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Education

Ph.D. (Expected 2012), Doctoral Program in Psychological and Brain Sciences, and Cognitive Science, Advisory Committee: Richard M. Shiffrin, Michael N. Jones, John Kruschke, Robert Nosofsky, Chen Yu. GPA 3.98/4.

B.A. Cognitive Studies and Computer Science, Carleton College 2007. *Magna cum laude* with distinction in Cognitive Studies.

Budapest Semester in Cognitive Science, Eötvös Loránd Science University, Fall 2005.

Refereed Conference Proceedings

G.K., Yu, C., and Shiffrin, R. M. *Frequency and Contextual Diversity Effects in Cross-Situational Word Learning*. 31st Annual Meeting of the Cognitive Science Society, Amsterdam, the Netherlands. July 2009.

G.K., Yu, C., and Shiffrin, R. M. *Temporal Contiguity in Cross-Situational Statistical Learning*. 31st Annual Meeting of the Cognitive Science Society, Amsterdam, the Netherlands. July 2009.

Barbella, D., **G.K.**, Liben-Nowell, D., Sallstrom, A., and Sowell, B. *Depth of Field and Cautious-Greedy Routing in Social Networks*. 18th International Symposium on Algorithms and Computation, Sendai, Japan. 17 December 2007.

Conference Presentations

G.K., Yu, C., Shiffrin, R. M. *Modeling Frequency and Context Effects in Statistical Word Learning*. 42nd Annual Meeting of the Society for Mathematical Psychology, Amsterdam, the Netherlands. August 2009.

Gangwani, T., **G.K.**, Yu, C. *Simultaneous Noun and Category Learning via Cross-Situational Statistics*. 31st Annual Meeting of the Cognitive Science Society, Amsterdam, the Netherlands. July 2009.

G.K., Yu, C., Shiffrin, R. M. *The Semantics of Eye Movements in Cross-Situational Statistical Word Learning*. 41st Annual Meeting of the Society for Mathematical Psychology, Washington, D.C. 27 July 2008.

G.K., Yu, C., Shiffrin, R. M. *Temporal Continuity in Cross-Situational Statistical Learning*. 30th Annual Meeting of the Cognitive Science Society, Washington, D.C. 25 July 2008.

G.K., Yu, C., Shiffrin, R. M. *The Automaticity of Statistical Word Learning*. 30th Annual Meeting of the Cognitive Science Society, Washington, D.C. 25 July 2008.

G.K., Shiffrin, R. M. *The Effects of Repeated Sequential Context on Recognition*. 7th Annual Summer Interdisciplinary Conference, Madonna di Campiglio, Italy. 10 July 2008.

G.K., Yu, C., Shiffrin, R. M. *The Automaticity of Cross-Situational Statistical Learning*. Redhawk Mental Life, Oxford, OH. 8 March 2008.

Ohnesorge, C., **G.K.** *Testing the Whorfian Hypothesis: Lateralized Presentation and Color Recognition*. 48th Annual Meeting of the Psychonomic Society, Long Beach, CA. 17 November 2007.

G.K., Ohnesorge, C. *Whorf hypothesis not supported at a perceptual level*. MidBrains, Macalester College, St. Paul, MN. 28 April 2007.

Ohnesorge, C., Fanta, A., **G.K.** *Color Recognition and Laterality: Does Language Affect Color Processing?*. 6th Annual Summer Interdisciplinary Conference, Kalymnos, Greece. 28 June 2007.

Barbella, D., **G.K.**, Liben-Nowell, D., Sallstrom, A., and Sowell, B. *Greedy Routing in Social Networks*. All Math and Science Poster Session, Carleton College, Northfield, MN. 20 October 2006.

G.K., Olson, J. F. *Lexical Variety in Human Processing of Syntactically Ambiguous Sentences*. Minnesota Undergraduate Psychology Conference, University of St. Thomas, St. Paul, MN. 22 April 2006.

Memberships

Cognitive Science Society, 2005–Present

The Society for Mathematical Psychology, 2008–Present

Sigma Xi Scientific Research Society, 2007–Present

Association for Computing Machinery, 2004–2007

Undergraduate Work Experience

Robotics Team Leader *2004–2007*

Carleton College

Co-founded the team and served as president (2 years), vice president (1 year). Recruited and trained members, raised money, and led the team to the Trinity College Firefighting Competition.

Research Assistant *Summer 2006*

David Liben-Nowell Carleton College

Investigate social network models by way of theorizing and Matlab simulations.

Computer Science Prefect for Data Structures *Winter 2006*

David Liben-Nowell Carleton College

Conduct help sessions twice weekly, attend the classes, and complete the assignments.

Computer Science Grader for AI *Fall 2006*

David Musicant Carleton College

Evaluate and grade Artificial Intelligence assignments in Java, LISP, and English for thirty students.

Computer Science Lab Assistant *2004–2007*

Michael Tie Carleton College

Help computer science students with their Java programming assignments.

Developed Robotics Course *Summer 2005*

David Musicant Carleton College

Explored robotics textbooks, technical papers, and course websites to build a detailed syllabus and assignments (using Java-driven LEGO robots) for a new robotics course.

Translated Statistics Lab Manual *Summer 2006*

Robert Dobrow Carleton College

Converted an introductory statistics manual from SPSS to R, an open-source S clone.