2020 UC Berkeley Neuroscience Annual Conference

An Online Event – October 15-16, 2020

THURSDAY, October 15

12:00–12:15: WELCOME AND OPENING REMARKS

12:00–12:05 **Ehud Isacoff, Helen Wills Neuroscience Institute**

12:05–12:10 **Michael Yartsev, Bioengineering**

12:10–12:15 **Julia Schaletzky, Drug Discovery Center**

12:15–1:55: FACULTY/POSTDOC TALKS (each 20 min + 5 min Q&A)

12:15–12:40: **Kevin Yu, Theunissen Lab**
High Capacity Auditory Memory for Vocal Communication in a Social Songbird

12:40–1:05: **Linda Wilbrecht, Helen Wills Neuroscience Institute, Psychology**
Developmental Exposure to Feast and Famine Shapes Learning, Decision Making, and Dopamine Neurons in Adulthood

1:05–1:30: **Guy Avraham, Ivry Lab**
Pavlovian Principles can Provide a New Framework to Understand Sensorimotor Learning

1:30–1:55: **Ellen Lumpkin, Helen Wills Neuroscience Institute**
Dept. of Molecular & Cell Biology
Dynamics of Touch: In vivo Imaging Reveals the Remarkable Degree of Structural Plasticity in the Adult Nervous System

2:00–2:15: BREAK

2:15–3:15: KEYNOTE SPEAKER

Leslie Vosshall, The Rockefeller University – *The Taste of Blood in Mosquitoes*

3:15–3:45: STUDENT/POSTDOC DISCUSSION WITH SPEAKER

3:45-4:00: BREAK

4:00–5:30: DISCUSSION TOPICS *(Breakout Rooms)*

4:00–4:45: **Climate, Diversity, and Inclusion** – Diana Bautista, Ellen Lumpkin, Joni Wallis, Celia Ford

4:45–5:30: **Academic Job Search/Networking During COVID/Postdoc Networking event** – Various faculty

OR **Industry Careers** – Corey Goodman; Tobias Schmid, moderator

FRIDAY, October 16

12:00–12:15: WELCOMING REMARKS AND GSI AWARDS – Michael Silver

12:15–1:55: FACULTY/POSTDOC TALKS (each 20 min + 5 min Q&A)

12:15–12:40: **Malak El-Quessny, Feller Lab**
The Role of Dendritic Morphology in Organizing Functional Neural Circuits in the Retina

12:40–1:05: **Silvia Bunge, Psychology**
How Does the Human Brain Represent Abstract Mental Relations?

1:05–1:30: **Zepeng Yao, Scott Lab**
Distinct Populations of Serotonergic Neurons Translate Taste Detection Into the Regulation of Neuroendocrine and Gastrointestinal Functions in Drosophila

1:30–1:55: **Kevin Weiner, Psychology**
Tertiary Sulci, Transcriptomics, and Functional Representations in Human Cortex

2:00–2:15: BREAK

2:15–3:15: KEYNOTE SPEAKER (45 min + 15 min Q&A)

Randy Schekman, Dept. of Molecular & Cell Biology
Vesicular Traffic and its Connection to Parkinson's Disease

3:15–3:45: STUDENT/POSTDOC DISCUSSION WITH SPEAKER

3:45–4:00: BREAK

4:00–5:30: DATA SLAM (15 students, 5 min each)

5:30–5:35: CLOSING REMARKS