

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

SEMINAR SERIES SCHEDULE

SPRING 2007

12:00 Noon

Link Auditorium

Ryoichi Teruyama, Ph.D.
Assistant Professor
Department of Anatomy & Neurobiology
UTHSC

January 9, 2007

TITLE: "Intrinsic Membrane Properties of Neurohypophysial Endocrine Cells in the Supraoptic Nucleus"

MLK Holiday (Seminar Cancelled)

January 9, 2007

Jack L. Feldman, Ph.D. (Dr. Detlef Heck, host)
Distinguished Professor
UCLA, Neurobiology

January 23, 2007

TITLE: "Looking for Inspiration: New Perspectives on the Neural Control of Breathing"

Thaddeus S. Nowak, Jr. Ph.D.
Professor
Department of Neurology
UTHSC

January 30, 2007

TITLE: "Protective 'Preconditioning' of Hippocampus by Global Brain Ischemia: An Approach to Mechanistic Studies Through Refinements in Modeling"

Martha Flanders, Ph.D. (Dr. Randall Nelson, host)
Professor, Department of Neuroscience
Director of Undergraduate Education
University of Minnesota
Minneapolis, MN

February 6, 2007

TITLE: "Neuromuscular Control of Hand Movement"

Eve Marder, Ph.D. (Dr. Robert Foehring, host)
Victor and Gwendolyn Beinfield Professor of Neuroscience
Chair, Biology Department
Volen Center and Biology Department
Brandeis University
Waltham, MA

February 13, 2007

TITLE: "Variability, Homeostasis, and Compensation in a Rhythmic Motor System"

Barry Waterhouse, Ph.D. (Dr. Matt Ennis, host) February 20, 2007
Professor, Drexel University
Department of Neurobiology & Anatomy
Philadelphia, PA

TITLE: “Neurobiology of the Locus Coeruleus – Noradrenergic system: Translating the Basic Science of Norepinephrine to Clinical Relevance”

Lori L. McMahon, Ph.D. (Dr. Fuming Zhou, host) March 6, 2007
Associate Professor
Department of Physiology & Biophysics
University of Alabama @ Birmingham
Birmingham, AL

TITLE: “Hippocampal Cholinergic Denervation, Sympathetic Sprouting, and Long-Term Depression at CA3-CA1 Synapses”

Dan Bonthius, M.D., Ph.D. (Dr. Robert Waters, host) March 13, 2007
Department Pediatrics
University of Iowa
Iowa City, IA

TITLE: “Alcohol and the Developing Brain: Pharmacology, Anatomy and Gene Therapy”

Jeff Tasker, Ph.D. (Dr. William Armstrong, host) March 20, 2007
Tulane University
Department Cell & Molecular Biology
New Orleans, LA

TITLE: “Novel Glucocorticoid Regulation of Hypothalamic Neuroendocrine Cells via a Novel Membrane Receptor”

Gordon Burghardt, Ph.D. (Dr. Dan Goldowitz, host) March 27, 2007
Department of Psychology or
Department of Ecology & Evolutionary Biology
University of Tennessee, Knoxville
Knoxville, TN

TITLE: “Genetics, Geography and Behavior Profiling of Natricine Snakes”

Todd C. Sacktor, M.D. (Dr. Steve Tavalin, host) April 10, 2007
SUNY Downstate Medical Center
Department Physiology & Pharmacology
Brooklyn, NY

TITLE: “PKMzeta, LTP Maintenance, and the Dynamic Molecular Biology of Long-Term Memory Storage”

Jian-Xing Ma, M.D., Ph.D. (Dr. Jian Zuo, host) April 17, 2007
Professor & Laureate Chair
The University of Oklahoma Health Science Center
Department of Medicine Endocrinology

TITLE: “Retinoid Visual Cycle and Photoreceptor Degeneration”

Ron Harper, Ph.D. (Dr. Detlef Heck, host) April 24, 2007
Distinguished Professor of Neurobiology
David Geffen School of Medicine @ UCLA
Los Angeles, CA

TITLE: “Imaging of Cerebellar and Limbic Structure and Function in Sleep-Disordered Breathing”

Harry Orr, Ph.D. (Dr. Dan Goldowitz, host) May 1, 2007
Department of Genetics, Cell Biology
and Development and the Institute of Human Genetics
Minneapolis, MN

TITLE: “The Role of Protein Interactions and Cell Signaling in SCA1 Pathogenesis”

Richard Aldrich, Ph.D. (Dr. Alex Dopico, host) May 8, 2007
Chair Section of Neurobiology
University Texas @ Austin
Austin, TX

TITLE: “Mechanisms of Voltage and Calcium Activated Potassium Channel Function”

Edward Dudek, Ph.D. (Dr. William Armstrong, host) May 15, 2007
Professor and Chair
Department of Physiology
University of Utah School of Medicine
Salt Lake City, UT

TITLE: “Progressive Development of Spontaneous Seizures in Experimental Epilepsy”

John Boughter, Ph.D. May 22, 2007
Assistant Professor
Department of Anatomy & Neurobiology
UTHSC

TITLE: “Dissection of a Central Pattern Generator”