



16<sup>TH</sup> ANNUAL FRONTIERS OF  
TRANSLATIONAL SCIENCE RESEARCH DAY

# The 16th Annual Frontiers of Translational Science Research Day Award Winners



**Anjali Sivaramakrishnan** (Faculty)

UT Health San Antonio

*Exercise training combined with virtual reality-based games can improve balance in Parkinson's disease*

**Mahanaz Syed** (Faculty)

UT Health San Antonio

*AI-Based Eligibility Reasoning over EHR Data for Clinical Trial Recruitment*

**Sarai Llamas** (Other)

UT Health San Antonio

*Therapeutic Yoga Improves Quality of Life and Reduces Perceived Stress in Women with Breast Cancer:  
A-6 Month Intervention in South Texas Communities*

**Emi Varfaj** (Other)

UT Health San Antonio

*Validation of Dried Plasma Spot Sampling for Alzheimer's Disease Biomarkers in Diverse and Resource-Limited Settings*

**Zoe Hauffpauir** (Postdoctoral)

UT Health San Antonio

*Characterization of lumazine synthase of Mycobacterium tuberculosis to inform drug design*

**Matteo Maria Lalovich** (Postdoctoral)

UT Health San Antonio

*Short-Term Glucagon Adaptation to an Isocaloric Ketogenic Diet in Obese Individuals with Type-2 Diabetes*

**Chloe Chui** (Student)

UT Health San Antonio

*AI-Assisted Clinical Data Extraction: Evaluating AI Limits and Utility in Clinical Decision Support*

**Nahid Iftkihar** (Student)

UT Health San Antonio

*Pharmacologic Activation of Estrogen Receptor  $\beta$  Suppresses Tumor Growth and Enhances Chemosensitivity in Triple Negative Breast Cancer*

**Durga Meenakshi Pannerdoss** (Student)

UT Health San Antonio

*LIPA Inhibition Enhances the Therapeutic Efficacy of DNA-Damaging Agents in Ovarian Cancer  
Through Induction of ER Stress and Enhancing DNA Damage*

**Athena Santi** (Student)

UT Health San Antonio

*Chemomagnetic Capsaicin Delivery for TRPV1 Modulation in Chronic Pain and Neural Repair*

# Institute for Integration of Medicine & Science Clinical & Translational Science *Mentor of the Year Award*



*Audrey Lamb*

*Daniel Lodge*

*Sudha Seshadri*

*Ratna Vadlamudi*