

Bay Area Memory Meeting (BAMM) 2019
San Jose State University
August 16th, 2019

8:00 – 9:00am Check-in and breakfast

9:00 – 9:10am Opening remarks

Talk Session 1: Recognition, event memory, and spatial memory

9:10 – 9:30am **Evan Layher**, UC Santa Barbara, Miller lab
Dissociating fMRI activity related to memory strength vs. decision criteria in recognition memory

9:30 – 9:50am **Brendan Cohn-Sheehy**, UC Davis, Ranganath lab
Posterior medial cortex facilitates dynamic integration of narrative events in memory

9:50 – 10:10am **Zachariah Reagh**, UC Davis, Ranganath lab
How do cortico-hippocampal systems parse complex events?

10:10 – 10:30am **Nikhil Jaha**, UC Davis, Ekstrom lab
An investigation of human spatial memory: from virtual environments to the real world

10:30 – 10:50am Coffee Break

Talk Session 2: Genetics; animal and computational models

10:50 – 11:10am **Tyler Bonnen**, Stanford, Wagner lab
Formalizing a Perceptual-Mnemonic Theory of the Medial Temporal Lobe

11:10 – 11:30am **Kacie Deters**, Stanford, Mormino lab
APOE-TOMM40 '523 haplotypes are associated with early cognitive decline in non-Hispanic Blacks

11:30 – 11:50am **Kyle Ireton**, UC Davis, Hell lab
Attention and learning behaviors are enhanced by β 2-adrenergic receptor-dependent phosphorylation of the L-type Ca²⁺ channel CaV1.2 on S1928 in mice

11:50am – 12:10pm **Zurine De Miguel**, Stanford & CSUMB, Wyss-Coray Lab
Exercise conditioned plasma dampens inflammation and boosts memory

12:10 – 1:00pm Lunch Break

Poster session

1:00 – 2:00pm Angelique Delarazan, UC Davis, Ranganath Lab

Hyong Woo Hahm, SJSU, Carr Lab
Laura Pritschet, UC Santa Barbara, Jacobs Lab
Riley Sandberg, UCLA, Bjork and Bjork Labs
Caitlin Taylor, UC Santa Barbara, Jacobs Lab
Willa Voorhies, UC Berkeley, Bunge and Weiner Labs
Jewelina Yao, UC Berkeley, Bunge and Weiner Labs

Talk Session 3: Forgetting; abstract knowledge

- 2:00 – 2:20pm** **Xiaonan Liu**, UC Davis, Ranganath lab
Temporal context and sleep-dependent memory consolidation mediate the boundary between retrieval induced forgetting and facilitation
- 2:20 – 2:40pm** **Kevin Madore**, Stanford, Wagner lab
Forgetting is the price you pay: Trial- and trait-level impacts of attention lapsing on memory
- 2:40 – 3:00pm** **Wei-Chun Wang**, UC Berkeley, Bunge lab
Neural representations of abstract concepts
- 3:00 – 3:20pm** **Seongmin Park**, UC Davis, Boorman lab
Hexadirectional coding of trajectories through an abstract multidimensional social network during investment decisions
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3:20 – 3:40pm Coffee Break

Talk Session 4: Stress and hormones

- 3:40 – 4:00pm** **Caitlin Taylor**, UC Santa Barbara, Jacobs lab
Impact of oral hormonal contraceptives on the CNS: Developing a population neuroimaging study
- 4:00 – 4:20pm** **Tyler Santander**, UC Santa Barbara, Miller lab
Time-dependent modulation of intrinsic and task-evoked functional connectivity: A preliminary analysis of brain-hormone interactions
- 4:20 – 4:40pm** **Alexander Gordon**, UCLA, Knowlton lab
Early-life stress drives habitual responding in a novel instrumental learning paradigm
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4:40 – 4:45pm Closing remarks

5:00 – 7:00pm Dinner / Social Event @ San Pedro Square Market
87 N San Pedro St, San Jose, CA 95110

Note: Parking is available in the San Pedro Market Parking Garage (entrance on N San Pedro St across from the market)