

Language, memory, and brain

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This three-hour seminar will discuss language and memory in the brain. I will give a brief tutorial on learning and memory systems in the brain, and discuss why and how language is hypothesized to depend on these. I will then present several lines of evidence for this dependence in both first and second language and in various developmental and adult-onset disorders, such as developmental language disorder, amnesia, and Parkinson's disease. Behavioral, neurological, electrophysiological, and neuroimaging evidence will be presented. Depending on time, I may discuss other issues, including sex differences in language and memory, and the dependence of reading and math on learning and memory systems.