

# NITRC Enhancement Grantee Meeting

June 18, 2009

HBM 2009 Satellite Activity

Pacific Room B

San Francisco Marriott

## 8:30 Introduction:

**Welcome and Overview of Currently Funded Projects**

*Zohara Cohen, NIBIB, NIH*

**NIH Blueprint for Neuroscience Research: Update on Current Activities**

*Michael Huerta, NIMH, NIH ([slides](#))*

## 9:00 Theme I: Users & Customer Service

**Moderated by:** James Luo, Program Director, NIBIB, NIH

**MRICroGL: Using scripts and videos to train users**

*Chris Rorden University of South Carolina / Georgia Tech [MRICron](#)*

**Integrating GUI and Command Line tool development**

*Xenios Papademetris, Yale University [Bioimage Suite on NITRC](#), [Project Webpage](#)*

**fMRI in animal models, and other small user islands**

*Joe Mandeville, Mass. General Hospital*

**User driven software development**

*Mary A. Raven, University of California, Santa Barbara, Neuroscience Research Institute [\[1\]](#)*

10:00 Users & Customer Service: Open discussion

## 10:15 Coffee break

## 10:30 Theme II: Lending Credence to Your Results: Study Design and Validation

**Moderated by:** Zohara Cohen, Program Director, NIMH, NIH

**fMRIPower - Calculating power for group fMRI studies**

*Jeanette A. Mumford, Department of Psychology, University of California, Los Angeles [fMRIPower](#)*

**Quality assurance in fMRI**

*Susan Whitfield-Gabrieli, Massachusetts Institute of Technology, Cambridge, MA*

**STAPLE - Simultaneous Truth and Performance Level Estimation**

*Simon K. Warfield, Children's Hospital, Harvard Medical School [STAPLE](#)*

11:30 Validation: Open discussion

## 12:00 Lunch on your own

## 1:00 New, improved, or just tried-and-true features on NITRC.org

*David Kennedy, NITRC Customer Liaison*

**1:30 Theme III: Algorithm Expansion**

**Moderated by:** Michael Huerta, Associate Director of NIMH, NIH

**Surface-based Morphometry using SPHARM**

*Li Shen, Indiana University School of Medicine* [Li Shen's Home Page](#)

**Collaborative Online Labeling of Medical Images**

*Bennett Landman, Johns Hopkins University* [\[2\]](#)

**Added New Features to Our DTI Package**

*Dongrong Xu, Columbia University*

**Pipedream and ANTS Extensions**

*Brian Avants, University of Pennsylvania* [| PipeDream | ANTS](#)

2:30 Algorithm Expansion: Open discussion

**2:45 Coffee Break**

**3:00 Theme IV: Data Interoperability**

**Moderated by:** Yuan Liu, Office Chief, NINDS, NIH

**Lightweight, Easy-To-Use Neuroimaging Data Management Tools**

*Owen Carmichael, University of California, Davis* [IDeA Lab](#)

**Pipelined framework for efficient analysis of imaging data and comparison of software**

*Satrajit Ghosh, Massachusetts Institute of Technology* [RapidArt](#)

**Data interoperability in DTI-TK for diffusion MRI analysis**

*Hui (Gary) Zhang, Penn Image Computing & Science Laboratory (PICSL), University of Pennsylvania* [DTI-TK](#)

**Pickatlas Data interoperability**

*Joe Maldjian, Wake Forest University* [pickatlas](#)

**Derived data storage and exchange workflows for large-scale neuroimaging analyses**

*David Keator, Univ. of California, Irvine* [hid](#)

4:00 Data Interoperability: Open discussion

**4:30 How can NIH improve your experience with NITRC.org?**

*James Luo, NIBIB, NIH*

**5:00 NITRC Meeting adjourned**

**6:00 PM Opening Ceremonies for HBM and Talairach Lecture  
Morality and the Social Brain**

Patricia Churchland

*Department of Philosophy, University of California, San Diego*

**7:30 HBM Welcome Reception in Yerba Buena Ballroom (Lower B2 Level)**