

## BAPG Schedule and Logistics

<b>Location</b>	Baskin Engineering, UCSC Campus, Santa Cruz, CA		
<b>Parking</b>	Core West Parking Structure, UCSC Campus, Santa Cruz, CA		
<b>Directions From 17 Sou</b>	<a href="https://goo.gl/maps/4mDK6RJHtrQ2">https://goo.gl/maps/4mDK6RJHtrQ2</a>		
<b>Schedule</b>			
<b>Item</b>	<b>Speaker</b>	<b>Title</b>	<b>Time</b>
<b>Welcome Breakfast + Coffee</b>			9
15 minute	Benedict Paten	Population aware mapping	10
15 minute	David Enard	Detecting ancient epidemics in human evolution	10:15
15 minute	Eric C Anderson	Estimates of genotyping error from published reduced representation genotype-by-sequence data	10:30
15 minute	Lawrence Uricchio	Estimating adaptation rate under complex evolutionary scenarios	10:45
<b>30 minute coffee break</b>			11
15 minute	Priya Moorjani	Insights into Human-Neanderthal admixture using ancient Eurasian genomes	11:30
15 minute	John Carlos Garza	Microhaplotypes: Or how I learned to stop worrying and love the data.	11:45
15 minute	Vince Buffalo	A Temporal Signal of Linked Selection	12
15 minute	C. Eduardo Amorim	Using Ancient DNA to Study Medieval Barbarian Migrations	12:15
<b>1 hour lunch break</b>			12:30
15 minute	Gaia Andreoletti	The Critical Assessment of Genome Interpretation (CAGI)	1:30
15 minute	Shelbi Russell	Frequent Horizontal Trasmision and Recombination Maintains Ever-Young Endosymbiont Genomes	1:45
15 minute	Jason Fernands	KRAB Zinc Finger Proteins ZNF649 and ZNF93 coordinate across evolutionary time scales to battle retroelements	2
15 minute	Shiya Song	Detailed characterization of demographic history in the United States	2:15
5 Minute Lightening	Sharon Greenblum	Tracking parallel seasonal adaptation in Drosophila melanogaster populations	2:30
5 Minute Lightening	Jazlyn Mooney	Complexity of genetic diversity in Latin American population isolates	2:35
5 Minute Lightening	Darrin Schultz	Novel ORFs in the mitochondria of the ctenophore, Beroe forskalii	2:40
5 Minute Lightening	Paloma Medina	Estimating the prevalence of Wolbachia across arthropod and nematode taxa	2:45
5 Minute Lightening	Nedda Saremi	A Complete Genome and Comparative Population Genomics of the Mountain Lion	2:50
5 Minute Lightening	David Alvarez-Ponce	Disulfide bonds enable accelerated protein evolution	2:55

**Poster Session + Reception**

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Poster	Grant Kinsler	Uncovering the genotype-phenotype-fitness map of microbes adapting to novel environments	
Poster	Jackie Roger	Profiling Reference-Based Alignments of Wolbachia Endosymbionts	
Poster	Grant Kinsler	Inferring the phenotypic space of adaptation	
Poster	Sandra Hui	Inference of Tumor Evolution through Single Cell Whole Genome Sequencing	
Poster	Dat Mai	The evolutionary history of the <i>Drosophila nasuta</i> subgroup	
Poster	Julianne N Pelaez	The genetic architecture and evolution of a cutting ovipositor in an herbivorous drosophilid	
Poster	Kirsten Verster	Horizontal gene transfer in <i>Drosophila</i>	
Poster	David Turissini	Characterizing Heterogeneity within Fine-scale Population Structure	
Poster	Ryan Lorig-Roach	Variant Identification with a Deep Neural Network	
Poster	Kerry Reid	Tracking secondary contact and introgression of divergent fish lineages with microhaplotypes and large-scale parentage inference	