

VIIIth Bay Area Population Genomics Conference

Sponsored by Ancestry.com, QB3 at UCSF, and Stanford Center for Computational, Evolutionary, and Human Genomics

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Registration is FREE but REQUIRED

Date: June 8, 2013

Place: [Byers Auditorium in Genentech Hall at UCSF Mission Bay campus](#)

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June 3rd** [Attendee List](#)

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SCHEDULE

9:00 AM	Breakfast Buffet	
9:30 AM	Michael Palmer, Stanford, Feldman Lab	Gene regulatory networks have a predictive long-term fitness
9:50 AM	Raquel Assis, Berkeley, Bachtrog Lab	Evolution of novel phenotypes by gene duplication
10:10 AM	Chris Baker, UCSF, Johnson Lab	Evolution of transcriptional circuits is constrained by paralog interference following gene duplication
10:30 AM	Coffee Break	
10:50 AM	Jamie Blundell, Stanford, Petrov/Fisher Labs	Tracking evolutionary dynamics with 500,000 DNA barcodes
11:10 AM	Matthias Steinrücken, Berkeley, Song Lab	Inferring demographic history from genomic sequence data under the structured coalescent with recombination
11:30 AM	Zach Szpiech, Hernandez Lab, UCSF	Long runs of homozygosity are enriched for deleterious variation
11:50 AM	Lunch (register if you would like to get food!) and Posters	
1:00 PM	Yuan Zhu, Stanford, Petrov Lab	Spontaneous mutation spectrum in yeast
1:20 PM	Oana Carja, Stanford, Feldman Lab	Evolution in changing environments: variation as an adaptive response
1:40 PM	Laurie Stevison, UCSF, Wall Lab	Comparison of fine-scale and broad-scale recombination rates across great apes
2-3 PM	POSTERS:	
	Scott Roy, Roy Lab, SFSU	Various stories about splicing
	Jeremy Hsu, Hadly Lab, Stanford	Population genomics of the tuco-tuco
	Pleuni Pennings, Stanford, Petrov Lab	The role of drug penetration in the evolution of multi-drug resistance
	Chris Gignoux, UCSF, Burchard Lab	The role of ancestry in identifying risk factors for asthma
	Lawrence Uricchio, UCSF, Hernandez Lab	Parameter rescaling for forward simulations of recurrent hitchhiking
	Nicolas Strauli, UCSF, Hernandez Lab	The antibody repertoire before and after selection