



Co-Sponsored by the UC Davis Center for Mind and Brain

- 9:00** **Coffee and pastries**
- 9:30-9:40** **Welcome – Ron Mangun**
- 9:40 - 11:00** **Talk Session I**
- 9:40-10:00 Rob Blumenfeld
Functional connectivity during working memory maintenance and manipulation
- 10:00-10:20 Brad Buchsbaum
An fMRI study of serial position effects in a Sternberg item-recognition task
- 10:20-10:40 Jesse Rissman
The effects of working memory load on top-down modulation of visual processing
- 10:40-11:00 David Badre
Computational modeling and fMRI support for interference in task switching
- 11:00-11:20** **Coffee Break**
- 11:20-12:40** **Talk Session II**
- 11:20-11:40 Patrick Khader
Event-related fMRI reveals content-specific cortical activation during associative long-term memory retrieval
- 11:40-12:00 Alison Preston
High-resolution fMRI of stimulus-specific novelty encoding and subsequent memory responses in human medial temporal lobe
- 12:00-12:20 Colleen Parks
Aging and noncriterial recollection in the remember-know and confidence-rating procedures
- 12:20-12:40 Amy Gitcho
Brain imaging predicts cognitive decline in aging: Evidence of preclinical Alzheimer's disease
- 12:40-2:10** **Lunch and Poster Session**
- Whitney Bayne
High field MRI of neurodegenerative disease
- Jack Day
A “phonological loop” for non-linguistic working memory?
- Kristin Geraci
Sharp limits on transfer of motor skills
- Simona Ghetti
When true memory availability promotes false memory: Evidence from confabulating patients

Ellen Klostermann
The inhibition of memories for performed and learned actions by executive control

Diane Marian
Emotional lexical decision: Effects of gender and priming on attention and memory

Adriane Mayda
Disconnection of working memory processes by cerebrovascular disease

Rosanna Olsen
The effects of perceptual similarity on item recognition and repetition suppression in the medial temporal lobe

Rebecca Ray
Self-reference effect in children

2:10-2:45

Data Blitz

Linda Chao
fMRI evidence of intact distractor inhibition in elderly individuals who do not show negative priming

Nicole Dudukovic
Prefrontal, parietal, and medial temporal contributions to item and temporal-recency recognition

Daphna Shohamy
Dynamics of medial temporal lobe and basal ganglia activity during associative learning

Carter Wendelken
Working memory for structured item sets

2:45-3:00

Coffee Break

3:00-4:20

Talk Session III

3:00-3:20 Roshan Cools
Dopaminergic modulation of stability and flexibility of representations in visual working memory

3:20-3:40 Susan Landau
Aging and compensation: What is the relationship between individual variability in dopamine function and working memory processing?

3:40-4:00 Brice Kuhl
Forgetting and remembering during competitive memory retrieval: Prefrontal and parietal mechanisms impact episodic memory suppression and recovery

4:00-4:20 Scott Frein
Effects of valence and arousal on spatial context memory for unpleasant stimuli

4:20-4:40

Coffee Break

4:40-5:40

Talk Session IV

4:40-5:00 Mike Cohen
Reinforcement learning signals predict future decisions

5:00-5:20 Alison Adcock
Reward-motivated learning: Proactive mesolimbic influences on encoding

5:20-5:40 Daniel Krawczyk
Influences of reward motivation on encoding and delay in human working memory

6:00 -

Dinner/Social @ Sudwerks

**Talks will be 20 min (15 min talk / 5 min Q&A)
Data blitzes will be 7 min (5 min blitz / 2 min Q&A)**