

**THE UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER  
THE NEUROSCIENCE INSTITUTE  
SEMINAR SERIES SCHEDULE**

**FALL 2006**

**12:00 Noon**

**Link Auditorium**

**Detlef H. Heck, Ph.D.**

**August 22, 2006**

**Assistant Professor**

**Department of Anatomy & Neurobiology**

**UTHSC**

**TITLE: "Structure and Function of the Cerebellar Cortex: Conducting the Neuronal Symphony"**

**Ronald L. Davis, Ph.D.**

**(Dr. Angela Cantrell, Host)**

**August 29, 2006**

**R.P. Doherty-Welch Chair in Science**

**Department of Molecular & Cellular Biology**

**Department of Psychiatry & Behavioral Sciences**

**Baylor College of Medicine**

**Houston, TX**

**TITLE: "Watching Memories Form: Multiple Olfactory Memory Traces in Drosophila"**

**Labor Day Holiday**

**September 5, 2006**

**Gary Aston-Jones, Ph.D.**

**(Dr. Shannon Matta, Host)**

**September 12, 2006**

**Professor of Neuroscience**

**Medical University of South Carolina**

**Charleston, SC**

**TITLE: "The Cortex in Context: Locus Coeruleus, Optimal Performance, and Maximal Utility"**

**Paul B. Manis, Ph.D.**

**(Dr. Robert Foehring, Host)**

**September 19, 2006**

**Cell & Molecular Physiology**

**The University of North Carolina @ Chapel Hill**

**Chapel Hill, NC**

**TITLE: "Spike Timing and an Inhibitory Neural Network in the Dorsal Cochlear Nucleus: Mechanisms for Tinnitus?"**

**Wen Lin Sun, Ph.D.**

**September 26, 2006**

**Associate Professor**

**Department of Pharmacology**

**UTHSC**

**TITLE: "Neurobiology of Cocaine Addiction"**

**Robert Grainger** (Dr. Monica Jablonski, Host) **October 3, 2006**  
University of Virginia  
Department of Biology, Gilmer Hall  
Charlottesville, VA  
TITLE: "Xenopus Tropicalis: A New Model for Vertebrate Developmental Genetics"

**Mike Friedlander, Ph.D.** (Dr. Eldon Geisert, Host) **October 10, 2006**  
Wilhelmina Robertson Professor & Chair  
Department of Neuroscience & Director of Neuroscience Initiatives  
Baylor College of Medicine  
Houston, TX  
TITLE: "Dynamic Modulation of Signaling in the Visual Cortex"

Neuroscience Annual Meeting **October 17, 2006**

**David Freeman, Ph.D.** **October 24, 2006**  
Assistant Professor  
Department of Biology  
University of Memphis  
TITLE: "Neuroendocrine Regulation of Seasonality in Siberian Hamsters"

**James Morgan, Ph.D.** **October 31, 2006**  
Professor and Chair  
Department of Developmental Neurobiology  
St. Jude Children's Research Hospital  
TITLE: TBA

**Paul D. Shepard, Ph.D.** (Dr. Jay Callaway, Host) **November 7, 2006**  
Associate Professor  
Department of Psychiatry & the Maryland Psychiatric Research Center  
School of Medicine  
TITLE: "And the Beat Goes On – or Does It? Autogenous Rhythmicity and its Relevance to Dopamine Cell Firing Patterns"

**Dr. Wendy Stone** (Dr. Dan Goldowitz, Host) **November 17, 2006**  
Vanderbilt University  
Nashville, TN  
TITLE: "Early Identification of Autism: Challenges and Strategies"  
**Dr. Pat Levitt**  
Vanderbilt University  
Nashville, TN  
TITLE: "Translational Research Strategies Applied to Autism"

**Kendal S. Broadie** (Dr. Thomas Schikorski, Host) **November 21, 2006**  
**Department of Biological Sciences**  
**Vanderbilt University**  
**Nashville, TN**  
**TITLE: “Two Tales of Synaptogenesis: ECM-Integrin Signaling and Translation Regulation by the Fragile X Mental Retardation Protein”**

**Ian Whishaw, F.R.S.C.** (Dr. Detlef Heck, Host) **November 28, 2006**  
**Board of Governors Research Chair**  
**Canadian Centre for Behavioural Neuroscience**  
**The University of Lethbridge**  
**Alberta, Canada**  
**TITLE: “The Evolution of Skilled Hand Movement: Its Function in Health and Disease”**

**John A. Dani, Ph.D.** (Dr. Fuming Zhou, Host) **December 5, 2006**  
**Division of Neuroscience**  
**Baylor College of Medicine**  
**Houston, TX**  
**TITLE: “Nicotinic and Dopaminergic Mechanisms Contributing to Nicotine Addiction”**

**Michael L. Platt, Ph.D.** (Graduate Students, Host) **December 12, 2006**  
**Assistant Professor** (Jeri Bryant)  
**Department of Neurobiology**  
**Center for Cognitive Neuroscience**  
**Department of Biological Anthropology & Anatomy**  
**Duke University Medical Center**  
**Durham, NC**  
**TITLE: TBA**