



THE  
**NEUROSCIENCE INSTITUTE**  
UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER

## **NEUROSCIENCE SEMINAR SERIES SCHEDULE**

### **Spring 2012**

Ricardo Araneda, Ph.D.  
Host: Matt Ennis, Ph.D.  
Assistant Professor  
Department of Biology  
University of Maryland

January 24, 2012

Title: "Neuromodulation in the Olfactory Bulb and Odor Processing"

Matthew Farrer, Ph.D.  
Host: Mark LeDoux, M.D., Ph.D.  
Professor  
Department of Medical Genetics  
Canada Excellence Research Chair in Neurosciences  
Senior Scientist  
Brain Research Centre  
University of British Columbia

January 31, 2012

Title: "Molecular Pathogenesis of Parkinson's Disease"

Reese Scroggs, Ph.D.  
Associate Professor  
Department of Anatomy and Neurobiology  
UTHSC

February 7, 2012

Title: "Serotonergic Modulation of Low-threshold Tetrodotoxin-resistant Sodium Current in Rat Nociceptors "

JoAnne McLaurin, Ph.D.

February 14, 2012

Host: Michael McDonald, Ph.D.

Professor

Department of Laboratory Medicine and Pathobiology

University of Toronto

Title: "Scyllo-inositol, a Potential Treatment for Alzheimer's Disease"

David J. Solecki, Ph.D.

February 21, 2012

Host: Kristin Hamre, Ph.D.

Assistant Member

Department of Developmental Neurobiology

St. Jude Children's Research Hospital

Title: "Siah Regulation of the PAR Complex Controls Neuronal Cell Adhesion during Germinal Zone Exit"

Peter Hedera, M.D., Ph.D., FACMG

February 28, 2012

Host: Mark LeDoux, M.D., Ph.D.

Associate Professor

Department of Neurology

Vanderbilt University Medical Center

Title: "Hereditary Spastic Paraplegia – Many Genes, How Many Pathways?"

Streamson Chua, Jr., M.D., Ph.D.

March 6, 2012

Host: Ioannis Dragatsis, Ph.D.

Professor

Departments of Medicine and Neuroscience

The Albert Einstein College of Medicine of Yeshiva University

Title: "Neuronal Network Regulating Feeding and Metabolism"

Joe Hollyfield, Ph.D.

March 20, 2012

Host: Tonia Rex, Ph.D.

Chairman

Department of Ophthalmic Research

Llura and Gordon Gund Professor of Ophthalmology Research

Cole Eye Institute

Cleveland Clinic Lerner College of Medicine

Title: "The Link Between Oxidative Damage, Inflammation, and Age-related Macular Degeneration"

Stephen Dewey, Ph.D.

March 27, 2012

Host: Kristin Hamre, Ph.D.

Co-Director

Laboratory of Molecular and Behavioral Neuroimaging

Center for Neurosciences

Feinstein Institute for Medical Research

Title: "Effects of Drugs of Abuse on the Human Brain"

Preston Garraghty, Ph.D.

April 3, 2012

Host: Robert Waters, Ph.D.

Professor

Department of Psychological and Brain Sciences

Indiana University Bloomington

Title: "Plasticity and Metaplasticity in Adult Primate Somatosensory System"

Stella M. Papa, M.D.

April 10, 2012

Host: Fu-Ming Zhou, Ph.D.

Assistant Professor

Department of Neurology

Emory University

Title: "Progressive Dysfunction of Striatal Neurons in Parkinson's Disease"

Mark A. Stopfer, Ph.D.

April 17, 2012

Host: Kazuko Sakata, Ph.D.

Investigator

Laboratory of Cellular and Synaptic Neurophysiology

Porter Neuroscience Research Center

NICHD

Title: "Roles of Olfactory Receptor Neurons in Establishing Neural Codes for Odors"

Jeffrey S. Diamond, Ph.D.

April 24, 2012

Host: Robert Foehring, Ph.D.

Senior Investigator

Synaptic Physiology Section

Porter Neuroscience Research Center

NINDS

Title: "Specialized Synapses Compute Visual Information in the Retina"

Peter G. Smith, Ph.D.

May 1, 2012

Host: Jena Steinle, Ph.D.

Professor

Department of Molecular and Integrative Physiology

Co-Director

Kansas Intellectual and Developmental Disabilities Research Center

Founding Director

Institute for Neurological Disorders

University of Kansas Medical Center

Title: "Peripheral Nervous System Plasticity and Chronic Pain"

Robert Nicholls, D.Phil.

May 8, 2012

Host: Larry Reiter, Ph.D.

Professor

Division of Medical Genetics

Department of Pediatrics

Children's Hospital of Pittsburgh of UPMC

University of Pittsburgh School of Medicine

Department of Human Genetics

University of Pittsburgh School of Public Health

Title: "Molecular Neurogenetics of Prader-Willi Syndrome and Hereditary Spastic Paraplegias"

Muna Naash, Ph.D.

May 15, 2012

Host: Monica Jablonski, Ph.D.

Professor

Department of Cell Biology

Director

Cell Biology Graduate Program

The University of Oklahoma College of Medicine

Title: "Nanoparticle-mediated Gene Supplementation Therapy for Inherited Retinal Dystrophies"