AGING AND NEURODEGENERATIVE DISEASES SYMPOSIUM

JULY 28, 2017
UNIVERSITY OF TEXAS AT SAN ANTONIO
HUC BALLROOM

UC GALLERIA

8:00AM  REGISTRATION OPEN, CONTINENTAL BREAKFAST & NETWORKING

BALLROOM 1.106

8:45AM  WELCOMING AND OPENING REMARKS
Dr. Bernard Arulanandam, Interim VP for Research, UTSA
Dr. Andrea Giuffrida, VP for Research, UT Health San Antonio

9:00AM  KEYNOTE SPEAKER
Dr. José Alejandro Luchsinger, M.D., MPH, Florence Irving Associate Professor of Medicine and Associate Professor of Epidemiology, Director of the Center on Aging and Health Disparities (CAHD), Columbia University Medical Center
Diabetes and Alzheimer’s Disease and Related Dementias

10:05AM  SALSI CLUSTERS IN RESEARCH EXCELLENCE AWARDEES
Todd Troyer, Ph.D., Associate Professor, Department of Biology, University of Texas at San Antonio
Hye Young Lee, Ph.D., Assistant Professor, Department of Physiology, UT Health San Antonio
Elucidating Social Communication Deficits in Autism

10:30AM  SALSI CLUSTERS IN RESEARCH EXCELLENCE AWARDEES
Stephan Bach Ph.D., Associate Professor, Department of Chemistry, University of Texas at San Antonio
Bess Frost, Ph.D., Assistant Professor, Department of Cell Systems & Anatomy, UT Health San Antonio
Utilizing Imaging Mass Spectrometry and Electron Microscopy to Investigate Nucleoplasmic Reticulum Expansion in AD.
10:55AM COFFEE BREAK

SALSI INNOVATION CHALLENGE Awardees

11:10AM Yufei Huang, Ph.D., Professor, Department Electrical and Computing Engineering, University of Texas at San Antonio
   Yidong Chen, Ph.D., Professor, Department of Epidemiology and Biostatistics, UT Health San Antonio
   A Cloud-computing Pipeline for Precision Medicine

SALSI INNOVATION CHALLENGE Awardees

11:35AM David Akopian, Ph.D., Professor, Department of Electrical Engineering, University of Texas at San Antonio
   Amelie Ramirez, Ph.D., Professor, Department of Epidemiology and Biostatistics, UT Health San Antonio
   An Interactive Automated Mobile Messaging Service for Mobile Health Promotion Interventions

BALLROOM 1.104

12:00PM LUNCH

1:00PM POSTER SESSION

BALLROOM 1.106

2:00PM KEYNOTE SPEAKER
   Munro Cullum, Ph.D., Professor of Psychiatry, Neurology, & Neurological Surgery Chief and Pamela Blumenthal Distinguished Professorship in Clinical Psychology, UT Southwestern
   Traumatic Brain Injury and Cognitive Disorders of Aging

3:00PM COFFEE BREAK

3:15PM Jorge Azpurua, Ph.D., SALSI Postdoctoral Fellow, Department of Cellular and Integrative Physiology, UT Health San Antonio
   Transcriptomics of Aged Drosophila Motor Neurons Reveals a Matrix Metalloproteinase That Impairs Motor Function

3:30PM Sandra Cardona, Ph.D., Assistant Professor of Research, Department of Biology, University of Texas at San Antonio
   Neuroprotective Roles of Fractalkine in Multiple Sclerosis: Characterization of Novel Humanized Animal Model

3:45PM Christopher Navara, Ph.D., Associate Professor of Research, Department of Biology, University of Texas at San Antonio
   Evaluating Mitochondrial Dynamics Using Induced Pluripotent Stem Cells Derived from Alzheimer’s Disease Patients.

4:00PM Veronica Galvan, Ph.D., Associate Professor, Department of Cellular and Integrative Physiology, UT Health San Antonio
   Neural and Vascular Mechanisms Linking Aging to Alzheimer’s Disease

4:15PM Naomi Sayre, Ph.D., Assistant Professor of Research, Department of Neurosurgery, UT Health San Antonio
   Lipoprotein Receptor LRP1 Modulates Astrocyte Cytokine Sensitivity; Implications for Long-Term Brain Recovery After Damage

4:30PM CLOSING REMARKS
   George Perry, Ph.D., Dean, College of Sciences, University of Texas at San Antonio