

**THE UNIVERSITY OF TENNESSEE, MEMPHIS
THE CENTER FOR NEUROSCIENCE**

SEMINAR SERIES SCHEDULE

SPRING 2001

12:00 Noon, Link Auditorium

January 23, 2001

ROBERT WATERS PH.D.

Professor, Department of Anatomy & Neurobiology
University of Tennessee Health Science Center
Memphis, Tennessee

TITLE: "PLASTICITY IN SOMATOSENSORY CORTEX: A SHOW OF HANDS"

January 30, 2001

PAUL FUCHS, PH.D.

Professor, Department of Otolaryngology
Biomedical Engineering & Neuroscience
Johns Hopkins University
Baltimore, Maryland

TITLE: "CHOLINERGIC INHIBITION OF COCHLEAR HAIR CELLS"

February 6, 2001

STAN FRANKLIN, PH.D.

Professor, Department of Mathematical Sciences
Co-Director, Institute for Intelligent Systems
University of Memphis
Memphis, Tennessee

TITLE: "MODELLING COGNITION WITH CONSCIOUS SOFTWARE AGENTS"

February 13, 2001

NO PRESENTATION TODAY

February 20, 2001

DOUG SWANSON, PH.D.

Postdoctoral Research Trainee
Department of Anatomy and Neurobiology
University of Tennessee Health Science Center
Memphis, Tennessee

TITLE: "MOLECULAR DISSECTION OF CEREBELLAR DEVELOPMENT: THE ROLE OF PAX 6"

February 27, 2001

THOMAS INSEL, PH.D.

Director, Center for Behavioral Neuroscience
Emory University
Atlanta, Georgia

TITLE: "THE MOLECULAR BASIS OF MONOGAMY"

March 6, 2001

MARTHA FLANDERS, PH.D.

Professor, Department of Neuroscience
University of Minnesota
Minneapolis, Minnesota

TITLE: "NEUROMUSCULAR CONTROL OF ARM MOVEMENT"

March 13, 2001

HITOSHI KITA, PH.D.

Professor, Department of Anatomy & Neurobiology
University of Tennessee Health Science Center
Memphis, Tennessee

TITLE: "INPUTS AND OUTPUTS OF THE GLOBUS PALLIDUS"

March 20, 2001

PAUL HERRON, PH.D.

Associate Professor, Department of Anatomy & Neurobiology
University of Tennessee Health Science Center
Memphis, Tennessee

TITLE: "REMEDICATION OF EFFECTS OF CORTICAL CHOLINERGIC DEPLETION WITH NEUROTROPHINS"

March 27, 2001

CAROL BARNES, PH.D.

Professor, Department of Psychology & Neurology
ARL Division of Neural Systems
University of Arizona
Tucson, Arizona

TITLE: "AGING AND SPATIAL MEMORY FROM NEUROPLASTICITY TO POPULATION DYNAMICS"

April 3, 2001

BILL SPAIN, PH.D.

Associate Professor, Department of Neurology
University of Washington
Seattle, Washington

TITLE: "MECHANISMS OF COINCIDENCE DETECTION IN CENTRAL NEURONS"

April 10, 2001

MARK WEST, PH.D.

Professor, Department of Psychology
Rutgers University, Busch Campus
New Brunswick, New Jersey

TITLE: "DOPAMINE ELUSIVE EFFECTS ON THE FIRING OF BASAL GANGLIA NEURONS DURING DOPAMINE-RELATED BEHAVIORS"

April 17, 2001

ANDREA ELBERGER, PH.D.

Professor, Department of Anatomy & Neurobiology
University of Tennessee Health Science Center
Memphis, Tennessee

TITLE: "FETAL ALCOHOL EXPOSURE: NOT A CASE OF GOOD SPIRITS"

April 24, 2001

COLIN BROWN, PH.D.

Research Fellow, Department of Biomedical Sciences
University of Montreal
Montreal, Canada

TITLE: "DENDRITIC MODULATION OF ACTIVITY PATTERNING IN VASOPRESSIN CELLS"

May 15, 2001

JEREMY TURNER, PH.D.

Assistant Professor, Department of Psychology
University of Tennessee at Martin
Martin, Tennessee

TITLE: USING THE MOUSE ACOUSTIC STARTLE RESPONSE TO STUDY THE NEURAL MECHANISMS OF FEAR AND SENSORY GATING

May 18, 2001

PAT LEVITT, PH.D.

Thomas Detre Professor of Neuroscience and Chair, Department of Neurobiology
University of Pittsburgh

Pittsburgh, Pennsylvania

TITLE: MICROARRAY PROFILING OF NEUROPSYCHIATRIC DISORDERS: IS
SCHIZOPHRENIA A DISEASE OF THE SYNAPSE?

June 5, 2001

SHARLEEN SAKAI, PH.D.

Professor, Department of Psychology and Neuroscience Program
Michigan State University
East Lansing, Michigan

TITLE: THE ORGANIZATION OF MOTOR THALAMUS
