Using The Visual World Paradigm (VWP) To Study Language Processing

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This course will provide an introduction to the Visual World Paradigm and how it can be used as a real-time measure in a variety of different domains within psycholinguistics, including speech perception, spoken word recognition in continuous speech, parsing, prosody, experimental semantics and pragmatics, utterance planning, including lexical encoding an grammatical encoding, and interactive conversation. We begin with some basic information about eye-movements, including eye movements in vision in natural tasks. We discuss the logic of the VWP, including issues about linking hypotheses, some basic information about eye-tracking systems, and issues of data analysis. We then focus on some representative applications of the VWP in four different domains, discussing the logic of the methods in each domain and, for each, the design choices made in an example article. The choice of domains and readings will take into account the interest of the students enrolled in the course.

The basic reading, available in final form in January, 2017 is:


Other readings will be assigned later.