



Faculty Directory

The College

AS News

Amy H.
Criss
Associate Professor
of Psychology



Email: acriss@syr.edu

Psychology
477 Huntington Hall
Phone: 315-443-3667

[Amy Criss CV](#)

[Personal Web Page](#)

Education
Ph.D., Indiana University
B.A., Miami University

Research and
Teaching Interests

My research involves describing how human memory operates within the framework of computational models. I focus on episodic memory, or memory tied to a specific situation, and associative memory, or memory for the relationship between two items. My interests also include semantic knowledge and implicit memory. I approach the study of human memory by identifying specific predictions or assumptions underlying computational models and designing empirical tests to evaluate these predictions. When a paradigm has not been formalized within the framework of a model, my empirical studies are designed with the goal of extending a model to account for the phenomenon. In addition to behavioral studies, I've also incorporated fMRI and EEG methods as empirical tools to test memory models. For more information, see: <http://acriss.mysite.syr.edu/>

Representative Publications

Aue, W.R., Criss, A.H., Fischetti, N. (in press). Associative information in memory: Evidence from cued recall. *Journal of Memory and Language*

Malmberg, K. J., Criss, A.H., Gangwani, T. & Shiffrin, R.M. (in press). Overcoming the Negative Consequences of Interference that Results from Recognition Memory Testing. *Psychological Science*

Criss, A.H., Malmberg, K. J., & Shiffrin, R.M. (2011). Output Interference in Recognition Memory. *Journal of Memory and Language*, 64(4), 316-326

Criss, A.H., Aue, W., & Smith, L. (2011). The Effects of Word Frequency and Context Variability in Cued Recall. *Journal of Memory and Language*, 64, 119-132

Criss, A.H. (2010). Differentiation and Response Bias in Episodic Memory: Evidence from Reaction Time Distributions. *Journal of Experimental Psychology*:

Criss, A.H. (2009). The Distribution of Subjective Memory Strength: List Strength and Response Bias. *Cognitive Psychology*, 59, 297-319

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Full Time Faculty, By Department

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