

Neurosciences Graduate Program, UCSD

Seminar Series 2012-2013

Tuesdays 4pm, CNCB Large Conference Room

Sept 25 **Anton Maximov, TSRI**
Molecular mechanisms of experience-dependent structural synaptic plasticity
(Heidi Gonzalez hegome@gmail.com)

Oct 2 **Joaquin Fuster, UCLA***
Cognitive frontal functions: The perception/action cycle
(Stephanie Alfonso stephaniealfonso@gmail.com)

Oct 9 **Paul Garrity, Brandeis**
Overheated and rather irritated: TRPA1 and the evolution of thermal and chemical sensing
(Krista Perks kperks@ucsd.edu)

Oct 23 **Sarah Woolley, Columbia**
Neural coding of vocalizations in auditory scenes
(Justin Kiggins jkiggins@ucsd.edu)

Oct 30 **Linda Wilbrecht, UCSF**
Weighing the evidence for a choice: using optogenetics to bias history dependent decision-making in mice
(Laura DeNardo ldenardo@ucsd.edu)

Nov 6 **Bob Darnell, Rockefeller**
Maps to explore the RNA world
(Wes Gifford wesgifford@gmail.com)

Nov 13 **Fan Wang , Duke**
Brainstem sensory and motor circuitry for active touch
(Jeff Moore jeffrey.moore.428@gmail.com)

Nov 20 **Kelsey Martin, UCLA**
Signaling between synapse and nucleus during neuronal plasticity
(Orlantie Natera langie2813@gmail.com)

Nov 27 **Kim McAllister, UC Davis**
Novel roles for immune molecules in brain development and disease
(Natalie Shanks nshanks@ucsd.edu)

Dec 4 **Sue McConnell, Stanford**
Assembling a neural circuit: cell fate and brain wiring during development
(Rachel Tsunemoto rtsunemoto@gmail.com)

Dec 11 **Piali Sengupta, Brandeis**
Running hot and cold: robustness and flexibility in a small thermosensory circuit in C. elegans
(Jason Pipkin jpipkin@ucsd.edu)

**This seminar will be held in Leichtag 107*

Dec 18 **William Bialek, Princeton**
Birds, brains, and B cells: Searching for collective behavior in real biological networks
(Jason Keller jakeller@ucsd.edu)

**This seminar will be held in Leichtag 107*

Jan 8 **Ed Rubel, U of Washington***
Fish in a dish: discovering genetic and chemical modulators of inner ear hair cell death
(Samantha Scudder sscudder@ucsd.edu)

Jan 15 **David van Essen, WashU**
The human connectome project
(Marina Garrett marinagarrett9@gmail.com)

Jan 22 **Wolfram Tetzlaff, UBC**
Preclinical strategies for spinal cord injury: from diet to cell transplantation
(Alex Goetz agoetz@ucsd.edu)

Seminar Series Committee: Jing Wang PhD, Larry Squire PhD, Joseph Gleeson MD, PhD, Jill Leutgeb PhD, John Reynolds PhD, Laura DeNardo, and Jason Keller.
For more information contact neurograd@ucsd.edu

Jan 29 **Marla Feller, UC Berkeley**
Development of functional circuits in the retina
(Tony Lien neilynot@gmail.com)

Feb 5 **Michael Shadlen, U of Washington**
Believing and time: A neural mechanism for decision making
(Victory Joseph vtj2101@gmail.com)

Feb 12 **Okihide Hikosaka, NIH**
Role of basal ganglia in valuation, memory, and skill
(Adam Calhoun adam.calhoun@gmail.com)

Feb 19 **Randy Buckner, Harvard**
Explorations into the large-scale architecture of the human brain
(Emilie Reas emiliereas@gmail.com)

Mar 5 **Elizabeth Buffalo, Emory**
Neural signals for memory and space in the monkey hippocampal formation
(Emily Mankin emankin@ucsd.edu)

Mar 12 **Michael Berry, Princeton**
The population code of the retina
(Kerin Higa kerin.higa@gmail.com)

Mar 19 **Carla Shatz, Stanford**
Brain circuit tuning during developmental critical periods
(Melissa Lau melissalau@gmail.com)

April 2 **Nick Strausfeld, U of Arizona***
Arthropod brains: Their origin, evolution, and what they share with brains of vertebrates
(Erik Kaestner erik.kaestner@gmail.com)

April 9 **Arthur Konnerth, TU Munich**
TBA
(Kimberly Reinhold kimerein@gmail.com)

April 16 **Fred Rieke, U of Washington**
Parallel processing in the retina
(Alex Heitman alexkenheitman@gmail.com)

April 23 **Yi Zuo, UC Santa Cruz**
Synapse reorganization in formation of motor memory
(Paxon Frady paxon.frady@gmail.com)

April 30 **Doris Tsao, CalTech**
Mechanisms for visual recognition
(Ashley Juavinett ajuavinett@ucsd.edu)

May 7 **Sreekanth Chalasani, Salk**
Smells, turns and neurons: dissecting worm neural circuits
(Andrew Peters peters.andrew.j@gmail.com)

May 14 **Andrew Huberman, UCSD**
Visual circuit architecture, function, and customization
(Maya Sapiurka msapiurk@ucsd.edu)

May 21 **John Carlson, Yale**
Chemosensory perception in Drosophila
(Sarah Leinwand sleinwand@ucsd.edu)

May 28 **Axel Borst, Max-Planck**
Genetic dissection of the fly visual course controlling system
(Stacy Kurnikova asya.kurnikova@gmail.com)

June 4 **Takaki Komiyama, UCSD**
Imaging neuronal ensembles in awake mice
(Jeffrey Dahlen jeffedahlen@gmail.com)

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Image courtesy of Laura DeNardo and Anirvan Ghosh, UCSD