

J O I N U S F O R

FRONTIERS IN ALZHEIMER'S AND AGING RESEARCH (FrAAR)

A National Institutes of Health (NIH) &
National Institute of Aging (NIA)
sponsored research education program



May 12 – May 17, 2019
Hugh Gloster Building (Room B-219)

Monday, May 13, 2019
9: 00 a.m. Theme: Biology of Aging

Tuesday, May 14, 2019
9: 00 a.m. Theme: Models for Studying Aging

Wednesday, May 15, 2019
10: 15 a.m. Theme: Models for Studying Aging (con't)/Neuro-
degeneration and Brain Aging

Thursday, May 16, 2019
9: 00 a.m. Theme: Brain Aging & Alzheimer's Research

Friday, May 17, 2019
1: 00 p.m. Theme: Mentorship/Imposter Syndrome

Faculty, staff,
students, and
other members of
Atlanta Biomedical
community are
encouraged to
attend

*In partnership with National Institutes of Health/National Institute on Aging Magee-Women's
Research Institute and Foundation and Xavier University of Louisiana*

W E L C O M E T O

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Monday, May 13, 2019

Theme: Biology of Aging

9:00 a.m. Pioneer Lecture:

How healthy is the healthspan concept?

Matt Kaeberlein, Ph.D.-University of Washington, Seattle

9:45 a.m. Lecture:

Chronic obstructive pulmonary disease and the hallmarks of aging

Kristina Bailey, M.D.-University of Nebraska Medical Center, Omaha

10:30 a.m. Break

11:00 a.m. Lecture:

Cellular senescence and the biology of aging, disease, and frailty

Nathan LeBrasseur, MS, Ph.D.-Mayo Clinic, Rochester

12:00 p.m. Lunch

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Tuesday, May 14, 2019

Theme: Models for Studying Aging

9:00 a.m. Lecture:

Mice as a model organism to study aging

Laura Niedernhofer, M.D., Ph.D. - University of Minnesota, Minneapolis

9:45 a.m. Lecture:

African killifish as a model to identify new principles underlying vertebrate aging

B erenice Benayoun, Ph.D. - University of Southern California, Los Angeles

10:30 a.m. Break

11:00 a.m. Lecture:

Sea urchins as models for aging and regeneration research

Andrea Bodnar, Ph.D. - Gloucester Marine Genomics Institute, Gloucester

12:00 p.m. Lunch

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Wednesday, May 15, 2019

**Theme: Models for Studying Aging (con't)
/ Neurodegeneration and Brain Aging**

10:15 a.m. Lecture:

C. elegans as a model for aging research

Matt Gill, Ph.D. - Scripps Research Institute, Jupiter

11:00 a.m. Lecture:

Tau protein aggregation is associated with cellular senescence in
the brain

Miranda Orr, Ph.D. - UT Health San Antonio, San Antonio

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Thursday, May 16, 2019

Theme: Brain Aging & Alzheimer's Research

9:00 a.m. Lecture:

Parkinson's disease and aging: lessons from the environment
Gary Miller, Ph.D. - Columbia University, New York

9:45 a.m. Lecture:

Brain aging and Alzheimer's disease

Russell Swerdlow, M.D. - University of Kansas School of Medicine, Kansas City

10:30 a.m. Break

11:00 a.m. Lecture:

Understanding the impact of sex and gender in Alzheimer's disease:
a call to action

Michelle Mielke, Ph.D. - Mayo Clinic, Rochester

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Friday, May 17, 2019

Theme: Mentorship/Imposter Syndrome

Please note this is a closed session

1:00 p.m. Lecture:

Mentorship and sponsorship in the neurosciences and beyond
Nneka Ifejika, M.D., MPH - UT Southwestern Medical Center, Dallas

2:00 p.m. Lecture:
Imposter Syndrome

Jennifer Villwock, M.D. - University of Kansas Medical Center, Kansas City

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