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
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<tr>
<th>Date</th>
<th>Title</th>
<th>Speaker</th>
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<tr>
<td>March 7</td>
<td>“The Hippocampal Role in Context and Memory”</td>
<td>Lynn Nadel, PhD&lt;br&gt;Regents Professor, Department of Psychology&lt;br&gt;University of Arizona</td>
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<td>Mar 14</td>
<td>“A Corollary Discharge for Action and Perception”</td>
<td>Robert Wurtz, PhD&lt;br&gt;Laboratory of Sensorimotor Research&lt;br&gt;National Eye Institute, NIH</td>
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<td>Mar 28</td>
<td>“Associative Learning Signals in the Monkey Medial Temporal Lobe”</td>
<td>Wendy Suzuki, PhD&lt;br&gt;Associate Professor, Center for Neural Sciences&lt;br&gt;New York University&lt;br&gt;Downstate Medical Center</td>
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<td>May 9</td>
<td>“Synaptic Plasticity and the Development of the Layer 4 Barrel Cortex Circuit”</td>
<td>John Isaac, PhD&lt;br&gt;NINDS Investigator, NIH</td>
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<td>May 10</td>
<td>Special Seminar at 2:30 pm</td>
<td>“The Entorhinal Cortex. Functional perspectives based on architecture”</td>
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<td>May 23</td>
<td>“Multiple Memory Systems: The Power of Interactions”</td>
<td>Dr. Robert J McDonald&lt;br&gt;Canada Research Chair&lt;br&gt;Department of Neuroscience&lt;br&gt;Canadian Center for Behavioral Neuroscience&lt;br&gt;University of Lethbridge, Alberta</td>
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<td>May 30</td>
<td>“Identification of a Novel Signaling Complex Controlling Isoactin Dynamics and Cell Motility”</td>
<td>Ira Herman, PhD&lt;br&gt;Professor of Cell and Molecular Physiology&lt;br&gt;Tufts University School of Medicine</td>
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