European” model)	Combined 6 years		Required

* Except University of Pacific, which is a 3-year curriculum



Texas Applicants (2002-11)



243



Texas Dental School Enrollment

	1981	1990s	2013
U. T. Health Science Center - Houston	124	60	100
U. T. Health Science Center - San Antonio	152	80	100
Texas A&M University Baylor (Dallas)	133	85	100
TOTAL:	409	225*	300*

* approximate



D.D.S. Student Debt

- Tuition:
 - UTHSC-Houston 1st-year Resident (2012-13): **\$16,988**
 - Average U.S. 1st-year Resident: **\$30,886**¹
- Nationally, approximately 90% of dental students use student loans to finance their dental educations¹
- U.S. 2012 graduates had average combined undergraduate & dental school debt of \$203,374 (up from \$105,969 in 2000)²
- U. T. School of Dentistry at Houston 2012 graduate debt: \$131,766 (Dental School only)

¹ American Dental Association (ADA), Survey Center, 2009-10 *Survey of Dental Education*

² American Dental Education Association (ADEA) Survey of Dental School Seniors, 2012 Graduating Class, Table 10



New Technologies in Dental Education

- Electronic Health Records/Digital Imaging
- Simulation and virtual patients
- Haptic holography
- Plastination & virtual dissection
- Computer-Aided Design/Computer-Aided Manufacturing



Other U. T. School of Dentistry Strategies

- Increasing scholarships (from **\$26,500** total in 2008 to **\$77,000** total in 2012)
- Established new *Professional Resource Center*
- Expanding community partnerships in delivery of care, especially to pediatric and geriatric populations
- Expanding focus on research in dental public health, dental informatics, and educational research



Unknowns

- Impact of the Affordable Care Act
 - Mandated dental benefits for all children
 - Effect of dental public health measures
 - Community outreach funding, e.g., Federally Qualified Health Centers (FQHC)
- Medicaid
- State funding and tuition



Factors Affecting Future Workforce

- Demand for services
 - Population growth/locations
 - Federal/state health care funding
 - Utilization of services
 - Prevention/health literacy and education
- Dental education
 - Increasing # of dental schools/enrollment
 - Funding/student debt
- Delivery models
 - Gender diversity of practicing dentists
 - New workforce models (“mid-level providers”)
 - “Corporate” dental practice



Some Next Steps

- Need collaborative national and state plan that addresses access to care
- Support current Dental School enrollment in Texas
- Develop incentives for dental practitioners to work in underserved areas
- Continue to seek new funding models and alternatives
- Consider workforce models that can be supported educationally and are effective and sustainable in practice





4. **U. T. System: Discussion on Ph.D. career counseling programs at U. T. System health institutions**

REPORT

The health presidents will discuss Ph.D. career counseling programs at the U. T. System health institutions.

5. **U. T. System: Report on the challenges in the regulation of research and on the Virtual Center for Regulation of Science**

REPORT

Vice Chancellor Hurn will report on the challenges in the regulation of research and on the Virtual Center for Regulation of Science.

The report will include the challenges inherent in the regulation of health research and the potential for 1) increased cost to U. T. System academic medical centers to assure compliance, and 2) increased faculty time in administrative and compliance efforts.

Dr. Hurn will also report on the planned activities of the new Virtual Center for Regulation of Science, a U. T. System health institution collaboration that seeks to address these challenges.

6. **U. T. Health Science Center - San Antonio: Update on the San Antonio Children's Hospital**

REPORT

President Henrich will give an update on the San Antonio Children's Hospital.

7. **U. T. Southwestern Medical Center: Report on the West Campus Plan - Phase 1**

REPORT

President Podolsky will provide a report on U. T. Southwestern Medical Center's West Campus Plan - Phase 1. President Podolsky's presentation is set forth on the following pages.

The West Campus - Phase 1 project is also on the Facilities Planning and Construction Committee agenda as an action item (Item 5 on Page 278).

U. T. Southwestern Medical Center West Campus Plan – Phase 1

Daniel K. Podolsky, M.D.
President

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



THE UNIVERSITY of TEXAS SYSTEM
Nine Universities. Six Health Institutions. Unlimited Possibilities.

WWW.UTSYSTEM.EDU

U. T. Southwestern Medical Center



THE UNIVERSITY of TEXAS SYSTEM

Nine Universities. Six Health Institutions. Unlimited Possibilities.

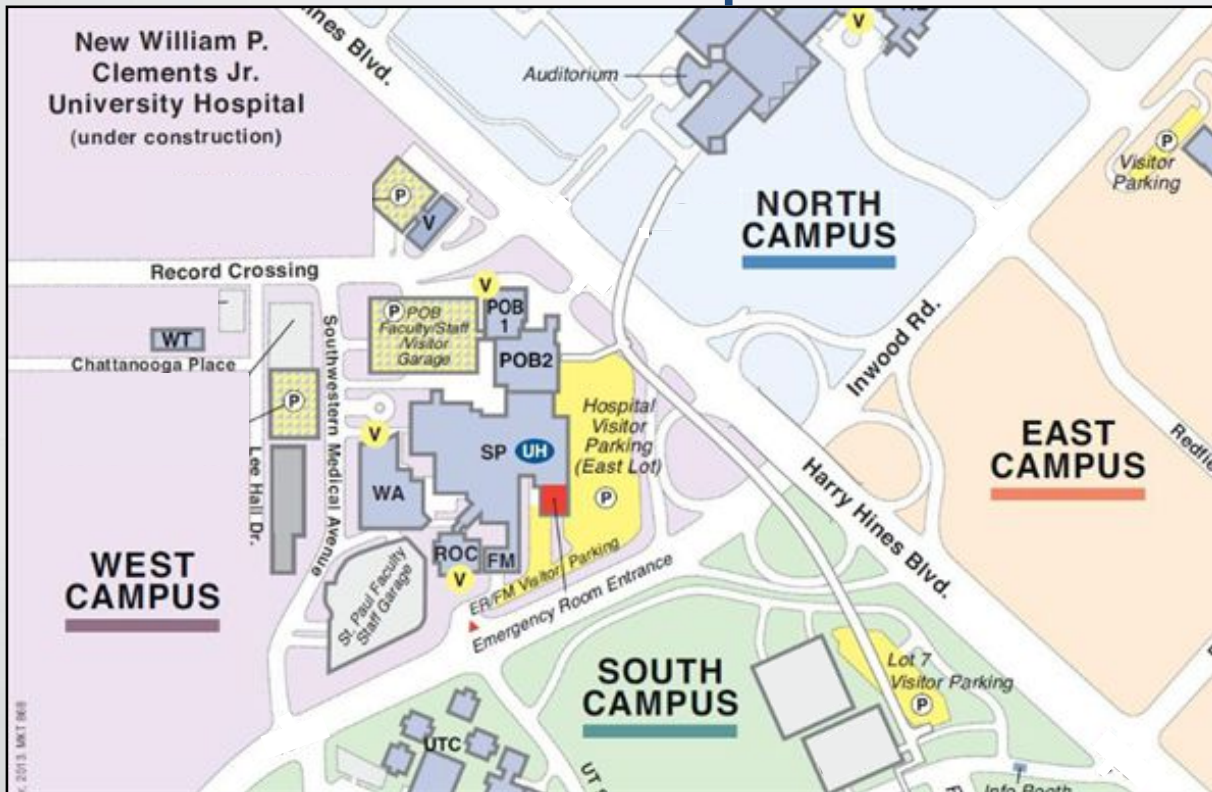
WWW.UTSYSTEM.EDU



U. T. Southwestern Medical Center



Current West Campus Site



- St. Paul University Hospital
- Professional Office Buildings
- Outpatient Care Center
- Simmons Radiation Oncology Center
- Health Professions School



Current West Campus Site



260

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



THE UNIVERSITY of TEXAS SYSTEM

Nine Universities. Six Health Institutions. Unlimited Possibilities.

WWW.UTSYSTEM.EDU

William P. Clements, Jr. University Hospital at U. T. Southwestern Medical Center



THE UNIVERSITY of TEXAS SYSTEM

Nine Universities. Six Health Institutions. Unlimited Possibilities.

WWW.UTSYSTEM.EDU

U. T. Southwestern Medical Center West Campus Plan

- **Clements University Hospital scheduled to open Fall 2014**
 - Replaces aged St. Paul University Hospital facility; opportunity to re-plan 25-acre site
- **UTSWMC conducted study to develop West Campus Plan**
 - Engaged consultants Hammes Assoc. and Tsoi/Kobus & Assoc. to assist in planning
 - Eventual demolition of all existing West Campus facilities except Outpatient Building (OPB), constructed in 2006
 - New site includes 1.1 million square feet of new academic and clinical space, built in multiple phases over ~20 years
 - Includes a new thermal energy plant, over 5,000 parking spaces, streets, utilities, and open space
 - Total estimated cost \$716 million



U. T. Southwestern Medical Center West Campus Plan – Phase 1

- **275,000 GSF Academic/Clinical Building**
 - Innovative multidisciplinary educational space including high-tech simulation center, academic/faculty offices, and outpatient services
 - Proximate to Clements University Hospital and existing ambulatory services
 - Current site of St. Paul University Hospital
 - Phase 1 cost: ~\$187M



West Campus Plan - Phase 1



Demolition of St. Paul, construction of first building, and utility plant and parking expansion



West Campus Plan - Phase 2



Construction of second building and additional underground parking, Professional Office Buildings (POBs) remain



West Campus Plan – Final Phase



POBs demolished, construction of remaining three buildings, central corridor connecting North and South campuses



U. T. Southwestern Medical Center West Campus - Phase 1

Total Project Cost: \$187 million

	Total Cost	Building		Garage	
		GSF	Cost/GSF	Spaces	Cost/Space
Academic/Clinical Building	\$125,555,000	275,000	\$457		
Parking Garage	\$36,147,000			1,609	\$22,466
Demolition of St. Paul UH	\$18,027,000				
West Campus Thermal Plant	\$7,271,000				
Total	\$187,000,000				

Projected Funding Sources: \$107M (57%) Revenue Financing System, \$60M (32%) Institutional Funds, \$20M (11%) Philanthropy



Video

268



8. **U. T. System: Quarterly report on health matters of interest to the U. T. System, including the role of the U. T. System health institutions under the 1115 Medicaid Waiver Program**

REPORT

Executive Vice Chancellor Shine will report on health matters of interest to the U. T. System, including the role of the U. T. System health institutions under the 1115 Medicaid Waiver Program.