

**NUIN Graduates**  
Fall 2018 - Summer 2019

<b><u>Student Name</u></b>	<b><u>Title of Dissertation</u></b>	<b><u>Advisor</u></b>
<b>Spencer Brown</b>	Sensorimotor Processing and Control of Whisker Movements by Principal Neurons of the Cerebellum in Mice	<b>I. Raman</b>
<b>Andrew Chiu</b>	NMDAR-Activated PP1 Dephosphorylates GluN2B to Modulate NMDAR-Plasticity	<b>A. Sanz-Clemente</b>
<b>John Cooper</b>	The Formation And Properties Of Fibrotic Scarring After Spinal Cord Injury	<b>J. Kessler</b>
<b>Kendall Foote</b>	Phosphorylation of TRIP8b Modulates Binding to HCN Channels and is Dysregulated in Temporal Lobe Epilepsy	<b>D. Chetkovich G. Swanson</b>
<b>Natalie Frederick</b>	Understanding The Role Of Thap1 In The Nervous System: Linking Transcriptional Deficits To Pathological Alterations In Dystonia	<b>P. Opal</b>
<b>Ruoqi Gao</b>	The Role Of Mental Disorder Susceptibility Molecule Cntnap2 In Interneuron Function And Pathology	<b>P. Penzes</b>
<b>Anant Jain</b>	Latent sex differences in mechanisms of estradiol-induced excitatory synaptic potentiation in the hippocampus	<b>C. Woolley</b>
<b>Han Jiang</b>	Electrophysiological Dynamics Of Odor Coding In Human Olfactory Cortex	<b>J. Gottfried</b>
<b>Warren McGee</b>	Molecular and Computational Studies of TDP-43 and FUS Proteinopathies	<b>J. Wu</b>
<b>Christopher Mullens</b>	Voluntary Flexibility of Muscle Activity Phase After Stroke: Modulating Activity by Visual Feedback During Pedaling	<b>D. Brown</b>
<b>Maria Nguyen</b>	Synaptic Dysfunction Mediated By Mutant Lrrk2 In Parkinson's Disease Pathogenesis	<b>D. Krainc</b>
<b>Aneesha Nilakantan</b>	Recollection precision: Neural mechanisms and modulation via network-targeted brain stimulation	<b>J. Voss M. Mesulam</b>
<b>Daniel Ohm</b>	Neurobiological Basis Of In Vivo Cortical Atrophy In Primary Progressive Aphasia Caused By Alzheimer's Disease	<b>E. Rogalski C. Geula</b>
<b>Penelope Papalambros</b>	Acoustic Enhancement Of Sleep: A Tool To Boost Sleep-mediated Benefits On Memory And Autonomic Nervous System Functions In Aging	<b>P. Zee</b>

<b>Christine Remmers</b>	Development of GABAergic Inputs to Adult Born Dentate Granule Neurons in the Mouse Hippocampus	<b>A. Contractor</b>
<b>Laura Shanahan</b>	Odors As Reactivation Cues During Sleep: An Investigation Of Memory Outcomes And Neural Mechanisms	<b>J. Gottfried T. Kahnt</b>
<b>Anna Toth</b>	Store-Operated Calcium Channels in the Brain: Functions in Astrocytes and a Role in Learning and Memory	<b>M. Prakriya</b>
<b>Clarissa Valdez</b>	Lysosomal Dysfunction Due To Pgrn Mutations In Frontotemporal Dementia	<b>D. Krainc</b>
<b>Anil Wadhvani</b>	Endogenous Apolipoprotein E Modulates A Sporadic Alzheimer's Disease Phenotype In Human Stemcell-derived Neurons	<b>J. Kessler</b>
<b>Kevin Wilkins</b>	Neural Mechanisms Underlying Hand/Arm Impairment and Intervention-Induced Improvements Post-Stroke	<b>J. Yao</b>
<b>Wanting Zhong</b>	The Effect Of Incentives On Contributions From Model-based Learning Strategies: Individual Differences In Cognitive Traits And Neural Circuitry	<b>J. Grafman</b>