



NEUROSCIENCES SEMINAR SERIES

UC SAN DIEGO NEUROSCIENCES GRADUATE PROGRAM SPRING 2021

TUESDAYS @ 4 PM (unless otherwise noted**) Zoom meeting ID: 815 4766 2915

Mar 30, 2021

OLAF SPORNS Indiana University

Network organization and dynamics of the human connectome

Host: Seraphina Solders [ssolders@ucsd.edu]

Apr 6, 2021

ANN HERMUNDSTAD

Janelia Research Campus

Where now and where next? Extracting heading and goal through structured action

Host: Brad Theilman [btheilma@ucsd.edu]

Apr 13, 2021

MARK CHURCHLAND Columbia University

Primate motor cortex exerts detailed control of muscle activity

Host: Ben Temple [batemple@ucsd.edu]

Apr 20, 2021 **9:00 a.m.

PETER SCHEIFFELE Universität Basel

Building functional circuits: From RNA splicing to Autism

Host: Jess Du [j4du@ucsd.edu]

Apr 27, 2021

LOREN FRANK UC San Francisco

Hippocampal replay: What is it and what is it good for?

Host: Ryan Golden [rygolden@ucsd.edu]

May 11, 2021

TIM RYAN Weill Cornell Medicine

The cost of thinking and not thinking: Metabolic control of synapses

Host: Norah Al-Azzam [nhoussie@ucsd.edu]

May 18, 2021

MICHAEL HAUSSER **12:00 p.m.

University College London

Foraging causal links between neural circuit activity and behavior

Host: Xiaochun Cai [xic355@ucsd.edu]

May 25, 2021

NATHANIEL SAWTELL Columbia University

Neural mechanisms for predicting the sensory consequences of action: Insights from weakly electric fish

Founder's Lecture in Honor of Dr. Theodore Bullock*

Host: Emily Baltz [etbaltz@ucsd.edu]

Jun 1, 2021

BO LI Cold Spring Harbor Laboratory

Dissecting the neural circuitry underlying motivational behaviors

Host: Emily Baltz [etbaltz@ucsd.edu]

Jun 8, 2021

TALIA LERNER Northwestern University

Dopamine circuits driving the transition to habit

Host: Christopher Lee [crlee@ucsd.edu]

Jun 15, 2021

MATTHEW BOTVINICK

DeepMind/University College London

Deep reinforcement learning and its neuroscientific implications

Host: Ben Tsuda [btsuda@ucsd.edu]

NEUROSCIENCES GRADUATE PROGRAM

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SEMINAR SERIES COMMITTEE: Students: Ryan Golden, Tim Sheehan, Ben Temple

Faculty: Joseph Gleeson, M.D. (Chair), Matthew Banghart, Ph.D., Richard Daneman, Ph.D., Tina Gremel, Ph.D., Jill Leutgeb, Ph.D., Lara Rangel, Ph.D.

*Founder's Lecture and Chair's Lectures sponsored by the Neuroscience Education Research Foundation (NERF).