

Dean Eckles

dean (at) deaneckles.com
<http://deaneckles.com>

Department of Communication
Building 120, Room 110
450 Serra Mall
Stanford University
Stanford, CA 94305-2050

Research interests

Human-computer interaction
Social cognition and folk psychology
Social responses to communication technologies
Persuasion, social influence, and behavior change
Source effects and source orientation
Computer-mediated communication and self-disclosure
Services powered by online communities and markets
Applied statistics for social and cognitive science

Education

2008- PhD in Communication Research, Stanford University
2007 MS in Symbolic Systems, Stanford University
2006 BS in Symbolic Systems, Stanford University
2006 BA in Philosophy with Honors, Stanford University

Positions

2008- *PhD Student and Research Assistant*, CHIME Lab, Stanford University
2007-2009 *Member of Research Staff*, Nokia Research Center, Palo Alto
2006, 2009 *Teaching Assistant*, Department of Computer Science, Stanford University
2004-2007 *Research Specialist*, Persuasive Technology Lab, Stanford University
2005-2006 *Research Intern*, Yahoo! Research Berkeley
2005 *User Experience Intern*, Yahoo!

Archival peer-reviewed papers

Ahern, S., Eckles, D., Good, N. S., King, S., Naaman, M., & Nair, R. (2007). Over-exposed?: privacy patterns and considerations in online and mobile photo sharing. In: *Proceedings of the SIGCHI conference on Human factors in computing systems*, pages 357-366. ACM Press.

- Ames, M., Eckles, D., Naaman, M., Spasojevic, M., & House, N. V. (2009). Requirements for mobile photoware. *Personal and Ubiquitous Computing*. Available online, forthcoming in print.
- Eckles, D., Wightman, D., Carlson, C., Thamrongrattanakrit, A., Bastea-Forte, M., & Fogg, B. J. (2009). Social responses in mobile messaging: Influence strategies, Self-Disclosure, and source orientation. In: *Proceedings of the SIGCHI conference on Human Factors in computing systems*. ACM Press.
- Fogg, B. J. & Eckles, D. (2007). The behavior chain for online participation: How successful web services structure persuasion. In: *Proceedings of Persuasive Technology 2007*, pages 199–209. Springer.

Books

- B. J. Fogg & D. Eckles, ed. (2007). *Mobile Persuasion: 20 Perspectives on the Future of Behavior Change*. Stanford Captology Media.

Book chapters

- Eckles, D. (2007). Redefining persuasion for a mobile world. In: *Mobile Persuasion: 20 Perspectives on the Future of Behavior Change*, B. J. Fogg & D. Eckles, ed. Stanford Captology Media.
- Eckles, D. (2009). Informing the design of mobile health messaging services with user research. In: *Texting 4 Health*, B. J. Fogg & R. Adler, ed. Stanford Captology Media.

Peer-reviewed extended abstracts and workshop papers

- Ahern, S., Davis, M., Eckles, D., King, S., Naaman, M., Nair, R., Spasojevic, M., & Yang, J. H. I. (2006). Zonetag: Designing context-aware mobile media capture to increase participation. In: *Adjunct Proceedings of Ubicomp*.
- Cuellar, G., Eckles, D., & Spasojevic, M. (2008). Photos for information: a field study of cameraphone computer vision interactions in tourism. In: *CHI '08 extended abstracts on Human factors in computing systems*, pages 3243–3248. ACM.
- Eckles, D., Ballagas, R., & Takayama, L. (2009). The design space of Computer-Mediated communication: Dimensional analysis and actively mediated communication. Presented at Socially Mediating Technologies, Workshop at CHI 2009.
- Eckles, D., Wightman, D., Carlson, C., Thamrongrattanakrit, A., Bastea-Forte, M., & Fogg, B. J. (2007). Self-Disclosure via mobile messaging: Influence strategies and social responses to communication technologies. In: *Adjunct Proceedings of Ubicomp*.

Nakhimovsky, Y., Eckles, D., & Riegelsberger, J. (2009). Mobile user experience research: Challenges, methods & tools. In: *CHI '09 extended abstracts on Human factors in computing systems*. ACM Press.

Sohn, T., Takayama, L., Eckles, D., & Ballagas, R. (2009). Auditory priming for upcoming events. In: *CHI '09 extended abstracts on Human factors in computing systems*. ACM Press.

Sukumaran, A., Ophir, E., Eckles, D., & Nass, C. I. (2009). Variable environments in mobile interaction aid creativity but impair learning and self-disclosure. Presented at the Association for Psychological Science Convention 2009.

Working papers

Eckles, D., Cuellar, G., & Spasojevic, M. (2009). Physical pointing in mobile, recognition-based interfaces. In preparation.

Kaptein, M., Eckles, D., & Nass, C. I. (2009). Persuasion profiling.

Theses

Eckles, D. (2006). *Radical Interpretability and Parasitism: Justifying the Principle of Charity*. Honors thesis, Stanford University.

Eckles, D. (2007). *Mobile Persuasive Technology and Influencing Self-Disclosure Behavior*. Master's thesis, Stanford University.

Patents

Eckles, D. Method, apparatus and computer program product for providing gaze information. Pending 12/203,576.

Fogg, B. J., Cuellar, G. S., & Eckles, D. System and method for providing highly readable text on small mobile devices. Pending 11/267,028.

Teaching

2009 *Teaching assistant*, Phenomenological Foundations of Cognition, Language, and Computation (CS 378, Terry Winograd), Stanford University.

2009 *Guest lecturer*, Computers and Interfaces: Psychological and Social Issues (Comm 169/269, Clifford Nass), Stanford University. Lecturing on folk psychology and its applications to interactive technologies.

2007-2009 *Research practicum mentor*, Experimental Research in Advanced User Interfaces

(Comm 168/268, Clifford Nass), Stanford University. Guiding three teams of undergraduate and graduate students to design, run, analyze, and publish human-computer interaction experiments.

2006 *Teaching assistant*, Persuading People Online and via Mobile Phones (CS 377P, B.J. Fogg), Stanford University. Developing new curriculum and assignments, lecturing, leading discussions, designing course Web presence, grading assignments.

2005-2008 *Instructor*, Rapid Prototyping for Mobile Interaction, tutorials and labs for Computer Science courses (CS 147, 247, 377P), Stanford University, and similar workshops for Yahoo! employees. Developing curriculum, teaching, inviting additional lecturers.

Professional service

2007-2009 Program Committee, Persuasive Technology

2008 Poster Co-chair and Program Committee, Mobiquitous, Dublin

2007 Associate Chair, Mobile Persuasion, Stanford University

2007 Organizing Committee, Persuasive Technology, Stanford University

2008, 2010 Reviewer, ACM Conference on Computer Supported Cooperative Work (CSCW)

2009 Reviewer, International Conference on Ubiquitous Computing (UbiComp)

2009 Reviewer, SIGCHI Conference on Human factors in computing systems (CHI)

2009 Reviewer, *International Journal of Human-Computer Studies*

2009 Reviewer, *Communications of the Association for Information Systems*

Press

Michael Bazeley. Text streaming service lets users read material as fast as they can. *The Seattle Times*, May 2005. URL http://seattletimes.nwsources.com/html/business/technology/2002284693_bt_buddybuzz23.html.

Richard Fisher. Appland: How smartphones are transforming our lives. *New Scientist*, (2722), August 2009. URL <http://www.newscientist.com/article/mg20327220.200-appland-how-smartphones-are-transforming-our-lives.html?full=true>.

Ina Fried and Michael Kanellos. Reading phone text one word at a time. *CNET News*, July 2005. URL http://news.cnet.com/2100-1046_3-5785579.html.