

NUIN Graduates

Fall 2013 - Summer 2014

<u>Student Name</u>	<u>Title of Dissertation</u>	<u>Advisor</u>
Caroline Freitag	The Peroxisome Proliferator-Activated Receptor Gamma Modulates Neuropathic Pain	R. Miller
Felix Nunez	Alterations of Voltage-dependent Calcium Channel Expression with Learning and Normal Aging	J. Disterhoft
Lili Zhou	Genetic Dissection of the Role of Casein Kinase 1-epsilon in Sleep, Mood and Metabolism	F. Turek
Agila Somasundaram	Store-operated calcium signaling in neural stem cells - Molecular and functional properties	M. Prakriya
Jinah Kim	Unipolar Brush Cells in Cerebellar Microcircuits	M. Martina
Rafiq Huda	Cellular and molecular mechanisms of respiratory control by the nucleus of the solitary tract	M. Martina
Lishu Duan	Using Human Induced Pluripotent Stem Cells for Alzheimer's Disease Modeling and Neural Development Studies	J. Kessler
Allison Bond	Bone Morphogenetic Protein Signaling Regulates the Tempo of Adult Hippocampal Progenitor Maturation at Multiple Stages of the Lineage	J. Kessler
Marisa Jackson	A neuron-autonomous role for Elp1 in migration-independent sensory and sympathetic target tissue innervation	W. Tourtellotte
Jing-Nong Liang	Control of foot-forces, muscle activity coordination and H-reflex gain modulation during postural-loaded and non-postural loaded locomotion in individuals post-stroke.	D. Brown
Katherine Blizinsky	Macroscopic and Microscopic Gray Matter Aberrations in Schizophrenia: Temporal Dynamics, Cognitive Correlates, and Genetic Agency	L. Wang
Janitza Ortiz	Epigenetic modulation of antipsychotic drug action in aged mice	H. Dong
Giulia Quattrococo	Integration of Cajal-Retzius cells in the developing hippocampal network	G. Maccaferri
Carmen Capo-Lugo	Neuromechanical Factors that Limit Walking Speed in Individuals with Post-Stroke Hemiparesis	D. Brown
Bradley Patterson	Neural Basis of a Goal-Directed Visuomotor Behavior in Larval Zebrafish (<i>Danio rerio</i>)	D. McLean and M. Maclver
Liuliu Pan	Mechanisms regulating astroglialogenesis and development of therapies for spinal cord injury	J. Kessler

Nicholas Bowman	Orbitofrontal Cortex Involvement in Olfactory Decision-Making in Humans	J. Gottfried
Derek Miller	Vestibular Pathway Contributions to Post-Stroke Spastic Hypertonia	Z. Rymer
Wei-Chun Wang	Descending control of motor patterns during visual behaviors in larval zebrafish	D. McLean
Shoai Hattori	Longitudinal Characterization of Hippocampal, Prefrontal, and Anterior Thalamic Neural Activity during Consolidation of Associative Memories	J. Disterhoft
Xinyu Zhao	Functional Analysis of the Mouse Visual System	J. Cang