AFNI Bootcamp, NIH Bldg 38A, Lister Hill Auditorium (March 25-29, 2019)

NIH

	Mon	Tues	Wed	Thur	Fri
08:30-09:20 minibreak 09:30-10:15	**AFNI Intro & Interactive** Taylor	**Alignment and Registration** Taylor	**Group Analysis in FMRI** Chen	**SUMA & Surface Analysis** Reynolds	**Resting State & InstaCorr** Cox
break					
10:30-11:20 minibreak 11:30-12:15	**AFNI Driving & Interactive** Glen	**FMRI Analysis: Start-to-Middle** Reynolds	**Atlases & ROIs** Glen	***More* Surface Analysis: SUMA** Reynolds	**Adv. SUMA and AFNI vis.** Glen
					11:45 finito!
lunch					
13:30-14:20 minibreak 14:30-15:15	**Single Subject Analysis** Taylor	**FMRI Analysis: Middle-to-End...** Reynolds	**ROI-based Group Analysis** Chen	**Group Analysis Hands-On** Chen	***Dispersal to the Eight Corners of the Cosmos***
break					
15:30-16:20 minibreak 16:30-17:15	**Regression Hands-On** Reynolds	**... & 3dttest++; Ex. & Consult.** Reynolds; All	**Advanced Regression++** [*] Cox	**FMRI Clustering** Cox	

Wednesday **DTI Breakout** Building 45 (Natcher), Rm. C1/C2

DWI Acquisition & Processing, TORTOISE and FATCAT
-- *exact schedule to be determined* --
Irfanoglu, Nayak, Pierpaoli, Sarlls, Taylor

08:30-17:15

[*]**Followed by Happy Hour at Rock Bottom, Bethesda**

	Class	Handout(s)

- **AFNI Intro & Interactive** (lecture, hands-on):   afni01_intro.pdf, afni02_to3d.pdf, afni00_unix.pdf

- **AFNI Interactive** (hands-on):   afni03_interactive.pdf, AFNI_interactive2.pdf, @Drive_Afni

- **Single Subject Analysis** (lecture):   afni22_indiana.pdf, afni04_fmri.pdf

- **Regression: Hands on** (hands-on):   afni05_regression.pdf

- **Alignment and Registration** (lecture):   afni10_volreg_talairach.pdf, afni10_volreg_talairach_extras.pdf

- **FMRI Analysis: Start-to-Middle** (hands-on):   afni16_start_to_finish.pdf, afni_proc.pdf

- **FMRI Analysis: Middle-to-End** (hands-on):   afni16_start_to_finish.pdf

- **Exercises and Consultations** (hands-on):   afni19_jazz.pdf, afni19_jazz_hints.pdf, afni19_jazz_answers.pdf

- **Group Analysis in FMRI** (lecture):   afni24_GroupAna.pdf

- **ROIs, Atlases & Driving AFNI** (lecture):   afni10_volreg_talairach.pdf, afni11_roi.pdf, afni11_roi_cmds.txt

- **ROI-based Group Analysis** (lecture):   afni26_ROI-based-modeling.pdf

- **Advanced Regression** (lecture):   afni07_advanced.pdf

- **Surface Analysis: SUMA** (hands-on):   suma.pdf, suma_keystrokes.txt

- *More* **Surface Analysis: SUMA** (hands-on):   suma.pdf

- **Group Analysis Hands-on** (hands-on):   afni25_GroupAna_HO.pdf, PPI.pdf

- **FMRI Clustering** (hands-on):   afni_clustering_etac.pdf, Clusters_2017.pdf

- **Resting State & InstaCorr** (lecture/hands-on):   afni23_restingstate.pdf, afni20_instastuff.pdf

- **Connectivity & Visualization** (hands-on):   FATCAT_HO.pdf, advanced_vis_notes.txt

- **Adv. SUMA and AFNI vis.** (hands-on):   ***