

# Jason W. Wiese

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Citizenship: USA

## Research Interests

I am fascinated by the ways that mobile computing can be used to positively affect social interactions and improve information accessibility, and how we can collect and interpret contextual information to contribute to this knowledge. I focus on incorporating richer representations of interpersonal relationship in interactive systems. I take a highly interdisciplinary approach to my work, drawing on the fields of computer science, social science, and design.

## Professional Experience

08/2008 – present  
Pittsburgh, PA

### **Graduate Student Researcher, Carnegie Mellon University**

Exploring different ways that people can leverage existing digital data about themselves. Conducted user studies to understand appropriation of location-based technology across users and identify user-attributed value to sharing scenarios. Analyzed location data looking for patterns in mobility compared with familial role. Built a strong understanding of personal relationship literature from quantitative and qualitative perspectives.

05/2010 – 08/2010  
Palo Alto, CA

### **Research Intern, FX Palo Alto Laboratory, Inc.**

Did work exploring the awareness needs of modern workers (increased mobility, irregular hours, ad hoc collaboration). Built and field tested a working system that operationalized our findings, and elicited design recommendations for builders of awareness systems, and more generally for systems that support workers in varying degrees of mobility and across different form factors. Press: *Tech Review* (2010). “Someone’s Watching You,” October 28

07/2007 – 08/2008  
San Diego, CA

### **Human Factors Engineering Intern, Qualcomm, Inc.**

Initiated research project in developing a unique gestural interface for a small device. Conducted user tests, identified user requirements, and developed use cases. Participated in interface design sessions, and constructed mock-ups of interfaces. Gathered information on user types, alternative input methods and current research topics, and presented to Advanced Technology group. Collaborated with group on a variety of projects, while completing tasks efficiently and independently.

## Education

08/2008 – present  
Pittsburgh, PA

Ph.D., Human-Computer Interaction, Carnegie Mellon University

Advisors: Jason Hong and John Zimmerman

Relevant Courses: Applied Machine Learning, Computational Modeling of Complex Socio-Technical Systems, Computer-Mediated Communication, Ubiquitous Computing

09/2003 – 06/2008

B.S., Computer Science, University of California at San Diego

San Diego, CA Cum Laude, GPA: 3.753, Revelle College Provost's Honor List  
 Minor: Cognitive Science  
 09/2006 – 05/2007 Visiting Undergraduate, University of Edinburgh  
 Edinburgh, Scotland Honors Thesis: Specifying a Better Tool for Named-Entity Annotation

## Publications

2011 **Wiese, J.**, van Melle, B., Turner, T., Biehl, J. Beyond 'yesterday's tomorrow':  
 Towards the design of awareness technologies for the contemporary worker.  
 To appear in MobileHCI '11  
 Lindqvist, J., Cranshaw, J., **Wiese, J.**, Hong, J. and Zimmerman, J. "I'm the  
 Mayor of My House: Examining Why People Use foursquare - a Social-Driven  
 Location Sharing Application." to appear in CHI - the 29th ACM Conference  
 on Human Factors in Computing  
 2010 Harrison, C., **Wiese, J.**, and Dey, A. K., 2010. "Achieving Ubiquity: The New  
 Third Wave." IEEE Multimedia, July-September 2010, 17(3). IEEE,  
 Washington, D.C. 8-12  
 August 2010 *Supporting Awareness and Communication Initiation for Modern Workers*, Invited Talk,  
 FX Palo Alto Laboratory

## Teaching

Fall 2010 **Teaching Assistant, Human-Computer Interaction Methods**  
 Advised project groups, held weekly office hours, created assignments and  
 exams, and graded

## Academic Honors and Awards

2011 Yahoo! Key Scientific Challenges Award Winner  
 2011 Facebook Ph.D. Fellowship Award Finalist  
 2009 NSF Graduate Research Fellowship Honorable Mention  
 2008 Georgia Institute of Technology Presidential Fellowship (declined)  
 2008 Member, Phi Beta Kappa Honor Society  
 2007 Qualstar Diamond-Level Employee Award (Qualcomm, Inc.)  
 2006 Member, Tau Beta Pi Engineering Honor Society  
 2003 – 2007 Thomas J. Watson Memorial Scholarship  
 2003 Life Member, National Honor Society

## Service

2011 Reviewer, Ubicomp, MobileHCI  
 2010 Reviewer, IEEE Pervasive Computing, CHI  
 2011 Program Committee, CHI Work in Progress  
 2010 Contributing Author, ACM Crossroads  
 2010, 2011 Student Volunteer, CHI  
     Co-developed official conference phone applications (2010, 2011)  
     CHI Photography Team  
 Departmental Service  
 2009-2011 Prospective Ph.D. Student Open House Organizational Committee  
     Co-chair (2010, 2011)  
 2009 – present Committee Member, SUCCOTASH  
 2010 – present Ph.D. Lunch Seminar Coordinator

2010 CMU Computer Science outreach roadshow volunteer

### Association Memberships

2009 – present Member, ACM Association for Computing Machinery  
2003 Eagle Scout, Boy Scouts of America