Fundamentals of Functional Neuroimaging  
Cognitive Science 260 (B00)- Winter 2020

Course Faculty: Thomas Liu, Alan Simmons, Amanda Bischoff-Grethe, Lisa Eyler, Christine Fennema-Notestine, Maryam Falahpour, Frank Haist

Course Time/Location: Monday/Wednesday, 2:00-3:20pm; CFMRI Conference Room (subject to change depending on enrollment)

Course Overview: Covers the basic principles underlying magnetic resonance imaging (MRI), functional MRI, structural and functional connectivity, and perfusion imaging. Students will gain an understanding of key concepts in the processing, analysis, and interpretation of neuroimaging data with hands-on exercises using standard neuroimaging analysis software packages.

Prerequisites: Graduate standing or consent of instructor. Prior course in statistics is strongly recommended.