

JULIE A. KIENTZ

Curriculum Vitae

Human Centered Design & Engineering
403 Sieg Hall
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Seattle, WA 98195

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EDUCATIONAL HISTORY

Georgia Institute of Technology, Atlanta, Georgia
Ph.D., Computer Science
August 2008
Decision Support for Caregivers through Embedded Capture & Access

University of Toledo, Toledo, Ohio
B.S., Computer Science & Engineering
December 2002

EMPLOYMENT HISTORY

University of Washington
Seattle, Washington, United States
Assistant Professor, 2008-Present

Georgia Institute of Technology
Atlanta, Georgia, United States
Graduate Research Assistant, 2004-2008
Graduate Teaching Assistant, 2003-2004

Advanced Industrial Science & Technology
Tsukuba, Ibaraki, Japan
East Asia & Pacific Summer Institute Research Participant, 2005

Intel Corporation
Chandler, Arizona, United States
Software Engineer, 2003

University of California, Berkeley
Berkeley, California, United States
Summer Visiting Undergraduate Researcher, 2002

Argonne National Laboratory
Argonne, Illinois, United States
Undergraduate Researcher, 2002

Compaq Computer Corporation
Shrewsbury, Massachusetts, United States
Computer Engineering Intern, 2000-2001

AWARDS AND HONORS

- Anita Borg Scholarship, 2007-2008, Google
- P.E.O. International Ann Fields Presidential Scholar Award, 2007-2008, P.E.O. International
- Best Paper Award, 2007, Ubicomp 2007 Conference Committee
- Graduate Symposium College of Computing Winner, 2006, Georgia Institute of Technology
- Best Paper Award Honorable Mention, 2006, CSCW 2006 Conference Committee
- Summer Research Fellowship, 2005, Japan Society for the Promotion of Science
- Graduate Research Fellowship, 2004-2007, National Science Foundation
- President's Fellowship, 2003-2007, Georgia Institute of Technology
- Dean's Fellowship, 2003-2007, Georgia Institute of Technology
- President's and Dean's Lists, 1998-2002, University of Toledo
- University Trustee Scholarship, 1998-2002, University of Toledo
- Robert Heyn Scholarship, 1998-2002, University of Toledo College of Engineering
- Most Valuable Person, 2001, Tau Beta Pi Honor Society – Ohio Zeta Chapter
- Wemmer Women's Scholarship, 2000-2001, University of Toledo
- Ryder Roundtable Scholarship, 1998-1999, Ryder Systems, Inc.
- Valedictorian, 1998, River Valley High School

AFFILIATIONS AND OTHER APPOINTMENTS

Assistant Professor, Human Centered Design & Engineering
Assistant Professor, The Information School
Adjunct Assistant Professor, Computer Science & Engineering

PUBLICATIONS

Refereed Archival Journal Publications

- [J.3] Huang, E.M., K. Yatani, K.N. Truong, J.A. Kientz, and S.N. Patel. *Understanding the Situated Sustainability of Mobile Phones: The Influence of Local Constraints and Practices on Transferability*. IEEE Pervasive Computing. Special Issue on Sustainability. Volume 8, Issue 1. January 2009. pp. 46-53.
- [J.2] Kientz, J.A., G.R. Hayes, T.L. Westeyn, T. Starner, and G.D. Abowd. *Pervasive Computing and Autism: Assisting Caregivers of Children with Special Needs*. IEEE Pervasive Computing. Special Issue on Pervasive Healthcare. Volume 6, Issue 1. January 2007. pp. 28-35.
- [J.1] Abowd, G.D., G.R. Hayes, G. Iachello, J.A. Kientz, S.N. Patel, M. Stevens, K.N. Truong. *Prototypes and Paratypes: Designing Mobile and Ubiquitous Computing Applications*. IEEE Pervasive Computing, Volume 4, Issue 4. October 2005. pp. 67-73.

Refereed Archival Conference Full Papers

- [C.12] Kientz, J.A. and G.D. Abowd. *KidCam: Toward an Effective Technology for the Capture of Children's Moments of Interest*. To Appear in the Proceedings of Pervasive 2009. Nara, Japan. 2009. (Acceptance Rate: 18%)

- [C.11] Kientz, J. A., Arriaga, R. I., and Abowd, G. D. 2009. *Baby Steps: Evaluation of a System to Support Record-Keeping for Parents of Young Children*. In the Proceedings of the 27th International Conference on Human Factors in Computing Systems (Boston, MA, USA, April 04 - 09, 2009). CHI '09. ACM, New York, NY, 1713-1722. (Acceptance Rate: 25%)
- [C.10] Kim, S., J.A. Kientz, S.N. Patel, and G.D. Abowd. *Are You Sleeping? Sharing Portrayed Sleeping Status within a Social Network*. In the Proceedings of the 21st Conference on Computer Supported Cooperative Work (CSCW '08). San Diego, California, USA. 2008. pp. 619-628. (Acceptance Rate: 23%)
- [C.9] Patel, S.N., T. Robertson, J.A. Kientz, M.S. Reynolds, and G.D. Abowd. *At the Flick of a Switch: Detecting and Classifying Unique Electrical Events on the Residential Power Line*. In the Proceedings of Ubicomp 2007: The 9th International Conference on Ubiquitous Computing. September 16-19, Innsbruck, Austria, 2007. pp. 271-288. (Acceptance Rate: 19%) (**Awarded Best Paper**)
- [C.8] Kientz, J.A., R.I. Arriaga, M. Chetty, G.R. Hayes, J. Richardson, S.N. Patel, and G.D. Abowd. *Grow and Know: Understanding Record-Keeping Needs for the Development of Young Children*. In the Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '07). San Jose, California, USA. April 28 – May 3, 2007. pp. 1351-1360. (Acceptance Rate: 25%)
- [C.7] Kientz, J.A., G.R. Hayes, G.D. Abowd, and R.E. Grinter. *From the War Room to the Living Room: Decision Support for Home-based Therapy Teams*. In the Proceedings of 2006 20th Anniversary Conference on Computer Supported Cooperative Work (CSCW '06). Banff, Alberta, Canada. November 4-8, 2006. pp. 209-218. (Acceptance Rate: 22%) (**Awarded Best Paper Honorable Mention, Nomination Rate: 5%**)
- [C.6] Kientz, J.A., S.N. Patel, A.T. Tyebkhan, B. Gane, J. Wiley, and G.D. Abowd. *Where's My Stuff? Design and Evaluation of a Mobile System for Locating Lost Items for the Visually Impaired*. In the Proceedings of the 8th international ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '06). Portland, Oregon, USA. Oct. 23-25, 2006. pp. 103-110.
- [C.5] Patel, S.N., J.A. Kientz, G.R. Hayes, S. Bhat, and G.D. Abowd. *Farther Than You May Think: An Empirical Investigation of the Proximity of Users to their Mobile Phones*. In the Proceedings of Ubicomp 2006: The 8th International Conference on Ubiquitous Computing. Orange County, California, USA. September 17-21, 2006. pp. 123-140. (Acceptance Rate: 13%)
- [C.4] Kientz, J.A., S. Boring, G.D. Abowd, and G.R. Hayes. *Abaris: Evaluating Automated Capture Applied to Structured Autism Interventions*. In the Proceedings of Ubicomp 2005: The 7th International Conference on Ubiquitous Computing. Tokyo, Japan, September 11-14, 2005. pp. 323-339. (Acceptance Rate: 9%)
- [C.3] Hayes, G. R., J.A. Kientz, K.N. Truong, D.R. White, G.D. Abowd, and T. Pering. *Designing Capture Applications to Support the Education of Children with Autism*. In the Proceedings of Ubicomp 2004: The 6th International Conference on Ubiquitous Computing. Nottingham, United Kingdom, September 7-10, 2004. pp. 161-178. (Acceptance Rate: 18%)
- [C.2] Hayes, G. R., S.N. Patel, K.N. Truong, G. Iachello, J.A. Kientz, R. Farmer, and G.D. Abowd. *The Personal Audio Loop: Designing a Ubiquitous Audio-Based Memory Aid*. In the Proceedings of Mobile HCI 2004. Glasgow, Scotland, September 13-16, 2004. pp. 168-179.

- [C.1] Mankoff, J., A.K. Dey, G. Hsieh, J. Kientz, S. Lederer, and M. Ames. *Heuristic Evaluation of Ambient Displays*. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '03). Ft. Lauderdale, Florida, USA, April 5 – 10, 2003. pp. 169-176 . (Acceptance Rate: 16%, Google Scholar Citation Count: 176)

Parts of Books (Peer Reviewed)

- [B.2] Mynatt, E.D., G.D. Abowd, L. Mamykina, and J.A. Kientz. *Understanding the Potential of Ubiquitous Computing for Chronic Disease Management*. To appear in *Informatics of Diabetes Management*. 2009.
- [B.1] Patel, S.N., K.N. Truong, G.R. Hayes, G. Iachello, J.A. Kientz, and G.D. Abowd. *Designing a Ubiquitous Audio-Based Memory Aid*. In the *Handbook of Research on User Interface Design and Evaluation for Mobile Technology*. Lumsden, J. (Editor). 2008.

Patents

- [P.1] Kientz, J.A., S. Boring, and G.D. Abowd. Method and Computer Program Product for Obtaining and Processing Data Collected from Various Media. Patent filed August 31, 2007. US Patent Pending (11/848,522).

Conference Non-Archival Papers:

- [c.17] Kientz, J.A., R. I. Arriaga, and G.D. Abowd. *Baby Steps: Evaluation of a Computing System to Support Parent Reporting of Early Childhood Development*. Poster accepted at the International Meeting for Autism Research (IMFAR) May 7-9, 2009, Chicago, Illinois, USA, 2009.
- [c.16] Westeyn, T., J.A. Kientz, T. Starner, and G.D. Abowd. *Designing Toys with Automatic Play Characterization for Supporting the Assessment of a Child's Development*. Workshop on "Designing for Children with Special Needs" at the Seventh Conference on Interaction Design for Children (IDC 2008), Chicago, Illinois. June 11-13, 2008.
- [c.15] Kientz, J.A. and G.D. Abowd. *When the Designer Becomes the User: Designing a System for Therapists by Becoming a Therapist*. In the CHI 2008 Extended Abstracts: Case Studies. Florence, Italy. April 5-10, 2008. pp. 2071-2078.
- [c.14] Kientz, J.A., S. N. Patel, B. Jones, E. Price, E. D. Mynatt, and G. D. Abowd. *The Georgia Tech Aware Home*. In the CHI 2008 Extended Abstracts: Research Landscapes. Florence, Italy. April 5-10, 2008. pp. 3675-3680
- [c.13] Kientz, J.A., G.R. Hayes, R.I. Arriaga, and G.D. Abowd. *Designing and Developing Technology for Caregivers of Individuals with Autism*. Presented the Technology and Mental Health Workshop at CHI 2008. Florence, Italy. 2008.
- [c.12] Kientz, J.A., S.N. Patel, B. Jones, E. Price, E.D. Mynatt, G.D. Abowd. *IT Systems to Support Aging in Place: Aware Home Research Initiative at the Georgia Institute of Technology*. In the Proceedings of the International Future Design Conference on Global Innovations in Marco- and Micro-Environments for the Future, Seoul, Korea. pp. 276-286. 2007.
- [c.11] Patel, S.N., J.A. Kientz, B. Jones, E. Price, E.D. Mynatt, G.D. Abowd. *An Overview of the Aware Home Research Initiative at the Georgia Institute of Technology*. In the Proceedings of the International Future Design Conference on Global Innovations in

- Marco- and Micro-Environments for the Future, Seoul, Korea. pp. 169-181. 2007.
- [c.10] Kientz, J.A. *Supporting Data-Based Decision-Making for Caregivers through Embedded Capture and Access*. Presented at the Grace Hopper Celebration of Women in Computing, October 17-20, Orlando, Florida, 2007.
- [c.9] Kientz, J.A. *Supporting Data-Based Decision-Making for Caregivers through Embedded Capture and Access*. In the Extended Abstracts of The 9th International Conference on Ubiquitous Computing. September 16-19, Innsbruck, Austria, 2007.
- [c.8] Kientz, J.A. and G.D. Abowd. *Abaris: Computing Technology to Support Collaboration and Decision-Making for Discrete Trial Training*. Poster presented at the International Meeting for Autism Research (IMFAR) May 3-5, 2007, Seattle, Washington, USA, 2007.
- [c.7] Kientz, J.A. *Supporting Data-Based Decision-Making for Caregivers through Embedded Capture and Access*. Presented at the Human Computer Interaction Consortium 2007. Fraser, Colorado, USA. January 31-February 4, 2007.
- [c.6] Kientz, J.A. and G.D. Abowd. *Abaris: Technology to Support Collaboration and Decision Making for Discrete Trial Training*. Poster at 2007 Progress and Challenges in the Behavioral Treatment of Autism Conference. Boston, Massachusetts. 2007.
- [c.5] Kientz, J.A. and G.D. Abowd. *Designing Technology to Aid in the Early Detection of Developmental Delay in Children*. UbiHealth 2006: The 4th International Workshop on Ubiquitous Computing for Pervasive Healthcare Applications and UbiComp 2006.
- [c.4] Hayes, G.R., J. Heflin, G.D. Abowd, L.M. Gardere, E. Matthews, J.A. Kientz, R. Oberleitner, T. Pering. *Evaluating a Selectively Archived Video Recording System for Functional Behavior Assessment in Schools*. Poster presented at the International Meeting for Autism Research (IMFAR) (June 1- 3, 2006, Montreal, Quebec, Canada), 2006.
- [c.3] Kientz, J.A. and G.D. Abowd. *Collective Remembering in Evidence-Based Care*. Workshop on Collective Remembering at CHI 2006. Montreal, Canada, April 22-27, 2006.
- [c.2] Abowd, G.D., G.R. Hayes, J.A. Kientz, L. Mamykina, and E.D. Mynatt. *Challenges and Opportunities for Collaboration Technologies for Chronic Care Management*, Presented at The Human-Computer Interaction Consortium (HCIC 2006). Fraser, Colorado, USA, 2006.
- [c.1] Boring, S., J.A. Kientz, G.D. Abowd, and G.R. Hayes. *Abaris: Capture and Access for Structured One-on-One Educational Settings*. In the Extended Abstracts of UbiComp 2005: The 7th International Conference on Ubiquitous Computing. September 11-14, Tokyo, Japan, 2005.

Technical Reports

- [TR.2] Patel, S. N., J.A. Kientz, J.P. Zagal. *LoCoL: Encouraging Social Interaction and Exploration Through a Distributed, Multi-Media, Location-Based Mobile Game*. GVU Tech Report. GIT-GVU-04-17. 2004.
- [TR.1] Kientz, J.A., A.K. Dey, S. Lederer. *Design and Evaluation of Ambient Displays*. SUPERB Technical Reports. Berkeley, CA: University of California, Berkeley, 2002. <http://www.eecs.berkeley.edu/Programs/ugrad/superb/papers2002/kientz.pdf>

Software

- [SW.5] *KidCam*. A prototype child recording device and application that enables parents to monitor children and selectively record videos to be imported into a digital baby book.

Designers: Julie Kientz, Tracy Westeyn, Stefan Puchner, and Gregory Abowd.
Provisional Patent Filed, 2007.

- [SW.4] *Baby Steps*. Application to support parents in tracking developmental progress and organizing photos and videos of newborn children. Designers: Julie Kientz, Arwa Tyebkhan, and Gregory Abowd. Provisional Patent Filed, 2007.
- [SW.3] *FETCH*. Application to assist the visually impaired in finding lost objects using a mobile phone or laptop. Designers: Julie Kientz, Shwetak Patel, Arwa Tyebkhan, Brian Gane, Jennifer Wiley, and Gregory Abowd.
- [SW.2] *Abaris & Abaris 2.0*. Application to support therapists conducting discrete trial training with children with special needs. Designers: Julie Kientz, Sebastian Boring, and Gregory Abowd. Provisional patent filed, 2006. Utility patent filed, 2007.
- [SW.1] *Personal Audio Loop*. Application developed for Motorola i-series handheld phones to support near-term audio reminders. Designers: Khai Truong, Shwetak Patel, Gillian Hayes, Julie Kientz, Giovanni Iachello, Rob Farmer, & Gregory Abowd. Provisional patent filed, 2004.

Media

- [M.7] Guy Kindermans. "Baby fotofun voor babywelzijn" (Dutch Article on Baby Steps) DataNews. April 15, 2009. <http://www.datanews.be/nl/news/90-104-23522/baby-fotofun-voor-babywelzijn.html>
- [M.6] Kristina Grifantini. "A Clever Use for Baby Snapshots: Constant logging could help spot problems in kids." (Covered Baby Steps system) MIT Technology Review Blog. April 13, 2009. <http://www.technologyreview.com/blog/editors/23355/>
- [M.5] Hannah Hickey. "Picture this: Digital album puts focus on kids' health." (Quoted in news story about Baby Steps system). UW News. April 6, 2009. <http://uwnews.org/article.asp?articleID=48536>
- [M.4] Ashley Phillips. "Gadgets of the Future 'Disappear Into Your Life.'" (Quoted in news story on FETCH system). ABC News. August 18, 2008. <http://abcnews.go.com/Technology/SmartHome/story?id=5591114&page=1>
- [M.3] Ivanhoe Broadcast News. "Autism Caught on Tape: Computer Scientists Use Technology to Help Children with Autism." (Quoted in news story and interviewed on film for Abaris). American Institute of Physics Discoveries and Breakthroughs in Science. November 1, 2007. <http://www.aip.org/dbis/stories/2007/17131.html> (Reprinted in Science Daily)
- [M.2] Donna Lowry, Tracey Christensen. "Ga. Tech. Tests Aware Home." 11Alive Atlanta News (Story broadcast on news and appeared on website, mentioned Abaris and other autism projects). April 26, 2006. http://www.11alive.com/news/news_article.aspx?storyid=79099
- [M.1] Barnaby Feder, "Glass that Glows and Gives Stock Information." New York Times, June 10, 2003. (Story on ambient displays, mentioned Bus Mobile from C.1) <http://nytimes.com/2003/06/10/technology/10AMBI.html?8hpib>

OTHER SCHOLARLY ACTIVITY

Invited Lectures and Seminars

1. University of Washington, DUB Seminar: *Computing for Healthy Living and Learning*, December 2008.
2. University of Washington, Technical Communication: *Decision Support through Embedded Capture for Everyday Health and Wellness*, May 2008.
3. Northeastern University, Computer Science Department: *Decision Support through Embedded Capture for Everyday Health and Wellness*, May 2008.
4. University of Calgary, Computer Science Department: *Decision Support through Embedded Capture for Everyday Health and Wellness*, April 2008.
5. University of Washington, Information School: *Decision Support through Embedded Capture for Everyday Health and Wellness*, March 2008.
6. Cornell University, Information Science: *Decision Support through Embedded Capture for Everyday Health and Wellness*, March 2008.
7. University of California, Irvine, Information and Computer Sciences: *Decision Support through Embedded Capture for Everyday Health and Wellness*, March 2008.
8. Georgia Institute of Technology, *GVU Seminar: From the War Room to the Living Room: Decision Support for Home-based Therapy Teams*, October 2006.
9. Georgia Institute of Technology, *GVU Seminar: Farther Than You May Think: An Empirical Investigation of the Proximity of Users to their Mobile Phones*, September 2006.

Presentations Given at Conferences

1. **Kientz, J.A.**, Rosa I. Arriaga, and Gregory D. Abowd. "Baby Steps: Evaluation of a System to Support Record-Keeping for Parents of Young Children" *CHI '09*. (April, 2009).
2. **Kientz, J.A.** and G.D. Abowd. "When the Designer Becomes the User: Designing a System for Therapists by Becoming a Therapist." *CHI '08*. (April, 2008).
3. **Kientz, J.A.**, S.N. Patel, B. Jones, E. Price, E.D. Mynatt, G.D. Abowd. "IT Systems to Support Aging in Place: Aware Home Research Initiative at the Georgia Institute of Technology." *International Future Design Conference on Global Innovations in Macro- and Micro-Environments for the Future*. (October, 2007).
4. **Kientz, J.A.** "Supporting Data-Based Decision-Making for Caregivers through Embedded Capture and Access." *Grace Hopper Celebration of Women in Computing*. (October 2007).
5. **Kientz, J.A.**, R.I. Arriaga, M. Chetty, G.R. Hayes, J. Richardson, S.N. Patel, and G.D. Abowd. "Grow and Know: Understanding Record-Keeping Needs for the Development of Young Children." *CHI '07*. San Jose, California, USA. (May, 2007).
6. **Kientz, J.A.**, G.R. Hayes, G.D. Abowd, and R.E. Grinter. "From the War Room to the Living Room: Decision Support for Home-based Therapy Teams." *CSCW '06*. Banff, Alberta, Canada. (November 2006).
7. **Kientz, J.A.**, S.N. Patel, A.T. Tyebkhan, B. Gane, J. Wiley, and G.D. Abowd. "Where's My Stuff? Design and Evaluation of a Mobile System for Locating Lost Items for the Visually Impaired." *ASSETS '06*. Portland, Oregon, USA. (October 2006).
8. Patel, S.N., **J.A. Kientz**, G.R. Hayes, S. Bhat, and G.D. Abowd. "Farther Than You May Think: An Empirical Investigation of the Proximity of Users to their Mobile Phones." *UbiComp 2006*. Orange County, California, USA. (September, 2006).
9. **Kientz, J.A.**, S. Boring, G.D. Abowd, and G.R. Hayes. "Abaris: Evaluating Automated Capture Applied to Structured Autism Interventions." *UbiComp 2005*. Tokyo, Japan. (September, 2005).

Professional Society Memberships

- Association of Computing Machinery (ACM), 2002-Present
- ACM Special Interest Group on Computer-Human Interaction (SIGCHI), 2005-Present
- ACM Special Interest Group on Accessible Computing (SIGACCESS), 2007-Present
- Institute of Electronics and Electrical Engineers (IEEE), 2004-Present

Paper Reviewing

- Ubicomp: International Conference on Ubiquitous Computing (2006, 2007, 2008, 2009)
- Intelligent User Interfaces (2009)
- ACM Transactions on Accessible Computing (2008)
- CSCW: Computer Supported Cooperative Work (2008)
- CHI: ACM Conference on Human Factors in Computing Systems (2006, 2007, 2008, 2009)
- Pervasive: International Conference on Pervasive Computing (2007, 2009)
- ISWC: International Symposium on Wearable Computing (2008)
- IEEE Pervasive Computing Magazine (2005, 2008)
- MobiSys (2004)

Grant Reviewing

- University of Washington – Royalty Research Fund (2008, 2009)
- Georgia Tech Health Systems Institute – Seed Grant Award (2008)
- Autism Speaks Foundation – Innovative Technology Award (2007)

GRADUATE STUDENTS

Chaired Doctoral Degrees

Student Name	Dissertation Title	Completed (Year)	Current Employer
Eun Kyoung Choe (Co-Chair)	TBD	TBD	N/A
Sajaneer Halko	TBD	TBD	N/A

Other significant student supervision

Student Name	Level of Supervision	Thesis/Paper Title (if applicable)	Completed (Year)
Cynthia Putnam	Ph.D. Committee Member	The usability of user experience research: What makes user experience research useful, effective and usable for design teams?	2009 (expected)
Stephanie Smallman	Undergraduate Independent Study		
Amanda Fonville	Graduate Assistant Work-Study Student		

RESEARCH ACTIVITIES

Pending Proposals

Funding Agency	Title	Total Amount (Subcontracts)	Your Role, Other Pi's co-Pi's	Dates (start-finish)
NSF	HCC: Large: The Analytical Design Studio: A New	\$2,999,969.00	CoPI, PI: (Landay)	9/09-8/14

	Framework for Designing Activity-based Ubiquitous Computing			
NSF	HCC: Small: Mobile Computing Support for the Early Identification of Developmental Delay in Young Children	\$498,161.00	<i>PI</i>	9/09-8/12
University of Washington RRF	Empirically Determining an Effective Balance between Computer-Automated and Self-Reported Records for Health	\$33,710	<i>PI</i>	9/09-8/10
NSF	Promoting Engineering Learning from Design Representations: A Web-based Infrastructure for Engineering Faculty	\$312,315	<i>CoPI, PI: (Atman)</i>	9/09-8/12

SERVICE

Departmental Service

- Branding Committee, Human Centered Design & Engineering, UW, 2009-Present
- Strategic Planning Committee, Technical Communication, UW, (2008)
- Graduate Student Council, College of Computing, Georgia Tech (2003-2008)
- Graduate Curriculum Committee, College of Computing, Georgia Tech (2007-2008)
- Faculty Recruiting Committee, College of Computing, Georgia Tech (2006-2007)
- Women@CC Women’s Computing Group, College of Computing, Georgia Tech (2003-2008)

Professional Society and other service

- Program Committees
 - CHI: ACM Conference on Human Factors in Computing Systems: Program Committee (2009)
 - Ubicomp: International Conference on Ubiquitous Computing: Posters Program Committee (2008)
- Organizing Committees
 - CHI: ACM Conference on Human Factors in Computing Systems: Print Proceedings Chair (2008)
 - Ubicomp: International Conference on Ubiquitous Computing: Student Volunteer Co-Chair (2008), Publicity Chair (2009)
 - Pervasive: International Conference on Pervasive Computing: Student Volunteer Co-Chair (2007)
- Volunteer
 - Student Volunteer: Ubicomp: International Conference on Ubiquitous Computing (2006, 2007)
 - Student Volunteer: CHI: ACM Conference on Human Factors in Computing Systems (2004)

Community Service

- Atlanta Humane Society, Adoption Counselor & Special Events Volunteer (2005-2008)
- Community Friendship Adult Center – Pet-Facilitated Therapy Volunteer (2005-2008)
- Calvin Court Senior Home – Pet-Facilitated Therapy Volunteer (2005-2008)
- Hillside Hospital Children’s Home – Pet-Facilitated Therapy Volunteer (2006-2007)
- Red Cross Hurricane Katrina Volunteer (2005)