

Justin B. Knight

Franklin Foundation Neuroimaging Fellow
Bio-Imaging Research Center
Department of Psychology
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Education

- Ph.D. Cognitive/Experimental Psychology, 2013 (Expected)
University of Georgia
- M.S. Cognitive/Experimental Psychology, 2010 (Expected) 8/08 - present
University of Georgia
- B.S. Psychology, 2008, Magna cum laude 8/04 - 5/08
North Greenville University

Research Interests

My primary research interest is human memory. Specifically, I study prospective memory, source monitoring, and recognition memory. Additionally, I am interested in executive control and its implications in the cognitive processing involved in encoding and retrieval of memories. I implement both behavioral and neuroimaging (EEG) techniques in my research in order to elucidate the temporal and spatial characteristics of the neuronal activity that supports these higher order cognitive functions.

Research Experience

- Human Cognitive Processing Laboratory 8/08-present
University of Georgia
Richard L. Marsh, Ph.D.
 - Prospective Memory and Source Monitoring
 - Responsible for designing experiments, analyzing data, and training undergraduate experimenters
- Clinical Cognitive Neuroscience Laboratory 10/08-present
University of Georgia
Brett Clementz, Ph.D.
 - Neural Correlates of Prospective Memory
 - Responsible for collecting and analyzing EEG data
- Furman University 6/07-4/08

Gilles O. Einstein, Ph.D.

- Prospective and Working Memory
- Responsible for recruiting subjects, running participants, and coding data

Honors and Distinctions

Franklin Foundation Neuroimaging Program Fellowship; 2009 - 2010

Franklin Foundation Travel Award (\$550); 2009

Graduate Assistantship, University of Georgia; 2008 - 2009

Magna cum laude, North Greenville University; 2008

Overall Academic Excellence Award; 2008

Outstanding Psychology Student; 2008

Dean's List; 2004-2008

College of Math and Science Scholar; 2005 - 2008

Trustee Scholarship (Full Tuition); 2004 - 2008

Palmetto Fellows Scholarship; 2004 - 2008

Service to the Department

UGA Cognitive & Neuroscience Brown Bag series - Co-coordinator; 2009 -

Teaching Assistantships

Introductory Psychology

University of Georgia

Instructor: Adam Goodie, Ph.D.

Spring 2009

Introductory Psychology

University of Georgia

Instructor: Michelle Vandellen, Ph.D.

Fall 2008

Publications (Under Review)

Brewer, G. A., **Knight, J. B.**, Unsworth, N., Marsh, R. L. (Under Review). Individual differences in event-based prospective memory: Evidence for multiple processes supporting cue detection. *Memory & Cognition*.

Poster Presentations

Knight, J. B., Ethridge, L. E., Clementz, B. A. & Marsh, R. L. (April, 2009). *Neural Substrates of Prospective Memory*. Poster presented at annual meetings of the GA/SC Neuroscience Conference, Athens, GA.

- Knight, J. B.**, Brewer, G. A., Clark-Foos, A., Meeks, J. T., & Marsh, R. L. (February, 2009). *Lure Interference in Event-Based Prospective Memory*. Poster presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.
- Knight, J. B.** (March, 2009). *Prospective Memory and Executive Functioning: Focality of the Intention Matters*. Poster presented at the annual meetings of the Psi Chi Conference, Athens, GA.
- Clark-Foos, A., Meeks, J. T., **Knight, J. B.**, Brewer, G. A., & Marsh, R. L. (February, 2009). *Semantic Sense Affects Source Monitoring*. Poster presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.
- Brewer, G. A., Clark-Foos, A., Meeks, J. T., **Knight, J. B.**, & Marsh, R. L. (February, 2009). *The Role of Declarative Knowledge in Encoding Prospective Memories*. Poster presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.
- Meeks, J. T., Clark-Foos, A., Brewer, G. A., **Knight, J. B.**, & Marsh, R. L. (February, 2009). *Stimulus Effects on Rejection Processes in a Recognition Memory Test*. Poster presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.
- McHenry, D., Kinney, J. A., & **Knight, J. B.** (March, 2009). *Mood and Encoding in Event-based Prospective Memory*. Poster presented at the annual meetings of the Psi Chi Conference, Athens, GA.