

2017 Southern California Learning and Memory (SCLM) Symposium



The SCLM Symposium is a yearly meeting primarily for Southern California laboratories interested in the neural basis of memory.

- ❖ Everyone is invited
- ❖ Attendance is free
- ❖ Registration is required

Date: May 16, 2017 (Tuesday) at 8:30am - 7:00 pm

Location: UCR Campus, Highlander Union Building (HUB) Room #302-S

Organizers: Ed Korzus & Sara Mednick

Email: edkorzus@ucr.edu

Conference Registration: <http://korzuslab.ucr.edu/2017SCLM.html>

Symposium Schedule:

8:30 am Continental Breakfast

9:00 am Welcome and Opening Remarks
Ed Korzus, Ph.D., (UC Riverside)

Session I. Chair: Ed Korzus, Ph.D. (UC Riverside)

9:05 am "Neural Mechanisms of Post-Traumatic Stress Disorder as seen through stress enhanced fear learning"

Michael Fanselow, Ph.D. (UC Los Angeles)

9:35 am "Fear learning in children with pediatric anxiety: autonomic and hemodynamic markers."

Kalina Michalska, Ph.D. (UC Riverside)

10:05 am "Synaptic Correlates of Discriminative Fear Memory"

Jun-Hyeong Cho, Ph.D. (UC Riverside)

10:35 am Coffee Break

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Session II. Chair: Mark Mayford, Ph.D. (UC San Diego)

11:00 am Brain Waves

Terry Sejnowski, Ph.D. (The Salk Institute, San Diego)

11:30 am "The activity of neuronal ensembles in behaving animals"

Takaki Komiyama, Ph.D. (UC San Diego)

12:00 pm "Leveraging olfaction to study innate behavior"

Lisa Stowers, Ph.D. (The Scripps Research Institute, San Diego)

12:30 pm Lunch Break

Session III. Chair: Aaron Seitz, Ph.D. (UC Riverside)

2:00 pm "Effects of Early Life Stress on Habit Learning"

Barbara Knowlton, Ph.D. (UC Los Angeles)

2:30 pm "Hippocampal tract integrity mediates mnemonic discrimination"

Ilana Bennett, Ph.D. (UC Riverside)

3:00 am "Hippocampal neural mechanisms underlying the memory for sequences of events"

Norbert Fortin, Ph.D. (UC Irvine)

3:30 pm Coffee Break

Session IV. Chair: Sara Mednick, Ph.D. (UC Riverside)

4:00 pm "Heart/Brain Interactions during Sleep Predict Memory Performance"

Sara Mednick, Ph.D. (UC Riverside)

4:30 pm "Using fruit flies to understand how and why we sleep"

Jeff M. Donlea, Ph.D. (UC Los Angeles)

5:00 pm "Mechanisms of memory consolidation during sleep"

Gina R. Poe, Ph.D. (UC Los Angeles)

5:30 pm – 7:30 pm Reception (HUB Patio)



We gratefully acknowledge support from:

- ❖ ActiMetrics - <http://actimetrics.com/>
- ❖ Brain Vision LLC - www.brainvision.com
- ❖ Bioengineering Institute of California (BIC) - <https://iem.ucsd.edu/bic/>
- ❖ Department of Psychology (UCR)
- ❖ College of Humanities, Arts and Social Sciences (CHASS, UCR)
- ❖ College of Natural and Agricultural Science (CNAS, UCR)
- ❖ School of Medicine (SOM, UCR)



Link to SCLM Symposia: <http://www.iclm.ucla.edu/events/sclm/SCLM.html>