PSY 6410/7410:
Seminar in Cognitive Psychology
University of Toledo
(Spring 2015)

- **Instructor**: Stephen Christman
- **Class meeting times and location**: Mon-Wed, 2:00 pm - 3:15 pm; UH6400
- **Office**: UH5018C (phone: 530-4684; email: stephen.christman@utoledo.edu)
- **Office hours**: Mon-Wed 12:30 pm -1:30 pm (& by appointment)
- **Text**: Hugdahl, K., & Westerhausen, R. (2010). *The Two Halves of the Brain: Information Processing in the Cerebral Hemispheres*. Cambridge, MA: MIT Press.

Date	Chapter/Topic
Jan 12	Evolutionary, Scientific, and Personal History of Laterality
Jan 14	Evolutionary, Scientific, and Personal History of Laterality (cont'd)
Jan 19	NO CLASS: MLK Day
Jan 21	TTHOTB, ch. 1: Genetics
Jan 26	TTHOTB, ch. 2: Evolution of language areas
Jan 28	TTHOTB, ch. 3: Evolution of handedness
Feb 2	TTHOTB, ch. 4: Asymmetry in songbirds
Feb 4	TTHOTB, ch. 5: Visual asymmetry in pigeons
Feb 9	TTHOTB, ch. 6: Structural asymmetries
Feb 11	TTHOTB, ch. 7: White matter tract asymmetries
Feb 16	TTHOTB, ch. 8: EEG & MEG
Feb 18	TTHOTB, ch. 9: Hormones and asymmetry
Feb 23	TTHOTB, ch. 10: Sex differences
Feb 25	TTHOTB, ch. 11: Laterality and sleep
Mar 2	TTHOTB, ch. 12: Auditory laterality
Mar 4	TTHOTB, ch. 13: Visual laterality
Mar 9	*NO CLASS (Spring Break)*
Mar 11	*NO CLASS (Spring Break)*

Date	Chapter/Topic
Mar 16	TTHOTB, ch. 14: Integrating auditory and visual asymmetry
Mar 18	TTHOTB, ch. 15: Dichotic listening
Mar 23	TTHOTB, ch. 16: Cognitive control of auditory asymmetry
Mar 25	TTHOTB, ch. 17: Memory and asymmetry
Mar 30	TTHOTB, ch. 18: Neglect syndrome
Apr 1	TTHOTB, ch. 19: Asymmetry and pediatric disorders
Apr 6	*NO CLASS*
Apr 8	TTHOTB, ch. 20: Laterality and schizophrenia
Apr 13	*NO CLASS*
Apr 15	TTHOTB, ch. 21: Psychosis, language, and laterality
Apr 20	A New Look at Handedness
Apr 22	A New Look at Handedness (cont'd)
Apr 27	Presentation of student research proposals
Apr 29	Presentation of student research proposals (cont'd)

{FINAL EXAM: Thursday, May 7, 12:30 pm - 2:30 pm}

Class format: With the exception of the first week (lectures), penultimate week (more lecture), and the final week (student presentations), the form of class meetings will be as follows: I will start by providing a summary/overview of that day's assigned reading; depending on the topic and how loquacious I am feeling, this may take up less than half of or almost the whole class time. Once I am done, the remaining time will be devoted to students presenting their brief research summaries (see below).

Grading: There will be two primary requirements:

1. Each student will be required to turn in a total of 12 brief research summaries. For each summary, the student will choose an empirical research article cited in that week's reading and provide a 2-4 page summary of the article, detailing the basic methods, results, and interpretation of that study. Each summary will be worth 6% of the final grade.
2. Each student will also be required to turn a research proposal, incorporating some aspect of brain asymmetry research. This proposal should take the form of a brief Thesis proposal (~10 pages, not including references): an introduction, a methods section, and hypothesized results. These proposals will be presented to the rest of the class during the final week (we will meet at the final exam time ONLY if we have not gotten through all of the proposals yet; otherwise, we will NOT be meeting for the final exam, since there is no final exam!). The proposal will be worth 28% of the final grade.