

# Henry H. Wheeler Jr. Brain Imaging Center Research Day 2007 Highlights

Monday, December 10th, 2007

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

8.30 BREAKFAST for visitors and speakers

9.00 A new MRI scanner and building is on the way! Mark D'Esposito/Ben  
Inglis

9.20 To sleep, per chance to remodel the brain and regulate emotion, Matt  
Walker

9.50 Fluid reasoning ability: Neural underpinnings & development, Silvia Bunge

10:20 Happenings at the UCSF Neuroscience Imaging Center, Adam Gaz-  
zaley

10.40–11:00 MORNING BREAK (coffee and refreshments)

11.00 Using fMRI to guide therapy and track recovery in brain injury, An-  
thony Chen

11.30 Using fMRI to assess the cholinergic system, Drew Fegen

12.00 Imaging beta-amyloid in Normal Aging and Alzheimer's Disease, Bill  
Jagust

LUNCH 12:30 – 1:40

1:45–2:45 GUEST SPEAKER

" Normalizing fMRI signals with resting state venous oxygenation"

Hanzhang Lu Ph.D.  
Assistant Professor of Radiology and Psychiatry  
University of Texas Southwestern Medical Center

2:45 Building a general decoder for human visual cortex, Kendrick Kay

**3:15**  
human

Functional networks underlying top-down visual spatial attention in the brain, Michael Silver