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 Activies
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 [DeA 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)