

# James Clawson

## Research Statement

My research interests are in human-computer interaction (HCI), ubiquitous and wearable computing, and mobile health with a focus on designing and evaluating systems that support patients' everyday engagement with their health and wellness. My Ph.D. thesis focused on the design and evaluation of a system that leverages features of human typing to automatically detect and correct errors made when typing on a mobile phone. As a Post-Doctoral Fellow I have engaged in two year-long in-the-wild deployments of mobile health technologies to support breast cancer patients as well as investigated the adoption, use, and abandonment of wearable health tracking technologies.

## Education

- |                  |                                                                                                                                                                                                                                        |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>2013-2015</i> | <b>Post-Doctoral Fellow</b><br>Georgia Institute of Technology, Atlanta, Georgia<br>Faculty Advisor: Elizabeth Mynatt                                                                                                                  |
| <i>2006-2012</i> | <b>Ph.D. Human Centered Computing</b><br>Georgia Institute of Technology, Atlanta, Georgia<br>Dissertation: On-the-Go Text Entry: Evaluating and Improving Mobile Text Input on Mini-QWERTY Keyboards<br>Faculty Advisor: Thad Starner |
| <i>2002-2005</i> | <b>M.S. Human Computer Interaction</b><br>Georgia Institute of Technology, Atlanta, Georgia                                                                                                                                            |
| <i>1996-2001</i> | <b>B.S. Industrial and Systems Engineering</b><br>Georgia Institute of Technology, Atlanta, Georgia                                                                                                                                    |

## Honors and Awards

- |             |                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------|
| <i>2015</i> | Outstanding Post-Doctoral Research Award from Georgia Tech's College of Computing                                                  |
| <i>2015</i> | NIH mHealth Scholar                                                                                                                |
| <i>2014</i> | <b>Best paper nomination</b> ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)                                     |
| <i>2014</i> | "Special Recognitions" received for reviewing Papers and Notes at CHI 2014                                                         |
| <i>2009</i> | <b>Best paper nomination</b> ACM International Conference on Human-computer Interaction with Mobile Devices & Services (mobileHCI) |

- 2005 **Best paper nomination** IEEE International Symposium on Wearable Computers (ISWC)
- 1996–2001 President’s Scholarship
- 1996–2001 Governors Scholarship
- 1996–2001 Hope Scholarship

**Publications**

**Theses**

- T.1 James Clawson. *On-the-go Text Entry: evaluating and improving mobile text input on mini-qwerty keyboards*. Ph.D. thesis, Georgia Institute of Technology, Atlanta, GA, December 2012

**Book Chapters**

- B.1 Daniel Ashbrook, Kent Lyons, James Clawson, and Thad Starner. Methods of Evaluation for Wearable Computing. In Gilsoo Cho, editor, *Smart Clothing: Technology and Applications*. CRC Press, 2009

**Journals**

- J.3 Alireza Sahami Shirazi, James Clawson, Yashar Hassanpour, Mohammad J. Tourian, Albrecht Schmidt, Ed H. Chi, Marko Borazio, and Kristof Van Laerhoven. Already up? using mobile phones to track & share sleep behavior. *International Journal of Human-Computer Studies*, 71(9):878 – 888, 2013. ISSN 1071-5819
- J.2 Haitao Song, James Clawson, and Iulian Radu. Updating Fitts’ Law to Account for Small Targets. *International Journal of Human Computer Interaction*, 28(7):433–444, 2012
- J.1 Nirmal Patel, James Clawson, Amy Volda, and Kent Lyons. Mobiphos: A study of user engagement with a mobile collocated-synchronous photo sharing application. *Int. J. Hum.-Comput. Stud.*, 67(12):1048–1059, 2009. ISSN 1071-5819

**Full Papers at Refereed Conferences**

- C.12 Maia Jacobs, James Clawson, and Elizabeth D. Mynatt. Lessons Learned From a Yearlong Deployment of Customizable Breast Cancer Tablet Computers. In *WH ’15: Proceedings of the Wireless Health 2015 on National Institutes of Health*. ACM, New York, NY, USA, 2015
- C.11 James Clawson, Jessica A. Pater, Andrew D. Miller, Elizabeth D. Mynatt, and Lena Manykina. No Longer Wearing: Investigating the Abandonment of Personal Health-tracking Technologies on Craigslist. In *Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing*, UbiComp ’15, pages 647–658. ACM, New York, NY, USA, 2015. ISBN 978-1-4503-3574-4
- C.10 Maia Jacobs, James Clawson, and Elizabeth D. Mynatt. Comparing Health Information Sharing Preferences of Cancer Patients, Doctors, and Navigators. In *Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing*, CSCW ’15. ACM, New York, NY, USA, 2015

- C.9 James Clawson, Thad Starner, Daniel Kohlsdorf, David P. Quigley, and Scott Gilliland. Texting While Walking: An Evaluation of Mini-qwerty Text Input While On-the-go. In *Proceedings of the 16th International Conference on Human-computer Interaction with Mobile Devices & Services*, MobileHCI '14, pages 339–348. ACM, New York, NY, USA, 2014. ISBN 978-1-4503-3004-6
- C.8\* Maia Jacobs, James Clawson, and Elizabeth D. Mynatt. My Journey Compass: A Preliminary Investigation of a Mobile Tool for Cancer Patients. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*, CHI '14, pages 1467–1478. ACM, New York, NY, USA, 2014 **\*Best Paper Nomination**
- C.7 Maia Jacobs, James Clawson, and Elizabeth D. Mynatt. Cancer Navigation: Opportunities and Challenges for Facilitating the Breast Cancer Journey. In *Proceedings of the 17th ACM Conference on Computer Supported Cooperative Work & Social Computing*, CSCW '14, pages 1467–1478. ACM, New York, NY, USA, 2014. ISBN 978-1-4503-2540-0
- C.6 Halley P. Profita, James Clawson, Scott Gilliland, Clint Zeagler, Thad Starner, Jim Budd, and Ellen Yi-Luen Do. Don't mind me touching my wrist: a case study of interacting with on-body technology in public. In *Proceedings of the 17th annual international symposium on International symposium on wearable computers*, ISWC '13, pages 89–96. ACM, New York, NY, USA, 2013. ISBN 978-1-4503-2127-3
- C.5 Caleb Southern, James Clawson, Brian Frey, Gregory D. Abowd, and Mario Romero. An Evaluation of BrailleTouch: Mobile Touchscreen Text Entry for the Visually Impaired. In *Proceedings of the 14th International Conference on Human Computer Interaction with Mobile Devices and Services*, MobileHCI '12. ACM, New York, NY, USA, 20112
- C.4 Nirmal J. Patel, James Clawson, Namwook Kang, SeungEok Choi, and Thad Starner. A study of cultural effects on mobile-located group photo sharing. In *Proceedings of the 16th ACM international conference on Supporting group work*, GROUP '10, pages 121–130. ACM, New York, NY, USA, 2010. ISBN 978-1-4503-0387-3
- C.3 James Clawson, Amy Volda, Nirmal Patel, and Kent Lyons. Mobiphos: a collocated-synchronous mobile photo sharing application. In *MobileHCI '08: Proceedings of the 10th international conference on Human computer interaction with mobile devices and services*, pages 187–195. ACM, New York, NY, USA, 2008. ISBN 978-1-59593-952-4
- C.2 James Clawson, Kent Lyons, Alex Rudnick, Jr. Robert A. Iannucci, and Thad Starner. Automatic whiteout++: correcting mini-QWERTY typing errors using keypress timing. In *CHI '08: Proceeding of the twenty-sixth annual SIGCHI conference on Human factors in computing systems*, pages 573–582. ACM, New York, NY, USA, 2008. ISBN 978-1-60558-011-1
- C.1\* James Clawson, Kent Lyons, Thad Starner, and Edward Clarkson. The impacts of limited visual feedback on mobile text entry for the Twiddler and mini-QWERTY keyboards. In *Proceedings of the Ninth IEEE International Symposium on Wearable Computers*, pages 170–177. 2005 **\*Best Paper Nomination**

#### Short Papers at Refereed Conferences (Notes)

- N.8 Lucy E. Dunne, Halley Profita, Clint Zeagler, James Clawson, Scott Gilliland, Ellen Yi-Luen Do, and Jim Budd. The social comfort of wearable technology and gestural in-

teraction. In *Engineering in Medicine and Biology Society (EMBC), 2014 36th Annual International Conference of the IEEE*, pages 4159–4162. Aug 2014

- N.7 James Clawson, Nirmal Patel, and Thad Starner. Dancing in the Streets: The design and evaluation of a wearable health game. In *Wearable Computers (ISWC), 2010 International Symposium on*, pages 1–4. October 2010. ISSN 1550-4816
- N.6\* Nirmal Patel, James Clawson, and Thad Starner. A model of two-thumb chording on a phone keypad. In *MobileHCI '09: Proceedings of the 11th International Conference on Human-Computer Interaction with Mobile Devices and Services*, pages 1–4. ACM, New York, NY, USA, 2009. ISBN 978-1-60558-281-8 **\*Best Paper Nomination**
- N.5 James Clawson, Nicholas Komor, Scott Gilliland, Manish Bhardwaj, Mayank Garg, Clint Zeagler, and Thad Starner. Is It Gropable? Assessing the Impact of Mobility on Textile Interfaces. In *Proceedings of IEEE International Symposium on Wearable Computers (ISWC)*, pages 170–177. 2009
- N.4 Daniel L. Ashbrook, James R. Clawson, Kent Lyons, Thad E. Starner, and Nirmal Patel. Quickdraw: the impact of mobility and on-body placement on device access time. In *CHI '08: Proceeding of the twenty-sixth annual SIGCHI conference on Human factors in computing systems*, pages 219–222. ACM, New York, NY, USA, 2008. ISBN 978-1-60558-011-1
- N.3 James Clawson, Alex Rudnick, Kent Lyons, and Thad Starner. Automatic Whiteout: Discovery and Correction of Typographical Errors in Mobile Text Input. In *MobileHCI '07: Proceedings of the 9th conference on Human-computer interaction with mobile devices and services*. ACM Press, New York, NY, USA, 2007
- N.2 Edward Clarkson, Kent Lyons, James Clawson, and Thad Starner. Revisiting and Validating a Model of Two-Thumb Text Entry. In *In the Extended Abstracts on Human Factors in Computing Systems (CHI 2007)*. ACM Press, New York, NY, USA, 2007
- N.1 Edward Clarkson, James Clawson, Kent Lyons, and Thad Starner. An empirical study of typing rates on mini-QWERTY keyboards. In *CHI '05: CHI '05 Extended abstracts on Human factors in computing systems*, pages 1288–1291. ACM Press, New York, NY, USA, 2005

#### Posters at Refereed Conferences

- P.3 Maia Jacobs, James Clawson, and Elizabeth D. Mynatt. Perceptions of Breast Cancer Navigation from Survivors and Oncologists. In *Workshop on Interactive Systems in Healthcare*. 2013
- P.2 Maia Jacobs, James Clawson, and Elizabeth Mynatt. Cancer Compass: Examining Personal Health Record Usage Among Breast Cancer Survivors. In *Proceedings of the 7th International Conference on Pervasive Computing Technologies for Healthcare, PervasiveHealth '13*, pages 264–265. ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering), ICST, Brussels, Belgium, Belgium, 2013. ISBN 978-1-936968-80-0
- P.1 Joshua T. Cothran, James Clawson, and Jehan Moghazy. Design and implementation of an educational technology for a historic home. In *CHI '01: CHI '01 Extended abstracts on Human factors in computing systems*, pages 479–480. ACM Press, New York, NY, USA, 2001

## Organized Workshop

- W.9 Martin Porcheron, Andres Lucero, Aaron Quigley, Nicolai Marquardt, James Clawson, and Kenton O'Hara. Proxemic Mobile Collocated Interactions. In *CHI '16 Extended Abstracts on Human Factors in Computing Systems*, CHI EA '16. ACM, New York, NY, USA, 2016
- W.8 Keith Vertanen, Mark D. Dunlop, James Clawson, Per Ola Kristensson, and Ahmed Sabbir Arif. Inviscid Text Entry and Beyond. In *CHI '16 Extended Abstracts on Human Factors in Computing Systems*, CHI EA '16. ACM, New York, NY, USA, 2016
- W.7 Andres Lucero, Danielle Wilde, Simon Robinson, Joel E Fischer, James Clawson, and Oscar Tomico. Mobile Collocated Interactions With Wearables. In *MobileHCI '15: Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct*. ACM, New York, NY, USA, 2015. ISBN 978-1-4503-3653-6
- W.6 James Clawson, Ahmed Sabbir Arif, Stephen A. Brewster, Mark D. Dunlop, Per Ola Kristensson, and Antti Oulasvirta. Text Entry on the Edge. In *CHI '15 Extended Abstracts on Human Factors in Computing Systems*, CHI EA '15. ACM, New York, NY, USA, 2015
- W.5 Andres Lucero, James Clawson, Kent Lyons, Joel E Fischer, Daniel Ashbrook, and Simon Robinson. Mobile Collocated Interactions: From Smartphones to Wearables. In *CHI '15 Extended Abstracts on Human Factors in Computing Systems*, CHI EA '15. ACM, New York, NY, USA, 2015
- W.4 James Clawson, Stephen A. Brewster, Mark D. Dunlop, Per Ola Kristensson, Poika M. Isokoski, Antti Oulasvirta, Keith Vertanen, and Annalu Waller. The Usability of Text Entry Systems Now and in the Future. In *CHI '14 Extended Abstracts on Human Factors in Computing Systems*, CHI EA '14, pages 1139–1142. ACM, New York, NY, USA, 2014. ISBN 978-1-4503-2474-8
- W.3 Per Ola Kristensson, Stephen Brewster, James Clawson, Mark Dunlop, Leah Findlater, Poika Isokoski, Benoit Martin, Antti Oulasvirta, Keith Vertanen, and Annalu Waller. Designing and evaluating text entry methods. In *Proceedings of the 2013 ACM annual conference extended abstracts on Human Factors in Computing Systems Extended Abstracts*, CHI EA '13. ACM, New York, NY, USA, 2013
- W.2 Per Ola Kristensson, James Clawson, Mark Dunlop, Poika Isokoski, Brian Roark, Keith Vertanen, Annalu Waller, and Jacob Wobbrock. Designing and evaluating text entry methods. In *Proceedings of the 2012 ACM annual conference extended abstracts on Human Factors in Computing Systems Extended Abstracts*, CHI EA '12, pages 2747–2750. ACM, New York, NY, USA, 2012. ISBN 978-1-4503-1016-1
- W.1 Nirmal J. Patel and James Clawson. Designing and evaluating mobile systems for collocated group use. In *Proceedings of the 13th International Conference on Human Computer Interaction with Mobile Devices and Services*, MobileHCI '11, pages 765–768. ACM, New York, NY, USA, 2011. ISBN 978-1-4503-0541-9

## Workshop Papers at Refereed Conferences

- w.6 Maia Jacobs, James Clawson, and Elizabeth D. Mynatt. Examining Proactive Health through a Health Journey Lens. In *Workshop on Moving Beyond E-Health and the*

*Quantified Self.*, CSCW '15. Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing, 2015

- w.5 James Clawson, Maia Jacobs, and Elizabeth D. Mynatt. Transitioning through Cancer: Supporting the Cancer Journey from Diagnosis to Survivorship. In *Workshop on Designing Technology for Major Life Events.*. CHI 2014: ACM annual conference extended abstracts on Human Factors in Computing Systems, 2014
- w.4 Kent Lyons and James Clawson. Analytical Evaluation of the Impact of Phrase Sets on Text Entry Rates. In *Designing and evaluating text entry methods.* CHI 2012: ACM annual conference extended abstracts on Human Factors in Computing Systems, 2012
- w.3 James Clawson, Nirmal Patel, and Thad Starner. Digital Kick in the Shin: On-body communication tools for couples trapped in face-to-face group conversations. In *Workshop on Ensembles of On-Body Devices.* MobileHCI '10: Proceedings of the 12th International Conference on Human-Computer Interaction with Mobile Devices and Services, 2010
- w.2 James Clawson, Nirmal Patel, and Thad Starner. Exploring Computer Augmented Communication through an Examination of the Collocated Use of Multiple Mobile Displays. In *Beyond the Laboratory: Supporting Authentic Collaboration with Multiple Displays.* CSCW '08: Proceedings of the 2008 Conference on Computer Supported Cooperative Work, 2008
- w.1 Valerie Henderson-Summet and James Clawson. Usability at the Edges: Bringing the Lab into the Real World and the Real World into the Lab. In *Workshop on Usability in the Wild.* 11th IFIP TC13 International Conference on Human-Computer Interaction, INTERACT 2007, 2007

#### Demonstrations at Refereed Conferences

- d.1 Caleb Southern, James Clawson, Brian Frey, Gregory Abowd, and Mario Romero. Braille Touch: mobile touchscreen text entry for the visually impaired. In *Proceedings of the 14th international conference on Human-computer interaction with mobile devices and services companion*, MobileHCI '12, pages 155–156. ACM, New York, NY, USA, 2012. ISBN 978-1-4503-1443-5

#### Published Papers (non-refereed)

- Pn.1 Daniel Ashbrook, Kent Lyons, and James Clawson. Capturing Experiences Anytime, Anywhere. *IEEE Pervasive Computing*, 5(2):6–7, 2006

#### Teaching

Spring 2015	Graduate Teaching Assistant for Beth Mynatt CS7455 - Issues in Human Centered Computing	Georgia Tech 10 students
Spring 2014	Graduate Teaching Assistant for Beth Mynatt CS7455 - Issues in Human Centered Computing	Georgia Tech 9 students
Spring 2013	Graduate Teaching Assistant for Beth Mynatt CS7455 - Issues in Human Centered Computing	Georgia Tech 8 students

<i>Spring 2009</i>	Instructor of Record CS3750 - Introduction to Human Computer Interaction	Georgia Tech 40 students
<i>Summer 2008</i>	Graduate Teaching Assistant for Valerie Summet CS4001 - Computers and Society	Georgia Tech 25 students
<i>Spring 2008</i>	Graduate Teaching Assistant for Beth Mynatt CS7455 - Issues in Human Centered Computing	Georgia Tech 12 students

**Research Proposals and Grants (Contributor)**

**Approved and Funded**

1. **SCH:INT Creating Interactive Models of Healthcare Journeys to Improve Patient-Centered Care and Patient Engagement**  
 PI: B. Mynatt, Co-PI: T. Starner, RS: James Clawson  
 DHHS/PHS/NIH/National Institutes of Health  
 Funded: \$1,700,000 (2014-2018)

**Professional Experience**

- 1/13-Present*      **Postdoctoral Fellow**  
**Georgia Institute of Technology**      **Atlanta, GA**  
 Conducted mobile health informatics research designing and evaluating technologies to support diabetics and breast cancer survivors.  
 Investigated the adoption, use, and abandonment of wearable health technologies.
- 8/06-12/12*      **Graduate Research Assistant**  
**Georgia Institute of Technology**      **Atlanta, GA**  
 Conducted research to investigate the ways in which media sharing within collocated groups of individuals impacts face-to-face conversations. Completed dissertation research in the field of mobile text entry.
- 8/05-8/06*      **Business Consultant**  
**Georgia Institute of Technology**      **Atlanta, GA**  
 Worked for Georgia Tech's College of Computing focused on technology transfer. Wrote grants, built business cases, and developed business plans. Secured initial funding of \$50K for the Capture Resistance Environment project and placed second in a state-wide business plan competition.
- 8/04-8/05*      **Graduate Research Assistant**  
**Georgia Institute of Technology**      **Atlanta, GA**  
 Conducted a series of evaluations examining individual's abilities to quickly and accurately type on mini-QWERTY keyboards.
- 8/01-8/05*      **Account Coordinator III**  
**Ericsson Inc.**      **Atlanta, GA**  
 BID MANAGEMENT:Lead Bid Manager responsible for coordinating and tendering responses to over 100 RFP's totaling more than 4 billion dollars worth of potential business.

SUPPLY CHAIN MANAGEMENT:Responsible for forecasting shipment from factories and delivery on site of more than 3 billion dollars worth of hardware and software.  
 LEADERSHIP/BUSINESS PROCESS REDESIGN:Designed and implemented a forecasting method, model and evaluation metric adopted by all accounts in the North American Market. Tied the fiscal forecasting processes to the equipment forecasting processes resulting in increased accuracy for quarterly sales and financial targets. Founded and led the “early adopter program” in which I trained the sales teams and the executive management team on the impacts of usability and UI design on end user experience.

## Students Supervised

### Masters

<i>Fall14-Spring15</i>	Shane Owens <i>Pediatric asthma motivation intervention</i>
<i>Spr14-Spring15</i>	Florian Foerster <i>Adaptive interfaces for cancer care</i>
<i>Fall11-Spring12</i>	David Quigley <i>mini-qwerty study administration</i>
<i>Fall10-Spring12</i>	Alex Samarchi <i>mobile tools for physical skill aquisition</i>
<i>Fall10-Sum11</i>	Halley Profita (co-advised with Ellen Do) (C.6, N.8) <i>Social acceptability of wearable technology use in public</i>
<i>Fall10-Spring11</i>	James Deen <i>mobile phone habit formation</i>
<i>Fall06-Spring07</i>	Alex Rudnick (C.2, N.3) <i>Algorithms for automatic error correction on mini-qwerty keyboards</i>

### Undergraduate

<i>Spring15-Fall15</i>	Rahul Singh <i>Adaptive interfaces for cancer care</i>
<i>Spring12</i>	Linda Huynh <i>mini-qwerty data management</i>
<i>Fall11-Spring12</i>	Margaret Markey <i>mini-qwerty thesis study administrator, MQ data analysis</i>
<i>Fall11-Spring12</i>	Alyssa Kuncaitis <i>mini-qwerty thesis study administrator, MQ data analysis</i>
<i>Fall11-Spring12</i>	Bret Brammer <i>mini-qwerty thesis study administrator, MQ data analysis</i>
<i>Fall11-Spring12</i>	Blaise Hymel <i>mini-qwerty thesis study administrator</i>
<i>Fall11-Spring12</i>	Raymond Jabaley <i>mini-qwerty thesis study administrator</i>
<i>Fall11-Spring12</i>	Andres Arbelaez <i>mini-qwerty thesis study administrator</i>
<i>Fall11</i>	Douglas Abrams <i>mini-qwerty thesis study administrator</i>
<i>Fall11</i>	Daniel O'Rourke <i>mini-qwerty thesis study administrator</i>
<i>Fall11</i>	Stephanie Pate <i>mini-qwerty thesis study administrator</i>
<i>Fall11</i>	Jackson Walsh <i>mini-qwerty thesis study administrator</i>
<i>Sum10-Summer11</i>	David Quigley <i>Blackberry capture software, texting in-the-wild platform development</i>

- Fall09-Spring11* Noah Witherspoon *Collocated use of mobile devices*
- Sum09-Spring11* Phong Si *Collocated use of mobile devices*
- Spring11* Barry Li *Walking track sensor building*
- College of Computing winner in the 2010 Undergraduate Research Opportunities Program Spring Research Symposium**
- Summer10* Emily Fujimoto - Harvey Mudd University *Dislexia and Disgraphia errors research*
- Summer10* Brad Henry *Walking track sensor building*
- Summer10* Noah Posner *Industrial Design Student, case design for walking track, Case design for Quickwatch*
- Sum09-Spring10* Alex Samarchi *Collocated use of mobile devices*
- Fall08-Spring09* Daniel Gifford *Texting while driving*
- Overall Winner of the Georgia Tech 2009 Undergraduate Research Opportunities Program Spring Research Symposium**
- 3<sup>rd</sup> place winner in the 2009 Undergraduate Research Opportunities in Computing Research Symposium**
- Sum07,Sum08* Robbie Iannucci - U. Cal Poly (C.2) *Automatic Error detection*
- Sum07* Mary Gezo *Bluetooth mobile input device*
- Fall06* Bobby Mathew *Text entry literature review*

## Community Activities

### Invited Presentations

- October 2015* mHealth Training institute, NIH Campus, Bethesda  
Introduction to Human Centered Computing

### Conference Organizing Committee Member

- 2014* IEEE International Symposium on Wearable Computers (ISWC) Student Travel Grants Chair

### Program Committee Member

- 2012-2014* IEEE International Symposium on Wearable Computers (ISWC)
- 2009-10,2013* ACM International Conference on Human-computer Interaction with Mobile Devices & Services (mobileHCI)
- 2013* EAI International Conference on Pervasive Computing Technologies for Healthcare (Pervasive Health)

### **Student Volunteer**

2009 CHI (Day Captain)  
2008 CHI

### **Peer Reviewer**

#### Conferences

2006-2016 ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)  
2005-2013, 2015 ACM International Conference on Human-computer Interaction with Mobile Devices & Services (mobileHCI)  
2004-10, 2012-15 IEEE International Symposium on Wearable Computers (ISWC)  
2009-11, 2013-14 ACM Symposium on User Interface Software and Technology (UIST)  
2009, 2013, 2015 EAI International Conference on Pervasive Computing Technologies for Healthcare (Pervasive Health)  
2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing (Ubi-Comp)  
2012 ACM conference on Designing Interactive Systems (DIS)  
2012 ACM International Conference on Tangible, Embedded, and Embodied Interaction (TEI)  
2012 ACM Nordic Conference on Human-Computer Interaction (NordiCHI)

#### Journals

2015 IEEE Computer special issue on Wearable Computing  
2014 Personal and Ubiquitous Computing Journal  
2012 Human-Computer Interaction Journal  
2012 ACM Transactions on Computer-Human Interaction (TOCHI)