

2019 Neurobehavioral Genetics Retreat

Annenberg Community Beach House
415 Pacific Coast Hwy
Santa Monica, CA 90402

April 18, 2019 (Thursday), 8 am – 5:40 pm

8:00 - 8:30 AM	Continental Breakfast
8:40 - 8:50 AM	Nelson Freimer: <i>Introduction</i>
8:55 - 9:15 AM	<u>Mitchell Krawczyk</u> : <i>"Human astrocyte transcriptomes in health and disease"</i>
9:20 - 9:40 AM	<u>Rob Brown</u> : <i>"The within-gene distribution of predicted deleterious variation is shaped by regulatory-coding variant interactions and can be leveraged for gene-prioritization"</i>
9:40 - 9:55 AM	Break
10:00 - 10:20 AM	<u>Sam LoCascio</u> : <i>"Transcriptional control of shared wiring features across neural subtypes"</i>
10:25 - 10:45 AM	<u>Blake Madruga</u> : <i>"Developing Miniature Multi-Photon Microscopy Tools for Imaging Freely-Behaving Models of Neurobehavioral Disorders"</i>
10:45 - 10:55 AM	Break
11:00 - 12:15 PM	Keynote Speaker – Daniel Benjamin, Ph.D., Associate Professor (Research) of Economics, Center for Economic and Social Research Department of Economics, University of Southern California <i>"Polygenic Scores and the Future of Social-Science Genetics"</i>
12:20 - 12:30 PM	Introduction to Ethics discussion – Carrie Bearden
12:30 - 2:00 PM	Lunch: Interactive session on ethics and responsible conduct of science
2:10 - 2:30 PM	<u>Elizabeth Cooke</u> : <i>"Neural circuit correlates of social hierarchy"</i>
2:35 - 2:55 PM	<u>Bryce Bajar</u> : <i>"Cell-type specific patterned stimulus-independent neuronal activity in the Drosophila visual system during synapse formation"</i>
2:55 - 3:15 PM	Break
3:20 - 3:40 PM	<u>Juan De la Hoz</u> : <i>"Phenotyping from Electronic Health Records"</i>
3:45 - 4:05 PM	<u>Nick Mancuso</u> : <i>"A framework for integrating eQTLs and GWAS summary data to identify causal genes"</i>
4:05 - 4:25 PM	<u>Chris Hartl</u> : <i>"Using gene co-expression networks to test the omnigenic hypothesis of disease"</i>
4:30 PM	Dan Geschwind: <i>Closing remarks</i>
4:40 - 5:40 PM	Light Dinner/Reception