

Psychology 5960: Introduction to fMRI
Fall 2009, Tu-Th 2:30-3:45

Professor:

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Textbooks:

Functional Magnetic Resonance Imaging, 2nd Edition, Heuttel et al., 2009
Getting Started in Functional MRI, Engel & Poldrack, 2002

Schedule:

Dates	Topics:	Dates	Topics:
Sept 8	Introduction	Oct 29	Lab 6: Event-Related Designs
Sept 10	Cognitive Neuroscience (Ch. 1)	Nov 3	Multi-Subject Analysis & Advanced Topics (Ch. 11)
Sept 15	Lab 1: Anatomy		Project Discussion
Sept 17	More Lab 1	Nov 5	Project Discussion
Sept 22	MRI and fMRI (Ch. 3-5, 7)	Nov 10	Project Discussion
Sept 24	Scanner Visit	Nov 12	Project Presentation
Sept 29	Basic Block Designs (Ch 9)	Nov 17	Project Presentation
Oct 1	Basic Analysis (Ch 10)	Nov 19	Project Analysis
Oct 6	Lab 3: Basic Analysis	Nov 24	Project Analysis
Oct 8	Lab 4: Artifacts	Nov 26	Thanksgiving—No class
Oct 13	fMRI in Practice & Data Preprocessing (Ch 8)	Dec 1	Project Analysis
Oct 15	Complex Block Designs & Analysis (Ch 11)	Nov 3	Project Analysis
Oct 20	Midterm Exam	Dec 8	Project Analysis
Oct 22	Lab 5: Complex Block Designs	Dec 10	Final Presentations
Oct 27	Event-Related Designs & Analysis (Ch 11)	Dec 15	Final Presentations

Lecture Notes/Outlines: Copies of slides will be posted on the class web page on moodle. To access, see: <http://www1.umn.edu/moodle/students/guides/access.html>. You should copy or print these out ahead of time, and bring them to class with you. They are *NOT* a substitute for attending class. Grading will be based on what is covered in class and in the text, *NOT* the lecture outlines.

Exams and Grading: Your grade will be determined by weighting the assignments (9 in total), midterm exam, and final project equally, with each of the three counting for 33% of your grade.