

Neurosciences Graduate Program, UCSD

Dart NeuroScience Seminar Series 2015-2016

Tuesdays 4pm, CNCB Marilyn G. Farquhar Seminar Room

Sep 29 **Lawrence Zipursky, UCLA****

Molecular diversity, cell recognition and the assembly of neural circuits

Host: Kyle Fisher (kbfische@ucsd.edu)

Oct 6 **Charles Stevens, Salk Institute**

What the fly's nose tells the fly's brain

Host: Alice Hu (alhu@ucsd.edu)

Oct 13 **Kenneth Kosik, UCSB**

Inferring human neuro-developmental systems from stem cell technologies

Host: Alex Goetz (agoetz@ucsd.edu)

Oct 27 **Harvey Karten, UC San Diego**

Evolutionary connectomics and the origins of the neocortex

Host: Maya Sapiurka (msapiurka@ucsd.edu)

Nov 17 **Daniel Colon-Ramos, Yale University**

Molecular mechanisms of synaptic development and function: lessons from C. elegans

Host: Alie Caldwell (alcaldwell@ucsd.edu)

Nov 24 **Sheena Josselyn, Sickkids**

Continuing the search for the engram

Host: Pei-Ann Lin (pel023@ucsd.edu)

Dec 1 **Lawrence Goldstein, UC San Diego**

Probing the secrets of Alzheimer's disease using human stem cells

Host: Catie Profaci (cprofaci@ucsd.edu)

Dec 8 **Jose Carmena, UC Berkeley**

Large-scale neural circuit dynamics during neuroprosthetic skill learning

Host: Aaron Sampson (asampson@ucsd.edu)

Dec 15 **Sharon Thompson-Schill
University of Pennsylvania**

Conceptual combination

Host: Barbara Spencer (bspencer@ucsd.edu)

Jan 5 **Leslie Griffith, Brandeis University**

Sleep and memory circuits in Drosophila melangaster

Host: Margot Wohl (mwohl@ucsd.edu)

Jan 12 **Mike Gazzaniga, UCSB****

Lessons from split-brain research

Host: Melissa Galinato (mgalinat@ucsd.edu)

Jan 19 **Ralph Adolphs, Cal Tech**

Quantifying social cognition in autism

Host: Scott Cole (srcole@ucsd.edu)

Jan 26 **Michael Long, NYU**

How does the brain generate behavioral sequences

Host: Marvin Thielk (mthielk@ucsd.edu)

Feb 2 **Dora Angelaki, Baylor College of Medicine**

Merging of our senses: Building blocks and canonical computations

Host: Sirawaj Itthipuripat (sitthipa@ucsd.edu)

Feb 9 **David Foster, Johns Hopkins University**

Neural time travel by hippocampal place cells

Host: Geoffrey Diehl (gdiehl@ucsd.edu)

Feb 23 **Amy Arnsten, Yale University**

Unique molecular regulation of newly evolved prefrontal cortical circuits: Successful treatment of higher cognitive disorders

Host: Megan Kirchgessner (makirchgessner@ucsd.edu)

Mar 1 **David McCormick, Yale University**

Neural mechanisms of optimal state

Host: Tom Gillepsie (tgillesp@ucsd.edu)

Mar 8 **Xinzhong Dong, Johns Hopkins University**

Mechanisms of itch and pain

Host: Jeff Dahlen (jdahlen@ucsd.edu)

Mar 15 **Tirin Moore, Stanford University**

Neural circuits of visual attention

Host: Ethan McBride (egmcbrid@ucsd.edu)

Mar 22 **Byungkook Lim, UC San Diego**

Dissecting basal ganglia circuitry underlying stress-induced depressive behavior

Host: Norah Koblesky (nkoblesky@ucsd.edu)

Mar 29 **Jim Hudspeth, Rockefeller University****

Making an effort to listen: Mechanical amplification by myosin molecules and ion channels in hair cells of the inner ear

Host: Brad Thielman (bthielma@ucsd.edu)

Apr 5 **Nancy Kopell, Boston University**

Brain rhythms and routing

Host: Stacy Kurnikova (akurnikova@ucsd.edu)

Apr 19 **Yun Zhang, Harvard University**

Circuit mechanism underlying olfactory learning

Host: Jeff Dahlen (jdahlen@ucsd.edu)

Apr 26 **Chih-Ying Su, UC San Diego**

Modulation of olfactory circuit and behavior by a non-synaptic mechanism

Host: Nicole Hoffner (nchoffner@ucsd.edu)

May 3 **Dayu Lin, NYU**

Dissecting the mammalian aggression circuit

Host: Jason Keller (jakeller@ucsd.edu)

Seminar Series Committee: Nicola Allen PhD, Jill Leutgeb PhD, Larry Squire PhD, Jing Wang PhD (Chair), Jeff Dahlen, Margot Wohl

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Background image courtesy of the Kristan Lab and the National Center for Microscopy and Imaging Research

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For more information contact neurograd@ucsd.edu