

2020 UCSD Division of Biological Sciences-Salk Institute Online Retreat

LIVE ZOOM SESSIONS

Monday, September 21

Session 1 Moderated by Justin Meyer

10:00 AM – 10:10 AM Welcome remarks by Dean Kit Pogliano

10:10 AM – 10:20 AM Diversity Committee presentation by Jose Pruneda-Paz

10:20 AM – 10:35 AM Daniela Zarate “Subspecies Nuclear Admixture and Mitochondrial Ancestry in the Western Honey Bee (*Apis mellifera*) Assayed in Four Distinct Space-Time Regions Across its Introduced Range (U.S.A.; Mexico; Costa Rica; Panamá)”

10:35 AM – 10:50 AM Victor Lopez del Amo “CRISPR Gene Drive Technologies for Population Engineering”

10:50 AM – 11:05 AM Shijia Liu “A Brainstem Breathing Circuit That Controls Pain and Anxiety”

11:05 AM – 11:20 AM Break

Session 2 Moderated by Nan Hao

11:20 AM – 11:35 AM Marta Pratelli “Drug-Induced Gutamate-to-GABA Neurotransmitter Switching Causes Aberrant Behaviors”

11:35 AM – 11:50 AM Julie Paxman “Sir2 Regulation of Protein Homeostasis During Aging”

11:50 AM – 12:05 PM Sandeep Venkataram “The Repeatability of Evolution in a Microbial Community”

12:05 AM – 1:30 PM Break

1:30 PM – 2:30 PM Zoom Poster Discussions Session 1

2:30 PM – 3:00 PM Break

3:00 PM – 4:00 PM Discussion of Equity, Diversity, and Inclusion moderated by James Nieh
Our goals are to get folks together and introduce them to the multiple outreach and EDI activities that we have (including our interests in bringing in high school students into labs), create interest in faculty, staff, and student participation, and help provide centralized coordination of our multiple efforts.

Presenters:

BioEASI jail program (Beverly Naigles)

BIOME (Lisa McDonnell)

Grad student book club (Jenny He)

BUMMP (Tara Spencer)

Mira Mesa Biotechnology Course (Gina Powers)
CREATE (Susan Yonezawa and Alberto Vasquez)
BioEYES (Cressida Madigan)
WORM (Delaney Pagliuso)
Research Opportunity and Orientation for Transfer Students (Alisa Huffaker)

7:00 PM – 9:00 PM Student social activity: multiplayer video game organized by Cong Dinh, Daniel Heinz, and Tara Spencer

Tuesday, September 22

Session 3 Moderated by Enfu Hui

10:00 AM – 10:15 AM Yue Sun “Understanding Stress Sensing and Neuronal Maintenance: Insights from Cilia”

10:15 AM – 10:30 AM Wendy Chen “Cell-Autonomous Requirement of Shp2 and β -Catenin for Myc-Driven Hepatocarcinogenesis Revealed by Single Cell RNA-Sequencing”

10:30 AM – 10:50 AM Break

Session 4 Moderated by Carolyn Kurle

10:50 AM – 10:55 AM Introduction of Keynote Speaker by Justin Meyer

10:55 AM – 11:30 AM Keynote Presentation by Paul Turner “Ecology, Evolution and Virotherapy: Harnessing Viruses to Solve Human Problems”

11:30 AM – 11:40 AM Break

11:40 AM – 11:50 AM Awards presentation by Michael Perry: Best Graduate Student and Postdoc Talks, Best Graduate Student Poster, Excellence in Teaching Awards, Graduate Student Mentorship Award, Faculty Mentorship Award

11:50 AM – 12:00 PM Presentation of Fellowship Awards by Andrew Chisholm

12:00 PM – 1:00 PM Break

1:00 PM – 2:00 PM Zoom Discussions of Posters Session 2

2:20 PM – 2:30 PM Break

Session 5 Moderated by Cong Dinh, Daniel Heinz, and Tara Spencer

2:30 PM – 3:10 PM 2nd year grad student entertainment video

3:10 PM – 4:10 PM Navigating mental health issues (for graduate students and postdoctoral fellows only)

7:00 PM – 9:00 PM Student social activity: electronic scavenger hunt for graduate students only
organized by Rimma Levina and Laura Beebe