

# Neurosciences Graduate Program, UC San Diego

## Dart NeuroScience Seminar Series 2014-2015

Tuesdays @ 4 pm, CNCB Marilyn G. Farquhar Seminar Room  
(formerly CNCB Large Conference Room)

**Oct 7** **Brian Wandell\*\***, Stanford University

*Modeling activity, connections and tissue properties in the living human brain*

Host: Tommy Sprague ([tsprague@ucsd.edu](mailto:tsprague@ucsd.edu))

**Oct 14** **Winfried Denk**, Max Planck Institute

*Unwiring the brain: how can we get the circuit diagram and why would we want it?*

Host: Akinori Mitani ([amitani@ucsd.edu](mailto:amitani@ucsd.edu))

**Oct 21** **Kausik Si**, Stowers Institute

*The biochemical basis of the persistence of memory*

Host: Leonardo Minete Cardozo ([lminetec@ucsd.edu](mailto:lminetec@ucsd.edu))

**Oct 28** **Roman Giger**, University of Michigan

*Neural circuit assembly, plasticity and repair in CNS health and injury*

Host: Alison Caldwell ([alcaldwell@ucsd.edu](mailto:alcaldwell@ucsd.edu))

**Nov 4** **Hubert Amrein**, Texas A&M

*Taste perception and internal nutrient sensing in Drosophila*

Host: Margot Wohl ([mwohl@ucsd.edu](mailto:mwohl@ucsd.edu))

**Dec 2** **Ed Callaway**, The Salk Institute

*Of mice and monkeys: a journey into the visual system*

Host: Laura Sancho ([lsancho@ucsd.edu](mailto:lsancho@ucsd.edu))

**Dec 9** **Chris McBain**, NICHD

*Development and maturation of a cortical feedforward inhibitory pathway*

Host: Andrea Hartzell ([ahartzel@ucsd.edu](mailto:ahartzel@ucsd.edu))

**Dec 16** **Alex Reyes**, New York University

*Mathematical and electrophysiological bases of maps between acoustic and cortical spaces*

Host: Justin Kiggins ([jkiggins@ucsd.edu](mailto:jkiggins@ucsd.edu))

**Jan 6** **Leonard Maler\*\***, University of Ottawa

*And now for something completely different: Active sensing, learning and recurrent networks in the telencephalon of a weakly electric fish*

Host: Ethan McBride ([egmcbri@ucsd.edu](mailto:egmcbri@ucsd.edu))

**Jan 13** **Gyorgy Buzsaki**, New York University

*Brain oscillations organize neural syntax*

Host: Kimberly Reinhold ([kreinhol@ucsd.edu](mailto:kreinhol@ucsd.edu))

**Jan 20** **Susan Lindquist**, Whitehead Institute

*From yeast cells to patient neurons: a powerful discovery platform for combatting neurodegenerative diseases*

Host: Kyle Fischer ([kbfische@ucsd.edu](mailto:kbfische@ucsd.edu))

**Jan 27** **Marlene Behrmann**, Carnegie Mellon

*Alterations in canonical cortical computations in Autism*

Host: Sirawaj Itthipuripat ([sitthipa@ucsd.edu](mailto:sitthipa@ucsd.edu))

**Feb 3** **Garret Stuber**, University of North Carolina

*Dissecting the neural circuits that mediate motivated behaviors*

Host: Jason Keller ([jakeller@ucsd.edu](mailto:jakeller@ucsd.edu))

**Feb 17** **Naoshige Uchida**, Harvard University

*Dissecting the dopamine reward circuit*

Host: Ashley Juavinett ([ajuavine@ucsd.edu](mailto:ajuavine@ucsd.edu))

**Mar 3** **Joshua Sanes**, Harvard University

*Wiring up the retina*

Host: Geoff Weiner ([gweiner@ucsd.edu](mailto:gweiner@ucsd.edu))

**Mar 10** **Peter Strick**, University of Pittsburgh

*Unraveling the "brain – body" connection*

Host: Andy Peters ([ajpeters@ucsd.edu](mailto:ajpeters@ucsd.edu))

**Mar 17** **Emily Liman**, USC

*Taste and the single cell: Uncovering mechanisms of sour transduction*

Host: Aaron Sampson ([asampson@ucsd.edu](mailto:asampson@ucsd.edu))

**Mar 31** **David Woods\*\***, UC Davis

*Neuroimaging studies of human auditory cortex*

Host: Erik Kaestner ([ekaestner@ucsd.edu](mailto:ekaestner@ucsd.edu))

**Apr 7** **Richard Tsien**, New York University

*New views of calcium signaling, synaptic plasticity and neuropsychiatric disorders*

Host: Samantha Scudder ([sscudder@ucsd.edu](mailto:sscudder@ucsd.edu))

**Apr 14** **Phillip Popovich**, The Ohio State University

*Manipulating the neuro-immune axis to promote recovery after spinal cord injury*

Host: Xi Jiang ([x4jiang@ucsd.edu](mailto:x4jiang@ucsd.edu))

**Apr 21** **Erik Jorgensen**, University of Utah

*Ultrafast endocytosis of synaptic vesicles*

Host: Katie Fife ([kfife@ucsd.edu](mailto:kfife@ucsd.edu))

**Apr 28** **Lila Davachi**, New York University

*Behavioral and neural investigations of human memory consolidation*

Host: Maya Sapiurka ([msapiurka@ucsd.edu](mailto:msapiurka@ucsd.edu))

**May 5** **Mel Feany**, Harvard Medical School

*Genetic analysis of neurodegeneration*

Host: Alex Goetz ([agoetz@ucsd.edu](mailto:agoetz@ucsd.edu))

**May 12** **King-Wai Yau**, Johns Hopkins University

*Melanopsin signaling in the eye*

Host: Daniel Knowland ([dknowlan@ucsd.edu](mailto:dknowlan@ucsd.edu))

**May 19** **Axel Nimmerjahn**, The Salk Institute

*The brain's inflammatory response to viral gene transfer*

Host: Tom Gillespie ([tgillesp@ucsd.edu](mailto:tgillesp@ucsd.edu))

**May 26** **Beth Stevens**, Harvard Medical School

*Immune mechanisms of synapse loss in health & disease*

Host: Matthew Boisvert ([mmboisve@ucsd.edu](mailto:mmboisve@ucsd.edu))

**Jun 2** **Xin Jin**, The Salk Institute

*Dissecting the corticostriatal subcircuits for action*

Host: Cailey Bromer ([cbromer@ucsd.edu](mailto:cbromer@ucsd.edu))

**June 9** **Liqun Luo**, Stanford University

*Wiring specificity of neural circuits*

Host: Krista Perks ([kperks@ucsd.edu](mailto:kperks@ucsd.edu))

**SEMINAR SERIES SPONSORS: DART NEUROSCIENCE and UCSD DEPARTMENT OF NEUROSCIENCES**

**\*\*Founder's Lecture, sponsored by Neuroscience Education and Research Foundation**

Seminar Series Committee: Jing Wang Ph.D. (chair), Nicola Allen Ph.D., Jill Leutgeb Ph.D., Larry Squire Ph.D., Jeff Dahlen, Jonathan Garcia

For more information contact [neurograd@ucsd.edu](mailto:neurograd@ucsd.edu)

Image courtesy of Andy Peters