

Commemorative Program



Celebrating



150 YEARS OF BIOLOGY AT HOWARD UNIVERSITY

1867 Botany

1992 Biology

1868 Zoology

1867 - 2017

March 6, 2017
6:30 pm to 9:00 pm
E.E. Just Hall
415 College Street, NW
Washington, DC 20059

Our Keynote Speaker: Dr. Kebreten Manaye

Dr. Mamaye's research program has focused on understanding the mechanisms that underlie neurological and neurodegenerative illnesses that are associated with brain aging. For these studies she uses a diverse range of stereological, neuroethnological, neuroimaging, biochemical, and behavioral approaches to understand normal aging of the brain, neuropathology of aging and comparative work aimed at elucidating neuronal mechanisms of dementia, depression, and other comorbidities. Additionally she has worked to examine the neurobiological substrates that degenerate in these conditions, and to develop potential approaches to treatment of affected patients utilizing animal, in vitro, and in vivo models. She has found a mouse model of Alzheimer's disease (AD) that exhibits similar neuropathology to that found in humans with AD and depression, and has delayed pathological progression with 17- α estradiol treatment.



In addition, her lab is working on examining the evolutionary differences in the cortex, hypothalamus and brainstem regions between apes and humans to understand the neuronal circuitry related to social bonding, emotions, and cognition in human and closely related primates' species. Humans and primates share 98 % of DNA homology which may provide insight into the neurobiological basis for human disorders.

FACULTY RESEARCH LABS OPEN DURING THE DEPARTMENTAL SESQUICENTENNIAL, 8:00 pm – 8:30 pm

Allen Lab: 236 Just Hall

Jackson Lab: 228B Just Hall

PHAGES Lab: 2nd floor, Just Hall

Burke Lab: 349 Just Hall

Hayes Lab: 326 Just Hall

Ghosh Lab: 408 Just Hall

GREENHOUSE: 4th floor, Just Hall

P R O G R A M

6:00 Electronic Guest Book Available for Signing

150TH ANNIVERSARY COMMEMORATION

6:30 pm Chair's Welcome (CM Lee, Ph.D.)

6:40 pm Overview of the Event (M. Lipscomb, Ph.D.)

6:45 pm Special Congratulations

7:00 pm *The History of Biological Sciences at Howard University* (W. Anderson, Ph.D.)

7:30 pm *The Story of Our Aging Brain: The Good, the Bad, and the Ugly* (Kebreten Manaye, MD) (introduced by A. Duttaroy, Ph.D.)

8:00 pm Reception in Atrium, Tours of faculty research labs and Greenhouse with Student Ambassadors, J'Aron Heard Band performs in Atrium

8:30 pm Outstanding Alumni Awards Presentations (M. Lipscomb, Ph.D.)

8:50 pm Results of Silent Auction (C. Robinson, Ph.D. and M. Campbell, Ph.D.)

8:55 pm Conclusions and Summary Thoughts (CM Lee, Ph.D.)

