2025 UC Berkeley Neuroscience Annual Conference

September 19 - 21, 2025
Granlibakken Conference Center

FRIDAY, September 19th

1:00 PM **Conference Registration** *(Cedar House Deck/Restaurant)*
& Poster Setup *(Bay Room)*

1. *Pick up your lanyard name badge at registration (= meal ticket)*
2. *Proceed to front desk to check-in: credit card for incidentals, parking info, store luggage NOTE: Rooms not available until after 4pm*

2:00–3:10 PM: Session 1 *(Mountain Ballroom)*

2:00-2:20: **Welcome and Opening Remarks**

Dan Feldman, Chair Department of Neuroscience

Ehud Isacoff, Director Helen Wills Neuroscience Institute

Frédéric Theunissen, Director Neuroscience PhD Program

2:20-2:40: **Tianjiao Zhang,** Postdoc (Gallant Lab)
Driving in the MRI: mapping the network in the human cerebral cortex mediating active navigation

2:45 - 2:55 PM: Group Photo

3:00–4:00 PM: Poster Session with Coffee *(Bay Room)*

4:00–5:00 PM: Break & Room Move-In

5:00–6:00 PM: First Keynote Speaker *(Mountain Ballroom)*

Carla Shatz, Stanford University
Does Neural Development have lessons for Alzheimer's disease?

6:00–7:30 PM: Dinner *(Granhall)*

7:30–8:30 PM: Second Keynote Speaker *(Mountain Ballroom)*

Erich Jarvis, Rockefeller University
Evolution of brain pathways for spoken language and vocal learning

8:30–9:15 PM: Student/Postdoc Discussion With Keynote Speakers
(Mountain Ballroom)
Student Host: Miah Pitcher

Friday Evening on your own (*Ski Hut available until 12:00 AM*)

SATURDAY, September 20th

Registration Table *(Outside Lake & Bay Rooms)*

7:30–9:00 AM: Breakfast *(Granhall)*

Corey Goodman available to speak with students
Turning great (neuro)science into impactful medicine

9:00–10:50 AM: Session 2 *(Mountain Ballroom)*

9:00-9:20: **Miah Pitcher,** Graduate Student (Feller Lab)
Biased retinal waves shape starburst amacrine cell dendrite development

9:20-10:50: **Third Year Data Slam**

10:50–11:10 AM: Coffee Break *(Ballroom Lobby)*

11:10 AM–12:20 PM: Session 3 *(Mountain Ballroom)*

11:10-11:30: **Nick Harp,** Postdoc (Kober Lab)
The neural bases of cue reactivity and cue-induced craving: From meta-analysis to neuromarker validation

11:30-11:50: **Jianing Mu,** Graduate Student (Huth Lab)
Efficient uniform sampling explains non-uniform memory of narrative stories

11:50-12:20: **Hillel Adesnik, Neuroscience**
Optically probing the neural basis of visual perception

12:20–1:30 PM: Lunch *(Granhall)*

1:30–2:15 PM: Community Session *(Mountain Ballroom)*

2:20–3:20 PM: Session 4 *(Mountain Ballroom)*

2:20-2:40: **Wren Kim,** Postdoc (Bateup/Ingolia Labs)
Activity-Dependent Gene Expression Underlying Synchronous Activity

2:40-3:10: **Sam Lewis,** Molecular & Cell Biology
Axonal mitochondrial self-renew via polarization and asymmetric division

3:10-3:20: **Dan Feldman**, Closing Remarks, Award Announcements, and **Group Photo**

3:20–6:00 PM: Free Time

6:00–7:30 PM: **Dinner** *(Granhall)*

8:00 PM–1:30 AM: **Talent Show and Hosted Social** (*Ski Hut available until 1:30 AM*)
Alcohol service ends at 10:00 PM

SUNDAY, September 21st

CHECKOUT BEFORE 11:00 AM

7:30–9:00 AM: Breakfast *(Granhall)*

Remove Posters before Checkout time

Free Day to Explore Tahoe