

Neural and Behavioral Science SEMINAR SERIES 2010-2011
School of Graduate Studies SUNY Downstate Medical Center
450 Clarkson Avenue Brooklyn, NY 11203-2098
Seminars will begin at 12 noon at a location to be announced.
For more information regarding the seminars call: 718.270.2740

Sept. 16
Multiscale models for computations within and between neurons
Ravi Iyengar, PhD
Dorothy H. and Lewis Rosenthal Professor
Professor and Chair
Department of Pharmacology & System Therapeutics
Mt. Sinai School of Medicine

Sept. 29
Perceptual Bistability
John Rinzel, PhD
Professor, Center for Neural Science
New York University

Oct. 14
Dynamic Organization of Cortical Networks
Mingzhou Ding, PhD
Professor, Department of Biomedical Engineering
University of Florida

Oct. 28
Excitatory GABA, interneuron networks, and epilepsy
Katherine Perkins, PhD
Associate Professor, Department of Physiology and Pharmacology
Downstate Medical Center

Nov. 4
Ischemic Stroke Interventions: Neuroprotection and Beyond
Frank Barone, PhD
Professor, Department of Neurology
Downstate Medical Center

Dec. 9
Using transcranial magnetic stimulation and direct brain polarization to understand and improve motor behavior
Pablo Celnik, PhD
Assistant Professor, Department of Neurology
Johns Hopkins University

Feb. 3
Parallel Methods for Analyzing Network Models and Data
Larry Abbott, PhD
William Bloor Professor of Theoretical Neuroscience
Professor, Department of Physiology and Cellular Biophysics
Columbia University

Feb. 17
Microcircuit organization of mouse motor cortex
Gordon MG Shepherd, MD, PhD
Assistant Professor, Department of Physiology
Northwestern University

Mar. 3
Neuronal Oscillations in Active Sensing and Perceptual Selection
Charles Schroeder, PhD
Professor, Cognitive Neuroscience and Schizophrenia Program, Nathan S. Kline Institute for Psychiatric Research
Columbia University

Mar. 11
How neuromodulators affect LTP and learning: non-Hebbian requirements, spaced-associative properties and synaptic tagging
Julietta U. Frey, PhD
Professor, Leibniz Institute for Neurobiology
Magdeburg, Germany

Mar. 17
Parallel Methods for Analyzing Network Models and Data
Larry Abbott, PhD
William Bloor Professor of Theoretical Neuroscience
Department of Physiology and Cellular Biophysics
Columbia University

Mar. 28
Braintrust: What Neuroscience Tells us about Morality
Patricia Churchland, PhD
Professor Emeritus, Salk Institute
University of California San Diego

Mar. 31
Dependence of hippocampal excitability in the female and male rat on the neurotrophin BDNF
Helen Scharfman, PhD
Professor, Department of Physiology & Neuroscience and Psychiatry
New York University Langone Medical Center

Apr. 14
The role of BDNF and estrogen in hippocampal excitability
Richard Adams, PhD
Lecturer, Department of Physiology, Development and Neuroscience
University of Cambridge

Apr. 28
Manipulating excitatory/inhibitory balance alters in vitro neuronal network dynamics
Rhonda Dzakpasu, PhD
Clare Booth Luce Assistant Professor of Physics
Assistant Professor of Pharmacology
Georgetown University

May 12
Phase-Amplitude coupling in the visual system
David Chorlian, PhD
Senior Scientific Programmer, Department of Psychiatry
SUNY Downstate Medical Center

Jun 2 Testing hypothesis about coding and computation in the visual system
Sheila Nirenberg, PhD
Associate Professor, Department of Physiology and Biophysics
Weill Medical College of Cornell University

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