

# Neurosciences Graduate Program, UC San Diego

## 2016-2017 NEUROSCIENCES SEMINAR SERIES

Tuesdays @ 4 pm, CNCB Marilyn G. Farquhar Seminar Room

**OCT 4 LARRY ZWEIFEL, UNIV OF WASHINGTON**

*Genetic segregation of distinct dopamine circuits*  
Host: Sam Asinof (sasino@ucsd.edu)

**OCT 11 JOSEF PARVIZI, STANFORD UNIVERSITY**

*Intracranial recordings and electrical brain stimulation of the human brain: A new era for cognitive neuroscience*  
Host: Aaron Sampson (asampson@ucsd.edu)

**OCT 18 STEVE A. SIEGELBAUM, COLUMBIA UNIVERSITY**

*The hippocampal CA2 region and the social engram*  
Host: Andrea Hartzell (ahartzel@ucsd.edu)

**OCT 25 SURYA GANGULI, STANFORD UNIVERSITY**

*A theory of neural dimensionality, dynamics and measurement*  
Host: Kathleen Quach (ktquach@ucsd.edu)

**NOV 1 LARRY W. SWANSON, USC**

*Global macroconnectomics*  
**Founder's Lecture in honor of Dr. Robert Livingston**  
Sponsored by Neuroscience Research and Education Foundation  
Host: Tom Gillespie (tgillesp@ucsd.edu)

**NOV 8 VERONIQUE BOHBOT, MCGILL UNIVERSITY**

*Early detection, sex differences and intervention in healthy older adults at risk of Alzheimer's disease*  
Host: Ege Yalcinbas (eyalcinb@ucsd.edu)

**NOV 29 SUSAN L. ACKERMAN, UC SAN DIEGO**

*Defects in translation and neurological disorders*  
Host: Alex Goetz (agoetz@ucsd.edu)

**DEC 6 JENNIFER C. DARNELL, ROCKEFELLER**

*Translational control by the RNA binding protein FMRP: Targets and mechanism related to Fragile X Syndrome*  
Host: Caroline Sferrazza (csferraz@ucsd.edu)

**DEC 13 MARSHALL SHULER, JOHNS HOPKINS**

*The neural genesis of reward timing and a theory of intertemporal decision making*  
Host: Ethan McBride (egmcbride@ucsd.edu)

**JAN 10 ALLEN I. SELVERSTON, UC SAN DIEGO**

*Chasing circuits in the brain: Bullock and some insights from invertebrate nervous systems*  
**Founder's Lecture in honor of Dr. Theodore Bullock**  
Sponsored by Neuroscience Research and Education Foundation  
Host: Brad Theilman (btheilma@ucsd.edu)

**JAN 17 MARIA DONOGHUE, GEORGETOWN UNIVERSITY**

*Orchestration of neuronal differentiation and progenitor pool expansion in the developing cerebral cortex by SoxC transcription factors*  
Host: Catie Profaci (cprofaci@ucsd.edu)

**JAN 24 STEPHEN LIBERLES, HARVARD MEDICAL**

*Internal and external sensory systems*  
Host: Norah Koblesky (nkoblesky@ucsd.edu)

**JAN 31 NANCY KOPELL, BOSTON UNIVERSITY**

*Rhythms, routing and resonance*  
Host: Marvin Thielk (mthielk@ucsd.edu)

**FEB 7 VIVIANA GRADINARU, CAL TECH**

*On brain circuits and tools: switches for locomotion, reward, and a viral-based approach to non-invasive whole-brain cargo delivery*  
Host: Katie Fife (kfife@ucsd.edu)

**FEB 21 KAY M. TYE, MIT**

*Neural circuits involved in processing emotional valence*  
Host: Jason Keller (jakeller@ucsd.edu)

**FEB 28 ERIC NESTLER, MOUNT SINAI MED SCHOOL**

*Transcriptional and epigenetic mechanisms of depression*  
Host: Daniel Knowland (dknowlan@ucsd.edu)

**MAR 7 MICHAEL HALASSA, NEW YORK UNIVERSITY**

*An executive pathway for rapid control of sensory thalamic gain during attentional processing*  
Host: Matt Boisvert (mmboisve@ucsd.edu)

**MAR 14 A. DAVID REDISH, UNIVERSITY OF MINNESOTA**

*Observing cognitive processes with neural ensembles: from planning and deliberation to imagination and mind-wandering*  
Host: Geoffrey Diehl (gdiehl@ucsd.edu)

**MAR 21 VALERIA CAVALLI, WASHINGTON UNIVERSITY**

*Epigenetic mechanisms in axon regeneration*  
Host: Kelsey Ladit (kladit@ucsd.edu)

**APR 4 ROBERT T. KNIGHT, UC BERKELEY**

*Insights into human cognition from intracranial recording*  
**Founder's Lecture in honor of Dr. Robert Galambos**  
Sponsored by Neuroscience Research and Education Foundation  
Host: Erik Kaestner (ekaestner@ucsd.edu)

**APR 11 WESLEY L. GRUEBER, COLUMBIA UNIVERSITY**

*Mechanisms of somatosensory wiring specificity*  
Host: Anupam Garg (akgarg@ucsd.edu)

**APR 18 GAIL MANDEL, OREGON HEALTH AND SCIENCE**

*Despite jet lag, stress and grant deadlines, adults get plenty of REST*  
Host: Alie Caldwell (alcaldwell@ucsd.edu)

**APR 25 FRANCESCA BARTOLINI, COLUMBIA UNIVERSITY**

*A novel role for formin mediated microtubule stabilization pathways in Amyloid beta synaptotoxicity*  
Host: Kelsey Ladit (kladit@ucsd.edu)

**MAY 2 KENTA ASAHINA, SALK INSTITUTE**

*Neural and genetic mechanisms underlying fighting strategies*  
Host: Megan Kirchgessner (makirchg@ucsd.edu)

**MAY 9 ERIK ULLIAN, UC SAN FRANCISCO**

*What's so special about human astrocytes?*  
Host: Geoff Weiner (gweiner@ucsd.edu)

**MAY 16 KRISTEN M. HARRIS, UT AUSTIN**

*Allocation of subcellular resources for synaptic plasticity*  
Host: Laura Sancho (lsancho@ucsd.edu)

**MAY 23 ROBERT DESIMONE, MIT**

*A causal analysis of the attentional network*  
Host: Vy Vo (vav001@ucsd.edu)

**MAY 30 LILY JAN, UC SAN FRANCISCO**

*Unexpected channel functions in the nervous system*  
Host: Marc Marino (mjmarino@ucsd.edu)

**JUNE 6 MARK MAYFORD, UC SAN DIEGO**

*Neural representation of memory*  
Host: Xi Jiang (x4jiang@ucsd.edu)

FOR MORE INFORMATION VISIT [HTTP://NEUROGRAD.UCSD.EDU](http://neurograd.ucsd.edu)

#### SEMINAR SERIES COMMITTEE:

Joseph Gleeson MD, Shelley Halpain PhD, Nicola Allen PhD, Jill Leutgeb PhD, Larry Squire PhD  
Margot Wohl, Kelsey Ladit, Bankole Arongudade, Stephen Johnston, Kathleen Quach

Image courtesy of Varoth Lilascharoen from the Byungkook Lim lab.