

Neurobehavioral Genetics Retreat Schedule

Tuesday, April 29, 2025

8:00 am - 5:30 pm

8:00 AM - 9:00 AM	Continental Breakfast
9:00 AM	Welcome and Introduction Carrie Bearden, PhD
Patrick Chen, PhD, will be moderating the Q&A sessions between 9:05 AM - 10:15 AM	
9:05 AM - 9:25 AM	<i>"Correlates of coordinated cortical development in young people at risk for psychosis"</i> Dylan Hughes (PI: Carrie Bearden)
9:30 AM - 9:50 AM	<i>"Socioeconomic and geographic disparities in outcomes of psychiatric care under Colombia's universal healthcare system"</i> Greta Gerdes (PI: Loes Olde Loohuis)
9:55 AM - 10:15 AM	<i>"Excitatory and inhibitory population dynamics during cortical network desynchronization in development"</i> Michelle Wu (PI: Carlos Portera-Cailliau)
10:15 AM - 10:30 AM	Break (15 minutes)
Leanna Hernandez, PhD, will be moderating the Q&A sessions between 10:30 AM - 11:40 AM	
10:30 AM - 10:50 AM	<i>"Genetic and behavioral mechanisms of sex differences in sleep recovery after stress"</i> Micah Ralston (PI: Ketema Paul)
10:55 AM - 11:15 AM	<i>"Mapping Convergence in Neuropsychiatric Disease: High-Throughput characterization of Glutamatergic Neurons Harboring Perturbations across 50 Distinct Genes"</i> Jacqueline Martín (PI: Daniel Geschwind)
11:20 AM - 11:40 AM	<i>"Microglia exposed to human brain-derived substrates exhibit heterogeneous response dependent on disease status"</i> Gregory Rosenberg (PI: Jessica Rexach)

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11:40 AM - 11:55 AM	Break (15 minutes)
11:55 AM	Introduction to Keynote Speaker Nelson Freimer, MD
12:00 PM - 1:00 PM	<i>"Making Cognitive Neuroscience More Reproducible"</i> Russell A. Poldrack, PhD Chair and Professor Department of Psychology at Stanford University
1:00 PM	Introduction to Ethics discussion Aaron Panofsky, PhD
1:05 PM - 2:35 PM	Lunch Interactive Session on Ethics and Responsible Conduct of Science
<i>Michael Wells, PhD, will be moderating the Q&A sessions between 2:45 PM - 4:20 PM</i>	
2:45 PM - 3:05 PM	<i>"Gestalt genetics: solutions to some overlooked problems"</i> Jeremy Wang (PI: Noah Zaitlen)
3:10 PM - 3:30 PM	<i>"Investigating the contribution of sex-differential gene expression patterns in different brain regions to sex differences in autism spectrum disorder"</i> Ramin Ali Marandi Ghoddousi (PI: Daniel Geschwind)
3:35 PM - 3:55 PM	<i>"Identification of regional and cell type-specific gene dysregulation in Progressive Supranuclear Palsy"</i> Jennifer Grundman (PI: Daniel Geschwind)
4:00 PM - 4:20 PM	<i>"Identifying behavioral correlates of mental health through consumer electronic devices"</i> Darsol Seok (PI: Nelson Freimer)
4:25 PM	Closing Remarks Roel Ophoff, PhD
4:30 PM - 5:30 PM	Reception <div> Bar service will stop at 5:30 pm in compliance with venue guidelines. The venue will close at 6 pm sharp. </div>