



THE UNIVERSITY OF UTAH

May 25, 2022

Keynote/Symposium Retreat

The Alumni House
Ballroom
155 S Central Campus Drive
Salt Lake City, UT 84112

Cognitive Resilience Across the Translational Research Spectrum

15th Annual Research Retreat

May 26, 2022

Poster Session

The Alumni House
Ballroom
155 S Central Campus Drive
Salt Lake City, UT 84112

Wednesday May 25, 2022

8:00 – 8:15 am		Sign In & Continental Breakfast
8:15 – 8:30 am		Welcome by Will Dere, MD, AVP Research for Health Sciences and Mark Supiano, MD
Keynote Addresses		
8:30 – 9:30 am		Demetrius M. Maraganore, MD, FAAN (Tulane University) “Pragmatic Study of Older Persons with Superior Cognitive Performance Over Age 90”
9:30 – 10:30 am		Timothy Hohman, PhD (Vanderbilt University) “Genetic Drivers of Resilience to Alzheimer’s Disease”
10:30 – 10:50 BREAK		
10:50 – 11:40 am		Basic Science – Dr. Tony Donato, Moderator
Keynote Addresses		
12:00 – 1:00 pm		Demetrius M. Maraganore, MD, FAAN (Tulane University) “Paradigm Shift: From Palliating to Preventing Cognitive Decline and Dementia”
1:05 – 1:20 pm		Nikki Camp, PhD Overview of the Utah Population Data Base
1:20 – 2:50 pm		Clinical and Biomarkers – Dr. Mark Supiano, Moderator <ul style="list-style-type: none">• Cardiovascular and Physical Activity• Sensory and Sleep• Neuropsychological• Biomarkers
2:50 – 3:10 BREAK		
3:10 – 3:40 pm		Caregiver – Dr. Caroline Stephens, Moderator
3:40 – 4:00 pm		Discussion and Adjourn

Thursday May 26, 2022

10:00 am – 1:00 pm		Poster Session & Student Awards
--------------------	--	--

Thank you for attending!

Watch for more programs and info on our website: www.aging.utah.edu

Basic Science 10:50-11:40am

10:50	Chris Gregg, PhD Human Genetics	Aging Phenotypes and their epigenetic basis
10:55	Donna Cross, PhD Radiology	Microtubule stabilization as a therapeutic strategy for neurodegenerative conditions
11:00	Robert Campbell, PhD General Internal Medicine	The role of Platelets and Neutrophils in Ischemic Stroke Injury and Neurological Deficit
11:05	Amandine Chaix, PhD Nutrition & Integ Physiology	Motor Behavioral Profile Scores as Biomarkers for Alzheimer's Disease
11:10	Rajeshwary Ghosh, PhD Nutrition & Integ Physiology	Lack of Cardiac p62/SQSTM1 Precipitates Cardiac Aging via Impaired NRF2 Signaling
11:15	Dave Symons, PhD Nutrition & Integ Physiology	Defining the contribution from endothelial cell metabolism to aging-associated cerebrovascular complications in the absence and presence of ischemic stroke
11:20	Katherine Shields, MS Nutrition & Integ Physiology	Peripheral and Cerebral Vascular Function in Aging and Mild Cognitive Impairment
11:25	Matthew Euler, PhD Psychology	EEG applications in cognitive resilience: Developing general and disorder-specific risk markers
11:30	Nick Frost, MD Neurology	Distributed Networks Underlying Cognition in Neurodegenerative

Clinical 1:20-2:50pm

1:20	Mark Supiano, MD Division of Geriatrics	Cognitive Resilience Clinical Intervention Trials: Blood pressure, Statins and Fish Oils
1:30	Srini Beddhu, MD Division of Nephrology	Prolonged Sitting and the Risk of Dementia in Older Adults: A PREVENTABLE Ancillary Study
1:35	Ben Steinberg, MD Cardiovascular Medicine	Opening Our Minds: Broadening the Definition of 'Symptomatic' Atrial Fibrillation
1:40	Peter Fino, PhD Health and Kinesiology	Balance, Mobility, and Concussions in Older Adults
1:45	Adam Bress, PharmD Population Health Sciences	Optimizing Antihypertensive Treatment in 2022 to Prevent Cardiovascular Disease and Dementia
1:50	Richard Gurgel, MD Surgery	The Hear and Know: Hearing Loss, Cognition, and Cochlear Implants in Older Adults
1:55	Sarah Creem-Regehr, PhD Psychology	Sensory Integration for Spatial Navigation: Effects of Age and Sensory Impairment
2:00	Vincent Koppelman, PhD Psychiatry	Motor Behavioral Profile Scores as Biomarkers for Alzheimer's Disease

2:05	Sarah Morimoto, PsyD Population Health sciences	Plasticity-based digital interventions for major depressive disorder (MDD) and cognitive impairment
2:10	Kevin Duff, PhD Neurology	How do you get to Carnegie Hall? Practice, practice, practice
2:15	Kim Korinek, PhD Sociology	Life Course Stress & Cognitive Aging: Dementia Risk Factors in a Cohort of Vietnamese War Survivors
2:20	Karen Schliep, PhD Public Health	Hypertensive Disorders of Pregnancy and Subsequent Risk of Alzheimer's Disease, Vascular Dementia, or Related Dementia: Findings from an 80-year retrospective cohort study
2:25	Jace King, PhD Radiology	Novel metrics of brain dynamics in Alzheimer's disease
2:30	Chun Yuan, PhD Radiology	Brain vascular imaging and quantitation in aging research

Caregiving 3:10-3:40pm

3:10	Caroline Stephens, PhD Coll of Nursing	From Secondary Data to Clinical Interventions: Supporting Formal & Informal Caregivers of Palliative Care Eligible Nursing Home Residents
3:15	Kara Dassel, PhD Coll of Nursing	The intersectionality of decision-making and dementia advance care planning
3:20	Jacque Eaton, PhD Coll of Nursing	Enhancing Active Caregiver Training
3:25	Kathie Supiano, PhD, LCSW Coll of Nursing	Pre loss Grief Support for Dementia Family Care Partners at risk for Problematic Grief
3:30	Becky Utz, PhD Sociology	Supporting Families at End of Life Through Intervention, Data, and Policy