Advances in Memory Systems
Sponsored by the Center for Learning, Memory and Emotion
May 24-25, 2017
NYU, Washington Square Campus
Kimmel Center for University Life, 60 Washington Square South.

Wednesday, May 24, 2017
Eisner & Lubin Auditorium

09:05 - 09:10 Introductory remarks

Session I: Flexible Attention
Chair and Discussant: Lila Davachi
09:10 - 09:30 Kia Nobre: Dynamic prioritisation in working memory
09:30 - 09:50 Elissa Aminoff: Associative processing in scene perception
09:50 - 10:10 Brad Postle: Selection and priority in working memory
10:10 - 10:30 Clay Curtis: Frontal and parietal topographic maps constrain working memory precision
10:30 - 10:50 Discussion

10:50 - 11:15 Coffee Break

Session II: Flexibility over Time
Chair and Discussant: Cristina Alberini
11:15- 11:35 David Bucci: Retrosplenial cortex and remote fear memory: Some surprising connections
11:35 -11:55 Lila Davachi: Memory transformations over time
11:55 -12:15 Yadin Dudai: Realistic episodic memory: A biological movie with the plot constructed on the fly
12:15 -12:35 Discussion

12:40 - 1:50 Lunch break

Session III: Social Manifestations
Chair and Discussant: Robert Froemke
1:50 - 2:10 James Curley: Coordination of contextually appropriate social behavior in dominance hierarchies
2:10 - 2:30 Kevin Ochsner: Recognizing the status of others within our social networks
2:30 - 2:50 Elad Schneidman: Information socialtaxis: how opportunistic agents can learn to gain knowledge from others
2:50 - 3:10 Joe LeDoux: Semantic dangers in the New Age of Mentalism
3:10 - 3:30 Discussion

3:30 - 3:50 Coffee Break
Session IV: Competition and Integration  
Chair and Discussant: Yadin Dudai  
3:50 - 4:10 Andre Fenton: Competitive control of memory recollection  
4:10 - 4:30 Daphna Shohamy: How memory shapes value-based decisions  
4:30 - 4:50 Wendy Suzuki: Error based learning signals in the macaque medial temporal lobe  
4:50 - 5:00 Discussion  

5:00 – 7:00 Reception, Grand Hall  
7:30 pm Speakers & Chairs Dinner, Carroll Place, 157 Bleecker St.  

Thursday, May 25, 2017  
Rosenthal Pavilion  

Session V: Forgetting and Enhancement  
Chair and Discussant: Jonathan Winawer  
09:00 - 09:20 Paul Frankland: The persistence and transience of memory  
09:20 - 09:40 Michael Anderson: Hippocampal GABA enables inhibitory control over unwanted thoughts  
09:40 - 10:00 Cristina Alberini: Infantile amnesia: a critical period of learning to learn and remember  
10:00 – 10:20 Tom Carew: The role of growth factor signaling in long-term memory formation in Aplysia  
10:20 - 10:40 Discussion  
10:40 - 11:00 Coffee Break  

Session VI: Codes and Representations  
Chair and Discussant: Marisa Carrasco  
11:00 - 11:20 David Heeger: Theory of cortical function  
11:20 - 11:40 Jayeeta Basu: Dynamic interactions between circuits for memory and sensory processing  
11:40 -12:00 Gyorgy Buszaki: Space-time of navigation and memory  
12:00 -12:20 Elizabeth Phelps: Factors influencing threat generalization in humans  
12:20 - 12:40 Discussion  
12:40 - 1:00 Concluding Remarks  
1:00 Adjourn