

**Fall 2016**  
**GMS 6792 - GRADUATE RESEARCH SEMINAR**  
**11:00 am - 12:00 pm**  
**Wednesday in Room C1-7**  
**Course Director: Harry Nick, Ph.D.**

Date	Speaker	Title
Aug 24	<b>Matt Hamm</b>	A LRRK2-targeted tau epitope may reveal novel tau pathology
	<b>Sruti Rayaprolu</b>	ATP13A2 as a pathogenic link between Parkinson's disease and lysosomal storage diseases
Aug 31	<b>Barbara Perez</b>	Factors contributing to reduced penetrance in SCA8
	<b>Amrutha Pattamatta</b>	Understanding the neuropathology and disease mechanisms in a BAC mouse model of C9orf72 ALS/FTD
Sept 7	<b>CANCELLED</b>	
Sept 14	<b>Ruan Oliveira</b>	Novel strategies to model microsatellite expansion diseases
	<b>Christina Moloney</b>	Dissecting the role of Matrin 3 in amyotrophic lateral sclerosis and distal myopathy using transgenic mice
	<b>Latoya Allen</b>	Respiratory Spinal Circuitry Following Cervical Spinal Cord Injury
Sept 21	<b>Sarah Burke</b>	Neural Substrates of Cognitive Fatigue and Fatigability in Older Adults
	<b>Nicole Nissim</b>	The cognitive stimulation study: methodology for investigating the short-term effects of tDCS on working memory in older adults
	<b>Abigail Hernandez</b>	A ketogenic diet promotes positive health outcomes in aged rats
Sept 28	<b>Michael Pace</b>	Secondary Protein Misfolding and its Alleviation in a Mouse Model of Tauopathy
	<b>Caesar Hernandez</b>	Circuit and Molecular Mechanisms of Impulsive Choice
	<b>Ye Zhou</b>	Delineating the role of PMP22 in cholesterol trafficking
Oct 5*	<b>Kevin Strang</b>	A Unique Amino Acid Motif Important for Tau Aggregation and Seeding
	<b>Costa Kyritsopoulos</b>	NMDAR Hypofunction and Age-Related Memory Impairment
	<b>Janak Gaire</b>	Novel mouse model to study cellular response to intracortical devices
	<b>Caleb Bostwick</b>	Differential Gene Expression in Plural Sensory Neurons after Drug Treatment in <i>Aplysia californica</i>
	<b>Emily Dabe</b>	Profiling serotonergic neurons across behavioral arousal states in <i>Pleurobranchaea californica</i>
	<b>Gabrielle Winters</b>	Neuronal diversity: thinking outside the skull
Oct 12*	<b>1<sup>st</sup> Year Rotations</b>	Rotation 1 Presentations
Oct 19	<b>Kelly DeMars</b>	Effect of Decernotinib in a Rodent Model of Ischemic Stroke
	<b>Joe Lebowitz</b>	Characterizing the relationship between Kv2.1 and the dopamine in the context of selective neuronal vulnerability
	<b>Niousha Ahmari</b>	Creating a defined ex-vivo microglia culture system more reflective of an <i>in vivo</i> state
Oct 26	<b>Robert Eisinger</b>	Neural correlates of cognition in Parkinson's disease
	<b>Seth Currllin</b>	Towards improving control of neuroprosthetics
	<b>Shelby Blaes</b>	The effects of dopamine D2 and D3 receptors on risky decision making

Nov 2	<b>Jolie Barter</b>	Systematic Inflammation Contributes to Cognitive Impairment Associated with Senescence
	<b>Hunter Futch</b>	Corticotropin Releasing Hormone as an immunotherapeutic target in Alzheimer's Disease
	<b>Eric Atkinson</b>	
Nov 9	<b>Shangru Lyu</b>	Dopamine and unc-62 modulate egg-laying deficits in hpo-9 knockout C. elegans
	<b>Doug Miller</b>	Ostensible loss of dopaminergic neurons without microglial activation following induction of HIV-1 Tat
	<b>Alicia Schwieterman</b>	
Nov 16	<b>NO SEMINAR</b>	SfN November 12-16 in San Diego, CA
Dec 7	<b>Jess Dhillon</b>	
	<b>Marissa Ciesla</b>	
	<b>Marshall Goodwin</b>	
Dec 14*	<b>1<sup>st</sup> Year Rotations</b>	Rotation 2 Presentations

*\*Class will go until 1:00pm on these dates*