Xiaoxi Zhuang, Ph.D.  (Host – Dr. Fuming Zhou)  August 31, 2004
Assistant Professor
Neurobiology, Pharmacology & Physiology
University of Chicago
Chicago, IL

TITLE:  “Opening the black box with genetic tools: Analysis of dopamine and control of behavior

Anna Marie Kenney, Ph.D.  (Pediatric Faculty Candidate)  September 7, 2004
Instructor in Pediatrics
Dana-Farber Cancer Institute
Harvard Medical School
Boston, MA

TITLE:  “Sonic hedgehog signaling in brain development and tumorigenesis”

Donald B. Katz, Ph.D.  (Host – Dr. David Smith)  September 14, 2004
Assistant Professor of Psychology &
Volcan National Center for Complex Systems
Brandeis University

TITLE:  “The Many Flavors of Temporal Coding in Gustatory Cortex”

Hyder A. Jinnah, Ph.D.  (Host – Dr. Mark LeDoux)  September 21, 2004
Assistant Professor
Department of Neurology
Johns Hopkins University
Baltimore, MD

TITLE:  “The Neurobiology of a Rare Genetic Disease: Lesch-Nyhan Syndrome”
George Rebec. Ph.D.  (Host – Dr. Jeff Steketee)  September 28, 2004
Indiana University
Neural Science
Psychology 361

TITLE:    “Neural Mechanisms of Relapse to Cocaine-seeking Behavior”

Wayne Frankel, Ph.D.  (Host - Dr. Robyn Wallace)  October 5, 2004
Senior Staff Scientist
The Jackson Laboratory

TITLE:    “Genetic Studies of New Epilepsy Mutations and Models in Mice”

Mark Jacquin, Ph.D.  (Host – Dr. Eldon Geisert)  October 12, 2004
Professor of Neurology
Department of Neurology
Washington University
St. Louis, MO

TITLE:    “Mechanisms of CNS Development and Repair: Neurotrophins, Transcription and Stem Cells”

Yiai Tong, Ph.D.       October 19, 2004
Assistant Professor
University of Tennessee Health Science Center
Department of Anatomy & Neurobiology

TITLE:    “From DNA Microarray to Gene Function: Application of siRNA in Neuroscience”

Dennis Defoe, Ph.D.       (Host – Dr. Eldon Geisert)  November 2, 2004
Associate Professor
East Tennessee State University
Department of Anatomy & Neurobiology

TITLE:    “Cell Cycle Events Regulating Pigment Epithelial Cell Number and Size in Developing Retinas”
Uel Jack McMahan, Ph.D. (Host – Dr. Robert Williams)  November 9, 2004  
Professor of Neurobiology & Structural Biology  
Department of Neurobiology  
Stanford University  
Stanford, CA  

**TITLE:**  “What high resolution electron microscope tomography can tell us about synaptic impulse transmission”

Susan Ackerman, Ph.D.  (Host – Dr. Kristin Hamre)  November 16, 2004  
Staff Scientist  
The Jackson Laboratory

**TITLE:**

Arnold Kriegstein, Ph.D.  (Host – Dr. Dan Goldowitz)  November 30, 2004  
John & Elisabeth Harris Professor  
Department of Neurology  
Columbia University

**TITLE:**  “Neurogenic radial glia, patterns of neurogenesis and migration”

Fu-Ming Zhou, Ph.D.  December 7, 2004  
Assistant Professor  
Department of Pharmacology  
UTCHS

**TITLE:**  “Endogenous nicotinic cholinergic activity regulates dopamine release in the striatum”

Dieter Jaeger, Ph.D.  (Host - Dr. Detlef Heck)  December 14, 2004  
Assistant Professor  
Department of Biology  
Emory University

**TITLE:**  “Synaptic Integration in Globus Pallidus Neurons with Dendritic Spike Initiation”