

*This event will feature discussions on transformative, new directions in interdisciplinary Alzheimer's Disease and Related Dementias (ADRD) research*

## **AGENDA**

### MORNING SESSION – PLENARY SPEAKERS

- 9:40am – 9:55am Introductions to event
- Safiya George, PhD, APRN-BC, FAANP, FNAP**; Dean and Professor; Christine E. Lynn College of Nursing, Florida Atlantic University
- Julie G. Pilitsis, MD, PhD, MBA**, Dean and Vice President of Medical Affairs, Charles E. Schmidt College of Medicine, Florida Atlantic University
- Stella Batalama, PhD**, Dean, College of Engineering & Computer Science, Professor, Department of Electrical Engineering and Computer Science, Florida Atlantic University
- 9:55am – 10:40am “Agility: Adjusting Approaches to ADRD Research”
- Nupur Ghoshal, MD, Ph.D.**, Associate Professor, Depts. of Neurology and Psychiatry Knight Alzheimer Disease Research Center, Washington University School of Medicine
- 10:40am – 11:25am “Targeting social disparities in ADRD: New directions toward brain health equity”
- Megan Zuelsdorff, Ph.D.**, Assistant Professor, School of Nursing, University of Wisconsin-Madison, Investigator - Wisconsin Alzheimer's Disease Research Center, Department of Medicine, Geriatrics Division, UW School of Medicine and Public Health
- 11:25am – 11:30am Break
- 11:30am – 12:15pm “Data Mining a Digital Twin for Cognitive Health Assessment and Intervention”
- Diane Cook, Ph.D.**, Regents Professor and Huie-Rogers Chair Professor in the School of Electrical Engineering and Computer Science at Washington State University
- 12:15pm – 12:35pm “Finding Support from NIA”
- Cerise L. Elliott, Ph.D.**, Program Officer, National Institute on Aging, National Institutes of Health
- 12:35pm – 1:30pm Lunch (provided)

**November 30, 2022**

Location: Gangal Hall, Room 101, Engineering East Building (EE-96), FAU Boca Campus

**AFTERNOON SESSION – FAU PANELS**

1:30pm – 1:35pm

Introduction to afternoon panels

**Daniel C. Flynn, PhD**, Vice President for Research, Florida Atlantic University

1:35pm – 2:05pm

Basic Research in ADRD

Panel Moderator: **Randy D. Blakely, Ph.D.**, Executive Director, FAU Stiles-Nicholson Brain Institute, David J.S. Nicholson Distinguished Professor in Neuroscience, Professor, Dept Biomedical Science, Charles E. Schmidt College of Medicine

Panelists: **Qi Zhang, Ph.D.**, Associate Professor, Dept. Chemistry and Biochemistry, College of Sciences, Principal Investigator, The FAU Stiles-Nicholson Brain Institute, Scientific Director, The Nikon Center of Excellence at FAU; **Henriette van Praag, Ph.D.**, Associate Professor of Biomedical Sciences, Stiles-Nicholson Brain Institute, Charles E. Schmidt College of Medicine;

**Maureen K. Hahn, Ph.D.**, Research Associate Professor of Biomedical Science, Charles E. Schmidt College of Medicine, and FAU Stiles-Nicholson Brain Institute, Scientific Director, FAU Neurobehavior Core

2:05pm – 2:35pm

Clinical Research in ADRD

Panel Moderator: **Gregg B. Fields, Ph.D., FNAI**, Executive Director, Institute for Human Health & Disease Intervention (I-HEALTH), Co-Director, MCIFAU FDoH Cancer Center of Excellence, Professor, Department of Chemistry & Biochemistry

Panelists: **Khalid A. Hanafy, M.D., Ph.D.**, Research Associate Professor Biomedical Science, Charles E. Schmidt College of Medicine, Medical Director of the Neuro-ICU and Director of Research at the Marcus Neuroscience Institute, Boca Raton Regional Hospital; **Lisa Ann Kirk Wiese, PhD, MSN, RN, GERO-BC, PHNA-BC, CNE**, Associate Professor, Christine E. Lynn College of Nursing; **María de los Ángeles Ortega Hernández, DNP, APRN, GNP-BC, PMHNP-BC, CDP, FAANP, FAAN**, Associate Dean of Clinical Practice, Director, Louis and Anne Green Memory and Wellness Center, Professor, Practice-Teaching Track, Christine E. Lynn College of Nursing, Assistant Professor of Clinical Biomedical Science (Secondary), Charles E. Schmidt College of Medicine

2:35pm – 2:40pm

Break

2:40pm – 3:10pm

Technology Research in ADRD

Panel Moderator: **Jason Hallstrom, Ph.D.**, Executive Director I-SENSE and Professor, College of Engineering and Computer Science

Panelists: **Erik D. Engeberg, Ph.D.**, Professor, Ocean and Mechanical Engineering Dept., Associate Faculty: Center for Complex Systems & Brain Sciences; **Behnaz Ghoraani, Ph.D.**, Associate Professor, Department of Electrical Engineering and Computer Science; I-SENSE Faculty Fellow, Co-Director, Center for SMART Health; **Ruth M. Tappen, EdD, RN, FAAN**, Professor and Christine E. Lynn Eminent Scholar in Nursing, Christine E. Lynn College of Nursing; Fellow, American Academy of Nursing; Principal Investigator, In-Vehicle Sensors to Detect Cognitive Change in Older Adults, National Institute on Aging

3:10pm – 3:15pm

Closing Remarks

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