



# AFNI Bootcamp: Apr 29 – May 3, 2019

## UW-Milwaukee, WI, USA



	Mon	Tue	Wed	Thu	Fri
08:30-09:20 minibreak 09:30-10:15	<b>AFNI Intro &amp; Interactive</b> Cox	<b>Alignment and Registration</b> Taylor	<b>Regression++ &amp; Clustering</b> Cox	<b>Resting State &amp; InstaCorr</b> Cox	<b>FATCAT: DTI proc &amp; analysis</b> Taylor
<b>break</b>					
10:30-11:20 minibreak 11:30-12:15	<b>AFNI Driving &amp; Interactive</b> Taylor	<b>FMRI Analysis: Start-to-Middle</b> Reynolds	<b>Templates, Atlases &amp; ROIs</b> Taylor	<b>SUMA: Surface Analysis</b> Taylor	<b>Qs &amp; Consults, II: The Revenge</b> All
<b>lunch</b>					
13:45-14:35 minibreak 14:45-15:30	<b>Single Subject Analysis</b> Cox	<b>FMRI Analysis: Middle-to-End...</b> Reynolds	<b>Group Analysis in FMRI</b> Cox	<b>More SUMA Surf Analysis</b> Reynolds	<b>**Special Talk**</b> <b>“fMRI in Perspective”</b> Bandettini 2-3pm Loc: UWM Eastside campus
<b>break</b>					
15:45-16:35 minibreak 16:45-17:30	<b>Regression Hands-On</b> Reynolds	<b>... &amp; 3dttest++; afni_proc-QC</b> Reynolds, Taylor	<b>Qs &amp; Consults: BYO Data</b> All	<b>ROI-based Group Analysis &amp; Group Analysis Hands-On</b> Cox, Reynolds	

Computer setup: <https://afni.nimh.nih.gov/pub/dist/doc/html/doc/index.html>  
 Class PDFs: [https://afni.nimh.nih.gov/pub/dist/edu/latest/afni\\_handouts](https://afni.nimh.nih.gov/pub/dist/edu/latest/afni_handouts)

<u>Class</u>	<u>Handout(s)</u>
• <b>AFNI Intro &amp; Interactive</b> (lecture, hands-on):	afni00_unix.pdf, afni01_intro.pdf, afni02_*.pdf, QuickTasks.pptx.pdf
• <b>AFNI Driving &amp; Interactive</b> (hands-on):	afni03_interactive.pdf, AFNI_interactive2.pdf, @Drive_Afni
• <b>Single Subject Analysis</b> (lecture):	afni22_indiana.pdf, afni04_fmri.pdf
• <b>Regression Hands-On</b> (hands-on):	afni05_regression.pdf
• <b>Alignment and Registration</b> (lecture):	afni14_alignment.pdf, afni14_alignment_cmds_3dvolreg.txt
• <b>FMRI Analysis: Start-to-Middle</b> (hands-on):	afni16_start_to_finish.pdf, afni_proc.pdf
• <b>FMRI Analysis: Middle-to-End</b> (hands-on):	afni16_start_to_finish.pdf
• <b>... &amp; 3dttest++; afni_proc-QC</b> (hands-on):	afni16_start_to_finish.pdf, afni_proc.pdf
• <b>Regression++ &amp; Clustering</b> (lect/hands-on):	afni07_advanced.pdf, afni_clustering_etac.pdf, Clusters_2017.pdf
• <b>Templates, Atlases &amp; ROIs</b> (lecture):	afni15_templates_atlases.pdf, afni11_roi.pdf, afni11_roi_cmds.txt
• <b>Group Analysis in FMRI</b> (lecture):	afni24_GroupAna.pdf
• <b>Resting State &amp; InstaCorr</b> (lect, hands-on):	afni23_restingstate.pdf, afni20_instastuff.pdf
• <b>Surface Analysis: SUMA</b> (hands-on):	suma.pdf, suma_keystrokes.txt
• <b>More Surface Analysis: SUMA</b> (hands-on):	suma.pdf
• <b>ROI-based Group Analysis &amp; Group Analysis Hands-On</b> (lect):	afni26_ROI-based-modeling.pdf, afni25_GroupAna_HO.pdf
• <b>FATCAT: DTI proc &amp; analysis</b> (lect, hands-on):	FATCAT_*.pdf