



**Multi-modal Neuroimaging Training Program (MNTP)  
Center for the Neural Basis of Cognition (CNBC)**



**Symposium on "Advanced Methods in Visual Brain Science"  
July 11, 2014**

**Mellon Institute  
Conference Room 348  
4400 Fifth Avenue  
Pittsburgh, PA 15213**

Funded by NIH (R90DA023420)

8:00 – 9:00 a.m. Registration and Continental Breakfast (Social Room, MI 328)

**Session 1:**

9:00 – 9:10 a.m. Opening remarks, Marlene Behrmann, Carnegie Mellon University, CNBC co-Director

9:10 – 10:00 a.m. John Gore, Vanderbilt University Institute of Imaging Science, "*Some Novel Observations with BOLD and Resting State FMRI at Ultra-High Fields*"

10:10 – 11:00 a.m. Julia Stephen, The Mind Research Network, University of New Mexico, "*MEG-derived insights into the visual cortical network -- and beyond*"

11:00 – 11:10 a.m. Break

11:10 – 12:00 p.m. Mark Richardson, Neurological Surgery, University of Pittsburgh, "*Electrocorticography: Principles and practice for cognitive neuroscience*"

12:00 – 1:00 p.m. Lunch (Social Room, MI 328), Poster Viewing

**Session 2:**

1:10 – 2:00 p.m. Theodore (Ted) Huppert, The NIRS Brain Imaging Laboratory, University of Pittsburgh, "*Application of functional Near-infrared Spectroscopy (fNIRS) in vision*"

2:10 – 3:00 p.m. Brian A. Wandell, Director, Stanford's Center for Cognitive and Neurobiological Imaging (CNI), "*New methods for measuring activity, connections and tissue properties in the living human brain*"

3:00 p.m. Closing remarks Peter Gianaros, University of Pittsburgh, Co-Director of the MNTP Program, CNBC