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)
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 Ghorani, 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