



Henry H. Wheeler Jr. Brain Imaging Center Research Day
2008 Highlights

Monday, December 15th, 2008

Location: The Faculty Club, Heyns Room, UC Berkeley Campus

- 8.30** *Coffee and Refreshments*
- 9.00** Our new MRI scanner and other updates! Mark D'Esposito/Ben Inglis
- 9.30** Hormones, genes and cognition, Emily Jacobs
- 9.55** Mapping relationships between cortical thickness and fluid reasoning in development, Libby O'Hare
- 10:20** The effects of cognitive training on the aging brain, Gary Turner
- 10.45-11:00** **MORNING BREAK** (coffee)
- 11.00** Cholinergic effects on visual processing, Michael Silver
- 11.25** Top-down modulation of the thalamus, Drew Fegen/Taraz Lee
- 11.50** Episodic memory loss is related to hippocampal-mediated beta-amyloid deposition in elderly subjects, Beth Mormino
- 12:15 - 1:30** **LUNCH BREAK** (on your own)
- 1:30-2:30** **KEYNOTE SPEAKER**
- "The Brain Genomics Superstruct Project"*
Randy Buckner Ph.D.
Professor of Psychology, Harvard University
- 2:30-2:45** **AFTERNOON BREAK** (coffee)
- 2:45** Diffusion and perfusion imaging, David Feinberg
- 3:10** Strategies for correcting distortions in fMRI data, Dan Sheltraw
- 3:35** Novel analytic methods for analyzing fMRI data, Fernando Perez
- 4:00** The NeuroImaging in Python (NiPy) project, Matthew Brett/Jarrold Millman