

2022 UC Berkeley Neuroscience Annual Conference

October 14 - October 16, 2022
Asilomar Conference Grounds

FRIDAY, October 14th

2:00–3:30 PM: Conference Registration Check-In (Curlew Hall)

Pick up your room key and lanyard name badge - rooms not available until 4:00pm

3:00–3:30 PM: Poster Set-Up (Merrill Hall)

3:30–4:50 PM: Poster Session (Merrill Hall)

4:00 PM: Hotel rooms available for Check-In

4:50–6:00 PM: Session 1 (Merrill Hall)

4:50–5:10: **Welcome and Opening Remarks**

Dan Feldman, Helen Wills Neuroscience Institute & Molecular and Cell Biology

Michael Silver, Helen Wills Neuroscience Institute & School of Optometry and Vision Science

5:10-5:30: **Philippe Mendonca, Postdoc (Isacoff Lab)**

Visualizing quantal amplitude, timing and location of neurotransmitter release in a heterogeneous population of synapses

5:30-6:00: **Andrew Dillin, Helen Wills Neuroscience Institute & Molecular and Cell Biology**

Neural control of aging

6:00–7:00 PM: Dinner (Crocker)

7:00–8:00 PM: Keynote Speaker (Merrill Hall)

Prof. David Julius, University of California, San Francisco

Gut Feelings: Probing Mechanisms of Visceral Pain

8:00–8:40 PM: Student/Postdoc Discussion With Speaker (Merrill Hall)

Student Hosts: Madeleine Snyder, Allison Nieto, & Corrina Fonseca

8:45–9:30 PM: Informal Social (Merrill Hall)

SATURDAY, October 15th

7:30-9:00 AM: Breakfast (*Crocker*)

9:00-11:00 AM: Session 2 (*Merrill Hall*)

9:00-9:20: **Daniel Silverman, Postdoc (Dan Lab)**

Homeostatic regulation of locus coeruleus activity and its role in sleep pressure

9:20-9:50: **Linda Wilbrecht, Helen Wills Neuroscience Institute & Psychology**

Puberty and adolescent brain development

9:50-11:00: **Third Year Data Slam - "Zoom"**

11:00-11:15 AM: Coffee Break

11:15-12:00 PM: Discussion Topic (*Merrill Hall*)

Climate, Diversity, and Inclusion – Joni Wallis

12:00-1:00 PM: Lunch (*BBQ Area - outdoor seating*)

1:00-1:45 PM: Breakout Rooms

Neuroscience Grad Student General Meeting - Michael Silver & Leleña Avila (*Merrill Hall*)

OR

Postdoc-Faculty Discussion – Hillel Adesnik moderator (*Triton Meeting Room*)

1:50-3:20 PM: Session 3 (*Merrill Hall*)

1:50-2:10: **Chris Kymn, Grad Student (Olshausen Lab)**

Representing and computing with distributed neural population codes

2:10-2:30: **Hyeyoung Shin, Postdoc (Adesnik Lab)**

Holographic generation of perceptual inference through cortical pattern completion

2:30-2:50: **Xi Chen, Postdoc (Jagust Lab)**

Memory function in normal aging and early Alzheimer's disease

2:50-3:20: **Preeya Khanna, Helen Wills Neuroscience Institute & Electrical Engineering and Computer Sciences**

Modeling, Restoring and Augmenting Dextrous Hand Control

3:20-3:30 PM Poster Clean-up

3:30-6:00 PM: Free Time

6:00-7:30 PM: Dinner with Awards and Closing Remarks – Dan Feldman (*Crocker*)

7:30-9:30 PM: Talent Show and Social (*BBQ Area*)

With beverages and s'mores



SUNDAY, October 16th

7:30–9:00AM: Breakfast (*Crocker*)

CHECKOUT BEFORE 11:00 AM