



# CCB Fall Workshop on Biological Timing

15<sup>th</sup> Floor, Seventh College, West Tower 1, UC San Diego

Friday, November 8, 2024

- 8:30 am**      **Breakfast**
- 9:00 am**      **Opening Remarks: Amir Zarrinpar** (CCB Co-Interim Director, Associate Professor, UC San Diego)
- Session 1 (9:00 am - 10:30 am)**  
                 **Moderator: Varun Viswanath** (Postdoc, Ben Smarr lab, UC San Diego)
- 9:05 am**      **Omar Mesarwi, MD** (Associate Professor, Pulmonology, UC San Diego) – Hypoxic physiology and time-restricted feeding
- 9:40 am**      **Severine Soltani** (PhD Student, Ben Smarr lab, UC San Diego) – Digital biomarkers associated with naps reveal social and biological influences on day time sleep rhythms
- 10:05 am**      **Jamie Burks** (PhD Student, Ben Smarr lab, UC San Diego) – Parameterizing phase for improved biomedical classification
- 10:30 am**      **Break (10:30 am - 10:45 am)**
- Session 2 (10:45 am - 12:00 pm)**  
                 **Moderator: Alex Neitz** (Postdoc, Susan Golden lab, Center for Circadian Biology, UC San Diego)
- 10:45 am**      **Diksha Sharma** (PhD Student, Carrie Partch lab, UC Santa Cruz) – Identifying small molecule ligands for PAS domains in the circadian clock
- 11:10 am**      **Renny Ng** (PhD Student, Chih-Ying Su lab, UC San Diego) – Day/night cycles regulate pheromone acuity to gate rhythmic courtship behavior
- 11:35 am**      **Joanna Eckhardt** (PhD Student, Judy Pa lab, UC San Diego) – Circadian rhythm timing and fragmentation are associated with Alzheimer’s disease biomarkers and poorer cognition in older adults
- 12:00 pm**      **Lunch (12:00 pm - 1:00 pm)**
- Session 3 (1:00 pm - 2:20 pm)**  
                 **Moderator: Christian Harding** (Postdoc, Atul Malhotra Lab, UC San Diego)
- 1:00 pm**      **Yumeng Wang** (Postdoc, Chris Colwell lab, UCLA) – Impact of dim light at night on sleep architecture and electroencephalographic activity in a mouse model of autism
- 1:25 pm**      **Sergio Hidalgo** (Postdoc, Joanna Chiu lab, UC Davis ) – The role of the circadian clock in regulating seasonal biology
- 1:50 pm**      **Stephany Flores-Ramos** (Postdoc, Amir Zarrinpar lab, UC San Diego) – Metatranscriptomics yields bacterial transgenes with pronounced metabolic effects
- 2:15 pm**      **Closing Remarks: Paula Desplats** (CCB Co-Interim Director, Associate Professor, UC San Diego)
- 2:20 pm – 3:15 pm Networking, Poster Session, and Ice Cream Social!**