JULIE A. KIENTZ
Curriculum Vitæ

University of Washington	Phone: +1-206-221-0614
Human Centered Design & Engineering	Fax: +1-206-543-8858
423C Sieg Hall, Box 352315	Email: jkientz@uw.edu
Seattle, WA 98195	Website: http://www.juliekientz.com

EDUCATIONAL HISTORY

Georgia Institute of Technology, Atlanta, Georgia
Ph.D., Computer Science
August 2008
Dissertation: 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, 2008-2014
Associate Professor, 2014-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
NSF East Asia & Pacific Summer Institute
Research Participant, 2005

Intel Corporation
Chandler, Arizona, United States
Software Engineering Intern, 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

- University of Washington Innovation Award – Research   2015
- University of Washington College of Engineering Faculty Research Innovator Award   2014
- Human Centered Design & Engineering Faculty Research Innovator Award   2014
- Best Paper Honorable Mention, CHI 2014 Conference   2014
- MIT Technology Review Top Innovator Under 35 (TR 35)   2013
- Best Student Paper Nomination, AMIA 2013 Conference   2013
- Best Paper Award, UbiComp 2013 Conference   2013
- Kavli Fellow, National Academy of Sciences   2013

- Best Paper Award, UbiComp 2012 Conference — 2012
- Best Paper Nomination, UbiComp 2012 Conference — 2012
- Human Centered Design & Engineering Junior Faculty Innovator Award — 2012
- Best Paper Award, Persuasive 2010 Conference — 2010
- CAREER Award, National Science Foundation — 2010-2014
- Anita Borg Scholar, Google — 2007-2008
- P.E.O. International Ann Fields Presidential Scholar Award, P.E.O. International — 2007-2008
- Best Paper Award, UbiComp 2007 Conference Committee — 2007
- Georgia Tech Graduate Symposium, College of Computing Winner — 2006
- Best Paper Award Honorable Mention, CSCW 2006 Conference Committee — 2006
- Summer Research Fellowship, Japan Society for the Promotion of Science — 2005
- Graduate Research Fellowship, National Science Foundation — 2004-2007
- President's Fellowship, Georgia Institute of Technology — 2003-2007
- Dean's Fellowship, Georgia Institute of Technology — 2003-2007
- President's and Dean's Lists, University of Toledo — 1998-2002
- University Trustee Scholarship, University of Toledo — 1998-2002
- Robert Heyn Scholarship, University of Toledo College of Engineering — 1998-2002
- Most Valuable Person, Tau Beta Pi Honor Society – Ohio Zeta Chapter — 2001
- Wemmer Women's Scholarship, University of Toledo — 2000-2001
- Ryder Roundtable Scholarship, Ryder Systems, Inc. — 1998-1999
- Valedictorian, River Valley High School — 1998

AFFILIATIONS AND OTHER APPOINTMENTS

University of Washington

Associate Professor, Human Centered Design & Engineering	2014-Present
Adjunct Associate Professor, The Information School	2014-Present
Adjunct Associate Professor, Computer Science & Engineering	2014-Present
Assistant Professor, Human Centered Design & Engineering	2008-2014
Adjunct Assistant Professor, The Information School	2012-2014
Adjunct Assistant Professor, Computer Science & Engineering	2008-2014
Assistant Professor, The Information School	2008-2012

PUBLICATIONS[1]

Archival Journal Publications (Peer-Reviewed)[2]

[J.8]   *Ko, R.T.,* <u>Kientz, J.A.</u>, *Choe, E.K., Kay, M.,* Landis, C.A., Watson, N.F. (2015) Consumer Sleep Technologies: A Review of the Landscape. *Journal of Clinical Sleep Medicine* (accepted).

[J.7]   Heffner, J.L., Vilardaga, R., Mercer, L.D., <u>Kientz, J.A.</u>, & Bricker, JB. Feature-level analysis of a novel smartphone application for smoking cessation. *American Journal of Drug & Alcohol Abuse*. 41(1), 68-73. (Citation Count: 2)

---

[1] Co-authors who were students at the time of publication are indicated in italics.

[2] The tradition for human-computer interaction is for students authors to be listed first in order of contribution and for senior authors to be listed last in reverse order of contribution, with the last author being the advisor and/or primary investigator.

[J.6]   Bricker, J.B., Mull, K., <u>Kientz, J.A.</u>, Vilardaga, R. M., Mercer, L.D., Akioka, K., & Heffner, J.L. (2014) Randomized, Controlled Pilot Trial of a Smartphone App for Smoking Cessation Using Acceptance and Commitment Therapy. *Drug & Alcohol Dependence.* 143(1), 87-94. (Citation Count: 12)

[J.5]   *Bauer, J.S.*, Newman, M.W., <u>Kientz, J.A.</u> (2014) What Do Designers Talk About When They Talk About Context? *Human-Computer Interaction Special Issue on Design Thinking,* 29(5-6), 420-450. (Citation Count: 1)

[J.4]   <u>Kientz, J.A.</u> (2012). Embedded Capture and Access: Encouraging Recording and Reviewing of Data in the Caregiving Domain. *Personal and Ubiquitous Computing*, 16(2), 209-221. (Citation Count: 11)

[J.3]   Huang, E.M., *Yatani, K.*, Truong, K.N., <u>Kientz, J.A.</u>, & Patel, S.N. (2009). Understanding the Situated Sustainability of Mobile Phones: The Influence of Local Constraints and Practices on Transferability. *Pervasive Computing. Special Issue on Sustainability*. IEEE, 8(1), 46-53. (Citation Count: 9)

[J.2]   <u>Kientz, J.A.</u>, *Hayes, G.R., Westeyn, T.L.*, Starner, T., & Abowd, G.D. (2007). Pervasive Computing and Autism: Assisting Caregivers of Children with Special Needs. *Pervasive Computing, IEEE*, *6*(1), 28-35. (Citation Count: 92)

[J.1]   Abowd, G.D., *Hayes, G.R., Iachello, G.,* <u>Kientz, J.A.</u>, *Patel, S.N., Stevens, M.M., & Truong, K.N.* (2005). Prototypes and Paratypes: Designing Mobile and Ubiquitous Computing Applications. *Pervasive Computing, IEEE*, *4*(4), 67-73. (Citation Count: 55)

Archival Conference Papers (Peer-Reviewed)[3]

[C.41]   *Rector, K., Milne, L.,* Ladner, R., Friedman, B., & <u>Kientz, J.A</u>. Exploring the Opportunities and Challenges with Exercise Technologies for People who are Blind or Low-Vision. To Appear in *the Proceedings of the 2015 ACM SIGACCESS Conference on Computers & Accessibility (ASSETS 2015)*. ACM.

[C.40]   *Rahman, T., Adams, A., Ravichandran, R., Zhang, M.*, Patel, S.N., <u>Kientz, J.A.</u>, & Choudhury, T. (2015) DoppleSleep: A Contactless Unobtrusive Sleep Sensing System Using Short-Range Doppler Radar. To Appear in *the Proceedings of the 2015 ACM Conference on Ubiquitous Computing (UbiComp 2015)*. ACM.

[C.39]   *Choe, E.K.*, Lee, B., *Kay, M.*, Pratt, W., & <u>Kientz, J.A.</u> (2015) SleepTight: Low-burden, Self-monitoring Technology for Capturing and Reflecting on Sleep Behaviors. To Appear in *the Proceedings of the 2015 ACM Conference on Ubiquitous Computing (UbiComp 2015)*. ACM.

[C.38]   *Hiniker, A., Sobel, K., Hong, S.R., Suh, H., Irish, I.,* Kim, D., & <u>Kientz, J.A.</u> (2015) Touchscreen Prompts for Preschoolers: Designing Developmentally Appropriate Techniques for Teaching Young Children to Perform Gestures. In *the 2015 Proceedings of Interaction Design & Children (IDC 2015)*. (pp. 109-118) ACM.

[C.37]   *Sobel, K., O'Leary, K.,* & <u>Kientz. J.A.</u> (2015) Maximizing Children's Opportunities with Inclusive Play: Considerations for Interactive Technology Design. In *the 2015 Proceedings of Interaction Design & Children (IDC 2015)*. (pp. 39-48) ACM.

---

[3] In the fields of human-computer interaction and computer science, conferences are seen as the top tier publishing venues, with selectivity and impact often exceeding that of journals. For more information on conference selectivity in this field, see http://portal.acm.org/citation.cfm?id=1743546.1743569.

[C.36]   *Hiniker, A., Sobel, K., Suh, H., Chen, Y.-C.*, Lee, C.P., & <u>Kientz, J.A</u>. (2015) Texting while Parenting: How Adults Use Mobile Phones while Caring for Children at the Playground. In the *Proceedings of the 2015 ACM Annual Conference on Human Factors in Computing Systems*. (pp. 727-736). ACM. (Acceptance Rate: 23%)

[C.35]   *Kay, M.,* Patel, S.N., & <u>Kientz, J.A</u>. (2015). How Good is 85%? A Survey Tool to Connect Classifier Evaluation to Acceptability of Accuracy. In the *Proceedings of the 2015 ACM Annual Conference on Human Factors in Computing Systems*. (pp. 347-356). ACM. (Acceptance Rate: 23%)

[C.34]   *Choe, E.K., Lee, N.B.*, Lee, B., Pratt, W., & <u>Kientz, J.A.</u> (2014). Understanding Quantified-Selfers' Practices in Collecting and Exploring Personal Data. *In the Proceedings of the 2014 ACM Annual Conference on Human Factors in Computing Systems*. (pp. 1143-1152). ACM. (Acceptance Rate: 22.8%, Citation Count: 46). **(Best Paper Honorable Mention)**

[C.33]   *Suh, H., Porter, J.R., Hiniker, A.,* and <u>Kientz, J.A.</u> (2014). @BabySteps: Design and Evaluation of a System for using Twitter for Tracking Children's Developmental Milestones. *In the Proceedings of the 2014 ACM Annual Conference on Human Factors in Computing Systems*. (pp. 2279-2288). ACM. (Acceptance Rate: 22.8%, Citation Count: 1)

[C.32]   *Bauer, J.S.*, Newman, M.W., & <u>Kientz, J.A.</u> (2014). Thinking About Context: Design Practices for Information Architecture with Context-Aware Systems. *In the Proceedings of the iConference '14.* (pp. 398 - 411) (Citation Count: 1)

[C.31]   *Choe, E.K.*, Lee, B., Munson, S., Pratt, W., & <u>Kientz, J.A.</u> (2013). Persuasive Performance Feedback: The Effect of Framing on Self-Efficacy. *In the Proceedings of AMIA '13*. Washington, D.C. (pp. 825-833). American Medical Informatics Association. **(Nominated for Best Student Paper).** (Citation Count: 6)

[C.30]   *Rector, K., Bennett, C., &* <u>Kientz, J.A.</u> (2013). Eyes-Free Yoga: An Exergame Using Depth Cameras for Blind & Low Vision Exercise. *In the Proceedings of ASSETS '13.* (pp. 1-10). ACM. (Acceptance Rate: 29%, Citation Count: 18)

[C.29]   *Porter, J. &* <u>Kientz, J.A.</u> (2013). An Empirical Study of Issues and Barriers to Mainstream Video Game Accessibility. *In the Proceedings of ASSETS '13*. (pp. 1-10) ACM. (Acceptance Rate: 29%, Citation Count: 1)

[C.28]   *Kay, M.,* Morris, D., schraefel, m.c., & <u>Kientz, J.A.</u> (2013). There's No Such Thing as Gaining a Pound: Reconsidering the Bathroom Scale User Interface. In the *Proceedings of UbiComp '13*. (pp. 401-410). ACM. **(Awarded Best Paper)** (Citation Count: 1)

[C.27]   *Kay, M., Rector, K.,* Consolvo, S., Greenstein, B., Wobbrock, J.O., Watson, N.F., & <u>Kientz, J.A</u>. (2013). PVT-Touch: Adapting a Reaction Time Test for Touchscreen Devices. In the *Proceedings of Pervasive Health '13* (pp. 248-251). IEEE. (Citation Count: 3)

[C.26]   *Bauer, J.S.*, & <u>Kientz, J.A.</u> (2013). DesignLibs: A Scenario-Based Design Method for Ideation. In the *Proceedings of the 2013 ACM Annual Conference on Human Factors in Computing Systems* (pp. 1955-1958). ACM. (Acceptance Rate: 20%, Citation Count: 2)

[C.25]   *Kay, M., Choe, E.K., Shepherd, J.,* Greenstein, B., Watson, N.F., Consolvo, S., & <u>Kientz, J.A.</u> (2012). Lullaby: A Capture & Access System for Understanding the Sleep Environment. In *Proceedings of the 2012 ACM Conference on Ubiquitous Computing* (pp. 226-234). ACM. (Acceptance Rate: 19.3%, Citation Count: 38) **(Awarded Best Paper)**

[C.24]   *Choe, E.K.*, Consolvo, S., Jung, J., Harrison, B., *Patel, S.N.*, & <u>Kientz, J.A.</u> (2012). Investigating Receptiveness to Sensing and Inference in the Home Using Sensor Proxies. In *Proceedings of the 2012 ACM Conference on Ubiquitous Computing* (pp. 61-70). ACM. (Acceptance Rate: 19.3%, Citation Count: 9) **(Nominated for Best Paper)**

[C.23]   *Bauer, J.,* Consolvo, S., Greenstein, B., *Schooler, J., Wu, E.,* Watson, N.F., & <u>Kientz, J.A.</u> (2012). ShutEye: Encouraging Awareness of Healthy Sleep Recommendations with a Mobile, Peripheral Display. In *Proceedings of the 2012 ACM Annual Conference on Human Factors in Computing Systems* (pp. 1401-1410). ACM. (Acceptance Rate: 25%, Citation Count: 34).

[C.22]   *Choe, E.K.*, Consolvo, S., Jung, J., Harrison, B., & <u>Kientz, J.A.</u> (2011). Living in a Glass House: A Survey of Private Moments in the Home. In *Proceedings of the 13th International Conference on Ubiquitous Computing* (pp. 41-44). ACM. (Acceptance Rate: 17%, Citation Count: 31).

[C.21]   *Choe, E.K.,* Consolvo, S., Watson, N.F., & <u>Kientz, J.A.</u> (2011). Opportunities for Computing Technologies to Support Healthy Sleep Behaviors. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (pp. 3053-3062). ACM. (Acceptance Rate: 26%, Citation Count: 31)

[C.20]   <u>Kientz, J.A.</u> (2010). Understanding Parent-Pediatrician Interactions for the Design of Health Technologies. In *Proceedings of the 1st ACM International Health Informatics Symposium* (pp. 230-239). ACM. (Oral Presentation Acceptance Rate: 17%, Citation Count: 3)

[C.19]   <u>Kientz, J.A.</u>, *Choe, E.K., Birch, B., Maharaj, R., Fonville, A., Glasson, C.,* & *Mundt, J.* (2010). Heuristic Evaluation of Persuasive Health Technologies. In the *Proceedings of the 1st ACM International Health Informatics Symposium* (pp. 555-564). ACM. (Citation Count: 16)

[C.18]   Landry, B.M., *Choe, E.K.,* McCutcheon, S., & <u>Kientz, J.A.</u> (2010). Post-Traumatic Stress Disorder: Opportunities & Challenges for Computing Technology. In the *Proceedings of the 1st ACM International Health Informatics Symposium* (pp. 780-789). ACM. (Citation Count: 3)

[C.17]   *Fonville, A., Choe, E.K., Oldham, S.,* & <u>Kientz, J.A.</u> (2010). Exploring the Use of Technology in Healthcare Spaces and its Impact on Empathic Communication. In *Proceedings of the 1st ACM International Health Informatics Symposium* (pp. 497-501). ACM. (Citation Count: 6)

[C.16]   Truong, K.N., <u>Kientz, J.A.</u>, Sohn, T., *Rosenzweig, A., Fonville, A., & Smith, T.* (2010). The Design and Evaluation of a Task-Centered Battery Interface. In *Proceedings of the 12th ACM International Conference on Ubiquitous Computing* (pp. 341-350). ACM. (Acceptance Rate: 19.5%, Citation Count: 20)

[C.15]   *Choe, E.K., Duarte,* M.E., & <u>Kientz, J.A.</u> (2010). Understanding and Designing Computing Technologies that Convey Concerning Health News. In *International Conference on Design & Emotion*. Chicago, Illinois.

[C.14]   *Halko, S.*, & <u>Kientz, J.A.</u> (2010). Personality and Persuasive Technology: An Exploratory Study on Health-Promoting Mobile Applications. In *Persuasive Technology* (pp. 150-161). Springer Berlin Heidelberg. (Citation Count: 37) **(Awarded Best Student Paper)**

[C.13]   Patel, S.N., <u>Kientz, J.A.</u>, & *Gupta, S.* (2010). Studying the Use and Utility of an Indoor Location Tracking System for Non-Experts. In *Pervasive Computing* (pp. 228-245). Springer Berlin Heidelberg. (Acceptance Rate: 16.5%, Citation Count: 9)

[C.12]   Kientz, J.A., & Abowd, G.D. (2009). KidCam: Toward an Effective Technology for the Capture of Children's Moments of Interest. In *Pervasive Computing* (pp. 115-132). Springer Berlin Heidelberg. (Acceptance Rate: 18%, Citation Count: 16)

[C.11]   Kientz, J.A., Arriaga, R.I., & Abowd, G.D. (2009). Baby Steps: Evaluation of a System to Support Record-Keeping for Parents of Young Children. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (pp. 1713-1722). ACM. (Acceptance Rate: 25%, Citation Count: 43)

[C.10]   *Kim, S.,* Kientz, J.A., *Patel, S.N.,* & Abowd, G.D. (2008). Are You Sleeping?: Sharing Portrayed Sleeping Status Within a Social Network. In *Proceedings of the 2008 ACM Conference on Computer Supported Cooperative Work* (pp. 619-628). ACM. (Acceptance Rate: 23%, Citation Count: 33)

[C.9]   *Patel, S.N.,* Robertson, T., Kientz, J.A., Reynolds, M.S., & Abowd, G.D. (2007). At the Flick of a Switch: Detecting and Classifying Unique Electrical Events on the Residential Power Line. In *UbiComp 2007: Ubiquitous Computing* (pp. 271-288). Springer Berlin Heidelberg. (Acceptance Rate: 19%, Citation Count: 295) **(Awarded Best Paper)**

[C.8]   Kientz, J.A., Arriaga, R.I., *Chetty, M., Hayes, G.R., Richardson, J., Patel, S.N.,* & Abowd, G.D. (2007). Grow and Know: Understanding Record-Keeping Needs for Tracking the Development of Young Children. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (pp. 1351-1360). ACM. (Acceptance Rate: 25%, Citation Count: 51)

[C.7]   Kientz, J.A., *Hayes, G.R.,* Abowd, G.D., & Grinter, R.E. (2006). From the War Room to the Living Room: Decision Support for Home-Based Therapy Teams. In *Proceedings of the 2006 Conference on Computer Supported Cooperative Work* (pp. 209-218). ACM. (Acceptance Rate: 22%, Citation Count: 36) **(Best Paper Honorable Mention, Nomination Rate: 5%)**

[C.6]   Kientz, J.A., *Patel, S.N., Tyebkhan, A.Z., Gane, B., Wiley, J.,* & Abowd, G.D. (2006). Where's My Stuff?: Design and Evaluation of a Mobile System for Locating Lost Items for the Visually Impaired. In *Proceedings of the 8th International ACM SIGACCESS Conference on Computers and Accessibility* (pp. 103-110). ACM. (Citation Count: 22)

[C.5]   *Patel, S.N.,* Kientz, J.A., *Hayes, G.R., Bhat, S.,* & Abowd, G.D. (2006). Farther Than You May Think: An Empirical Investigation of the Proximity of Users to their Mobile Phones. In *UbiComp 2006: Ubiquitous Computing* (pp. 123-140). Springer Berlin Heidelberg. (Acceptance Rate: 13%, Citation Count: 112)

[C.4]   Kientz, J.A., *Boring, S.,* Abowd, G.D., & *Hayes, G.R.* (2005). Abaris: Evaluating Automated Capture Applied to Structured Autism Interventions. In *UbiComp 2005: Ubiquitous Computing* (pp. 323-339). Springer Berlin Heidelberg. (Acceptance Rate: 9%, Citation Count: 40)

[C.3]   *Hayes, G.R.,* Kientz, J.A., *Truong, K.N., White, D.R.,* Abowd, G.D., & Pering, T. (2004). Designing Capture Applications to Support the Education of Children with Autism. In *UbiComp 2004: Ubiquitous Computing* (pp. 161-178). Springer Berlin Heidelberg. (Acceptance Rate: 18%, Citation Count: 78)

[C.2]   *Hayes, G.R., Patel, S.N., Truong, K.N., Iachello, G.,* Kientz, J.A., *Farmer, R.,* & Abowd, G. D. (2004). The Personal Audio Loop: Designing a Ubiquitous Audio-Based Memory Aid. In *Mobile Human-Computer Interaction-MobileHCI 2004* (pp. 168-179). Springer Berlin Heidelberg. (Citation Count: 60)

[C.1]   Mankoff, J., Dey, A. K., *Hsieh, G.*, <u>Kientz, J.A.</u>, *Lederer, S.*, & *Ames, M.* (2003). Heuristic evaluation of ambient displays. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (pp. 169-176). ACM. (Acceptance Rate: 16%, Citation Count: 436)

Complete Books

[B.1]   <u>Kientz, J.A.</u>, Goodwin, M., Hayes, G.R., & Abowd, G.D. (2013). *Interactive Technologies for Autism*. Synthesis Lectures on Assistive, Rehabilitative, and Health-preserving Technologies. Morgan & Claypool. (Citation Count: 11)

Parts of Books (Peer-Reviewed)

[BC.3] Abowd, G.D., <u>Kientz, J.A.</u>, Hayes, G.R., Arriaga, R.I., and *Nazneen*. (2013). Tools to Support Simplified Capture of Activities in Natural Environments. In *21st Century Tools for Students With Autism and Related Disorders*. Brooks Publishing.

[BC.2] Mynatt, E.D., Abowd, G.D., Mamykina, L., & <u>Kientz, J.A.</u> (2010). Understanding the Potential of Ubiquitous Computing for Chronic Disease Management. In *Health Informatics: A Patient-Centered Approach to Diabetes*. MIT Press. (Citation Count: 2)

[BC.1] *Patel, S.N., Truong, K.N., Hayes, G.R., Iachello, G.*, <u>Kientz, J.A.</u>, & G.D. Abowd. (2008). Designing a Ubiquitous Audio-Based Memory Aid. In the *Handbook of Research on User Interface Design and Evaluation for Mobile Technology*. Lumsden, J. (Editor). (Citation Count: 3)

Patents

[P.1]   <u>Kientz, J.A.</u>, *Boring, S.*, & Abowd, G.D. (2012). *Method and Computer Program Product for Obtaining and Processing Data Collected from Various Media*. Patent filed August 31, 2007, Issued September 25, 2012. Patent #8275243.

Invited Papers

[I.2]   *Bauer, J.S.* & <u>Kientz, J.A.</u> (2013). Mad Libs for Designers: Using Spontaneously Generated Scenarios to Inspire Design. *UX Magazine*.

[I.1]   Wobbrock, J.O., Ko, A.J., & <u>Kientz, J.A.</u> (2009). Reflections on the Future of iSchools from Inspired Junior Faculty. *interactions*, *16*(5), 69-71. (Citation Count: 3)

Conference Non-Archival Papers (Lightly Reviewed)

[c.40] Fogarty, J.A., <u>Kientz, J.A.</u>, Munson, S.A., Vilardaga, R., & Zia, J. (2015) Personal Experimentation for Gastrointestinal Health Triggers. *Workshop Paper at Workshop on Small Data Experimentation (sdX): Opportunities, Challenges, and Infrastructure*. New York, NY.

[c.39] Hiniker, A. & <u>Kientz, J.A.</u> (2015) First Do No Harm: Technology-Induced Risks to Wellbeing. *Workshop Paper at Developing Skills for Wellbeing at CHI 2015*. Seoul, Korea.

[c.38] Sobel, K. & <u>Kientz, J.A.</u> (2015) Supporting Children with Inclusive Play. *Workshop Paper at Supporting Children to Engage in Play for Wellbeing at CHI 2015*. Seoul, Korea.

[c.37] Landis, C.A., Choe, E.K., <u>Kientz, J.A.</u>, Thomas, K.A., Kieckfeher, G.M., Heitkemper, M.M., Vitiello, M.V. (2015) Pilot Testing a Smartphone Sleep Diary Application. *Abstract accepted to SLEEP 2015 for poster presentation*, June 2015.

7

[c.36]   Landis, C.A., Choe, E.K., <u>Kientz, J.A.</u>, Thomas, K.A., Kieckfeher, G.M., Heitkemper, M.M., Vitiello, M.V. (2015) Pilot Testing a Smartphone Sleep Diary Application. *Abstract accepted to Western Institute of Nursing Annual Research Conference for poster presentation*, April 2015.

[c.35]   *Sobel, K.* & <u>Kientz, J.A.</u> (2014). Supporting Young Children with Inclusive Play: (How) Do Interactive Technologies Fit In?. *Workshop Paper at Interaction Design with Children with Disabilities at IDC 2014*. Aarhus, Denmark.

[c.34]   *Choe, E.K.,* Lee, B., & Kientz, J.A. (2014) Personal Visual Analytics for Self-monitoring. Workshop Paper at *Personal Perspective on Visualization and Visual Analytics at DIS 2014*. Vancouver, British Columbia, Canada.

[c.33]   *Hiniker, A.* & <u>Kientz, J.A.</u> (2014). Workshopping Expressive Language Games for Children with Autism. Workshop Paper at *Supporting Children with Complex Communication Needs at CHI 2014*. Toronto, Ontario, Canada.

[c.32]   *Sobel, K.* & <u>Kientz, J.A.</u> (2014). Interactive Technology for Inclusive Play. Workshop Paper at *Supporting Children with Complex Communication Needs at CHI 2014.* Toronto, Ontario, Canada.

[c.31]   *Matthews, M., Carroll, E., Abdullah, S., Snyder, J., Kay, M.,* Choudhury, T., Gay, G., & <u>Kientz, J.A.</u> (2014). Biological Rhythms & Technology. *Workshop Organized at CHI 2014*. Toronto, Ontario, Canada.

[c.30]   Bricker, J., <u>Kientz, J.A.</u>, & Akioka, K. (2013). Developing an ACT Smartphone Intervention with Potential High Impact. *Presented at the 11th Annual World Conference of the Association for Contextual and Behavioral Sciences (ACBS)*. Sydney, Australia.

[c.29]   *Rector, K.* & <u>Kientz, J.A.</u> (2013). Accessible mHealth: Opportunities and Challenges for Mobile Devices to Support the Health of People who are Blind or Low Vision. *Presented at CHI 2013 Workshop on Mobile Accessibility*. Paris, France.

[c.28]   *Kay, M.*, Grandner, M.K., *Bauer, J.S.,* Lang, R.A., Watson, N.F., & <u>Kientz, J.A</u>. (2013). Initial Validation of an Android-Based Psychomotor Vigilance Task. *Oral Presentation at SLEEP 2013*. Baltimore, Maryland.

[c.27]   *Laurenzi, A., Brownstein, M.*, Turner, A. M., Kirchhoff, K., & <u>Kientz, J. A.</u> (2013). A Web-based Collaborative Translation Management System for Public Health Workers. In *CHI'13 Extended Abstracts on Human Factors in Computing Systems* (pp. 511-516). ACM.

[c.26]   *Gilbert, M., Choe, E.K., Lee*, M., & <u>Kientz, J.A.</u> (2012). Firefly: Designing a Game for Promoting Relaxation Before Sleep. Poster *Presented at Workshop on Interactive Systems for Healthcare 2012*. Washington, D.C., USA.

[c.25]   *Kay, M., Choe, E.K., Shepherd, J.*, Greenstein, B., Consolvo, S., & <u>Kientz, J.A</u>. (2012). Lullaby: Capturing the Unconscious in the Sleep Environment. *Presented at Workshop on Personal Health Informatics at CHI 2012.* Austin, Texas.

[c.24]   Mentis, H. M., Thimbleby, H., <u>Kientz, J.A.</u>, Hayes, G. R., & Reddy, M. (2011). Interactive Technologies for Health Special Interest Group. In *Proceedings of the 2011 Annual Conference Extended Abstracts on Human Factors in Computing Systems* (pp. 519-522). ACM. (Citation Count: 2)

[c.23]   *Kay, M., Choe, E.K., Shepherd, J.,* Greenstein, B., Consolvo, S., *Kelley*, *P.G.*, & <u>Kientz, J.A.</u> (2011). Lullaby: Environmental Sensing For Sleep Self-Improvement. *Presented at Workshop on Personal Health Informatics at CHI 2011.* Vancouver, Canada.

[c.22]   Landry, B.M., <u>Kientz, J.A.,</u> & *Choe, E.K.* (2010). Post Traumatic Stress Disorder: Issues

and Opportunities. *Poster Presented at Workshop on Interactive Systems in Healthcare (WISH) at CHI 2010*. Atlanta, Georgia, USA.

[c.21] *Choe, E.K., Duarte, M.*, & Kientz, J.A. (2010). Empathy in Health Technologies. *Poster Presented at Workshop on Interactive Systems in Healthcare (WISH) at CHI 2010*. Atlanta, Georgia, USA.

[c.20] *Choe, E.K.*, Kientz, J.A., *Halko, S., Fonville, A., Sakaguchi, D.*, & Watson, N.F. (2010). Opportunities for Computing to Support Healthy Sleep Behavior. In *CHI'10 Extended Abstracts on Human Factors in Computing Systems* (pp. 3661-3666). ACM. (Citation Count: 3)

[c.19] Caine, K., Connelly, K., Hayes, B., Kientz, J.A. (2010). The Role of iSchools in Shaping the Future of Health Informatics. *Roundtable Discussion at 2010 iConference*. Urbana-Champaign, Illinois.

[c.18] Kientz, J.A. & Walker, W.O. (2009). Baby Steps: Mobile Technology to Track Young Children's Development. *Poster Presented at the mHealth Summit*. Washington, D.C., USA.

[c.17] Kientz, J.A., Arriaga, R.I., & Abowd, G.D. (2009). Baby Steps: Evaluation of a Computing System to Support Parent Reporting of Early Childhood Development. *Poster presented at the International Meeting for Autism Research (IMFAR)* Chicago, Illinois, USA.

[c.16] *Westeyn, T.L.*, Kientz, J.A., Starner, T.E., & Abowd, G.D. (2008). Designing Toys with Automatic Play Characterization for Supporting the Assessment of a Child's Development. In *Proceedings of the 7th International Conference on Interaction Design and Children* (pp. 89-92). ACM. (Citation Count: 14)

[c.15] Kientz, J.A., & Abowd, G.D. (2008). When the Designer Becomes the User: Designing a System for Therapists by Becoming a Therapist. In *CHI'08 Extended Abstracts on Human Factors in Computing Systems* (pp. 2071-2078). ACM. (Citation Count: 8)

[c.14] Kientz, J.A., *Patel, S.N.*, Jones, B., Price, E.D., Mynatt, E.D., & Abowd, G.D. (2008). The Georgia Tech Aware Home. In *CHI'08 Extended Abstracts on Human Factors in Computing Systems* (pp. 3675-3680). ACM. (Citation Count: 91)

[c.13] Kientz, J.A., *Hayes, G.R.*, Arriaga, R.I., & Abowd, G.D. (2008). Designing and Developing Technology for Caregivers of Individuals with Autism. *Presented the Technology and Mental Health Workshop at CHI 2008*. Florence, Italy.

[c.12] Kientz, J.A., *Patel, S.N.*, Jones, B., Price, E., Mynatt, E.D., & Abowd, G.D. (2007). 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. 276-286.

[c.11] *Patel, S.N.,* Kientz, J.A., Jones, B., Price, E., Mynatt, E.D., & Abowd, G.D. (2007). 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. 169-181.

[c.10] Kientz, J.A. (2007). Supporting Data-Based Decision-Making for Caregivers through Embedded Capture and Access. *Grace Hopper PhD Panel. Presented at the Grace Hopper Celebration of Women in Computing*, Orlando, Florida.

[c.9] Kientz, J.A. (2007). Supporting Data-Based Decision-Making for Caregivers through Embedded Capture and Access. *Ubicomp Doctoral Consortium. In the Extended Abstracts of The 9th International Conference on Ubiquitous Computing*. Innsbruck,

Austria.

[c.8]   <u>Kientz, J.A.</u> & Abowd, G.D. (2007). Abaris: Computing Technology to Support Collaboration and Decision-Making for Discrete Trial Training. *Poster Presented at the International Meeting for Autism Research (IMFAR)* Seattle, Washington, USA.

[c.7]   <u>Kientz, J.A.</u> (2007). Supporting Data-Based Decision-Making for Caregivers through Embedded Capture and Access. *Boaster Presented at The 2007 Human Computer Interaction Consortium*. Fraser, Colorado, USA.

[c.6]   <u>Kientz, J.A.</u> & Abowd, G.D. (2007). Abaris: Technology to Support Collaboration and Decision Making for Discrete Trial Training. *Poster Presented at Progress and Challenges in the Behavioral Treatment of Autism Conference*. Boston, Massachusetts.

[c.5]   <u>Kientz, J.A.</u> & Abowd, G.D. (2006). Designing Technology to Aid in the Early Detection of Developmental Delay in Children. *Presented at UbiHealth 2006: The 4th International Workshop on Ubiquitous Computing for Pervasive Healthcare Applications and Ubicomp*.

[c.4]   *Hayes, G.R.,* Heflin, J., Abowd, G.D., *Gardere, L.M., Matthews*, *E.* <u>Kientz, J.A.</u>, Oberleitner, R., & Pering, T. (2006). Evaluating a Selectively Archived Video Recording System for Functional Behavior Assessment in Schools. *Poster Presented at the International Meeting for Autism Research (IMFAR)*. Montreal, Quebec, Canada.

[c.3]   <u>Kientz, J.A</u>. & Abowd, G.D. (2006). Collective Remembering in Evidence-Based Care. *Workshop on Collective Remembering at CHI 2006*. Montreal, Canada.

[c.2]   Abowd, G.D., *Hayes*, *G.R.*, <u>Kientz, J.A.</u>, *Mamykina*, *L.*, & E.D. Mynatt. (2006). Challenges and Opportunities for Collaboration Technologies for Chronic Care Management, Presented at *The Human-Computer Interaction Consortium (HCIC 2006)*. Fraser, Colorado, USA. (Citation Count: 11)

[c.1]   *Boring, S.*, <u>Kientz, J.A.</u>, Abowd, G.D., & *Hayes, G.R*. (2005). Abaris: Capture and Access for Structured One-on-One Educational Settings. In *Extended Abstracts of Ubicomp 2005: The 7th International Conference on Ubiquitous Computing*. September 11-14, Tokyo, Japan.

Technical Reports

[TR.3]   <u>Kientz, J.A.</u>, *Choe, E.K.,* & Truong, K.N. (2013). Texting from the Toilet: Mobile Computing Use and Acceptance in Private and Public Restrooms. *Knowledge Media Design Institute, University of Toronto. Technical Report KMD-13-1*.

[TR.2]   *Patel, S. N.,* <u>Kientz</u>, J.A., & *Zagal, J.P*. (2004). LoCoL: Encouraging Social Interaction and Exploration Through a Distributed, Multi-Media, Location-Based Mobile Game. GVU Tech Report. GIT-GVU-04-17.

[TR.1]   <u>Kientz, J.A.</u>, Dey, A.K., & *Lederer, S*. (2002). 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.12]   *Eyes Free Kinect Yoga.* Software detecting and providing feedback on yoga positions for individuals with vision impairments. Designers: *Kyle Rector*, *Cynthia Bennett*, <u>Julie Kientz</u>.

[SW.11]   *Baby Steps Twitter & Baby Steps SMS.* Software for allowing prompting and response

tracking through Twitter and SMS for parents of young children. Designers: <u>Julie Kientz</u>, *John Porter, Hyewon Suh, Heidi Conner, Yuna Shim*.

[SW.10]   *SleepTight.* An android-based application for self-monitoring of sleep behaviors. Designers: *Eun Kyoung Choe*, Carol Landis, <u>Julie Kientz</u>.

[SW.9]   *Baby Steps Web*. A new web portal for tracking developmental progress and sentimental records in young children. Designers: *Alexis Hiniker, Hyewon Suh, John Porter, Robert Racadio, Daniel Cortez, Mira Shah, Yi-Chen Sung, Justin Hamacher*, <u>Julie Kientz</u>.

[SW.8]   *PVT-Touch*. An Android-based reaction time test for sensing sleepiness in situ. Designers: *Matthew Kay, Kyle Rector*, Benjamin Greenstein, Sunny Consolvo, *Jared Bauer*, Nathaniel Watson, <u>Julie Kientz</u>. Available for Download at http://dub.washington.edu/projects/pvttouch

[SW.7]   *Lullaby*. An Android and PC-based sensing application that combines environmental sensing with feedback on the sleep environment. Designers: *Matthew Kay, Eun Kyoung Choe, Jesse Shepherd*, Benjamin Greenstein, Sunny Consolvo, *Jared Bauer*, Nathaniel Watson, <u>Julie Kientz</u>.

[SW.6]   *ShutEye*. An Android-based smartphone application for promoting education and mindfulness about time-based sleep hygiene recommendations. Designers: *Jared Bauer*, Sunny Consolvo, Benjamin Greenstein, *Jonathan Schooler, Eric Wu*, Nathaniel Watson, <u>Julie Kientz</u>. Released on Android Marketplace, 2011.

[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: <u>Julie Kientz</u>, *Tracy Westeyn, Stefan Puchner*, 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: <u>Julie Kientz</u>, *Arwa Tyebkhan*, 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: <u>Julie Kientz</u>, *Shwetak Patel, Arwa Tyebkhan, Brian Gane, Jennifer Wiley*, Gregory Abowd.

[SW.2]   *Abaris & Abaris 2.0*. Application to support therapists conducting discrete trial training with children with special needs. Designers: <u>Julie Kientz</u>, *Sebastian Boring*, Gregory Abowd. Provisional patent filed, 2006. Utility patent issued, 2012.

[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*, <u>Julie Kientz</u>, *Giovanni Iachello, Rob Farmer*, Gregory Abowd. Provisional patent filed, 2004.

Media

[M.38]   Pai, A. "Calit2 awards $200,000 to five data sharing projects." MobiHealthNews. Covered Health Data Explorations grant. February 19, 2015. http://mobihealthnews.com/40668/calit2-awards-200000-to-five-data-sharing-projects/

[M.37]   Murphy, T. "UW 360: Julie Kientz Innovator Under 35." (Covered Innovator Under 35 Award). November 21, 2013. http://www.youtube.com/watch?v=vsvPPpugy28

[M.36]   KOMO-TV News. Local television segment on Eyes Free Yoga project. October 19, 2013.

[M.35]   Azhar, N. "UW study develops yoga program for the visually impaired." (Covered Eyes Free Yoga project from C.30). The Daily. November 13, 2013. http://dailyuw.com/archive/2013/11/13/science/uw-study-develops-yoga-program-visually-impaired#.Up1-B2RDtCO

[M.34]   Gonzalez, L. "Kinect System Doubles as a Yoga Teacher for the Blind." (Covered Eyes Free Yoga project from C.30). PSFK. October 21, 2013. http://www.psfk.com/2013/10/kinect-blind-yoga-instructor.html

[M.33]   Bird, S. "Learning Yoga Just Became Easier for the Blind, Thanks to a Video Game" (Covered Eyes Free Yoga project from C.30). Care2. October 21, 2013. http://www.care2.com/causes/learning-yoga-just-became-easier-for-the-blind-thanks-to-a-video-game.html#ixzz2mOLEIeqL

[M.32]   Katz, L. "Eyes-Free Yoga' turns Kinect into teacher for the blind." (Covered Eyes Free Yoga project from C.30). CNET News. October 19, 2013. http://news.cnet.com/8301-17938_105-57608274-1/eyes-free-yoga-turns-kinect-into-teacher-for-the-blind/

[M.31]   Ani News. "Now, software that helps blind do yoga" (Covered Eyes Free Yoga project from C.30). October 18, 2013. http://www.aninews.in/newsdetail7/story136260/now-software-that-helps-blind-do-yoga.html

[M.30]   Quick, D. "Researchers turn Kinect into a yoga instructor for the visually impaired" (Covered Eyes Free Yoga project from C.30). Gizmag. October 17, 2013. http://www.gizmag.com/eyes-free-yoga-kinect-visually-impaired/29450/

[M.29]   Science 2.0. "Eyes-Free Yoga: Yoga Instruction For The Blind Using Microsoft Kinect" (Covered Eyes Free Yoga project from C.30). http://www.science20.com/news_articles/eyesfree_yoga_yoga_instruction_blind_using_microsoft_kinect-122571

[M.28]   Ma, M. "Yoga accessible for the blind with new Microsoft Kinect-based program." (Covered Eyes Free Yoga project from C.30). University of Washington. October 17, 2013. http://www.washington.edu/news/2013/10/17/yoga-accessible-for-the-blind-with-new-microsoft-kinect-based-program/

[M.27]   Soper, T. "No eyes Namaste: Microsoft Kinect helping the blind do yoga." (Covered Eyes Free Yoga project from C.30). October 17, 2013. http://www.geekwire.com/2013/yoga-microsoft-kinect-blind/

[M.26]   Parkhurst, E. "UW prof Julie Kientz on women in tech, human-centered design and commercialization." (Covered overall research) Puget Sound Business Journal. October 4, 2013. http://www.bizjournals.com/seattle/blog/techflash/2013/10/uw-prof-julie-kientz-on-women-in-tech.html

[M.25]   Kim, J. "Professor recognized as one of world's top innovators under 35." (Covered Innovator Under 35 award). The Daily. October 2, 2013. http://dailyuw.com/archive/2013/10/02/news/professor-recognized-one-worlds-top-innovators-under-35#.Uk0g72RgYQt

[M.24]   Mackenzie, D. "A Warrior for the Blind." (Covered Eyes-Free Yoga project from C.30). September 17, 2013. http://www.scilogs.com/hlf/a-warrior-for-the-blind/

[M.23]   Hoang, A. "STEMinist Profile: Julie Kientz, Assistant Professor – Univ. of Washington" (Covered overall research) September 10, 2013. http://steminist.com/julie-kientz-assistant-professor-university-washington/

[M.22]   Soper, T. "Geek of the Week: Julie Kientz, UW researcher and one of the world's top innovators under 35." (Covered Innovator Under 35 Award). August 24, 2013. http://www.geekwire.com/2013/meet-julie-kientz-uw-researcher-worlds-top-innovators-

35/

[M.21]   Romano, B. "Roundup: Funding for Gratafy; Inside Social; Sinofsky to a16z; UW Prof. on MIT TR35" (Covered Innovator Under 35 Award). August 22, 2013. http://www.xconomy.com/seattle/2013/08/22/roundup-funding-for-gratafy-inside-social-sinofsky-to-a16z-uw-prof-on-mit-tr35/

[M.20]   Terrazas, M. "Georgia Tech Alumni Earn Spots on MIT Technology Review Innovators List" (Covered Innovator Under 35 Award) August 21, 2013. http://www.cc.gatech.edu/news/georgia-tech-alumni-earn-spots-mit-technology-review-innovators-list

[M.19]   Ma, M. "Julie Kientz named one of world's top innovators under 35." (covered Innovator Under 35 Award). August 21, 2013. http://www.washington.edu/news/2013/08/21/julie-kientz-wins-technology-reviews-tr35-award/

[M.18]   Dudley, B. "UW prof named top young innovator." (covered Innovator Under 35 Award). August 21, 2013. http://blogs.seattletimes.com/brierdudley/2013/08/21/uw-prof-named-top-young-innovator/

[M.17]   Mintz, J. "If you want to use technology to make life better for people with autism and their families, the trick is to make the technology secondary." (covered Baby Steps, Abaris, and Lullaby research). MIT Technology Review. September 20, 2013. http://www.technologyreview.com/lists/innovators-under-35/2013/visionary/julie-kientz/

[M.16]   Guzman, M. "New tech tools aim to bring health care home." (Covered my research in general, specifically mentions Baby Steps from C.11 and Lullaby from C.25). Seattle Times. January 20, 2013. http://blogs.seattletimes.com/monica-guzman/2013/01/19/new-tech-tools-aim-to-bring-health-care-home/

[M.15]   Furlow, B. "mHealth apps may make chronic disease management easier." (Quoted on future of mobile health applications). Clinical Advisor. November 2, 2012. http://www.clinicaladvisor.com/mhealth-apps-may-make-chronic-disease-management-easier/article/266782/

[M.14]   KIRO FM News. "The Lullaby could help you get a better night's sleep some day." (covered ShutEye from C.23) September 11, 2012. http://mynorthwest.com/?nid=577&a=9946148&p=1011

[M.13]   UWTV. "iOn the Future" (covered of ShutEye from C.23). September 10, 2012. http://www.uwtv.org/video/player.aspx?mediaid=30760650

[M.12]   Mashable. "Device Uncovers the Secret Things You Do in Your Sleep." (Covered Lullaby from C.25) September 10, 2012. http://mashable.com/2012/09/10/lullaby-sleep-lab/

[M.11]   Diep, F. "Lullaby Puts a Sleep Lab in Your Bedroom." (Covered Lullaby from C. 25) Innovation News Daily. September 7, 2012. http://www.innovationnewsdaily.com/1597-lullaby-puts-a-sleep-lab-in-your-bedroom.html

[M.10]   Kelley, P. "Making it mobile: Smartphone apps abound at iSchool." (Covered ShutEye from C.23) and University of Washington News and Information. June 20, 2012. http://www.washington.edu/news/2012/06/20/making-it-mobile-smartphone-apps-abound-at-ischool/

[M.9]   Intel Free Press. "Can smart phones help you live longer?" (Covered ShutEye from C. 23 and PVT-Touch from C.27) Intel Tech News. February 1, 2011. http://newsroom.intel.com/community/intel_newsroom/free_press/blog/2011/02/01/could-smart-phones-help-you-live-longer

[M.8]   Kennedy, D. "Future Lab: Sleep Science" (Covered ShutEye from C.23 and PVT-Touch from C.27). Connected Social Media. January 17, 2011. http://connectedsocialmedia.com/intel/4884/future-lab-sleep-science/

[M.7]   Kindermans, G. "Baby fotofun voor babywelzijn" (Dutch Article on Baby Steps from C.11) DataNews. April 15, 2009. http://www.datanews.be/nl/news/90-104-23522/baby-fotofun-voor-babywelzijn.html

[M.6]   Grifantini, K. "A Clever Use for Baby Snapshots: Constant logging could help spot problems in kids." (Covered Baby Steps system from C.11) MIT Technology Review Blog. April 13, 2009. http://www.technologyreview.com/blog/editors/23355/

[M.5]   Hickey, H. "Picture this: Digital album puts focus on kids' health." (Quoted in news story about Baby Steps system from C.11). UW News. April 6, 2009. http://uwnews.org/article.asp?articleID=48536

[M.4]   Phillips, A. "Gadgets of the Future 'Disappear Into Your Life.'" (Quoted in news story on FETCH system from C.6). 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 from C.4). 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]   Lowry, D. & Christensen, T. "Ga. Tech. Tests Aware Home." 11Alive Atlanta News (Story broadcast on news and appeared on website, mentioned Abaris from C.4 and other autism projects). April 26, 2006. http://www.11alive.com/news/news_article.aspx?storyid=79099

[M.1]   Feder, B. "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 External Lectures and Seminars

1. Seattle Children's Hospital: *Tracking Health Outcomes/Data with Mobile Technology*. May 2015.
2. Seattle Children's Research Institute: *Baby Steps: Designing Interactive Technology for Tracking Children's Developmental Progress for Parents from Diverse Backgrounds*. April 2015.
3. Cornell Tech NYC: *Understanding and Reducing the User Burdens in Applications for Health and Wellbeing.* January 2015.
4. Cornell University: *Understanding and Reducing the User Burdens in Applications for Health and Wellbeing*. January 2015.
5. TedXYouth: *How technology can be a burden ... and how design can fix it*! November 2014.
6. Intel Science & Technology Center on Pervasive Computing Retreat: *Personal Health Detectives*. August 2014.
7. Puget Sound World Usability Day. *Understanding and Reducing the User Burdens in Applications for Health and Wellbeing.* November 2013.
8. Technology Alliance. *Baby Steps system for tracking developmental progress in young children.* November 2013.
9. TechNW: *Bridging the Gap Between the Health Industry and Technology.* October 2013.

10. Intel Science & Technology Center on Pervasive Computing Retreat: *MyHealthBehavior: Toward a Unified Pervasive Assistant for Health*. July 2013

11. University of California, Irvine: *Understanding and Reducing the User Burdens in Applications for Health and Wellbeing*. June 2013

12. Microsoft Research: *Understanding and Reducing the User Burdens in Applications for Health and Wellbeing*. June 2013.

13. Carnegie Mellon University: *Understanding and Reducing the User Burdens Associated with Interactive Technologies for Health and Wellbeing*, April 2013.

14. University of Michigan: *Understanding and Reducing the User Burdens Associated with Interactive Technologies for Health and Wellbeing*, April 2013.

15. Centers for Disease Control & Prevention: *Designing Novel Computing Technologies to Track Children's Developmental Progress*, April 2010.

16. University of Toronto: *Tools for Supporting Individuals with Autism and other Cognitive Disabilities*, October 2009.

17. Seattle Area Institutional Review Board Meeting: *Human Subjects Issues in Human-Computer Interaction*, August 2009.

18. University of Washington, DUB Seminar: *Computing for Healthy Living and Learning*, December 2008.

19. University of Washington, Department of Technical Communication: *Decision Support through Embedded Capture for Everyday Health and Wellness*, May 2008.

20. Northeastern University, Computer Science Department: *Decision Support through Embedded Capture for Everyday Health and Wellness*, May 2008.

21. University of Calgary, Computer Science Department: *Decision Support through Embedded Capture for Everyday Health and Wellness*, April 2008.

22. University of Washington, Information School: *Decision Support through Embedded Capture for Everyday Health and Wellness*, March 2008.

23. Cornell University, Information Science: *Decision Support through Embedded Capture for Everyday Health and Wellness*, March 2008.

24. University of California, Irvine, Information and Computer Sciences: *Decision Support through Embedded Capture for Everyday Health and Wellness*, March 2008.

25. Georgia Institute of Technology, *GVU Seminar*: *From the War Room to the Living Room: Decision Support for Home-based Therapy Teams*, October 2006.

26. 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[4]

1. *Bauer, J.S.*, Newman, M.W., & <u>Kientz, J.A.</u> "What Designers Talk about when They Talk About Context." *CHI 2015 HCI Journal Talk* (April, 2015)

2. <u>Kientz, J.A.,</u> "Understanding and Reducing the User Burdens in UbiComp Technologies." *Keynote speech at ISWC 2014 Workshop on Smart Garments*. (September, 2014)

3. <u>Kientz, J.A.,</u> "Understanding and Reducing the User Burdens in Applications for Health and Wellbeing." *Seattle Health Innovators Conference* (March, 2014).

4. <u>Kientz, J.A.</u> "Innovators Under 35: Visionaries." *EmTech '13*. (October, 2013).

5. <u>Kientz, J.A.</u> "Understanding Parent-Pediatrician Interaction for the Design of Health Technologies" *IHI '10*. (November, 2010)

6. <u>Kientz, J.A.</u> and G.D. Abowd. "KidCam: Toward an Effective Technology for the Capture of Children's Moments of Interest." *Pervasive '09*. (May, 2009).

---

[4] To avoid redundancy, this list does not include presentations for conference papers listed in the publications section that were presented by students or other co-authors.

7. 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).

8. Abowd, G.D., G.R. Hayes, and J.A. Kientz. "Information Technologies to Support the Challenges of Autism and Related Developmental Disorders." *CRA's Computing Research that Changed the World Symposium at the Library of Congress.* (March 2009)

9. 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).

10. 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 Marco- and Micro-Environments for the Future*. (October, 2007).

11. Kientz, J.A. "Supporting Data-Based Decision-Making for Caregivers through Embedded Capture and Access." *Grace Hopper Celebration of Women in Computing*. (October 2007).

12. 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).

13. 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).

14. 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).

15. *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).

16. 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 Health Informatics (SIGHIT) — 2010-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 — 2006-2013, 2015
- Intelligent User Interfaces — 2009
- ACM Transactions on Accessible Computing — 2008, 2011
- ACM Transactions on Human-Computer Interaction (ToCHI) — 2009, 2010, 2012, 2014, 2015
- CSCW: Computer Supported Cooperative Work — 2008, 2010-2012, 2014
- CHI: ACM Conference on Human Factors in Computing Systems — 2006-2012
- DIS: Designing for Interactive Systems — 2012, 2014
- UIST: User Interface Software & Technology — 2014
- Journal of Personal and Ubiquitous Computing — 2010, 2011
- Journal of Interacting with Computers — 2011
- Pervasive: International Conference on Pervasive Computing — 2007, 2009-2012
- ISWC: International Symposium on Wearable Computing — 2008

- IEEE Pervasive Computing Magazine 2005, 2008
- MobileHCI 2012
- MobiSys 2004

Grant Reviewing

- National Science Foundation Panelist 2010, 2012, 2013
- University of Washington – Royalty Research Fund 2008, 2009, 2011, 2013, 2014, 2015
- 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	Designing Self-Monitoring Technology to Promote Data Capture and Reflection	2014	Assistant Professor, Pennsylvania State University
Jared Bauer	Relating Interfaces: Designing Interfaces to Accommodate the User's Perspective	2015 (expected)	N/A
Matthew Kay	Improving User Interfaces with User-Facing Uncertainty in Everyday Sensing & Perception	2016 (expected)	N/A
Kyle Rector	Eyes-Free Exercise Technologies Utilizing Computer Vision	2017 (expected)	N/A
Alexis Hiniker	TBD	2017 (expected)	N/A
Hyewon Suh	TBD	2017 (expected)	N/A
John Porter	TBD	2018 (expected)	N/A
Kiley Sobel	TBD	2018 (expected)	N/A

Other Doctoral Committees

Student Name	Level of Supervision	Thesis/Paper Title	Completed (Year)
Yi Zhao	Ph.D. Committee Member, Graduate School Rep	TBD	TBD
Chia-Fang Chung	Ph.D. Committee Member	TBD	TBD
Martez Mott	Ph.D. Committee Member	TBD	TBD
Mania Orand	Ph.D. Committee Member	TBD	TBD
Sungsoo (Ray) Hong	Ph.D. Committee Member	TBD	TBD
Michael Lee	Ph.D. Committee Member	Gidget – An Online Debugging Game for Computing Education	2015
Cynthia Matuszek	Ph.D. Committee Member,	Talking to Robots: Learning to	2014

	Graduate School Rep.	Ground Human Language in Perception & Execution	
Patrick Sanger	Ph.D. Committee Member, Graduate School Rep.	Patient-Centered Development and Evaluation of a Mobile Wound Tracking Tool	2015
Leslie Liu	Ph.D. Committee Member	Understanding and Designing Video Communication Technologies for Children with a Chronic Illness	2015
Jonathan Joe	Ph.D. Committee Member, Graduate School Rep.	Designing Wellness Tools for and with Older Adults	2015
Katie Derthick	Ph.D. Committee Member	Exploring the Relationship between Meditation, Values, and Technology Use	2015
Anita Lungu	Ph.D. Committee Member	Enhancing Computerized Psychotherapy with Persuasive Technology	2015
Hao Lu	Ph.D. Committee Member, Graduate School Rep.	Tools for Authoring Touch Gestures By Combining Demonstration and Declaration	2013
Adrienne Andrew	Ph.D. Committee Member	Approaches to Food Journaling on Mobile Devices	2012
Chandrika Jayant	Ph.D. Committee Member	Non-Visual Mainstream Smartphone Camera Interactions for Blind and Low-Vision People	2011
Keith Grochow	Ph.D. Committee Member, Graduate School Rep.	The Design of COVE: a Collaborative Ocean Visualization Environment	2011
Pedrag Klasnja	Ph.D. Committee Member	Supporting Information Management of Cancer Patients with Mobile Technology	2011
Cynthia Putnam	Ph.D. Committee Member	The usability of user experience research: What makes user experience research useful, effective and usable for design teams?	2010
Alan Liu	Ph.D. Committee Member, Graduate School Rep.	Design of an Adaptive Wayfinding System for Individuals with Cognitive Impairments	2010

Chaired Masters Degrees

Student Name	Degree Path/Scope of Supervision	Completed (Year)
Yongji Zhou	Coursework Option	Ongoing
Portia Plante	Coursework Option	Ongoing
Janet Liao	Coursework Option	Ongoing
Kenneth Milne	Coursework Option	Ongoing
Dan Li	Coursework Option	2013
Ginger Wilkinson	Coursework Option	2013
Nicole Lee	Coursework Option	2013
Jasonn Kittle	Coursework Option	2013
Ru-Ping Kuo	Coursework Option	2012
David Knapp	Coursework Option	2012
Melinda Salazar	Coursework Option	2011

Other Significant Student Supervision

Student Name	Role	Project/Thesis Title	Completed (Year)
Mike Lipp	Capstone Sponsor	FortyWinks	2015
Libby Hanaford	Capstone Sponsor	FortyWinks	2015
Elaine Zhao	Capstone Sponsor	NightOwl	2015
Ann Huang	Capstone Sponsor	NightOwl	2015
Diana Chin	Capstone Sponsor	NightOwl	2015
Ankitha Bharadwaj	Capstone Sponsor	IllumiShare & Autism	2014
Annuska Perkins	Capstone Sponsor	IllumiShare & Autism	2014
Divya Addepalli	Capstone Sponsor	Pediatric Sleep	2013
Ona Anicello	Capstone Sponsor	Pediatric Sleep	2013
Shruti Goins Shah	Capstone Sponsor	Pediatric Sleep	2013
Anuradha Vellineni	Capstone Sponsor	Pediatric Sleep	2013
Mobina Imtiaz	Capstone Sponsor	Unwind	2012
Daniel Cortez	Capstone Sponsor	Unwind	2012
Deepak Balachandar	Capstone Sponsor	Two Goals	2012
Shane Wachirawutthichai	Capstone Sponsor	Two Goals	2012
Jackson Chang	Capstone Sponsor	Two Goals	2012
Tien Nguyen	Capstone Sponsor	Two Goals	2011
Amanda Fonville	Capstone Sponsor	Empathic Spaces	2010
Sean Mitchell	Thesis Committee	Human Robot Interaction	2010
Michael Gilbert	Capstone Sponsor	Firefly	2010

RESEARCH ACTIVITIES

Awarded Proposals

Funding Agency	Title	Total Amount	Kientz Amount[5]	Your Role, (Other PI)	Dates (start-finish)
University of Washington Co-Motion Innovation Fund	Baby Steps: Interactive Technology to Support Early Project Number: Intervention for Developmental Delay in Young Children	$50,000	$50,000	*PI*	07/15-06/16
SNUPI Technologies	Design of SNUPI Technologies Website	$33,600	$33,600	*PI*	09/13-08/15
FX PAL	Exploration of Sense of Embodiment When Using Telepresence Systems	$8,654	$8,654	*PI*	04/15-03/16
Robert Wood Johnson Foundation	When am I at my best? Passive sensing of circadian rhythms individualized models of cognitive performance	$36,772	$18,217	*PI*	03/15-08/15
University of Washington	A Connected Approach to Mobile Health	$500,000	$500,000	*Co-PI (all equal)*	01/15-01/17

---

[5] Amount determined based on sub-budgets and/or amount spent on my salary and personnel I advised or co-advised.

Innovation Award					
Agency for Healthcare Research and Quality	Improving Teen Care with HIT	$1,216,231	$74,121	*Co-PI (PI: McCarty)*	09/14-09/19
Agency for Healthcare Research and Quality	Sharing Patient Lifelog Data with the Primary Care Team for Two Patient Populations: Preventative Care & Chronic Disease Management	$297,346	$20,000	*Co-PI (PI: Munson)*	09/14-08/16
National Science Foundation	Smart and Connected Health Principal Investigator Workshop 2014: From Discovery to Dissemination and Implementation Research	$66,822	$66,822	*PI*	06/14-05/15
Agency for Healthcare Research and Quality	Addressing the Personal Health Information Management Needs of Older Adults	$2,447,000	~$400,000	*Co-PI (PI: Turner)*	9/13-8/17
National Science Foundation	SCH:INT: Supporting Healthy Sleep Behaviors through Ubiquitous Computing	$1,384,217	~$1,000,000	*PI*	1/14-12/16
Google	Understanding the Effect of Study Duration on User Feedback and Data Saturation	$55,036	$55,036	*PI*	9/13-8/14
Intel Corporation	Intel Science & Technology Center on Pervasive Computing	$465,000	$465,000	*Co-PI (PI: Fox)*	6/13-9/14
Microsoft Research	Persuasive Performance Feedback	$500	$500	*PI (for Choe)*	3/13-2/14
Intel Corporation	TRIA (Tech Relating Intelligent Agents)	$21,500	$21,500	*PI (for Bauer)*	3/13-2/14
Kynamatrix Grant	Kinect Yoga Game for Blind and Low Vision Individuals	$1,000	$1,000	*PI (for Rector)*	3/13-2/14
National Institute of Health	Travel award to NIH 2012 mHealth Summer Training Institute	$2,000	$2,000	*PI*	7/12-8/12
Hartwell Innovation Fund	Innovative Smartphone Application of a New Behavioral Method to Quit Smoking: Development & Usability Testing	$80,000	~$40,000	*Co-PI (PI: Bricker)*	9/12-8/13
Consortium of Multiple Sclerosis Centers	Measuring Sleep in Multiple Sclerosis	$40,000	$4,839	*Co-PI (PI: Amtmann)*	9/12-12/13
UW School of Nursing	Sleep Smartphone Project	$13,945	$13,945	*Co-PI (PI: Landis)*	5/12-4/13

20

Zeo, Inc.	Lullaby: Sensing to aid in the Identification of Environmental Sleep Disruptors – Equipment Grant	$2,000	$2,000	*PI*	3/11-2/12	
Intel Corporation	Design, Analysis, and Human-Computer Interaction Impacts of High-Performance Computing and Communication Systems Related to Sensing and Perception	$35,000	$35,000	*PI*	9/10-8/11	
University of Washington	Royalty Research Fund: Design and Evaluation of a Computing System to Encourage Long-Term, Healthy Sleep Behaviors	$35,000	$35,000	*PI*	9/10-8/11	
National Science Foundation	CAREER: Healthy Families: Technology to Support the Health and Wellness of Young Children	$519,541	$519,541	*PI*	7/10-6/15	
National Institute of Mental Health	STTR: Comprehensive Charting and Communication System	$499,187	$151,632	*Co-PI (PI: Levine)*	7/09-6/12	
Nokia Research	Baby Steps Mobile	$8,600	$8,600	*PI*	4/09-3/10	
National Science Foundation	NSF East Asia Summer Institutes for US Graduate Students	$3,000	$3,000	*PI*	7/05-9/05	

DOCUMENTATION OF TEACHING EFFECTIVENESS

Courses Taught & Student Evaluations

Course	Title	Quarter	Credit Hours	Enrollment	Evaluations Response	Item 1	Item 3	Item 4	Avg., 1-4
HCDE 548	Advanced Topics in HCDE	Spring, 2015	4	11	Pending				
HCDE 518	User-Centered Design	Autumn, 2014	5	41	37	4.3	4.7	4.6	4.5
HCDE 593	MS Capstone	Spring, 2014	4	30	29	3.9	4.1	3.8	3.8
HCDE 592	MS Capstone Planning	Winter, 2014	1	29	N/A				
HCDE 418	User Experience Design	Winter, 2014	4	41	31	4.1	4.6	4.6	4.3
HCID 511	Ideation Studio	Autumn, 2013	5	30	27	4.5	4.8	4.7	4.6

HCDE 593	MS Capstone	Spring, 2013	4	42	36	3.5	4.3	4.1	3.6
HCDE 518	User Centered Design	Winter, 2012	5	9	8	4.5	4.5	4.5	4.5
IMT 540	Design Methods for Interaction & Systems	Autumn, 2011	5	25	23	4.7	4.9	4.8	4.8
HCDE 518	User-Centered Design	Autumn, 2011	5	29	28	4.5	4.7	4.6	4.6
INFO 360	User Centered Design	Spring, 2011	5	40	34	3.8	3.9	3.9	3.8
HCDE 518	User Centered Design	Winter, 2011	4	26	26	4.4	4.4	4.4	4.4
IMT 540	Design Methods for Interaction & Systems	Autumn, 2010	4	35	33	4.4	4.4	4.2	4.3
INSC 546	Assistive Technology & Inclusive Design	Spring, 2010	5	10	7	4.3	4.8	3.8	4.2
HCDE 418	User Experience Design	Autumn, 2009	5	26	22	4.6	4.7	4.6	4.6
INFO 360	User-Centered Design	Spring, 2009	5	33	24	3.7	4.3	3.8	3.9
TC 437	Web Design & Web Publishing	Winter, 2009	5	29	19	3.6	3.8	3.5	3.7

Supervision of Directed Research Groups

Course #	Title	Year / Qtr.	# Students (Total Credits)
HCDE 496/596	Directed Research – Telepresence Study	2015/Spring	3(9)
HCDE 496/596	Directed Research – Acceptability of Accuracy	2015/Spring	2(7)
HCDE 496/596	Directed Research – Game Design & Theory Seminar	2015/Spring	4(1)
HCDE 496/596	Directed Research – Game Design & Theory Seminar	2015/Winter	6(6)
HCDE 496/596	Directed Research – Technology Use and Family Life	2015/Winter	7(19)
HCDE 496/596	Directed Research – Game Design & Theory Seminar	2014/Autumn	3(4)
HCDE 496/596	Directed Research – Tablet Design for Pre-Schoolers	2014/Autumn	4(13)
HCDE 496/596	Directed Research – User Burdens	2014/Spring	3(12)
HCDE 496/596	Directed Research – Smartphone Sleep Sensing	2014/Spring	6(14)
HCDE 496/596	Directed Research – Game Design & Theory Seminar	2014/Spring	5(5)
HCDE 496/596	Directed Research – User Burdens	2014/Winter	4(9)
HCDE 496/596	Directed Research – Game Design & Theory Seminar	2013/Autumn	14(15)
HCDE 496/596	Directed Research – User Burdens	2013/Autumn	4(9)
HCDE 496/596	Directed Research – Baby Steps Social Media	2013/Spring	6 (19)

HCDE 496/596	Directed Research – Baby Steps Social Media	2013/Winter	10 (20)
HCDE 496/596	Directed Research – Baby Steps Latino	2012/Spring	6 (10)
HCDE 496/596	Directed Research – Baby Steps Latino	2012/Winter	8 (19)
HCDE 496/596	Directed Research – Baby Steps Latino	2011/Autumn	6 (14)
HCDE 496/596	Directed Research – Interfaces that Make Us Think	2011/Spring	8 (16)
HCDE 496/596	Directed Research – Interfaces that Make Us Think	2011/Winter	10 (20)
HCDE 496/596	Directed Research – Interfaces that Make Us Think	2010/Autumn	10 (27)
HCDE 496/596	Directed Research – Persuasive Technologies	2010/Spring	9 (20)
HCDE 496/596	Directed Research – Persuasive Technologies	2010/Winter	11 (28)
HCDE 496/596	Directed Research – Persuasive Technologies	2009/Autumn	6 (12)
HCDE 496/596	Directed Research – Healthy Living	2009/Summer	2 (3)
HCDE 496/596	Directed Research – Healthy Living	2009/Spring	9 (18)
HCDE 496/596	Directed Research – Healthy Living	2009/Winter	8 (12)
HCDE 496/596	Directed Research – Healthy Living	2008/Autumn	5 (8)

Supervision of Independent Study

Course #	Title or Student Name	Year / Qtr.	# Students (Total Credits)
HCDE 599	Independent Study	2015/Spring	3(9)
HCDE 599	Independent Study	2015/Winter	3(12)
INSC 600	Independent Study	2015/Winter	1(10)
INSC 600	Independent Study	2014/Autumn	1(10)
HCDE 599	Independent Study	2014/Autumn	2(7)
HCDE 599	Independent Study	2014/Summer	3(6)
HCDE 499	Independent Study	2014/Spring	1(1)
HCDE 599	Independent Study	2014/Spring	3(7)
HCDE 599	Independent Study	2014/Winter	2(6)
INSC 600	Independent Study	2014/Winter	1(10)
CSE 600	Independent Study	2014/Winter	1(2)
HCDE 599	Independent Study	2013/Autumn	3(10)
HCDE 599	Independent Study	2013/Summer	1(2)
CSE 600	Independent Study	2013/Summer	1(2)
HCDE 599	Independent Study	2013/Spring	3(8)
CSE 600	Independent Study	2013/Spring	1(6)
HCDE 599	Independent Study	2013/Winter	2(6)
CSE 600	Independent Study	2013/Winter	1(5)
HCDE 599	Independent Study	2012/Autumn	3(6)
CSE 500	Independent Study	2012/Autumn	1(4)
HCDE 599	Independent Study	2012/Spring	2(9)
CSE 600	Independent Study	2012/Spring	1(5)
INSC 600	Independent Study	2012/Spring	1(10)
HCDE 499	Independent Study	2012/Winter	1(3)
CSE 600	Independent Study	2012/Winter	1(3)
INSC 600	Independent Study	2012/Winter	1(10)
HCDE 599	Independent Study	2011/Autumn	1(2)
CSE 600	Independent Study	2011/Autumn	1(6)
INSC 600	Independent Study	2011/Autumn	1(10)
CSE 600	Independent Study	2011/Summer	1(2)
HCDE 599	Independent Study	2011/Summer	1(3)
HCDE 599	Independent Study	2011/Spring	5(6)
HCDE 499	Independent Study	2011/Spring	1(2)
INFO 499	Independent Study	2011/Spring	1(3)

IMT 600	Independent Study	2011/Spring	1(4)
HCDE 599	Independent Study	2011/Winter	6(6)
CSE 600	Independent Study	2011/Winter	1(3)
IMT 600	Independent Study	2011/Winter	1(3)
INSC 600	Independent Study	2010/Winter	1(10)
HCDE 599	Independent Study	2010/Autumn	1(2)
INSC 599	Independent Study	2010/Autumn	1(3)
INSC 599	Independent Study	2010/Summer	1(2)
HCDE 599	Independent Study	2010/Spring	1(3)
HCDE 499	Independent Study	2010/Spring	1(3)
IMT 600	Independent Study	2010/Spring	1(2)
INFO 499	Independent Study	2010/Spring	1(2)
IMT 600	Independent Study	2010/Winter	1(2)
INFO 499	Independent Study	2010/Winter	3(7)
INSC 599	Independent Study	2010/Winter	1(4)
HCDE 599	Independent Study	2009/Autumn	1(4)
IMT 600	Independent Study	2009/Autumn	1(1)
INFO 499	Independent Study	2009/Autumn	3(9)
HCDE 599	Independent Study	2009/Winter	1(4)

Supervision of Dissertation, Internship, Research & Teaching Practicum Credits

Course #	Title or Student Name	Year / Qtr.	# Students (Total Credits)
CSE 800	Doctoral Dissertation	2015/Spring	1(6)
HCDE 800	Doctoral Dissertation	2015/Spring	2(16)
INSC 800	Doctoral Dissertation	2015/Spring	1(10)
HCDE 800	Doctoral Dissertation	2015/Winter	2(20)
CSE 800	Doctoral Dissertation	2015/Winter	1(4)
HCDE 800	Doctoral Dissertation	2014/Autumn	2(18)
CSE 800	Doctoral Dissertation	2014/Autumn	1(6)
INSC 800	Doctoral Dissertation	2014/Summer	1(2)
CSE 800	Doctoral Dissertation	2014/Summer	1(2)
INSC 800	Doctoral Dissertation	2014/Spring	1(10)
CSE 800	Doctoral Dissertation	2014/Spring	1(7)
INSC 800	Doctoral Dissertation	2013/Autumn	1(10)
INSC 800	Doctoral Dissertation	2013/Spring	1(10)
HCDE 800	Doctoral Dissertation	2013/Winter	1(10)
INSC 800	Doctoral Dissertation	2013/Winter	1(10)
HCDE 800	Doctoral Dissertation	2012/Autumn	1(10)
INSC 800	Doctoral Dissertation	2012/Autumn	1(10)
INSC 800	Doctoral Dissertation	2012/Spring	1(10)
INSC 800	Doctoral Dissertation	2012/Winter	1(10)
HCDE 800	Doctoral Dissertation	2011/Autumn	1(4)
INFO 495	Internship	2011/Autumn	1(4)
INSC 800	Doctoral Dissertation	2011/Autumn	1(10)
INFO 495	Internship	2011/Spring	2(7)
INSC 565	Teaching Practicum	2011/Spring	1(3)
INSC 800	Doctoral Dissertation	2011/Spring	1(10)
INSC 565	Teaching Practicum	2010/Autumn	1(3)
INSC 575	Research Practicum	2010/Autumn	1(3)
INFO 495	Internship	2010/Summer	1(5)

INSC 566	Teaching Practicum	2010/Spring	1(3)
INSC 576	Research Practicum	2010/Spring	1(3)
INFO 495	Internship	2010/Spring	1(4)
INSC 575	Research Practicum	2009/Autumn	1(3)
INSC 565	Teaching Practicum	2009/Spring	1(3)
INSC 566	Teaching Practicum	2009/Spring	1(3)
INSC 575	Research Practicum	2009/Spring	1(3)
INSC 576	Research Practicum	2009/Spring	1(3)
HCDE 700	Master's Thesis	2009/Spring	1(3)

List of Other Teaching Contributions

- Created new Design Research & Children course (HCDE 548)   2015
- Co-designed new curriculum for the Global Innovation Exchange degree program 2015
- Co-designed new MS curriculum in HCDE   2014
- Co-created new MHCI+D Ideation Studio course (HCID 510)   2013
- Co-created new course on Human Centered Design & Eng. Capstone (HCDE 593)   2013
- Co-developed new interdisciplinary Master of Human-Computer Interaction
  + Design (MHCI+D) degree   2010-2013
- Co-designed new Ph.D. curriculum in HCDE   2011-2012
- Created new course on Assistive Technology & Inclusive Design (INSC 546)   2010
- Designed and taught College of Engineering BRIDGE course   2009, 2010

SERVICE

Interdepartmental Service

- UW Global Innovation Exchange (GIX) Curriculum Committee   2014-Present
- College of Engineering Council   2014-Present
- Design, Use, Build Group (DUB) Steering Committee   2011-Present
- Master of Human-Computer Interaction + Design (MHCI+D)
    Executive Committee, Chair   2013-Present
- Master of Human-Computer Interaction + Design (MHCI+D) Planning Committee   2009-2013
- Master of Human-Computer Interaction + Design (MHCI+D) Admissions   2013, 2014, 2015
- Annual Retreat Co-Organizer, Design, Use, Build Group (DUB)   2009, 2010, 2013
- CHI Reception Organizer, Design, Use, Build Group (DUB)   2009, 2010, 2011

Departmental Service

University of Washington
- Faculty Search Committee, Human Centered Design & Eng., Chair   2014-Present
- Sr. Lecturer Search Committee, Human Centered Design & Eng.   2014
- Professional Grad Programs Advisory Board, Human Centered Design & Eng.   2013-Present
- Curriculum Committee, Human Centered Design & Eng.   2013-Present
- Masters Advisor, Human Centered Design & Eng.   2013-Present
- Masters Task Force, Human Centered Design & Eng.   2013-2014
- Awards Committee, Human Centered Design & Eng.   2012-Present
- Ph.D. Task Force, Human Centered Design & Eng.   2009-2013
- Space Committee, Human Centered Design & Eng.   2012

▪ Ph.D. Committee and Admissions Committee, Information School	2011-2012
▪ Computer Committee, Human Centered Design & Eng.	2011-Present
▪ Communication Committee, Information School	2009-2011
▪ Preliminary Exam Committee, Human Centered Design & Eng.	2009-2010
▪ Branding Committee, Human Centered Design & Eng.	2009
▪ Strategic Planning Committee, Technical Communication	2008

Georgia Institute of Technology

▪ Graduate Student Council, College of Computing	2003-2008
▪ Graduate Curriculum Committee, College of Computing	2007-2008
▪ Faculty Recruiting Committee, College of Computing	2006-2007
▪ Women@CC Women's Computing Group, College of Computing	2003-2008

Professional Society and Other Service

Technical Program Committee Chairs

▪ CHI: Subcommittee Chair	2015, 2016
▪ UbiComp: Technical Program Chair	2014

Organizing Committee Chairs

▪ National Science Foundation Smart & Connected Health PI Meeting Chair	2014

Steering Committees

▪ Pervasive and Ubiquitous Computing Conference Series	2014-Present
▪ Health Data Explorations Project Steering Committee	2014-Present
▪ Washington State Universal Departmental Screening Partnership Focus & Momentum Team	2014-Present

Technical Program Committees

▪ National Academy of Sciences Kavli Frontiers of Science Symposium	2015
▪ WISH: Workshop on Interactive Systems for Healthcare	2012, 2013
▪ CHI: ACM Conf. on Human Factors in Computing Systems	2009, 2011, 2012, 2014
▪ CHI: ACM Conf. on Human Factors in Computing Systems: Best Papers Cmte.	2015
▪ iConference	2011
▪ CHI: ACM Conf. on Human Factors in Computing Systems: Workshops	2010
▪ IHI: ACM Intl. Health Informatics Symposium	2010
▪ Pervasive: Intl. Conf. on Pervasive Computing	2010
▪ UbiComp: ACM Intl. Conf. on Ubiquitous Computing	2010, 2011
▪ UbiComp: ACM Intl. Conf. on Ubiquitous Computing: Posters	2008
▪ UbiComp: ACM Intl. Conf. on Ubiquitous Computing: 10 year Paper Impact Award	2014
▪ Pervasive Health: Intl. Conf. on Pervasive Health	2010, 2012, 2013
▪ ASSETS: ACM Intl. Conf. on Computers and Accessibility	2010, 2013

Organizing Committees

▪ UbiComp: CRA Broadening Participation in UbiComp Workshop Organizer	2014
▪ CSCW: Doctoral Consortium Panelist	2012
▪ CHI: Health Community Co-Chair	2012
▪ UbiComp: Doctoral Consortium Panelist	2011

▪ UbiComp: Publicity Chair	2009
▪ CHI: Print Proceedings Chair	2008
▪ UbiComp: Student Volunteer Co-Chair	2008
▪ Pervasive: Student Volunteer Co-Chair	2007

Volunteer

▪ Washington State Universal Developmental Screening Partnership member	2009-Present
▪ Autism Speaks Student Design Competition Expert Evaluator	2010
▪ Student Volunteer: UbiComp	2006, 2007
▪ Student Volunteer: CHI	2004

K-12 Outreach

▪ Burke Museum – Girls in Science Program	2015
▪ STEM School – High School Student Research Mentor (Sabreen Mohammed)	2014
▪ STEM School – Panel on Careers in Computer Science to 200 high school girls	2014
▪ College of Engineering Math Academy Workshop Instructor	2013, 2014. 2015
▪ Expanding Your Horizons – Keynote speech for yearly workshop in Bellevue for 300-400 middle school girls on careers in STEM fields	2012
▪ Bellevue City Schools - Keynote lecture for award ceremony for high school women receiving awards in math, science, and technology, sponsored by the American Association of University Women	2009
▪ BRIDGE Instructor, College of Engineering – Educating pre-freshmen in human-centered design & engineering	2009, 2010
▪ University Prep – Hosted visiting middle school science students to learn about science and research	2009
▪ Engineering Discovery Days – Provided demos and explanations of research to students visiting the University of Washington	2010

Community Service

▪ One Brick Seattle, Volunteer	2011-Present
▪ 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