



Henry H. Wheeler Jr. Brain Imaging Center Research Day
2014 Highlights

Thursday, January 8, 2015, 5101 Tolman Hall, UC Berkeley

- 9:00** Coffee, pastries and mingling
- 9:30** BIC update! Mark D'Esposito/Ben Inglis
- 9:55** "A neural correlate of exploratory behavior in early adolescence"
Andrew Kayser (UCSF)
- 10:20** "Burden of shame and its relief: Neural computations underlying shame aversion"
Ming Hsu (Haas)
- 10:45** The role of β -amyloid deposition in NREM sleep disruption and hippocampus-dependent memory impairment in healthy older adults
Bryce Mander (Walker lab)
- [5 minute stretch break]*
- 11:15** "The enigma of intermediate vision"
Mark Lescroart (Gallant Lab)
- 11:40** "The role of the angular gyrus in feature binding"
Summer Sheremata (Silver lab)
- 12:05** Using voxel-wise encoding models to study occipito-temporal representations of the animacy, semantic and affective content of natural images
Samy Abdel-Ghaffar (Bishop Lab)
- 12:30 - 2:00** **LUNCH BREAK** (on your own)
- 2:00** "Next generation brain imaging: MRI Corticography"
David Feinberg (HWNl)
- 2:25** "Natural contrast agents using chemical exchange: Can we map glucose in the human brain at 3 T?"
Ben Inglis (BIC)
- 2:50** "Update on simultaneous EEG/fMRI"
Arielle Tambini (D'Esposito Lab)
- [5 minute stretch break]*
- 3:20** "Integrating Novel Tau PET Tracer [18F]AV-1451 into the Study of Aging and Preclinical Neurodegenerative Disease"
Sam Lockhart (Jagust Lab)
- 3:45** "The question of reproducibility in brain imaging research"
JB Poline (BIC)
- 4:10** Adjourn