

# Neurobehavioral Genetics Retreat Schedule

Tuesday, May 7, 2024

8:00 am - 5:30 pm

8:00 AM - 9:00 AM	Continental Breakfast
9:00 AM	Welcome and Introduction Roel Ophoff, PhD
Loes Olde Loohuis, PhD will be moderating the Q&A sessions between 9:05 AM - 10:15 AM	
9:05 AM - 9:25 AM	<i>"Investigating dynamics of sex differences in sleep homeostasis"</i> <b>Micah Ralston</b> (PI: Ketema Paul)
9:30 AM - 9:50 AM	<i>"Alterations in chromatin accessibility and conformation in the brain reveal genetic mechanisms in ASD"</i> <b>Jiani Yin, PhD</b> (PI: Daniel Geschwind)
9:55 AM - 10:15 AM	<i>"Impacts of Sleep Genetic Variability on Neurodevelopment in Infancy"</i> <b>Emily Chiem</b> (PI: Mirella Dapretto)
10:15 AM - 10:30 AM	Break (15 minutes)
Mirella Dapretto, PhD will be moderating the Q&A sessions between 10:30 AM - 11:40 AM	
10:30 AM - 10:50 AM	<i>"Computationally-defined phenotypes from images"</i> <b>Jeremy Wang</b> (PI: Noah Zaitlen)
10:55 AM - 11:15 AM	<i>"Population dynamics during cortical network desynchronization in development"</i> <b>Michelle Wu</b> (PI: Carlos Portera-Cailliau)
11:20 AM - 11:40 AM	<i>"Transcriptional Profiling of Antidepressant Ketamine Treatment"</i> <b>Artemis Zavaliangos-Petropulu, PhD</b> (PI: Katherine Narr & Roel Ophoff)
11:40 AM - 11:55 AM	Break (15 minutes)

11:55 AM	<p><b>Introduction to Keynote Speaker</b></p> <p>Nelson Freimer, MD</p>
12:00 PM - 1:00 PM	<p><i>"Missing Heritability and Genetic Ancestry for Mendelian and Complex Traits"</i></p> <p><b>Neil Risch, PhD</b></p> <p>Lamond Family Foundation Distinguished Professor in Human Genetics</p> <p>Professor of Epidemiology &amp; Biostatistics</p> <p>Founding Director, Institute for Human Genetics</p> <p>UC San Francisco</p>
1:00 PM	<p><b>Introduction to Lunch Interactive Session</b></p> <p>Carrie Bearden, PhD</p>
1:05 PM - 2:35 PM	Lunch Interactive Session on Ethics and Responsible Conduct of Science
<p><b>Peyman Golshani, MD will be moderating the Q&amp;A sessions between 2:45 PM - 4:20 PM</b></p>	
2:45 PM - 3:05 PM	<p><i>"Mental health across the digital phenome"</i></p> <p><b>Darsol Seok</b></p> <p>(PI: Nelson Freimer)</p>
3:10 PM - 3:30 PM	<p><i>"Thalamic input during development drives cortical cell fate specification in fused organoids"</i></p> <p><b>Claudia Nguyen</b></p> <p>(PI: Aparna Bhaduri)</p>
3:35 PM - 3:55 PM	<p><i>"Analysis of clinical features in patients with SMI"</i></p> <p><b>Greta Gerdes</b></p> <p>(PI: Loes Olde Loohuis)</p>
4:00 PM - 4:20 PM	<p><i>"Neuroimaging of Social Circuits"</i></p> <p><b>Samara (Miller) Hecht, PhD</b></p> <p>(PI: Peyman Golshani)</p>
4:25 PM	<p><b>Closing Remarks</b></p> <p>Carrie Bearden, PhD</p>
4:30 PM - 5:30 PM	<p><b>Reception</b></p> <p>Bar service will stop at 5:30 pm in compliance with venue guidelines.</p> <p>Venue will close at 6 pm sharp.</p>