NIMH National Institute of Mental Health

National Institute of Neurological Disorders and Stroke

National Institutes of Health

# AFNI Bootcamp

## Mar 29-Apr 02, 2010

Building 12A
Room B51
*NIH ID required!*

| AFNI SUMA | Mon Mar 29 | Tue Mar 30 | Thu Apr 01 | Fri Apr 02 |
|---|---|---|---|---|
| 8:30 - 10:15 | Hands-On: Unix Essentials [Reynolds] | Lecture: 3dDeconvolve and Simple Regression; Experiment Design [Chen] | Lecture: Advanced Topics in Regression [Cox] | Hands-On: FMRI Analysis from Start to End [Reynolds] |
| 10:15 - 10:30 | Refreshment & Cellphone Break | | | |
| 10:30 - 12:15 | Lecture: AFNI Intro & FMRI Overview [Cox] | Hands-On: Talairach Transformation & Image Registration [Saad] | Hands-On: ROI Drawing and Usage [Christidis] | Lecture: Connectivity: SEM, PPI, Granger [Chen] |
| 12:15 - 1:30 | Luncheon Break | | | |
| 1:30 - 3:15 | Hands-On: Using AFNI Interactively [Glen] | Lecture: 3dDeconvolve & Deconvolution [Saad] | Lecture: Group Analysis: *t*-tests, ANOVA, LME, MEMA [Chen] | Hands-On: Surface Analysis with SUMA [Saad] |
| 3:15 - 3:30 | Refreshment & Cellphone Break | | | |
| 3:30 - 5:15 | Lecture: Modeling the FMRI Signal [Cox] | Hands-On: AFNI Practice & Exercises - 1 [All] | Hands-On: AFNI Practice & Exercises - 2 [All] | Lecture & Demo: AFNI InstaCorr; Single Subject and Group [Cox] |