



**TABLE OF CONTENTS
FOR
HEALTH AFFAIRS COMMITTEE**

Committee Meeting: 4/30/2018

Board Meeting: 5/1/2018
Houston, Texas

*Paul L. Foster, Chairman
Ernest Aliseda
David J. Beck
R. Steven Hicks
Jeffery D. Hildebrand
Janiece Longoria*

	Committee Meeting	Board Meeting	Page
Convene	1:30 p.m. <i>Chairman Foster</i>		
1. U. T. System Board of Regents: Discussion and appropriate action regarding Consent Agenda items, if any, assigned for Committee consideration	1:31 p.m. Discussion	Action	131
2. U. T. Southwestern Medical Center: Approval of preliminary authority for a Doctor of Philosophy in Applied Clinical Research degree program in the School of Health Professions, Department of Health Care Sciences	1:35 p.m. Action <i>Dwain Thiele, M.D.</i>	Action	132
3. U. T. Southwestern Medical Center: Discussion and appropriate action regarding proposed revisions to Mission Statement	1:40 p.m. Action <i>Dwain Thiele, M.D.</i>	Action	133
4. U. T. Health Science Center - San Antonio: Report on the Glenn Biggs Institute for Alzheimer's and Neurodegenerative Diseases	1:45 p.m. Report/Discussion <i>President Henrich Sudha Seshadri, M.D.</i>	Not on Agenda	135
Adjourn	2:15 p.m.		

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

RECOMMENDATION

The proposed Consent Agenda items assigned to this Committee are [Items 27 - 41](#).

2. **U. T. Southwestern Medical Center: Approval of preliminary authority for a Doctor of Philosophy in Applied Clinical Research degree program in the School of Health Professions, Department of Health Care Sciences**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Deputy Chancellor, the Executive Vice Chancellor for Health Affairs, and the institutional president that the U. T. System Board of Regents approve

- a. preliminary authority for U. T. Southwestern Medical Center to create a Doctor of Philosophy in Applied Clinical Research degree program in the School of Health Professions, Department of Health Care Sciences; and
- b. notification of the proposal to the Texas Higher Education Coordinating Board.

BACKGROUND INFORMATION

The proposed Doctor of Philosophy (Ph.D.) in Applied Clinical Research degree program is designed to provide research training in patient-oriented research and clinically relevant basic/translational science research for graduate-level health care professionals holding a master's-level degree and having discipline-specific clinical skills. The proposed degree program is analogous to the M.D./Ph.D. program model, combining clinical and research training, but is designed to enhance the research skills and marketability of allied health care professionals. By providing rigorous research training to these allied health clinicians, they will have the potential to expand their career options from the clinical practice setting to include research and teaching opportunities in academic institutions and government agencies, as well as the private sector.

While there is no current employment data related specifically to Ph.D.-trained health care professionals, the Bureau of Labor Statistics, U.S. Department of Labor, and the Occupational Outlook Handbook projects employment of medical scientists to grow 13% from 2016 to 2026, faster than the average for all occupations.

U. T. Southwestern Medical Center anticipates an initial enrollment of approximately five students and targeted recruitment of approximately 10 students each year thereafter. The goal is to have approximately 20-30 enrolled students in the program continually with 10 students graduating each year.

Once preliminary authority has been approved, U. T. Southwestern Medical Center will submit the full degree program proposal for approval by the U. T. System Board of Regents and the Texas Higher Education Coordinating Board.

3. **U. T. Southwestern Medical Center: Discussion and appropriate action regarding proposed revisions to Mission Statement**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Deputy Chancellor, the Executive Vice Chancellor for Health Affairs, and the institutional president that the U. T. System Board of Regents approve the proposed changes to the Mission Statement for U. T. Southwestern Medical Center as set forth on the following page.

BACKGROUND INFORMATION

Each public institution of higher education is required to have a mission statement under *Texas Education Code* Section 51.359. Section 51.352 of the Code, regarding the Responsibility of Governing Boards, requires governing boards to "insist on clarity of focus and mission of each institution under its governance." Regents' *Rules and Regulations*, Rule 10402, states that the Academic Affairs Committee or the Health Affairs Committee, as appropriate, must review proposed changes to institutional mission statements.

Approval of this item will also help to ensure compliance with the Southern Association of Colleges and Schools (SACS) requirements regarding the periodic review and approval of each institution's mission statement by its governing board.

The U. T. Southwestern Medical Center Mission Statement was last approved by the Board of Regents on February 8, 2007. The proposed changes are not substantive and provide a more current and accurate statement of the University's mission.

Proposed Mission Statement

Mission of U. T. Southwestern Medical Center

Promoting health and a healthy society that enables achievement of full human potential

We:

EDUCATE

Physicians, scientists, and caregivers optimally prepared to serve the needs of patients and society

DISCOVER

Research that solves for unmet needs by finding better treatments, cures, and prevention with a commitment to ensuring real world application

HEAL

Best care possible today, with continuous improvement and innovation for better care tomorrow

Current Mission Statement

The mission of U. T. Southwestern Medical Center is to improve the health care in our community, Texas, our nation, and the world through innovation and education. We will educate the next generation of leaders in patient care, biomedical science, and disease prevention; conduct high-impact, internationally recognized biomedical research; and deliver patient care that brings U. T. Southwestern's scientific advances to the bedside – focusing on quality, safety, and service.

4. **U. T. Health Science Center - San Antonio: Report on the Glenn Biggs Institute for Alzheimer's and Neurodegenerative Diseases**

INTRODUCTION

President Henrich will introduce Sudha Seshadri, M.D., Professor of Neurology and Founding Director of the Glenn Biggs Institute for Alzheimer's and Neurodegenerative Diseases at U. T. Health Science Center - San Antonio. A PowerPoint presentation is set forth on the following pages.

BACKGROUND INFORMATION

The Glenn Biggs Institute for Alzheimer's and Neurodegenerative Diseases (Biggs Institute) was established in September 2015. The late Mr. Biggs was a San Antonio philanthropist who was the Founding Chairman of the Health Science Center Development Board and had a diagnosis of Alzheimer's disease. Philanthropic gifts from the Greehey Foundation, Valero Energy Foundation, Kronkosky Charitable Foundation, Baptist Health Foundation of San Antonio, J.M.R. Barker Foundation, John L. Santikos Charitable Foundation, and other generous donors will further cutting-edge research, support care for patients and services for family members who are caregivers, fund facilities and equipment, fund faculty recruitment, and endow a prestigious distinguished chair for the Institute.

The Biggs Institute is the first comprehensive center of its kind in San Antonio and South Texas dedicated to clinical research on Alzheimer's and other neurodegenerative diseases and features expert diagnostics; physician specialists in Alzheimer's, Parkinson's, and other diseases; support programs for caregivers; and access to clinical trials of new therapies.

Responding to the Alzheimer Tsunami: The Glenn Biggs Institute for Alzheimer's and Neurodegenerative Diseases



Sudha Seshadri, M.D.
Founding Director, Glenn Biggs Institute for Alzheimer's and Neurodegenerative Diseases
Robert R. Barker Distinguished University Chair
Professor of Neurology, Psychiatry and Cellular and Integrative Physiology



U. T. System Board of Regents' Meeting
Health Affairs Committee
April/May 2018



THE UNIVERSITY of TEXAS SYSTEM
FOURTEEN INSTITUTIONS. UNLIMITED POSSIBILITIES.

WWW.UTSYSTEM.EDU

The Problem / Challenge

- **5.7 Million** with Alzheimer's Disease (AD) in the U.S.
- **1 in 3** die with AD or another dementia
Only leading cause of death trending UP ↗, not down
- **16.1 Million** care partners are affected
1 in 6 caregivers is under 35
- Costs the U.S. **\$277 Billion**/year
- 32-84% of household wealth dissipated in care

Every
65
seconds
someone in the United States
develops Alzheimer's disease.

If unchecked, expect

TRIPLING (3X) of these numbers by 2050!

The Crisis in Texas

- Texas has **3rd largest** number of persons with AD
- 2nd in deaths due to AD
- **2 of every 5** Texans is Hispanic
- Hispanics have **30-50% higher risk**

Among **Hispanics**, expect
6X increase in numbers by 2050!

Less well studied

Harder to reach: 1% of trial subjects

Higher care burden

Lifetime Risk of Dementia: Women – 65 years

Delaying onset of dementia by 5 years could halve population burden

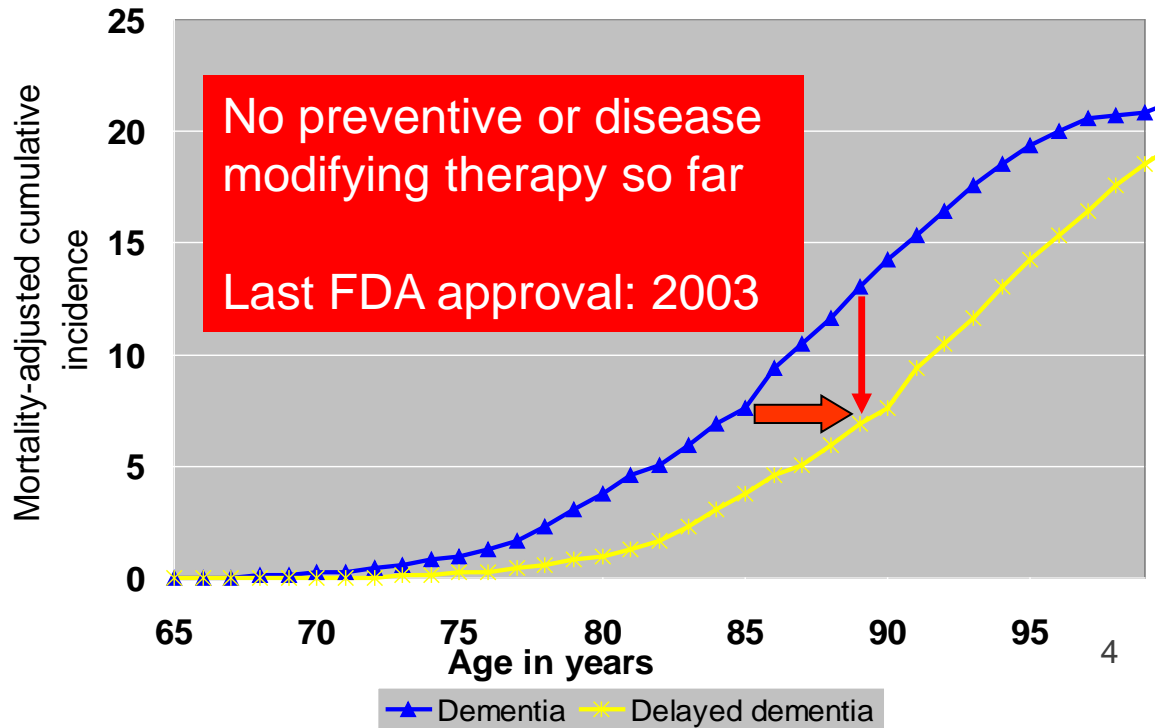
THE NEW ENGLAND JOURNAL OF MEDICINE

ORIGINAL ARTICLE

Incidence of Dementia over Three Decades in the Framingham Heart Study

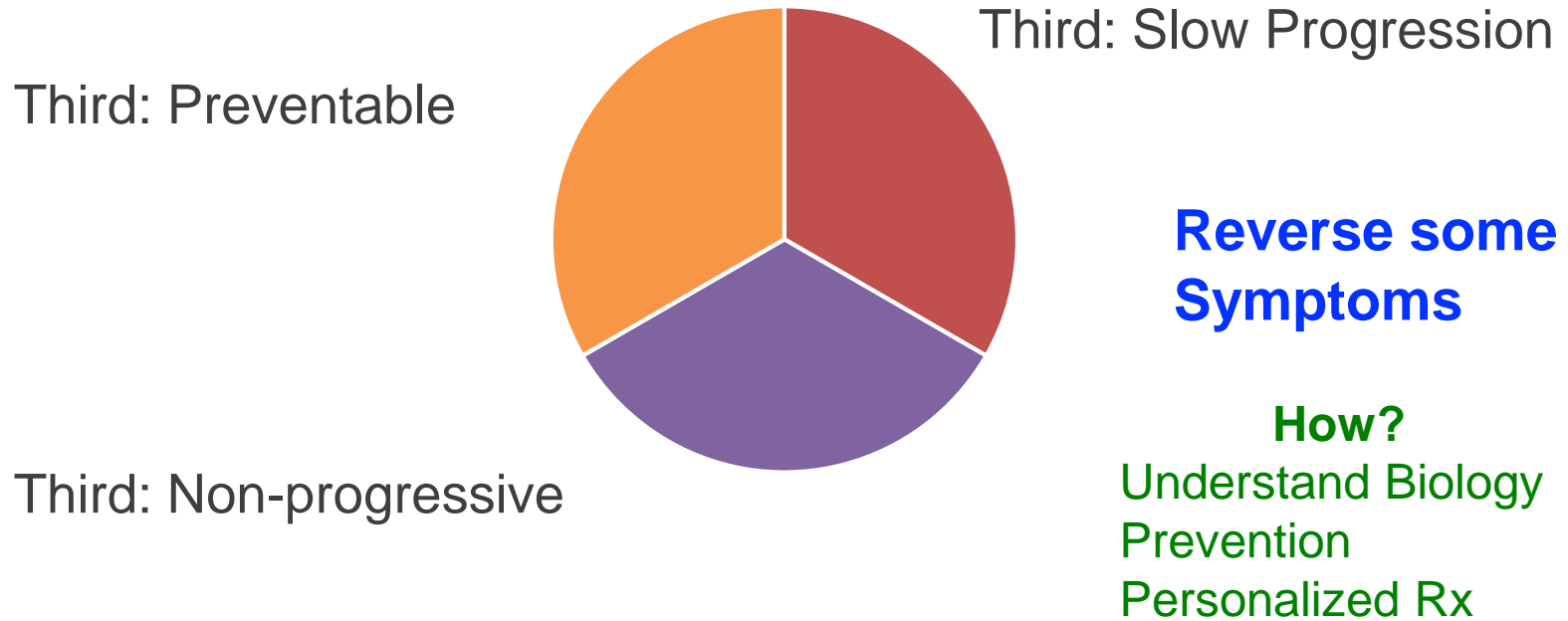
Claudia L. Satizabal, Ph.D., Alexa S. Beiser, Ph.D., Vincent Chouraki, M.D., Ph.D., Geneviève Chêne, M.D., Ph.D., Carole Dufouil, Ph.D., and Sudha Seshadri, M.D.

Seshadri et al., Lifetime Risk of Stroke: The Framingham Study. Stroke 2006; 37: 344-349.



Is there a Solution? Vision: Alzheimer's

In 10 years



Third: Preventable

Third: Slow Progression

**Reverse some
Symptoms**

How?

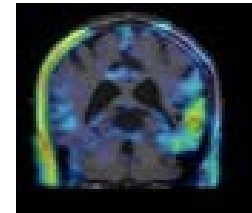
Understand Biology
Prevention
Personalized Rx

Third: Non-progressive

'Big' Ideas In AD Prevention

- **Preclinical phase lasts 20+ years**

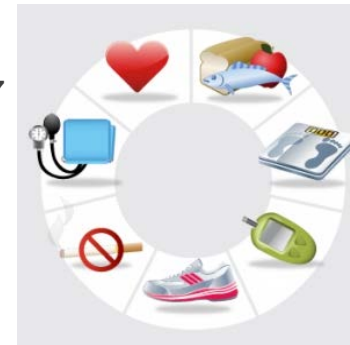
Amyloid and Tau PET in 35-65 year olds show early disease
 Blood and CSF markers
 Genetic, MRI, eye, gait markers



- **Lifestyle matters**

1 point more on American Heart Association's Simple 7
 = 3.5 years less cognitive decline, brain shrinkage

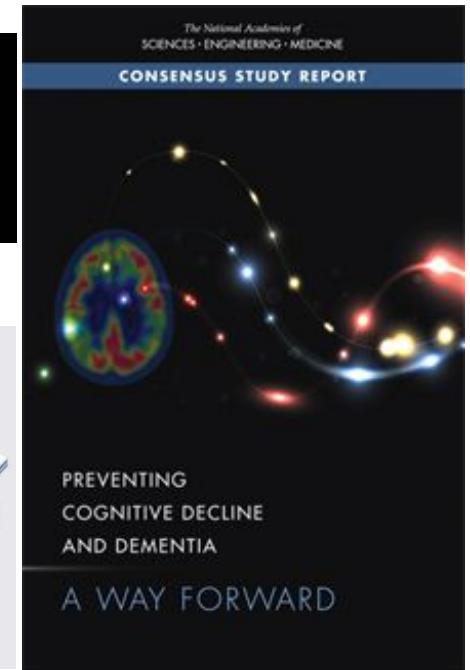
[Pase et al., Stroke 2016](#)



- **Life-course disease**

Impact of being diabetic is 6 years of brain aging at 65
 ~20 years at age 42!

[Weinstein et al., Neurology 2015](#)



'Big' Ideas to Stop or Slow Progression

- 'Alzheimer's Dementia' is not all one disease
 - 40+ genes, different pathways to pathology
- Understand and leverage the differences
 - Analyze trial datasets
 - Characterize each patient

For each a unique cocktail!



- Design targeted trials
- Design 'easy-to-use' markers



Mark
VCID



Glenn Biggs Institute for Alzheimer's and Neurodegenerative Diseases: Our Approach

- **Comprehensive**

- Clinical care and research
- Basic science and innovative analyses
- Public health and population neuroscience
- Education and training
- Advocacy and community engagement

- **Collaborative**

- University, city, state, national, international
- \$20-30M/year public and private partnership

- **Goal: Solutions for Texas, U.S., the World**



Mission: The Care Family

Goal: Superb Care & Research at one stop

- **Comprehensive**

Philanthropic Support; Advocate to change reimbursements

- Neurologists, Psychiatrists, Neuropsychologists, Mid-level Providers, Counselors, Social Worker, Nurse, Dietician, Occupational-, Physical-, Speech- therapists, Cognitive Rehabilitation
- Geriatric Medicine, Palliative, and 'End-of-Life' Care

Caring for the Caregiver

At UT Health San Antonio, we recognize that care for a person with a chronic illness or disability is not complete without addressing the needs of the caregiver. Focusing on caregivers, this program aims to improve the quality of life for family caregivers and those they care for with hands-on training and open discussions.

[Learn more](#)

Preventing Elder Neglect and Abuse



- **Scientific**

- Registry, detailed core data set
- Medical records linkage
- **Biobank, brain bank**

Clinical Trials



Clinical trials are one of the many ways we advance research to provide tomorrow's treatments, today. Our researchers work to understand the risks, predictors, prevention and possible treatments for Alzheimer's disease, mild cognitive impairment and related conditions.

As a volunteer for a clinical study, you can help put discoveries into practice.

[Learn more](#)

Mission: Education and Training

Students, Residents, Fellowships, Research, Peers, Other Health Professions, and **Public**

Upcoming Events

APR
09

Dialogue on Dementia: "Do Social Engagement and Loneliness Affect Your Risk of Dementia?"

Learn and understand more about the multi facets of dementia including advanced related research and more patient-based discussion on the onset and advancement of dementia, Alzheimer's and other neurodegenerative diseases.

[View event »](#)

APR
12

The Essentials of Caregiving: Planning for Future Care

This class is designed for caregivers and their family members to discuss the importance of planning for the future, including decisions related to care and advance care planning.

[View event »](#)

Event Categories:

[Caregiver Classes and Workshops »](#)

[Dialogue on Dementia: Discussions in Research and Patient Care »](#)

[View all events](#)

Effective education begins with listening and learning

Summary: Biggs Vision

- **Comprehensive** care, research, education
- **Care family** for ideal dementia care with integrated research
- Pioneering **precision medicine** approaches
- Leader in understanding dementia in **Latinos**

