



Brain Awareness



Week Virtual Common



Hour Lecture Series



Monday 03/15/21 Virtual Panther Pad

Presenters: Dr. Mimi Phan
*Department of Psychology
School of Arts & Sciences
Rutgers University*



Title: Welcome to Brain Awareness Week: Dr. Mimi Phan

Description: Dr. Mimi Phan's investigations, under the mentorship of Dr. Gregg Recanzone, use non-human primates to study the cortical mechanisms subserving sound localization and temporal order processing. She continued her training with Dr. David Vicario at Rutgers University. There, using songbirds, she studies the molecular, neurophysiological, and behavioral mechanisms underlying the formation of auditory memories for important sounds. Additionally, in collaboration with Dr. Ben Samuels, Dr. Phan is also exploring the role that chronic social stress plays in exacerbating maladaptive behaviors in a mouse model of neurodevelopmental disorders.

Discussants:
The WiSE & EA Club

Registration Link: <https://tinyurl.com/pantherpad>

Tuesday 03/16/21 Virtual Panther Pad

Presenter: Dr. Erik Benau
*Dept. Psychology, SUNY Old Westbury
& SUNY- Neuroscience Research
Institute*



Title: Studying Cognition, Emotion, and Psychopathology using Event-Related Potentials

Description: Dr. Benau's research looks at the intersection of cognition, emotion, and psychopathology using psychophysiological methods (with a focus on Event-Related Potentials [ERPs]).

Discussant:
Neuro-Psych Club Members

Registration Link: <https://tinyurl.com/pantherpad>

Wednesday 03/17/21 Virtual Panther Pad

Presenter: Dr. Howard Sirotkin
*Dept. Neurobiology & Behavior
College of Arts & Sciences &
Renaissance School of Medicine at
Stony Brook University*



Title: NMDA_R in Neural Development and Disease.

Description: Dr. Sirotkin's research falls into three broad areas: (1) Elucidating the genetic and epigenetic interactions that govern proliferation and differentiation of neural stem cells and progenitors. (2) Developing animal models for human neural diseases including epilepsy, autism and Parkinson's. (3) Pioneering technologies to engineer chromosomes and modulate gene expression.

Discussant:
The Pre-Health Club

Registration Link: <https://tinyurl.com/pantherpad>

Thursday 03/18/21 Virtual Panther Pad

Presenter: Dr. Mary Kritzer
*Dept. Neurobiology & Behavior
College of Arts & Sciences &
Renaissance School of Medicine at
Stony Brook University*



Title: Sex and Sex Hormone Effects on Executive Memory Function in Rats: Implications for Health, Aging, and Neuropsychiatric Disease

Description: The work in the Kritzer laboratory explores the neurobiology that underlies the complex functions of the association cortices and the neurobiological bases for their dysfunction in disease. Her specific research direction takes its lead from the sex differences and gonadal hormone malleability that have been shown for the development, adult capacity, and the incidence and character of numerous diseases that affect association cortical function. Her work addresses fundamental questions about gonadal hormone stimulation of cortical/cognitive information processing on levels that range from molecules to behavior.

Discussant:
Neuro-Psych Club Members

Registration Link: <https://tinyurl.com/pantherpad>

