

# ***"Sensory Integration in Navigation and Communication"***

*Sponsored by the Schmitt Program on Integrative Brain Research*

**October 16 - 17, 2008**

Thursday, October 16<sup>th</sup>, 4 pm, Class of '62 Auditorium

## **Keynote Lecture:**

**Mark T. Wallace, *Vanderbilt University***

*"Developmental and Adult Plasticity in Multisensory Spatial Representations"*

Friday, October 17<sup>th</sup>, Full Day Symposium, Class of '62 Auditorium

8:45 - 9:00 Coffee Reception

### **MORNING SESSION**

William E. O'Neill, *University of Rochester*, Session Chair

- 9:00 - 9:15 **Gary D. Paige**, *Chairman, Dept. Neurobiology & Anatomy* Welcome
- 9:15 - 10:00 **Charles E. Schroeder**  
*Nathan Kline Institute for Psychiatric Research* "Anatomical Substrates and Physiological Significance of Multisensory Convergence in Primary Cortical Processing"
- 10:00 - 10:45 **Lizabeth M. Romanski**  
*University of Rochester* "Representation and Integration of Face and Vocalization Information in the Primate Prefrontal Cortex"
- 10:45 - 11:30 **Lee M. Miller**  
*University of California, Davis* "Audiovisual Integration of Speech in Noisy Environments"
- 11:30 - 11:45 Panel Discussion Moderator: Mark T. Wallace, *Vanderbilt University*
- 11:45 - 1:30 LUNCH AND POSTER SESSION  
*Sponsored by the Center for Navigation and Communication Sciences*  
Located in the Flaum Atrium

### **AFTERNOON SESSION**

Lizabeth M. Romanski, *University of Rochester*, Session Chair

- 1:30 - 2:15 **William E. O'Neill**  
*University of Rochester* "The Eyes Have It: How Eye Position Biases Sound Localization and the Egocentric Perception of Direction"
- 2:15 - 3:00 **Greg C. DeAngelis**  
*University of Rochester* "Neural Substrates of Multisensory Integration for Self-Motion Perception"
- 3:00 - 3:15 COFFEE BREAK FLAUM ATRIUM
- 3:15 - 4:00 **Jennifer M. Groh**  
*Duke University* "Rethinking Multisensory Integration – Going Beyond the Modular View of the Brain"
- 4:00 - 4:45 **Charles J. Duffy**  
*University of Rochester* "The Neural and Perceptual Mechanisms of Navigational Impairments in Aging and Alzheimer's Disease"
- 4:45 - 5:00 Panel Discussion Moderator: Gary D. Paige, *University of Rochester*
- 5:00 - 6:00 COCKTAIL RECEPTION  
*Sponsored by the Graduate Program in Neuroscience*  
Located in the Flaum Atrium