



TARCC 2021 Scientific Symposium – Advances in Alzheimer's Disease Science, Research, and Care

Thursday, January 28, 2021

9:00 am – 5:00 pm

<http://www.txalzresearch.org/research/symposia/>

Agenda

9:00 am ([Join Here](#))
Welcome
Kelly Dineley, PhD, Symposium Chair, UT Medical Branch at Galveston
Introduction: State of the TARCC
C. Munro Cullum, PhD, ABPP, TARCC Scientific Director, UT Southwestern Medical Center

9:40 am BREAK

9:45 am Concurrent Panel Presentations

Panel 1: Longitudinal Continuation of the TARCC Hispanic Cohort
([Join Here](#))

*Led by: John Hart, Jr, MD (UT Southwestern)
Robin Hilsabeck, PhD, ABPP (UT Austin Dell Medical School)
Parunyou Julayanont, MD (Texas Tech University Health Science Center)
Gladys Maestre, MD, PhD (UT Health Rio Grande Valley)
Donald Royall, MD (UT Health San Antonio)*
Moderated by: Elena Christine Keltner, MS (UT Dallas)

Panel 2: Texas Statewide Brain Bank Initiative
([Join Here](#))

*Led by: Kevin Bieniek, PhD (UT Health San Antonio)
Venkat Malladi, MS (UT Southwestern)
Jamie Walker, MD, PhD (UT Health San Antonio)
Charles White, III, MD (UT Southwestern)
Bret Evers MD, PhD (UT Southwestern)*
Moderated by: Charles White, III, MD (UT Southwestern)

Panel 3: Problem solving training (PST) for English- and Spanish-speaking care partners of adults with Alzheimer's and Alzheimer's-related dementia
([Join Here](#))

*Led by: Shannon Juengst, PhD (UT Southwestern)
Gladys Maestre, MD, PhD (UT Health Rio Grande Valley)
Matthew Lee Smith, PhD, MPH (Texas A&M University Health Science Center)
Charlene Supnet, PhD (UT Southwestern)
Marlene Vega, PsyD (UT Southwestern)
Rosa Pirela Mavarez (UT Health Rio Grande Valley)*
Moderated by: Valeria Silva (UT Southwestern)

Panel 4: Characterization of Microbial Composition in Alzheimer's Disease
([Join Here](#))

*Led by: Joseph Petrosino, PhD (Baylor College of Medicine)
Claudia Satizabal, PhD (UT Health San Antonio)
Bernard Fongang, PhD (UT Health San Antonio)
Kristi Hoffman, PhD, MPH (Baylor College of Medicine)
Tiffany Kautz, PhD (UT Health San Antonio)*
Moderated by: Tiffany Kautz, PhD (UT Health San Antonio)

- 10:40 am BREAK
- 10:45am TARCC Fellowship Programs Update
([Join Here](#))
Led by: Kelly Dineley, PhD (UT Medical Branch at Galveston)
Robin Hilsabeck, PhD (UT Austin Dell Medical School)
Laura Lacritz, PhD (UT Southwestern)
Jennifer Johnson, PhD (Baylor College of Medicine)
Moderated by: Anne Carlew, PhD (UT Southwestern)
- 11:40am BREAK
- 11:45am Concurrent Discussion Groups
- A. Development of New Models and Analysis Method*
Led by: Chun-Li Zhang, PhD (UT Southwestern)
- B. Genetics*
Led by: Bob Barber, PhD (UNT Health Science Center)
- C. Human Neuropathology*
Led by: Kevin Bieniek, PhD (UT Health San Antonio)
- D. Molecular and Cell Biology*
Led by: Giulio Tagliatela, PhD (UT Medical Branch Galveston)
- E. Biomarkers Non-Neuroimaging*
Led by: Mohammad Shahnawaz, PhD (UT Health Houston)
- F. Biomarkers Neuroimaging*
Led by: Fang Frank Yu, MD (UT Southwestern)
- G: Clinical Manifestations*
Led by: Sudha Seshadri, MD (UT Health San Antonio)
- H: Dementia Care and Psychosocial Factors*
Led by: Marcia Ory, PhD (Texas A&M University Health Science Center)
- I: Dementia Care Practice and Public Health*
Led by: Justin F. Rousseau, MD (UT Austin Dell Medical School)
- J: New Treatment Development*
Led by: Kelly Dineley, PhD (UT Medical Branch at Galveston)
- 12:45 pm BREAK
- 1:00 pm **Keynote Lecture**
Dementia Prevention at the Population Level: Modifiable Risk Factors
([Join Here](#))
Kristine Yaffe, MD
Scola Endowed Chair and Vice Chair
Professor of Psychiatry and Behavioral Sciences, Neurology, and Epidemiology
Director of the Center for Population Brain Health
University of California, San Francisco
Moderated by: Jeffrey Schaffert, PhD (UT Southwestern)
- 2:00 pm BREAK
- 2:15 pm Poster Sessions
- 3:45 pm BREAK
- 4:00 pm Discussion Group Summary Presentations
- 5:00 pm Close and Poster Winner Announcements (if available)

Texas Council on Alzheimer's Disease and Related Disorders

Marc Diamond, M.D., Chair, *Dallas*

Eddie L. Patton, Jr., M.D., Vice-Chair, *Sugar Land*

Byron Cordes, LCSW, C-ASWCM, *San Antonio*

Laura DeFina, M.D., *Dallas*

Joe A. Evans, Jr., *Beaumont*

Vaunette Fay, Ph.D., *Houston*

Ana Guerrero Gore, *Galveston*

Char Hu, Ph.D., *Austin*

Mary Ellen Quiceno, M.D., *Dallas*

Sudha Seshadri, M.D., DM, *San Antonio*

Terrence Sommers, *Amarillo*

Angela Turner, *Normangee*

Michael Gayle, PT, DPT, MA, OCS, *Texas Health and Human Services Commission*

Kelly Fegan-Bohm, MD, MPH, MA, *Texas Department of State Health Services*

Valerie J. Krueger, *Texas Health and Human Services Commission*

Staff: Lynda Taylor, MSW, *Texas Department of State Health Services*

TARCC Steering Committee Members

Robert C. Barber, Ph.D., *The University of North Texas Health Science Center*

Munro Cullum Ph.D., *The University of Texas Southwestern Medical Center*

Parunyou Julayanont, M.D., *Texas Tech University Health Sciences Center*

Rodrigo Morales, Ph.D., *The University of Texas Health Science Center at Houston*

Michael Dobbs, M.D., *University of Texas Rio Grande Valley School of Medicine*

Marcia Ory, Ph.D., *Texas A&M Health Science Center*

Valory Pavlik, Ph.D., *Baylor College of Medicine*

David Paydarfar, M.D., *The University of Texas at Austin Dell Medical School*

Donald R. Royall, M.D., *The University of Texas Health Science Center at San Antonio*

Kelly Dineley, Ph.D., *The University of Texas Medical Branch at Galveston*



The Texas Alzheimer's Research and Care Consortium (TARCC) was established by state law in 1999 and formally funded with a \$2 million state appropriation in 2005. Initially comprised of four statewide medical institutions with the goal of improving the diagnosis, treatment, and prevention of Alzheimer's Disease and related disorders (AD) through collaborative efforts, the consortium has grown to a membership of nine medical institutions.

TARCC has greatly increased Texas' capacity to advance research and discovery to improve early diagnosis, treatment, and prevention of Alzheimer's disease and related brain disorders through the accumulative appropriation of more than \$50 million to date. This funding allows TARCC to:

- Enable cutting edge research to enhance our understanding, detection, surveillance, treatment, and prevention of Alzheimer's disease and related disorders.
- Promote a comprehensive model of care that embraces caregivers as well as patients across the state
- Establish interdisciplinary scientific collaborations among Texas medical research institutions and AD researchers to create valuable statewide resource for the study of Alzheimer's disease and related brain disorders
- Offer support and growth opportunities to junior investigators to build a core for Texas' scientific future

The state legislative investment in TARCC has resulted in the awarding of \$100,613,930 in additional outside federal and foundation grants to date, with projects addressing disease biomarkers, identification of disease characteristics in Hispanic populations, phenotyping dementia characteristics, studies of caregiver support, and proteomic studies of dementia.

Managed by a Scientific Director with the support of a member based Steering Committee, the scientific and medical training the medical institutions represent set the research agenda for the state appropriated funds. TARCC is proud to partner with leading medical, scientific, and academic partners to move closer to improved progression, and eventual eradication of neurodegenerative disease.

<http://www.txalzresearch.org>
<http://www.facebook.com/txalzresearch>

TARCC MEMBER INSTITUTIONS

Baylor College of Medicine
Texas A&M University Health Science Center
Texas Tech University Health Sciences Center
University of North Texas Health Science Center
UT Austin Dell Medical School
UT Health Science Center at Houston
UT Health Science Center San Antonio
UT Medical Branch at Galveston
UT Rio Grande Valley School of Medicine
UT Southwestern Medical Center



TEXAS Alzheimer's Research
and Care Consortium
a Darrell K Royal Texas Alzheimer's Initiative

