

Brain Mapping Center SEMINAR SERIES

Sponsored by the UCLA Brain Mapping Center Faculty

The focus of these talks is on advancing the use of brain mapping methods in neuroscience with an emphasis on contemporary issues of neuroplasticity, neurodevelopment, and biomarker development in neuropsychiatric disease.

Hosted By: Marco Iacoboni, MD, PhD, Psychiatry and Bibehavioral Sciences, UCLA

“Cognitive Neuroscience of Visual Attention and Working Memory”



Brad Postle, PhD

Professor, Departments of Psychology and Psychiatry
University of Wisconsin

Working memory is of central importance for high-level cognition in the primate. My group takes a brute-force approach to studying “how working memory works” -- with fMRI, EEG, rTMS, and combinations thereof -- and we have found ourselves moving increasingly “upstream,” away from the prefrontal cortex and toward the thalamocortical circuitry that underlies visual perception. We are working with the idea that visuospatial attention and, therefore, working memory, may be accomplished, in part, via the hijacking of the oscillatory dynamics that are fundamental to mammalian sensory systems.

March 3, 2016 11:00am - 12:00pm

**Neuroscience Research Building (NRB 132)
635 Charles E. Young Dr. South**

For more information contact: Mary Susselman (310-206-4291, mwalker@mednet.ucla.edu)