

**Monday, August 17**

4:00-8:00	Check-in	Welcome Center
6:00-8:00	Welcome Reception	Welcome Center
8:00-10:00	Poster Session	Welcome Center

**Tuesday, August 18**

8:00-9:00	Breakfast	Dining Hall
9:00-9:30	Welcome, S.J. O'Brien Award, and Introductions	Great Hall

**Wilhelmine Key Lecture** (Moderator: Katie Peichel)

9:30-10:30	<b>Mark Kirkpatrick</b> (University of Texas, Austin) <i>Evolution of genome structure by natural and sexual selection</i>	Great Hall
10:30-11:00	Coffee Break	Welcome Center

**Chromosome Rearrangements** (Moderator: Brad Schaffer)

11:00-11:30	<b>Jeremy Searle</b> (Cornell University) <i>Chromosomal hybrid zones and speciation in mice and shrews</i>	Great Hall
11:30-12:00	<b>Jun Kitano</b> (National Institute of Genetics, Japan) <i>Drivers of sex chromosome-autosome fusions and their roles in speciation</i>	
12:00-12:30	<b>Jeff Good</b> (University of Montana) <i>Neo-sex chromosome evolution and speciation in beetles</i>	
12:30-1:30	Lunch	Dining Hall

**Centromere Evolution** (Moderator: Carlos Machado)

1:30-2:00	<b>Karen Miga</b> (University of California, Santa Cruz) <i>The dark side of the genome: a high-resolution study of human centromeric regions</i>	Great Hall
2:00-2:30	<b>Anne Yoder</b> (Duke University) <i>Identification and validation of gray mouse lemur (<i>M. murinus</i>) centromeres using genome assembly and cytological approaches</i>	
2:30-3:00	<b>Anna Drinnenberg</b> (Fred Hutchinson Cancer Research Center) <i>Overcoming AbCENs: Recurrent loss of an essential gene in holocentric insects</i>	
3:00-3:30	<b>Jim Birchler</b> (University of Missouri) <i>Using the B chromosome of maize to study the remarkable fluidity of centromere function</i>	
3:30-4:00	Coffee Break	Welcome Center

**Meiotic Drive** (Moderator: Maria Orive)

4:00-4:30	<b>Harmit Malik</b> (HHMI/ Fred Hutchinson Cancer Research Center) <i>Genetic novelty in essential centromeric proteins in <i>Drosophila</i></i>	Great Hall
4:30-5:00	<b>Lila Fishman</b> (University of Montana) <i>Chromosome gone wild: consequences of centromere-associated female meiotic drive in <i>Mimulus</i></i>	
5:00-5:30	<b>Michael Lampson</b> (University of Pennsylvania) <i>Cell biological mechanisms of meiotic drive</i>	
5:30-7:00	Free Time	
7:00-8:00	Dinner (bar available at 6:00)	Dining Hall
8:00-10:00	Poster Session	Welcome Center

**Wednesday, August 19**

- 8:00-9:00 Breakfast Dining Hall
- Chromatin Evolution** (Moderator: Kim Hughes) Great Hall
- 9:00-9:30 **Dan Barbash** (Cornell University)  
*Repetitive DNA dynamics and hybrid incompatibilities*
- 9:30-10:00 **Doris Bachtrog** (University of California, Berkeley)  
*The Y chromosome contributes to sex-specific aging in Drosophila*
- 10:00-10:30 **Justin Blumenstiel** (University of Kansas)  
*The essential tension: understanding the balance of genome defense and genomic autoimmunity*
- 10:30-11:00 Coffee Break Welcome Center
- Meiosis and Recombination** (Moderator: Lynda Delph) Great Hall
- 11:00-11:30 **Kirsten Bomblies** (John Innes Centre, UK)  
*Evolution of meiosis in response to genomic and habitat challenges*
- 11:30-12:00 **Galina Petukhova** (Uniformed Services University of the Health Sciences)  
*The evolutionary turnover of recombination hotspots contributes to speciation in mice*
- 12:00-12:30 **Beth Dumont** (North Carolina State University)  
*Defying the meiotic paradigm: sex chromosome pairing, recombination, and segregation in mammals*
- 12:30-1:30 Lunch Dining Hall
- Sex Chromosomes** (Moderator: Adam Jones) Great Hall
- 1:30-2:00 **D. Winston Bellott** (Whitehead Institute, MIT)  
*Avian W and mammalian Y chromosomes convergently retained dosage sensitive regulators*
- 2:00-2:30 **Heath Blackmon** (University of Minnesota)  
*The fragile Y hypothesis – a role for Y-chromosome aneuploidy in sex chromosome evolution*
- 2:30-3:00 **Beatriz Vicoso** (Institute of Science and Technology, Austria)  
*Multiple sex chromosome transitions in Diptera*
- 3:00-3:30 Coffee Break Welcome Center
- 3:30-4:00 **Daven Presgraves** (University of Rochester)  
*Sex chromosomes in the Drosophila male germline: speciation and regulation*
- 4:00-4:30 **Jenny Graves** (LaTrobe University)  
*Sex and speciation: did sex chromosome degradation and turnover trigger mammalian divergence?*
- 4:30-7:00 Free Time and IslandWood Tours (signup on Monday night)  
Tour 1: Sustainable Design; Tour 2: Forest Hike; Tour 3: Canopy Tower
- 7:00-8:00 Dinner (bar available at 6:00) Dining Hall
- 8:00-10:00 Informal Interaction

**Thursday, August 20**

- 8:00-9:00 Breakfast Dining Hall
- 9:00 - Departures and check-out by 9:30