Curriculum Vitae

Brynn Marie Evans

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Education

UC San Diego, 2006–present
Ph.D., *Cognitive Science* (in progress)

Stanford University, 1998–2003
B.S., *Science and Technology in Society*
specialization in Management Science and Engineering
B.A., with Honors, *Psychology*
specialization in Neuroscience

Awards

Interdisciplinary Collaboratories Fellowship for "Visualizing Cultural Patterns,"
sponsoring faculty: Jim Hollan, UC San Diego & Calit2, 2008–2009.
Superior Teaching Award, Department of Cognitive Science, UC San Diego, 2007.
Glushko Fellowship, Department of Cognitive Science, UC San Diego, 2006–2008.
Member of Psi Chi: National Honor Society in Psychology.
Stanford Scholar-Athlete Award, Stanford University, 1999 & 2000.

Publications

Evans, B.M., Kairam, S., and Pirolli, P. Exploring the Cognitive Consequences of Social Search. In *Proceedings of Computer-Human Interaction (CHI'09)*, 2009. Student Research Competition [2^{nd} place].

Evans, B.M. and Chi, E.H. Towards a Model of Understanding Social Search. In *Proceedings of Computer Supported Cooperative Work (CSCW'08)*, ACM Press, 2008, pp. 485–494.

Evans, B.M. and Chi, E.H. Towards a Model of Understanding Social Search. In *Proceedings of the JCDL workshop on Collaborative Information Retrieval*. Pittsburgh, PA, 2008.

Evans, B.M. and Card, S.K. Augmented Information Assimilation: Social and Algorithmic Web Aids for the Information Long Tail. In *Proceedings of Computer-Human Interaction (CHI'08)*, ACM Press, 2008, pp. 989-998.

Meador, K.J., Gevins, A., Loring, S.W., McEvoy, L.K., Ray, P.G., Smith, M.E., Motamedi, G.K., **Evans, B.M.**, and Baum, C. Neuropsychological and Neurophysiological Effects of Carbamazepine and Levetiracetam. *Neurology*, *69* (2007), pp. 2076–2084.

Poster Presentations

Evans, B.M., Kairam, S., and Pirolli, P. Exploring the Cognitive Consequences of Social Search. In *Proceedings of Computer-Human Interaction (CHI'09)*, 2009. Student Research Competition [2^{nd} place].

Meador, K.J., Gevins, A., Loring, S.W., McEvoy, L.K., Ray, P.G., Smith, M.E., Motamedi, G.K. and **Evans, B.M.** Neuropsychological and Neurophysiological Effects of Carbamazepine and Levetiracetam. 1st North American Regional Epilepsy Congress, December 2006.

Research Experience

Research Assistant, Palo Alto Research Center (PARC)
Palo Alto, CA; June 2008–present

> **Exploring the Cognitive Consequences of Social Search:** To what extent can social interactions augment people's natural search experiences? What factors influence the decision to turn to a friend for help? In collaboration with Dr. Peter Pirolli and Sanjay Kairam, we have been studying the cognitive consequences of social search by analyzing the verbal protocols of 8 users as they performed two sensemaking tasks related to U.S. energy policy—in one condition being restricted to only social resources, in another to only web (information) resources.

Master's Project
UC San Diego, Cognitive Science Department; September 2007–June 2008

> **Exploring Information Sharing and Discovery on the Social Web:** How do we find items of personal interest in the information-rich landscape of the web? Although there are a number of services and technologies that facilitate information access and sharing through connected social communities, the consequences of these new models of interaction are still unknown. In this project, I took an in-depth look at how three users engaged as participants of the social web services, Flickr, Ma.gnolia, and Twitter, and how, as a consequence, their behavior served to improve information discovery for other users.

Advisors: Dr. James Hollan and Dr. Edwin Hutchins.

Visiting Researcher, Palo Alto Research Center (PARC)
Palo Alto, CA; September 2007–June 2008

Towards a Model of Understanding Social Search: With Dr. Ed Chi, we conducted a survey on Mechanical Turk asking 150 users to describe their most recent search act. By integrating our results with models from previous work in sensemaking and information seeking behavior, we present a canonical model of social search, suggesting where in the search process even implicitly shared information may be valuable to individual searchers.

Summer Intern, Palo Alto Research Center (PARC)
Palo Alto, CA; June–September 2007

Augmented Information Assimilation: Social and Algorithmic Web Aids for the Information Long Tail: Worked with Dr. Stuart Card studying how early adopters make use of emerging *information assimilation* services on the Web as part of their daily routine, including how they exploit online information environments to reduce the need for attention, organizational, and social sharing acts.

Distributed Cognition and Human-Computer Interaction Laboratory
UC San Diego, Cognitive Science Department; September 2006–present

Spent some time developing technology to support multi–scale analysis of real-world activity based on the SIMILE Timelines. Also worked on an evaluation study of the ANOTO digital pen and associated software (developed by Dr. François Guimbretière and others at the University of Maryland).

Research Associate, SAM Technology, Inc.
San Francisco, CA; June 2003–June 2006

Electroencephalogram (EEG) studies of human cognitive brain function. Tasks included data collection, review, analysis, and technical report writing; hardware and software testing; and protocol and task development.

Research Assistant, Cognitive Neuroscience Laboratory (Dr. John Gabrieli)
Stanford University, Psychology Department; Sept 2000–June 2003

2001–2003 Worked with Dr. Adam K. Anderson. fMRI study of attentional manipulation and subsequent cortical activation patterns to emotionally arousing versus neutral words for senior honors thesis.

2000–2001 Worked with Dr. Turhan Canli. fMRI study of the neural basis of personality and emotion.

Teaching and Advising

Cogs 120 Human–Computer Interaction (TA, Fall '07)—An introduction to the fields of human–computer interaction and interaction design.

Cogs 1 Introduction to Cognitive Science (TA, Winter '07)—Lower level course intended to expose students to the broad field of Cognitive Science.

Cogs 102C Cognitive Engineering (TA, Spring '07)—Upper level, project-based course focused on the process of cognitive and contextual design.

Cogs 10 Cognitive Consequences of Technology (TA, Spring '09)—Lower level course exploring the cognitive and cultural consequences of technology in society.

Sasanna Yee Graduate Advisor for Honors Project (2007)—cognitive and emotive nature of building human–sized architecture.

Monica Okubo Graduate Advisor for Honors Project (2007)—understanding cognitive design principles for step-by-step origami folding instructions.

Megan O'Rorke Graduate Advisor for Honors Project (2009)—studying how people-tagging systems portray images of ourselves and of others, and the impact of aggregated identity tags on awareness of our background and interests.

Skills

Some experience with HTML, JavaScript, C, python, matlab.

Activities

Post-Collegiate Lacrosse Club (player)
San Diego Club Lacrosse: 2006–present
Bay Area Club Lacrosse: 2001–2006

Lacrosse Coach
JV Assistant Coach: Berkeley High School, Berkeley, CA; 2005 Season
Varsity Assistant Coach: The Menlo School, Menlo Park, CA; 2001 & 2003 Seasons

Stanford Women's Varsity Lacrosse (player)
Stanford University, 1998–2000