



4:15 P.M.
OPENING KEYNOTE LECTURE

presented via Teams

Virginia Lee, Ph.D.

John H. Ware 3rd Endowed Professor in Alzheimer's Research, Director of the Center of Neurodegenerative Disease Research, University of Pennsylvania

TRANSMISSION OF MISFOLDED PROTEINS IN NEURODEGENERATIVE DISORDERS: A COMMON MECHANISM OF DISEASE PROGRESSION

Sponsors: Biochemistry & Molecular Biology Program, Health Professions Program, ASBMB student chapter, Future Health Professionals

October 28 **MONDAY**

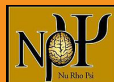
2024 LAKE FOREST COLLEGE

BRAIN MEDICAL MYSTERIES OF THE MIND
AWARENESS WEEK

BROUGHT TO YOU BY: Departments of Art, Biology, Education, Music, Philosophy, Psychology, and Theater, Programs in Biochemistry & Molecular Biology, and Neuroscience, Health Professions Program, Forest Bluff School, and students organizations: ASBMB, Psi Chi, Future Health Professionals.

ORGANIZED BY: Nu Rho Psi (Neuroscience Honor Society) and Synapse (the brain awareness student organization at Lake Forest College).

THANKS TO: The Offices of Printing Services, Communication and Marketing, Parkhurst Dining, and Library and Information Technology. Thanks to Rosemary Thomas '18 for the logo design.



4:15 P.M.
NU RHO PSI KEYNOTE LECTURE

presented via Teams

Gabrielle Starr, Ph.D.
President, Pomona College

WHY BRAINS CRAVE BEAUTY: LEARNING THE ARTS AND CREATIVITY

Sponsors: Philosophy, Art, English, Music, and Theater Departments

October 29

TUESDAY



4:15 P.M.
MIND AND SOCIETY DIALOGUE

in Tarble Room, Brown Hall

Dr. Adele Diamond, Ph.D.
Canada Research Chair Tier I Professor of Developmental Cognitive Neuroscience, University of British Columbia

TRANSLATING NEUROBIOLOGICAL INSIGHTS INTO HOW TO AID CHILDREN'S EXECUTIVE FUNCTIONS: HOW MONTESSORI HAD MUCH OF THIS RIGHT

Sponsors: The Forest Bluff School, Education and Psychology Departments, and Psi Chi

October 30

WEDNESDAY



LAKE FOREST COLLEGE

THURSDAY October 31

TWELFTH ANNUAL

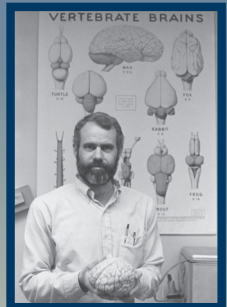
ROBERT B. GLASSMAN MEMORIAL Brain, Mind, and Behavior Symposium

7-9 P.M.

Faculty/Alumni Talks

All talks will in Tarble Room, Brown Hall

- **7 P.M. WELCOME REMARKS, SYNAPSE**
- **7:05 P.M. Hannah Carlson, Ph.D., Assistant Professor of Neuroscience & Psychology, Lake Forest College, "TRANQ-DOPE", A DEADLY COMBINATION: ASSESSING THE BEHAVIORAL AND PHARMACOLOGICAL IMPACT OF COMBINED FENTANYL AND XYLAZINE**
- **7:25 P.M. Saul Bello Rojas '16, Ph.D., Postdoctoral Fellow, Oregon Health Sciences University, DEVELOPMENT AND STRUCTURE OF MOTOR CONTROL IN SPINAL CORD**
- **7:45 P.M. Catherine Reedy, Ph.D., Assistant Professor of English, Lake Forest College, INFECTED BRAINS AND PESTILENT CONGREGATIONS IN SHAKESPEARE**
- **8:05 P.M. Sarah Applebey '18, Ph.D. Candidate in Neuroscience, University of Pennsylvania, ROOM FOR DESSERT?: SEX DIFFERENCES IN THE BRAINSTEM CONTROL OF THE "DESSERT STOMACH"**
- **8:25 P.M. D. Blaine Moore, Ph.D., Professor of Neuroscience, Lake Forest College, "MOLECULAR SCISSORS" AND ALZHEIMER'S DISEASE**
- **8:45 P.M. CLOSING REMARKS, SYNAPSE**



All events are **OPEN to the PUBLIC!**



DAY TWO OF ROBERT B. GLASSMAN MEMORIAL Symposium

4:00-6:30 P.M.

Undergraduate and Alumni Research Poster Session
Calvin Durand Hall, Mohr Student Center

CHICAGO SOCIETY FOR NEUROSCIENCE RECEPTION 4:00 P.M.

WELCOME REMARKS AND UNVEILING OF ANNUAL NEUROSCIENCE SCULPTURE 4:30 P.M.

POSTER VIEWING 4:45-6:10 P.M.

Enjoy posters and exhibits by current students and recent alumni of original student/faculty research conducted at Lake Forest, Rosalind Franklin University of Medicine and Science, Midwestern University, Northwestern University, University of Minnesota, Illinois Institute of Technology, and Rush University.

CLOSING CEREMONY 6:10 P.M.

Introduction, Nu Rho Psi
Closing Remarks for Brain Awareness Week and Glassman Symposium
Recognition of student scholars and celebratory photo

FRIDAY November 1