

Neural & Behavioral Science Program
School of Graduate Studies
SUNY Downstate Medical Center
Seminar Series 2006/2007
Wednesdays at 12:00 pm unless noted otherwise

- Sept 28** **“Modeling the Rodent Path Integration Circuit in Medial Entorhinal Cortex”**
David Touretzky, PhD
Research Professor, Department of Computer Science
Carnegie-Mellon University
- Oct 25** **“Diffusion in the CNS: From Quantum Dots to Drug Delivery”**
Charles Nicholson, PhD
Professor, Department of Physiology
NYU School of Medicine
- Nov 8** **“Organization of Behavioral Repertoire in Motor Cortex”**
Michael Graziano, PhD
Assistant Professor, Department of Psychology
Princeton University
- Dec 6** **“PKMzeta, LTP maintenance, and hippocampal memory storage”**
Todd Sacktor, MD
Professor, Department of Physiology & Pharmacology
SUNY Downstate Medical Center
- Jan 17** **“Neuronal Oscillations are Instrumental in Primary Cortical Operations”**
Charles Schroeder, PhD
Cognitive Neuroscience and Schizophrenia Program
Nathan S. Kline Institute for Psychiatric Research
Professor of Psychiatry
Columbia University
- Jan 31** **“Hippocampal and Non-Hippocampal Spatial Learning”**
Norman White, PhD
Professor of Physiology
McGill University, Montreal
- Feb 28** **“Closed Loop Brain-Machine Interfaces”**
John Chapin, PhD
Professor, Department of Physiology & Pharmacology
SUNY Downstate Medical Center

- March 7** **“The Hippocampal Role in Context and Memory”**
Lynn Nadel, PhD
Regents Professor, Department of Psychology
University of Arizona
- Mar 14** **“A Corollary Discharge for Action and Perception”**
Robert Wurtz, PhD
Laboratory of Sensorimotor Research
National Eye Institute, NIH
- Mar 28** **“Associative Learning Signals in the Monkey Medial Temporal Lobe”**
Wendy Suzuki, PhD
Associate Professor, Center for Neural Sciences
New York University
Downstate Medical Center
- May 9** **“Synaptic Plasticity and the Development of the Layer 4 Barrel Cortex Circuit”**
John Isaac, PhD
NINDS Investigator, NIH
- May 10** Special Seminar at 2:30 pm
“The Entorhinal Cortex. Functional perspectives based on architecture”
Menno Witter, PhD
Center for the Biology of Memory
NTNU, Norway
Department of Anatomy & Neurosciences
VU University Medical Center, Amsterdam, The Netherlands
- May 23** **“Multiple Memory Systems: The Power of Interactions”**
Dr. Robert J McDonald
Canada Research Chair
Department of Neuroscience
Canadian Center for Behavioral Neuroscience
University of Lethbridge, Alberta
- May 30** **“Identification of a Novel Signaling Complex Controlling Isoactin Dynamics and Cell Motility”**
Ira Herman, PhD
Professor of Cell and Molecular Physiology
Tufts University School of Medicine
- Jun 20** **“Memory Coding in the Mammalian Brain”**
Matthew Shapiro, PhD
Associate Professor, Fishberg Department of Neuroscience
Mount Sinai School of Medicine