

## Conference Schedule at a Glance

SATURDAY	
8:15 – 9:00	Breakfast (Cafeteria)
9:00 – 9:15	Welcome (Commons)
9:15 – 10:30	Talk Session 1 (Commons)
10:30 – 11:45	Poster Session 1 (Bldg. 204)
11:45 – 12:45	Talk Session 2 (Commons)
12:45 – 1:45	Lunch (Cafeteria)
2:00 – 3:30	Talk Session 3 (Commons)
3:30 – 4:45	Poster Session 2 (Bldg. 204)
4:45 – 6:30	Talk Session 4 (Commons)
7:00 – 8:00	Dinner (Cafeteria)
8:30 – 9:00	Awards (Bldg. 204)
9:00 – 12:00	Mixer (Bldg. 204)

SUNDAY	
8:15 – 9:00	Breakfast (Cafeteria)
9:00 – 10:00	Plenary by <b>Professor Sarah Otto</b> (Commons)
10:00 – 11:00	Coffee break (Bldg. 204)
11:00 – 12:30	Talk Session 5 (Commons)

## Full Talk Schedule

TALK SESSION 1: THE GENETIC UNDERPINNINGS OF EVOLUTION (“Talk about my gene-ration”)		
SATURDAY, 9:15AM – 10:30AM		
9:15 – 9:30	Experimental evidence for variation in mutation rate due to condition-dependent DNA repair	<b>Nathaniel Sharp</b> , Aneil F. Agrawal
9:30 – 9:45	Genetic basis of an evolved acute stress response in the nematode <i>Caenorhabditis remanei</i>	<b>Christine H. O’Connor</b> , Kristin L. Sikkink, Janna Fierst, John Willis, Patrick C. Phillips
9:45 – 10:00	The relationship between plasticity of robustness	<b>Remi Matthey-Doret</b> , Jeremy A. Draghi, Michael C. Whitlock
10:00 – 10:15	Plasmid persistence in <i>Acinetobacter baumannii</i> in biofilms and liquid cultures	<b>Genevieve Metzger</b> , B. Ridenhour, T. Stalder, M. Settles, J. Millstein, K. Gliniewicz, M. France, L. Forney, E. Top
10:15 – 10:30	Genetic interactions between beneficial mutations in <i>Saccharomyces cerevisiae</i>	<b>Jasmine Ono</b> , Aleeza C. Gerstein, Sarah P. Otto

*Moderator: Devin Drown*

TALK SESSION 2: EVOLUTION AND MATING SYSTEMS (“G’day mate”)		
SATURDAY, 11:45AM – 12:45PM		
11:45 – 12:00	Plant dispersal in fragmented landscapes: from pollen flow in a tropical tree to seed dispersal in Pacific Northwest prairies	<b>Pamela G. Thompson</b>
12:00 – 12:15	Male fruit flies use redundant female cues to make rational mate choices	<b>Devin Arbuthnott</b> , Daniel Promislow
12:15 – 12:30	Plant mating system influences island biogeography and range size	<b>Dena Grossenbacher</b> , Jeremiah Busch
12:30 – 12:45	Inbreeding depression and the spread of selfing in polyploids	<b>Nathan Layman</b> , Jeremiah Busch

*Moderator: Verónica Di Stilio*

TALK SESSION 3: FROM POPULATION GENETICS TO POPULATION GENOMICS (“Pop over any time”)		
SATURDAY, 2:00PM – 3:30PM		
2:00 – 2:15	Source-sink dynamics in naturally re-established Pacific Northwest wolves	<b>Sarah Hendricks</b> , Rena Schweizer, Robert Wayne, Paul Hohenlohe
2:15 – 2:30	Clinal analysis of morphological and genetic variation in a Joshua tree hybrid zone	<b>Anne M. Royer</b> , Sean Stankowski, Christopher I. Smith
2:30 – 2:45	RAD genealogies highlight the role of ancient genomic variation during rapid adaptation in a threespine stickleback population	<b>Thomas C. Nelson</b> , William A. Cresko
2:45 – 3:00	Hox cluster variation and axial elongation of the Gulf Pipefish	<b>Allison Fuiten</b> , Susan Bassham, Emily Beck, Julian Catchen, Clayton Small, Adam Jones, William Cresko
3:00 – 3:15	Rapid evolutionary response to a transmissible cancer	<b>Brendan Epstein</b> , R. Hamede, S. Hendricks, M. Jones, H. McCallum, E. Murchison, B. Schönfeld, C. Wiench, P. Hohenlohe, A. Storfer
3:15 – 3:30	The genomic response to adaptation from standing genetic variation in experimental yeast populations	<b>Tyler D Hether</b> , Amanda Stahlke, Paul Hohenlohe

*Moderator: Omar Cornejo*

TALK SESSION 4: EVOLUTION IN THE TANGLED BANK (“Take it to the bank”)		
SATURDAY, 4:45PM – 6:30PM		
4:45 – 5:00	In stressful times, make new friends: Nutrient limitation drives the evolution of metabolic dependencies	<b>Robin Green</b> , Hanbing Mi, Wenying Shou
5:00 – 5:15	Sanctions, partner recognition, and variation in mutualistic symbiosis	<b>Jeremy B. Yoder</b>
5:15 – 5:30	Even evolution gets the blues	<b>Brian D. Connelly</b> , Sarah P. Hammarlund, Katherine J. Dickinson, and Benjamin Kerr
5:30 – 5:45	Cooperation between distinct viral variants promotes growth of H3N2 influenza in cell culture	<b>Katherine S. Xue</b> , Kathryn Hooper, Anja Ollodart, Adam Dingens, Jesse D. Bloom
5:45 – 6:00	Disentangling Darwin’s tangled bank with computational and microbial evolution experiments	<b>Luis Zaman</b> , Benjamin Kerr
6:00 – 6:15	The role of ploidy in host resistance	<b>Christina Jenkins</b> , Scott Nuismer, Mark Dybdahl
6:15 – 6:30	When predators help prey persist: the evolutionary hydra effect	<b>Matthew Osmond</b> , Christopher Klausmeier

*Moderator: Wenying Shou*

TALK SESSION 5: FACULTY MINI-SYMPOSIUM (“Have your faculties about you?”)		
SUNDAY, 11:00AM – 12:30PM		
11:00 – 11:15	Reconstructing the ancestral role of a key transcription factor involved in flowering	<b>Verónica S. Di Stilio</b> , Kristen Hewett Hazelton, Melissa J. Wong
11:15 – 11:30	Dissecting the causes of natural variation in protein expression dynamics	<b>Dan Pollard</b> , Ciara Asamoto, Austin Abendroth
11:30 – 11:45	Genome-wide patterns of genetic polymorphism and signatures of selection in <i>Plasmodium vivax</i>	<b>Omar E. Cornejo</b> , David Fisher, Ananias A. Escalante
11:45 – 12:00	Bet hedging in yeast responses to osmotic stress	Yoshikazu Hirate, Samuel Bottani, <b>Suzannah Rutherford</b>
12:00 – 12:15	Runaway nuclear-mitochondrial coadaptation leaves behind a residue of genomic conflict	<b>Devin Drown</b> , Michael Wade
12:15 – 12:30	Experimental evolution of incipient cooperation provides direct support for social evolution theory	Chichun Chen, Sam Hart, Jose Pineda, <b>Wenying Shou</b>

*Moderator: Dan Pollard*