



# BAY AREA POPULATION GENOMICS X

Stanford University • May 24, 2014

## Schedule of Events

<b>Registration &amp; Light Breakfast in the Courtyard</b>	9:00am-10:00am
<i>Opening Remarks</i> <b>Dmitri Petrov</b> , Department of Biology, Stanford University	10:00am-10:10am
<i>Staggered sweeps: The obstruction of adaptation in diploids by recessive, strongly deleterious alleles</i> <b>Zoe June F. Assaf</b> (Stanford University)	10:10am-10:30am
<i>Origin and spread of de novo genes in Drosophila populations</i> <b>Li Zhao</b> (UC Davis)	10:30am-10:50am
<i>Mutational and fitness landscapes of an RNA virus revealed through population sequencing</i> <b>Ashley Acevedo</b> (UCSF) Leonid Brodsky (University of Haifa), Raul Andino (UCSF)	10:50am-11:10am
<b>Coffee-Break in the Courtyard</b>	11:10am-11:40am
<i>The Characteristics of Genetic Variants that Impact Gene Expression</i> <b>Dave Yuan</b> (Stanford University)	11:40am-11:48am
<i>The limits to parapatric speciation: Dobzhansky-Muller incompatibilities in the presence of gene flow</i> <b>Claudia Bank</b> (École Polytechnique Fédérale de Lausanne)	11:48am-11:56am
<i>Comparative genomics of minor spliceosomal introns: functions and origins</i> <b>Graham E. Larue</b> , Andy Madrid, Cameron N. Everson, Scott William Roy (SFSU)	11:56am-12:04pm
<i>The genetic basis of environmental adaptation in house mice</i> <b>Megan Phifer-Rixey</b> , Ke Bi, Rachel Thayer, Sara M. Keeble, Jeffrey M. Good, Michael W. Nachman (UC Berkley)	12:04pm-12:12pm
<i>Genomic evidence for lack of pre-zygotic species barrier between chimpanzees and bonobos</i> <b>Sam Vohr</b> (UC Santa Cruz)	12:12pm-12:20pm
<i>To be or not to be diverse? Dilemmas of viral populations</i> <b>Adi Stern</b> (UC Berkeley & UCSF)	12:20pm-12:28pm
<i>Population genomics using a model microbiome</i> <b>Will Ludington</b> (UC Berkeley)	12:28pm-12:36pm
<i>Unraveling Autism: a crowdsourced clinical trial to sequence microbiome and human exome</i> <b>Maude M. David</b> , Dennis Wall (Stanford University)	12:36pm-12:44pm

<b><i>Lunch in the Courtyard</i></b>	12:45pm-1:45pm
<i>Precise Estimates of Mutation Spectrum from Population Genomics Data</i> <b>Yuan Zhu</b> (Stanford University)	1:45pm-2:05pm
<i>The genomic landscape of Neandertal ancestry in present-day humans</i> <b>Sriram Sankararaman</b> , Swapan Mallick, Michael Dannemann, Kay Prüfer, Janet Kelso, Svante Pääbo, Nick Patterson, David Reich (Harvard University)	2:05pm-2:25pm
<i>Self-Identification in 21st Century America: Mapping the Intersection of Population Genetics and Social Demography</i> <b>Jill A. Hollenbach</b> (Children's Hospital Oakland Research Institute ), Aliya Saperstein (Stanford University), Mark Albrecht (National Marrow Donor Program), Abeer Madbouly (National Marrow Donor Program), Peter Parham (Stanford University), Paul J. Norman (Stanford University), Martin Maiers (National Marrow Donor Program).	2:25pm-2:45pm
<i>Direct-To-Consumer Genetic Testing Provides Insight into the Demographics of the United States</i> <b>Yong Wang</b> , Julie M. Granka, Jake K. Byrnes, Keith Noto, Ross E. Curtis, Natalie M. Myres, Mathew J. Barber, Catherine A. Ball, Kenneth G. Chahine (Ancestry DNA)	2:45pm-3:05pm
<b><i>Poster Session with Wine &amp; Cheese Reception</i></b>	3:05pm-4:30pm

*Registration and Meeting Location: Alway Building M106 & Alway Courtyard*

*For more information, see the BAPGX Website <http://evolgenomecehg.wordpress.com/bapgx/>*