

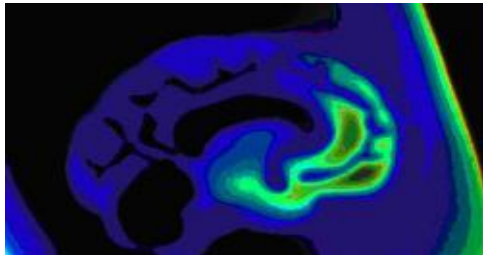
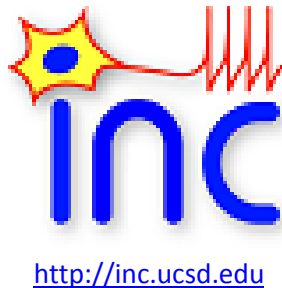
2:30-3:00pm **Afternoon Break**

3:00-3:15pm **Hosuk Sean Lee**, Salk Institute
"The Novel Role of Astrocytes in Gamma Oscillations in the Brain"

3:15-3:30pm **Jason Pipkin**, Neurosciences, UCSD
"Untangling the Ganglion: Finding Synapses in the Neuropil of the Leech"

3:30-3:45pm **Frank Haist**, Psychiatry and Center for Human Development, UCSD
"Computational, Behavioral, and Brain Foundation of Face Space for Race and Emotion"

3:45-4:00pm **Closing Remarks**



<http://kibm.ucsd.edu>

Event Coordination by: Luisa Flores & Kristen Michener
Student Staff Assistance: Khushbu Gokal Gandhi

2012 Cognitive Neuroscience Annual Spring Retreat & Kavli Institute for Brain and Mind Symposium

Saturday, May 5, 2012

8:30AM – 4:00PM

San Diego Supercomputer Auditorium
Room B211

10100 John Jay Hopkins Drive
San Diego Supercomputer Center
San Diego, CA 92093-0523

Sponsored by the **NIMH** Cognitive Neuroscience Training Program for the
Institute for Neural Computation and the
Kavli Institute for Brain and Mind at the
University of California, San Diego

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| 8:00am | <i>Welcome Continental Breakfast</i> | 11:35am | Christopher Barkley <i>"Investigations into the Language/Attention Interface"</i> |
| 8:30am | Symposium: Visual Attention Chair: Steve Hillyard | 11:40am | Marina Garrett <i>"Function and Connectivity of Mouse Higher Visual Areas"</i> |
| 8:30am | Jude Mitchell , Reynolds Lab, Salk Institute <i>"A Network Model of Attention in Macaque Area V4"</i> | 11:45am | Ian Greenhouse <i>"Stimulation of the Ventral/Associative Subthalamic Nucleus Influences Executive Functions"</i> |
| 9:00am | Soeren Andersen , Hillyard Lab, Neurosciences, UCSD <i>"Electrophysiological Analysis of Feature-Selective Attention"</i> | 11:50am | Emily Caporello <i>"The Effects of Feature-based Attention on Neural Activity in the Avian Auditory Cortex"</i> |
| 9:30am | Sameer Saproo , Serences Lab, Psychology, UCSD <i>"Using fMRI to Assess Impact of Attention on Cortical Communication"</i> | 11:55pm | Paxon Frady <i>"Utilizing multi-functional neuronal responses during different behaviors to uniquely identify all neurons in the leech ganglion"</i> |
| 10:00am | Break | 12:00pm | Lunch |
| 10:15am | Keynote Speaker: Geoffrey Boynton , Department of Psychology, University of Washington <i>"Spatial, Featural, and Temporal Cues that Capture your Attention"</i> | 1:30pm – 4:00pm | Seventh Annual KIBM Symposium on Innovative Research <i>"From Brains to Minds: Innovative Research Supported by the Kavli Institute for Brain and Mind"</i> Chair: Nick Spitzer |
| 11:00am | Break | 1:30-1:45pm | Janet Wiles , University of Queensland <i>"Interneurons as Clock-free Regulators of Neural Information Transfer"</i> |
| 11:15am | INC Cognitive Neuroscience Fellows Blitz Talks (5-minute presentations) Chair: Terry Sejnowski | 1:45-2:00pm | Lisa T. Eyler , Stein Institute for Research on Aging, UCSD <i>"Compassion in Older Adults: Psychosocial and Neurophysiological Correlates"</i> |
| 11:15am | Anastasia Flevaris <i>"Neural Mechanisms Underlying Perceptual Integration in Object Perception"</i> | 2:00-2:15pm | Jeremy Biane , Neurosciences, UCSD <i>"Assessing Cell Specific Plastic Changes in the Brain during Skilled Motor Learning"</i> |
| 11:20am | Elan Liss Ohayon <i>"Structure and Synapses in Silica and Metal Beings"</i> | 2:15-2:30pm | Jeremy Boyd , Center for Research in Language, UCSD <i>"Pragmatic Inference and Memory Processes in the Acquisition of Grammatical Constraints"</i> |
| 11:25am | David Peterson <i>"Striatal Dopamine in the Perception-action Cycle"</i> | | |
| 11:30am | Nedim Sahin <i>"The brain multiplexes signals in time, space, frequency, phase and other dimensions - evidence from language production in patients with surgically-implanted electrodes"</i> | | |