

**9AM Coffee and pastries; poster set up.**

**\*\*For the poster session, we will have 6' tall tripod easels for use. There will be 40"x60" foam boards (and binder clips) available for you to clip your posters on to. Please plan accordingly.\*\***

**10-11:10 (4 talks, 15 min + 2min Q&A each)**

**11:10-11:40 Coffee**

**11:40 - 12:50 (4 talks, 15 min + 2min Q&A each)**

**LUNCH - thanks to the generosity of Ancestry Inc., 23&me Inc, and Karius Inc.**

**13:50 - 14:40 (1 talk 15+2 minutes & 6 lightning talks 4+1 min each).**

**14:40 - 15:40 (poster session and various libations).**

**Talks:**

15 minute talks in order of presentation:

1. Nandita Garud, UCSF, **Characterizing the population genetic environment in the microbiome.**
2. Zheng Hu, Stanford, **Inferring timing of metastatic dissemination through spatial-temporal modeling.**
3. Aaron Stern, Berkeley, **Approximate full-likelihood inference of selective sweeps using ancestral recombination graphs**
4. Joah Hough, UC Santa Cruz, **The effects of Hill-Robertson Interference on rates of adaptive molecular evolution.**

**Break**

5. Michelle Stitzer, UC Davis, **Transposable elements in Arabidopsis thaliana - population genetics of TE polymorphism**
6. Geoff Fudenberg, UCSF, **Chromatin features constrain structural variation across evolutionary timescale**
7. Moises Exposito-Alonso, Max Planck Institute for Developmental Biology, **Genomics and climatic adaptation in Arabidopsis thaliana**
8. Markus Stetter, UC Davis, **Dynamics of polygenic adaptation after sudden environmental changes**

**Break**

9. Nancy Chen, UC Davis, **Tracking short-term evolution in a wild pedigreed population.**

## **Lightning talks:**

Jose R. de la Torre, Berkeley, **Population Genomics of Thermophilic Archaea: Larval Stages**  
Bryan Thornlow, UCSC, **Transcription-Associated Mutagenesis drives variation patterns in tRNAs and flanking regions**

Mikhail Tikhonov, Stanford, **Theoretical ecology without species**

Dwayne Evans, ST State, **HIV-1 Drug Resistance Mutations to Truvada and Rilpivirine Used as PrEP**

Jonathan Kang, Stanford, **Consanguinity rates predict long runs of homozygosity in Jewish populations**

Liza Huijse, Karius Inc., **Plasma NGS-test for pathogen detection**