

**ADVANCED COGNITIVE NEUROSCIENCE
PSYCHOLOGY 610**

Instructors: Ed Awh and Ed Vogel

SPRING QUARTER **2014**: Monday and Wednesday 10:00 – 11:50 AM 417 LISB

<u>Date</u>	<u>Topic</u>	<u>Instructor</u>
Mar 31, Mon	Organizational meeting	Awh/Vogel
Apr 2, Wed	Cognitive Neuroscience History and Methods	Vogel
Apr 7, Mon	Visual sensation and Perception	Awh*
Apr 9, Wed	Selective Attention – Classic Paradigms	Awh*
Apr 14, Mon	Selective Attention – Neural Models	Awh*
Apr 16, Wed	Working Memory – Capacity Limits	Awh*
Apr 21, Mon	Neural Oscillations, Communication and Binding	Awh*
Apr 23, Wed	Neural Measures of WM Precision	Awh*
Apr 28, Mon	Working Memory and Selective Attention	Vogel*
Apr 30, Wed	MIDTERM 1 - In Class Essay Exam	
May 5, Mon	Attentional Capacity for Items Within View	Vogel*
May 7, Wed	State Effects on WM and Attentional Capacity	Vogel*
May 12, Mon	Long Term Memory – Explicit versus Implicit	Vogel*
May 14, Wed	Gateway Models and Long Term Memory	Vogel*
May 19, Mon	Encoding into LTM – Elaboration, Spacing, Testing	TBA
May 21, Wed	Reward	TBA
May 26, Mon	Memorial Day (no class)	
May 28, Wed	Judgment and Decision Making	Awh*
Jun 2, Mon	The Myth of Multi-tasking	Vogel*
Jun 4, Wed	MIDTERM 2 - In Class Essay Exam	

Readings: Weekly readings posted on Blackboard

Exams: 2 In-Class Midterms - Essay format

Student Presentations: Each student will present one research paper in class (Conference-style presentation, 15 minutes plus 5 for questions)