

**Neural & Behavioral Science Program  
School of Graduate Studies  
SUNY Downstate Medical Center  
Seminar Series 2005/2006  
Wednesdays at 12:00 pm unless noted otherwise**

- Nov 9**                    **“Activation and modulation of GABA-A receptor function”**  
Andrew Jenkins, PhD  
Assistant Professor, Department of Anesthesiology  
Emory University School of Medicine
- Nov 23**                    **“Evolutionary Perspectives on Lipid Metabolism and Abeta Homeostasis in Alzheimer’s Disease”**  
Robert Friedland, MD  
Chief, Laboratory of Neurogeriatrics  
Professor, Department of Neurology  
Case Western Reserve University
- Dec 7**                    **“Estrogen and Cognition: Reconciling Clinical Trials with Preclinical Data”**  
Robert Gibbs, PhD  
Professor, Department of Pharmaceutical Sciences  
University of Pittsburgh School of Pharmacy
- Jan 18**                    **“Activity Dependent Plasticity of Intrinsic Excitability”**  
Daniel Johnston, PhD  
Director  
Center for Learning and Memory  
University of Texas at Austin
- Feb 8**                    **“Group 1 Metabotropic Glutamate Epileptogenesis: A Midwest Perspective”**  
Paul Rutecki, MD  
Department of Neurology  
University of Wisconsin

- Feb 22**                    **“Two-photon visualization of bi-directional long-term plasticity of transmitter release using FM styryl dyes in brain slices”**  
Patric Stanton, PhD  
Professor of Cell Biology & Anatomy  
Professor of Neurology  
New York Medical College, Valhalla, NY
- Mar 8**                    **“Prostaglandins and Glutamate Establish Sex Differences in the Brain”**  
Margaret M. McCarthy, PhD  
Professor, Department of Physiology & Psychiatry  
University of Maryland, Baltimore School of Medicine
- Mar 15**                    **“Rethinking the Learned/Innate Dichotomy: What Bonobo *Pan/Homo* Culture has to Offer”**  
Dr. Sue Savage-Rumbaugh  
Professor, Great Ape Trust, Des Moines, Iowa
- Mar 22**                    **“Changing your mind: pre and post synaptic plasticity after injury”**  
Scott M. Thompson, PhD  
Professor, Department of Physiology  
University of Maryland School of Medicine
- Apr 12**                    **“The role of dopamine in health and disease”**  
David J. Brooks, MD, DSc, FRCP, FmedSci  
Hartnett Professor of Neurology  
MRC Clinical Science Center  
Imperial College School of Medicine, UK  
John Whitaker Visiting Professor in Neurology  
SUNY Downstate Medical Center
- May 17**                    **“Microcircuitry of the raphe and its regulation by stress”**  
Sheryl G. Beck, PhD  
Division of Stress Neurobiology  
Departments of Anesthesiology and Pediatrics  
Children’s Hospital of Philadelphia  
University of Pennsylvania