

**NUIN Graduates**

Fall 2016 - Summer 2017

<b><u>Student Name</u></b>	<b><u>Title of Dissertation</u></b>	<b><u>Advisor</u></b>
<b>Jad Barchini</b>	Functional Architecture and Visual Response Properties in the Mouse Superior Colliculus	<b>J. Cang</b>
<b>Sam Barnett</b>	Engaged Minds Think Alike: Neural Similarity in the Alpha Spectrum During Natural Stimuli Predicts Attention, Memory, and Purchasing Decisions	<b>M. Cerf</b>
<b>Sara Berger</b>	Predictive Mechanisms of Placebo Analgesia in Chronic Back Pain Patients	<b>A. Apkarian</b>
<b>C. Paula Lewis-de los Angeles</b>	Altered Neurodevelopment in Youth with Perinatally-Acquired HIV: Analyses of Grey Matter Spatial Distribution Patterns Using Structural Magnetic Resonance Imaging	<b>L. Wang</b>
<b>Chad Estep</b>	GABAB Modulation of Small-Conductance, Calcium-Activated Potassium Channels in Substantia Nigra Pars Compacta Dopaminergic Neurons	<b>D. Surmeier</b>
<b>Seoan Huh</b>	Alterations in the Active and Passive Properties of Adult Motoneurons in the mSOD1 Model of Amyotrophic Lateral Sclerosis	<b>CJ Heckman</b>
<b>Su-Wei Kuo</b>	S6K1 Inhibition-Mediated Changes in Motoneuron Properties in a Mouse Model of Amyotrophic Lateral Sclerosis	<b>CJ Heckman</b>
<b>Yiyun Lan</b>	Mechanisms Underlying the Flexion Synergy and Hand Dysfunction Following Stroke: Implications for Neuro-prosthetics	<b>CJ Heckman</b>
<b>Jared Levine</b>	Environmental Enrichment Rescues Binocular Matching in Mouse Primary Visual Cortex	<b>J. Cang</b>
<b>Kyle Lyman</b>	The TRIP8b-HCN Interaction as a Therapeutic Target	<b>D. Chetkovich</b>
<b>John Marshall</b>	The role of Kainate Receptors in Striatal Synaptic Plasticity, Development, and Behavior	<b>A. Contractor</b>

<b>Alexandria Melendez</b>	Regulation and Function of Striatal Nitric Oxide-Producing Interneurons	<b>D. Surmeier</b>
<b>Navid Nouri</b>	Morphogens and Transcription Factors Controlling the Progenitor Boundary and Genesis of Midbrain Dopamine Neurons	<b>R. Awatramani</b>
<b>Daniel Owens-Ream</b>	The Genetic Dissection of Sleep and Wakefulness - A Novel Route to a New Perspective on Sleep Wake Architecture	<b>F. Turek</b>
<b>Theeradej Thaweerattanasin</b>	Bursting Deep Dorsal Horn Neurons: Potential Contributor to Muscle Spasms	<b>CJ Heckman</b>
<b>Elif Tunc-Ozcan</b>	Epigenetic Mechanism and Treatment of Fetal Alcohol Exposure-Induced Memory Impairment and Metabolic Dysregulation	<b>E. Redei</b>
<b>Stephanie Valtierra</b>	Using [ <i>SWI<sup>1</sup></i> ] to Study Protein Misfolding, Aggregation and Amyloid Formation.	<b>L. Li</b>
<b>Xiao-Wen Yu</b>	CREB Overexpression Ameliorates Age-related Behavioral and Biophysical Deficits	<b>J. Disterhoft</b>