

KELLY CAINE

CURRICULUM VITAE

Associate Professor
Human Centered Computing Division
School of Computing

Clemson University
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EDUCATION

Georgia Institute of Technology, Atlanta, GA, 2009

Ph.D. in Engineering Psychology with minor in Designing for Special Populations
Dissertation: *Understanding Privacy Behaviors and Misclosures*

Georgia Institute of Technology, Atlanta, GA, 2006

M.S. in Engineering Psychology
Thesis: *Privacy Perceptions of Visual Sensing Devices: Effects of Users' Ability and Type of Sensing Device*

University of South Carolina, Columbia, SC, 2002

B.A. (*cum laude*) in Experimental Psychology with minor in Business Administration

EMPLOYMENT

Clemson University, Clemson, SC

School of Computing
Associate Professor, 2016 - Present
Assistant Professor, 2012 - 2016

Indiana University, Bloomington, IN

School of Informatics and Computing
Principal Research Scientist, 2010 – 2012
Research Fellow, 2009 – 2010

Google, Mountain View, CA & New York, NY

User Experience Researcher, 2006 & 2007

Georgia Institute of Technology, Atlanta, GA

Instructor, 2009
Graduate Research Assistant, 2003 – 2009
Graduate Teaching Assistant, 2007, 2009

University of South Carolina, Columbia, SC

Research Assistant, 2001 – 2002
Resident Advisor, 2000 – 2001

AFFILIATIONS AND APPOINTMENTS

Center for Engaged Aging, Clemson, SC,

Associate, 2012 – Present

Human Factors Institute, Clemson, SC

Associate, 2013 – Present



HONORS & AWARDS

Aging Research Day Poster Second Prize, March, 2015

- This award recognizes outstanding posters presented at the Aging Research Day.
- Award: \$2,000 student scholarship.

American Medical Informatics Association Distinguished Poster Award, November, 2015

- This award recognizes outstanding posters presented at the AMIA Annual Symposium.

Human Factors and Ergonomics Society Healthcare Symposium mHealth Design Competition, April, 2015

- Organized and advised the Hermes team (Spencer Kohn and Cheng Guo), who won the 2015 Human Factors and Ergonomics Health Care Symposium's "mHealth Applications for Consumers" Design Competition.
- Award: \$1,000 honorarium + complimentary registration.

Clemson University Researcher of the Month, June, 2014

- Recognized by Clemson University for outstanding research and contributions to intellectual culture.

National Academy of Engineering / Institute of Medicine 'Go Viral to Improve Health' Collegiate Challenge Winner (Advisor), 2012

- Organized and advised the HealthyState team (Michele Degges, Mukta Gundi, Pranav Gupta, Matthew Holfelner, and Anthony Monaco) who won 3rd place in the NAE/IOM national challenge to build an app that "accelerates the public use of health data and spurs innovation to improve health."
- Award: \$3,000 + \$1,000 in travel funds

American Public Health Association, Best Poster, 2012

- Awarded best poster prize for: Gundi, M., Degges, M., Monaco, A., Gupta, P. Holfelner, M., Patil, S., & Caine, K. (November, 2012). *HealthyState: Presenting public health data to promote healthier life choices.*

Women in Science Research Competition 1st Prize in Math and Technology (Advisor), 2012

- Undergraduate women advisees Michele Degges and Morgan Soladine were awarded first prize in the Women in Science research competition for "What Do You Want to Share? Privacy & Access to EMRS".

ACM SIG Health Informatics, Best Security and Privacy paper, 2010

- First author of the paper, DigiSwitch: Design and Evaluation of a Device for Older Adults to Preserve Privacy While Monitoring Health at Home. *Proceedings of the ACM SIG on International Health Informatics.*

Foley Scholar, 2008 - 2009

- Highest academic honor awarded by GVC Center at Georgia Tech
- Awarded to exceptional students involved in research at the GVC Center at Georgia Institute of Technology for "overall brilliance and potential impact"
- Award: \$5,000

Georgia Institute of Technology Presidential Fellowship, 2003 - 2009

- Recognizes students with exceptional scholastic records and high research potential
- Award: \$5,500 stipend per year

ACM SIG-CHI Doctoral Consortium, 2009

- One of 15 doctoral students chosen nationally to participate
- Provides opportunity to workshop research ideas under the guidance of distinguished researchers
- Award: complimentary conference registration and travel expenses

PDMA Student Paper Competition Winner, 2008

- Georgia Product Development & Management Association competition fosters and recognizes “outstanding graduate student efforts in the area of new product development (NPD)”
- Award: \$1,000

ITID Fellowship, Fall 2005

- Competitive fellowship for the study of information technology solutions for international development
- Award: \$3,000 as well as an additional \$3,000 in travel funds

PUBLICATIONS¹

Book

- [B.1] Baxter, K., Courage, C. & **Caine, K.** (2015). *Understanding Your Users: A Practical Guide to User Research Methods*. Morgan Kaufmann.

Archival Journal Publications (Peer Reviewed)

- [J.12] McGregor, S. E., Roesner, F., & **Caine, K.** (2016). Individual versus Organizational Computer Security and Privacy Concerns in Journalism. *Proceedings on Privacy Enhancing Technologies*, 2016(4), 418-435.
- [J.11] **Caine, K.**, Kohn, S., Lawrence, C., Hanania, R., Meslin, E. & Tierney, W. (2015). Designing a Patient-Centered User Interface for Access Decisions about EHR Data: Implications from Patient Interviews. *Journal of General Internal Medicine*, 30(1), 7-16. [Impact Factor: 3.423]
- [J.10] Tierney, W., Alpert, S., Byrket, A., **Caine, K.**, Leventhal, J., Meslin, E. & Swartz, P. (2015). Provider Responses to Patients Controlling Access to their Electronic Health Records: A Prospective Cohort Study in Primary Care. *Journal of General Internal Medicine*, 30(1), 31-37. [Impact Factor: 3.423]
- [J.9] Swartz, P., **Caine, K.**, Alpert, S., Meslin, E. Carroll, A. & Tierney, W. (2015). Patient Preferences in Controlling Access to Their Electronic Health Records: a Prospective Cohort Study in Primary Care. *Journal of General Internal Medicine*, 30(1), 25-30. [Impact Factor: 3.423]
- [J.8] *Campbell, G., Caine, K., Connelly, K., Doub, T., & Bragg, A.* (2015). Cell Phone Ownership and Usage Among Mental Health Outpatients in the US. *Personal and Ubiquitous Computing*, 19(2), 367 - 378. [Impact factor: 1.7; Acceptance rate for special issue: 30%]
- [J.7] *White, G., Caine, K., Connelly, K., Selove, R. & Doub, T.* (2014). Designing Consumer Health Technologies for the Treatment of Patients With Depression: A Health Practitioner's Perspective. *Interactive Journal of Medical Research*, 3 (1):e2 doi:10.2196/ijmr.2368 [Impact factor has not been assigned to this journal yet. It will be released by Thomson Reuters' Web of Science Emerging Sources Citation Index, ESCI in late 2015].
- [J.6] Huber, L., Shankar, K., **Caine, K.**, Connelly, K., Camp, L. J., Walker, B. A. & Borrero, L. (2013). How In-Home Technologies Mediate Caregiving Relationships in Later Life. *International Journal of Human-Computer Interaction*, 29 (7), 441 - 455. [Impact factor: 1.415]


¹ Names of student/post-doc authors are *italicized*.

- [J.5] **Caine, K. E. & Hanania, R.** (2013). Patients Want Granular Privacy Control Over Health Information in EMRs. *Journal of the American Medical Informatics Association (JAMIA)*, 20(1), 7-15. [Acceptance rate: 24.2%; Impact factor: 3.571]
- [J.4] **Caine, K. E., Zimmerman, C. Y., Schall-Zimmerman, Z., Hazlewood, W. R., Camp, L. J., Connelly, K. H., Huber, L. L., & Shankar, K.** (2011). DigiSwitch: A device to allow older adults to monitor and direct the collection and transmission of health information collected at home. *Journal of Medical Systems* 35 (5), 1181-1195. [Impact factor: 1.783]
- [J.3] **Caine, K. E., Nichols, T. A., Fisk, A. D., Rogers, W. A., & Meyer, B.** (2011). Age-related differences in learning incidental, environmental information. *Experimental Aging Research*, 37 (1), 17 – 45. [Impact factor: 1.113]
- [J.2] Hickman, J. M., **Caine, K. E.**, Pak. R., Stronge, A. J., Rogers, W. A., & Fisk, A. D. (2009). What factors lead to healthcare miscommunications with older patients? *Journal of Communication in Healthcare*, 2(2), 103 – 118.
- [J.1] Vendemia, J.M.C, **Caine, K. E.**, & Evans, J. (2005). Quantitative EEG findings in convicted murderers. *Journal of Neurotherapy*, 9, 5-29. (Simultaneously published in *Forensic Applications of QEEG and Neurotherapy*).

Archival Conference Proceedings (Peer Reviewed)²

- [C.28] *Motti, V. G. & Caine, K. E.* (2016). Smart Wearables or Dumb Wearables? Understanding how Context Impacts the UX in the Wrist Worn Interaction. *Proceedings of the SIGDOC conference on the design of communication*. [1 - 10] [Acceptance rate 35%] doi>10.1145/2987592.2987606
- [C.27] Valdez, R. S., Holden, R. J., **Caine, K.**, Madathil, K., Mickelson, R., Novak, L. L., & Werner, N. (2016, September). Patient Work as a Maturing Approach Within HF/E: Moving Beyond Traditional Self-Management Applications. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting 60(1)*, 657-661. SAGE Publications. [Acceptance rate not published]
- [C.26] *Motti, V. G. & Caine, K. E.* (2016). Towards a Visual Vocabulary for Privacy Concepts. *Proceedings of the Human Factors and Ergonomics Society 60th Annual Meeting*, 60(1), 1078-1082. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.25] **Caine, K.** (2016). Local Standards for Sample Size at CHI. *Proceedings of the SIGCHI conference on Human factors in computing systems*, 981-992. [Paper; Acceptance rate: 23%]
- [C.24] *Motti, V. G. & Caine, K. E.* (2015). Micro Interactions and Multi dimensional Graphical User Interfaces in the Design of Wrist-Worn Wearables. *Proceedings of the Human Factors and Ergonomics Society 59th Annual Meeting*, 58(1), 1820-1824. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.23] *White, G., Singh, T., Caine, K. E. & Connelly, K.* (2015). Limited but satisfied: Low SES older adults experiences of aging in place. *Proceedings of the 9th International Conference on Pervasive Computing Technologies for Healthcare*. Istanbul, Turkey. [Full paper; Acceptance rate: 30%]

² Highly selective and high impact, peer reviewed archival conference proceedings meet or exceed the quality of journal publications in HCI and CS. See <http://dl.acm.org/citation.cfm?id=1743546.1743569>.

- [C.22] *Altenhoff, B., Vaigneur, H. & Caine, K. E.* (2015). One Step Forward, Two Steps Back: The Key to Wearables in the Field is the App. *Proceedings of the 9th International Conference on Pervasive Computing Technologies for Healthcare*. Istanbul, Turkey. [Note; Acceptance rate: 38%]
- [C.21] *Libonati, A., Caine, K. E., Kapadia, A & Reiter, M.* (2014). Defending Against Device Theft with Human Notarization. *Proceedings of the IEEE International Conference on Collaborative Computing: Networking, Applications and Worksharing* 8 – 17. [Invited full paper; acceptance rate: 20%]
- [C.20] *Motti, V. G. & Caine, K. E.* (2014). Understanding the Wearability of Head-mounted Devices from a Human-Centered Perspective. *Proceedings of the International Symposium on Wearable Computers*, 83-86. [Note; Acceptance rate: 24%]
- [C.19] *Motti, V. G. & Caine, K. E.* (2014). Human Factors Considerations in the Design of Wearable Devices. *Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting*, 58(1), 1820-1824. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.18] *White, G., Evans, R., Connelly, K. & Caine, K. E.* (2014). Designing Aging-In-Place Technologies to Reflect the Lifestyles and Precious Artifacts of Urban and Rural Older Adults. *Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting*, 58(1), 145-149. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.17] *Arreola, I., Morris, Z., Francisco, M., Connelly, K., Caine, K., & White, G.* (2014). From Checking On to Checking In: Designing for Low Socio-Economic Status Older Adults. *Proceedings of the SIGCHI conference on Human factors in computing systems*, 1933-1936. [Note; Acceptance rate: 23%]
- [C.16] *Norcie, G., Blythe, J., Caine, K. E., Camp, L. J.* (2014). Why Johnny Can't Blow the Whistle: Identifying and Reducing Usability Issues in Anonymity Systems, 1 - 10. *Proceedings of the Network and Distributed System Security Symposium (NDSS) Workshop on Usable Security (USEC)*. [Full paper; Acceptance rate: 30%]
- [C.15] *Barnes, K., Caine, K. E., Connelly, K. & Siek, K.* (2013). Understanding the Needs of Low SES Patients with Type 2 Diabetes. *Proceedings of the 7th International Conference on Pervasive Computing Technologies for Healthcare*, 302 - 306. [Note; Acceptance rate: 30%]
- [C.14] **Caine, K. E.**, Šabanović, S., & Carter, M. E. (2012). The Effect of Monitoring by Cameras and Robots on the Privacy Enhancing Behaviors of Older Adults. *Proceedings of the 7th ACM/IEEE International Conference on Human Robot Interaction (HRI)*, 343 – 350, Boston, MA. [Full paper; Acceptance rate: 27%]
-  [C.13] **Caine, K. E.**, Zimmerman, C. Y., Schall-Zimmerman, Z, Hazelwood, W. R., Sulgrove, A. C., Camp, L. J., Connelly, K. H., Lorenzen-Huber, L. M., & Shankar, K. (2010). DigiSwitch: Design and Evaluation of a Device for Older Adults to Preserve Privacy While Monitoring Health at Home. *Proceedings of the ACM SIG on International Health Informatics*. Arlington, VA. [Best Paper; Acceptance rate: 48%]
- [C.12] Luther, K., **Caine, K. E.**, Ziegler, K. & Bruckman, A. (2010). Why It Works (When It Works): Success Factors in Online Creative Collaboration. *Proceedings of the ACM SIG GROUP*, 1 – 10. Sanibel Island, FL. [Full paper; Acceptance rate: 36%]
- [C.11] *Poole, A. B., Caine, K. E., Fisk, A. D. & Rogers, W. A.* (2010). Errors of Disclosure in Computer Mediated Systems. *Proceedings of the Human Factors and Ergonomics Society 54th Annual Meeting* 54(5), 512 - 516. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]

- [C.10] Wyche, S. P., **Caine, K. E.**, Davison, B., Patel, S. N., Arteaga, M. & Grinter, B. E., (2009). Sacred Imagery in Techno-Spiritual Design. *Proceedings of the SIGCHI conference on Human factors in computing systems*, 55 - 58. [Note; Acceptance rate: 25%]
- [C.9] **Caine, K. E.**, Burnham, K. E., Fisk, A. D. & Rogers, W. A. (2008). Privacy Concerns and Disclosure Behavior in a Health Setting. *Proceedings of the Human Factors and Ergonomics Society 52nd Annual Meeting* 52(22), 1785 - 1789. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.7] **Caine, K. E.**, Fisk, A. D. & Rogers, W. A. (2007). Designing Privacy Conscious Aware Homes for Older Adults. *Proceedings of the Human Factors and Ergonomics Society 51st Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.6] **Caine, K. E.**, O'Brien, M. A., Park, S., Rogers, W. A., Fisk, A. D., Van Ittersum, K., Capar, M. & Parsons, L. J. (2006). Understanding acceptance of high technology products: 50 years of research. *Proceedings of the Human Factors and Ergonomics Society 50th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.5] **Caine, K. E.**, Fisk, A. D. & Rogers, W. A. (2006). Benefits and privacy concerns of a home equipped with a visual sensing system: A perspective from older adults. *Proceedings of the Human Factors and Ergonomics Society 50th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.4] Park, S., O'Brien, M. A., **Caine, K. E.**, Rogers, W. A., Fisk, A. D., Van Ittersum, K., Capar, M. & Parsons, L. J. (2006). Acceptance of computer technology: understanding the user and the organizational characteristics. *Proceedings of the Human Factors and Ergonomics Society 50th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.3] Hickman, J.M, **Caine, K. E.**, Stronge, A., Pak, R., Rogers, W. A., & Fisk, A.F. (2006). Doctor-Patient Communication: Exploring Patient And Doctor-Side Solutions for Improvements. *Proceedings of the Human Factors and Ergonomics Society 50th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.2] **Caine, K. E.**, Rogers, W. A., & Fisk, A. D. (2005). Privacy perceptions of an aware home with visual sensing devices. *Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]
- [C.1] **Caine, K. E.**, Nichols, T. A., Fisk, A. D. & Rogers, W. A. (2005). Age-related differences in learning incidental environmental information. *Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society. [Acceptance rate not published]

Non-Archival Conference Papers (Peer Reviewed)

- [c.13] Watkins, E. A., McGregor, S., **Caine, K.**, Roesner, F., Al-Ameen, M. N. & Lowens, B. (2016). Sensemaking and Storytelling: Network Security Strategies for Collaborative Groups. *Proceedings of the 2016 IEEE International Conference on Collaboration Technologies and Systems*. Orlando, FL. [Acceptance rate: 36%]
- [c.12] Motti, V. G. & **Caine, K. E.** (2015). An Overview of Wearable Applications for Healthcare: Requirements and Challenges. *Ubicomp/ISWC '15 adjunct, Adjunct Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2015 ACM*



- [c.11] Connelly, K., Reeder, B., Hall, A., **Caine, K. E.**, Siek, K. & Demiris, G. (2015). HomeSHARE: A Distributed Smart Homes Testbed Initiative. *Proceedings of the Annual Symposium of the American Medical Informatics Association*.
- [c.10] Cheng, K., **Caine, K. E.**, Pratt, W. & Connelly, K. (2013). Consumer Engagement in Health Technologies Special Interest Group. *Extended Abstracts of the ACM Conference on Human Factors in Computing Systems*.
- [c.9] *Norcie, G.*, **Caine, K. E.**, Camp, L. J. (2012). Eliminating Stop-Points in the Installation and Use of Anonymity Systems: A Usability Evaluation of the Tor Browser Bundle. *Proceedings of the 5th Workshop on Hot Topics in Privacy Enhancing Technologies (HotPETs 2012)*. Held in conjunction with the 12th Privacy Enhancing Technologies Symposium. Vigo, Spain.
- [c.8] *White, G.*, Connelly, K., & **Caine, K.** (2012). Opportunities for ubiquitous computing in the homes of low SES older adults. *Proceedings of the 14th International Conference on Ubiquitous Computing (UbiComp 2012)*, 659-660. ACM, Pittsburgh, PA. [Poster; Acceptance rate for posters not published]
- [c.7] Alpert, S., **Caine, K.**, Tierney, W. & Goodman, K. (2012). *Aspiring to Awesome: Ethics, Human Factors, and Technology for Patient Granular Control*. In the Proceedings of the American Medical Informatics Association Annual Meeting. Chicago, IL.
- [c.6] **Caine, K. E.**, Kisselburgh, L., G. & *Lareau, L.* (2011). Audience Visualization Influences Disclosures in Online Social Networks. *Extended Abstracts of the ACM Conference on Human Factors in Computing Systems*.
- [c.5] Luther, K., Ziegler, K., **Caine, K. E.**, & Bruckman, A. (2009). Predicting Successful Completion of Online Collaborative Animation Projects. *Extended Abstracts of Creativity & Cognition 2009*.
- [c.3] **Caine, K. E.** (2009). Supporting Privacy by Preventing Misclosure. *Extended Abstracts of the ACM Conference on Human Factors in Computing Systems*. (Doctoral Consortium).
- [c.3] Wyche, S. P., **Caine, K. E.**, Davison, B., Arteaga, M. & Grinter, B. (2008). Sun Dial: Exploring Techno-Spiritual HCI through a Mobile Islamic Call to Prayer Application. *Extended Abstracts of the ACM Conference on Human Factors in Computing Systems*.
- [c.2] *Kwasny, M. N.*, **Caine, K. E.**, Fisk, A. D. & Rogers, W. A. (2008). Privacy and Technology: Folk Definitions and Perspectives. *Extended Abstracts of the ACM Conference on Human Factors in Computing Systems*.
- [c.1] Blanson Henkemans, O. A., **Caine, K. E.**, Rogers, W. A., Fisk, A. D., Neerincx, M. A. & de Ruter, B. (2007). Medical Monitoring for Independent Living: User-centered design of smart home technologies for older adults. *Proceedings of the Med-e-Tel Conference for eHealth, Telemedicine and Health Information and Communication Technologies*.


Book Chapters (Peer Reviewed)

- [b.4] Hazelwood, W. R., Connelly, K. **Caine, K. E.**, Zimmerman, Z. & Blanton, G. (2014). Property Damage, Purchasing Orders, and Power Outages: Suggestions for Planning Your Next In-The-Wild Deployment. In G. Demiris (Ed.), *Handbook of Smart Homes, Health Care and Well-Being*. Springer (DOI 10.1007/978-3-319-01904-8_33-1).
- [b.3] **Caine, K. E.** & Chhoa, C. (2014). DigiSwitch. In C. Rébola (Ed.), *Designed Technologies for Healthy Aging*. Morgan and Claypool (ISBN-10 : 1627053174).
- [b.2] **Caine, K. E.**, Hargrove, W. & Sun, M.W. (2006). Information and Communication Needs of Rwandan Coffee Stakeholders. In M. L. Best (Ed.), *Last Mile Initiative Innovations: Research Findings from the Georgia Institute of Technology*. (pp. 28-46).
- [b.1] Vendemia, J.M.C, **Caine, K. E.**, & Evans, J. (2005). Quantitative EEG findings in convicted murderers. In J. R. Evans (Ed.), *Forensic Applications of QEEG* (Simultaneously published in *Journal of Neurotherapy*, 9, 5-29).

Workshops Organized (Peer Reviewed)


- [W.3] Motti, V., Kohn, S. & **Caine, K. E.** (2014). Wearable Computing: A Human-Centered View of Key Concepts, Application Domains, and Quality Factors. *Proceedings of MobileHCI*.
- [W.2] Connelly, K., **Caine, K. E.**, Siek, K. A., Kientz, J. A., Kutz, D., Hanania, R., Khan, D. U. & Choe, E. Y. (2012). Evaluating Off-the-Shelf Technologies for Personal Health Monitoring: A Hands-On Workshop. *Proceedings of the 14th International Conference on Ubiquitous Computing*.
- [W.1] Lipford, H. R., Wisinewski, P., Lampe, C., Kisselburgh, L., G. & **Caine, K. E.** (2012). Reconciling Privacy with Social Media. *Proceedings of the conference on Computer Supported Cooperative Work (CSCW)*.

Workshop Papers (Lightly Reviewed)

- [w.7] Motti, V. & **Caine, K.** (2015). *Users Privacy Concerns About Wearables: Impact of form factor, sensors and type of data collected*. First Workshop on Wearable Security and Privacy. San Juan, PR
- [w.6]  Lowens, B. Motti, V. & **Caine, K.** (2015). *Design Recommendations to Improve the User Interaction with Wrist Worn Devices*. WristSense: Workshop on Sensing Systems and Applications Using Wrist Worn Smart Devices. St. Louis, MS. [Runner up for Best Paper]
- [w.5] Evans, R. R., Connelly, K., **Caine, K.** & Shankar, K (2013). *DigiSwitch: Who is viewing my daily activity?* Workshop on Home Usable Privacy and Security (HUPS). Newcastle, UK.
- [w.4] Evans, R. R., White, G. E., Soladine M., Connelly, K., & **Caine, K.** (2012). Technologies to support aging-in-place among low-SES urban-dwelling older adults. Workshop on Interactive Systems in Healthcare. Chicago, IL.
- [w.3] Garg, V., Camp, L.J., Connelly, K., Huber, L., Shankar, K. & Caine, K. (2011). *Privacy Framework for Older Adults*. Workshop on Security and Human Behavior, Pittsburgh, PA.
- [w.2] **Caine, K. E.** (2010). *Why Understanding the Psychology of User Privacy is Critical to the Success of Interactive Health Systems*. Workshop on Interactive Systems in Healthcare at the ACM Conference on Computer Human Interaction (SIGCHI) 2010.

- [w.1] **Caine, K. E.** (2009). *Visual Sensing Devices in Home-Care Systems*. Workshop on Security and Privacy in Home Care Systems (SPIMACS) at the ACM Conference on Computer and Communications Security 2009.

Other Published Material

- [O.21] **Caine, K. E.** (December, 2016). *Privacy is Healthy*. Invited Health Department Column in IEEE Pervasive.
- [O.21] **Baxter, K., Courage, C. & Caine, K. E.** (November, 2015). *Evolution of User Experience*. EPIC: Advancing the Value of Ethnography in Industry. <https://www.epicpeople.org/evolution-of-user-experience-research/>
- [O.20] **Caine, K., & Tierney, W.** (2015). Point and Counterpoint: Patient Control of Access to Data in Their Electronic Health Record. *Journal of General Internal Medicine*. 10.1007/s11606-014-3061-0
- [O.19] **Altenhoff, B., Vaigneur, H. & Caine, K. E.** (August, 2014). *Wearable Fitness Trackers: A Comparative Usability Evaluation*. The Human Factors Blog. humanfactorsblog.org/2014/08/28/wearable-fitness-trackers-a-comparative-usability-evaluation/
- [O.18] **Caine, K. & Lesk, M.** (2013). Security and Privacy in Health IT: Guest editors' introduction. *IEEE Security & Privacy* 11 (6), pp. 10 – 11. DOI: 10.1109/MSP.2013.149.
- [O.17] **Caine, K. E., Degges, M. & Holfelner, M.** (2013). Review of the book: *Handbook of Human Factors in Web Design, Second Edition* by Kim-Phuong L. Vu and Robert W. Proctor. *Ergonomics in Design: The Quarterly of Human Factors Applications* 21: 29.
- [O.16] **Pfleeger, S., Rogers, M., Bashir, M., Caine, K., Caputo, D., Losavio, M. & Stolfo, S.** (2012). Does Profiling Make Us More Secure? *IEEE Security & Privacy* 10 (4), pp 10 – 15. DOI: 10.1109/MSP.2012.95.
-  [O.15] **Gundi, M., Degges, M., Monaco, A., Gupta, P. Holfelner, M., Patil, S., & Caine, K.** (November, 2012). *HealthyState: Presenting public health data to promote healthier life choices*. [Abstract]. American Public Health Association 140th Annual Meeting and Exposition, San Francisco, CA. [Best Poster]
- [O.14] **Caine, K. E., & Connelly, K., Selove, R., Shelton, R. & Doub, T. W.** (December, 2011). *Understanding the mHealth Needs of Patients with Depression*. [Abstract] 2011 mHealth Summit. Washington, DC.
- [O.13] **Caine, K. E.** (2010). *Case Study on Privacy Issues Surrounding the Remote Monitoring of Older Adults at Home*. [Abstract]. 2010 mHealth Summit. Washington, DC.
- [O.12] **Lorenzen-Huber, L. M., Camp, J., Connelly, K., Shankar, K., Caine, K. E., Hazelwood, W. H. & Zimmerman, Z.** (2010). A Privacy Framework for Evaluating In-home technologies. [Abstract] *Program abstracts of the 63rd Annual Meeting of the Gerontological Society of America*.
- [O.11] **Caine, K. E.** (2010). *Facebook and Privacy: A Guest Post by Kelly Caine*. The Human Factors Blog. <http://humanfactorsblog.org/2010/05/08/facebook-and-privacy-a-guest-post-by-kelly-caine/>
- [O.10] **Caine, K. E.** (2010). *Designing Ethical Home-Based Technologies for Older Adults*. [Abstract]. 13th Cognitive Aging Conference Abstracts of Paper and Poster Presentations.
- [O.9] **Caine, K. E. Connelly, K., Kientz, J., & Hayes, B.** (2010). The Role of iSchools in Shaping the Future of Health Informatics. Roundtable at the 2010 iConference. Urbana-Champaign, IL. Feb. 3-6, 2010.

- [O.8] **Caine K. E.**, (2009). *Understanding Privacy Behaviors and Disclosures*. Unpublished Dissertation. Georgia Institute of Technology. Atlanta, GA.
- [O.7] **Caine, K. E.** (2009). The relationship of Privacy and Acceptance in Healthcare Technologies. *A Research Agenda for Privacy and Security of Healthcare Technologies*. Indianapolis, IN, Oct. 25 – 27, 2009.
- [O.6] **Caine, K. E.**, Hickman, J.M, Stronge, A. J., Pak, R., (2008). Steps to Effective Communication with Your Health Care Provider. *Signpost: Journal of Dementia and Mental Health Care for Older People*.
- [O.5] Kwasny, M. N., **Caine, K. E.** (2008). Older Adult's Privacy in a Monitored Home. *Signpost: Journal of Dementia and Mental Health Care for Older People*.
- [O.4] **Caine, K. E.**, Fisk, A. D. & Rogers, W. A. (2006). Privacy and Ethical Considerations about Aware Home Technologies for Older Adults. [Abstract] *Program abstracts of the 59th Annual Meeting of the Gerontological Society of America*.
- [O.3] Hickman, J.M., Stronge, A., Pak, R., **Caine, K. E.**, Rogers, W.A. & Fisk, A.D. (2006). *Doctor-patient communication: Exploring the nature of communication problems for an older population* [Abstract]. 11th Cognitive Aging Conference Abstracts of Paper and Poster Presentations.
- [O.2] O'Brien, M.A., **Caine, K. E.**, Seifert, E. A., Rogers, W.A. & Fisk, A.D. (2006). *Developing a model of technology acceptance and aging* [Abstract]. 11th Cognitive Aging Conference Abstracts of Paper and Poster Presentations.
- [O.1] Hickman, J. M., & **Caine, K. E.** (2006). Senior to Senior: Suggestions for Improving Communication Between You and Your Doctor. [Brochure] Available online: www.hfaging.org/senior-to-senior-final.pdf

Technical Reports

- [TR.9] Van Ittersum, K., Rogers, W. A., Capar, M., Murtha, B., Park, S., **Caine, K. E.**, O'Brien, M. A., Parsons, L. J., & Fisk, A. D. (2008). *Understanding technology acceptance follow up report to technology workshop: How "value" is captured by the Technology Acceptance Model* (HFA-TR-0802). Atlanta, GA: Georgia Institute of Technology, School of Psychology, Human Factors and Aging Laboratory.
- [TR.8] Kwasny, M., **Caine, K. E.**, Fisk, A. D. & Rogers, W. A. (2008). *Privacy and technology: Folk definitions and perspectives* (HFA-TR-0806). Atlanta, GA: Georgia Institute of Technology, School of Psychology, Human Factors and Aging Laboratory.
- [TR.7] Rogers, W. A., Fisk, A. D., **Caine, K. E.**, Kwasny, M., Wilkison, B., & Mayer, A. K., & Van Ittersum, K., (2007). *Understanding technology acceptance: Phase III (Part 2) –Communication studies* (HFA-TR-0706). Atlanta, GA: Georgia Institute of Technology, School of Psychology, Human Factors and Aging Laboratory.
- [TR.6] Van Ittersum, K., Rogers, W. A., Capar, M., Park, S., **Caine, K. E.**, O'Brien, M. A., Parsons, L. J., & Fisk, A. D. (2007). *Understanding technology acceptance: Phase III (Part 1) –Quantitative modeling* (HFA-TR-0705). Atlanta, GA: Georgia Institute of Technology, School of Psychology, Human Factors and Aging Laboratory.
- [TR.5] Van Ittersum, K., Rogers, W. A., Capar, M., Park, S., **Caine, K. E.**, O'Brien, M. A., Parsons, L. J., & Fisk, A. D. (2007). *Understanding technology acceptance: Phase II (Part 2) – Refining the quantitative model* (HFA-TR-0704). Atlanta, GA: Georgia Institute of Technology, School of Psychology, Human Factors and Aging Laboratory.

- [TR.4] Hickman, J. M., Stronge, A. J., **Caine, K. E.**, Pak, R., Rogers, W. A., & Fisk, A. D. (2007). *Communication with health care providers: Exploring the nature of communication problems for an older population* (HFA-TR-0702). Atlanta, GA: Georgia Institute of Technology, School of Psychology, Human Factors and Aging Laboratory.
- [TR.3] Van Ittersum, K., Rogers, W. A., Capar, M., Park, S., O'Brien, M. A., **Caine, K. E.**, Parsons, L. J., & Fisk, A. D. (2006). *Understanding technology acceptance: Phase II – Identifying and validating metrics and preliminary testing of a quantitative model* (HFA-TR-0604). Atlanta, GA: Georgia Institute of Technology, School of Psychology, Human Factors and Aging Laboratory.
- [TR.2] Van Ittersum, K., Rogers, W. A., Capar, M., **Caine, K. E.**, O'Brien, M. A., Parsons, L. J., & Fisk, A. D. (2006). *Understanding technology acceptance: Phase I – literature review and qualitative model development* (HFA-TR-0602). Atlanta, GA: Georgia Institute of Technology, School of Psychology, Human Factors and Aging Laboratory.
- [TR.1] Rogers, W.A., Fisk, A.D., & **Caine, K. E.** (2004). *Acceptance of Technology: Need for the Development of a Model* (White Paper for Deere & Company). Atlanta, GA.

PRESENTATIONS

Invited Presentations

- [I.36] **Caine, K. E.** (September, 2016). *The Weakest Link*. Invited presentation at the Washington Area Trustworthy Computing Hour (WATCH) talk series. Washington, DC.
- [I.35] **Caine, K. E.** (April, 2016). *The Role of Technology in Aging in Place*. Invited presentation to Senior Leaders Greenville. Greenville, SC.
- [I.34] **Caine, K. E.** (September, 2015). *Understanding Your Users*. Invited presentation to the Greenville Java Users Group (Green JUG). Greenville, SC.
- [I.33] **Caine, K. E.**, Xu, H., Walker, J. & Marzullo, K. (May, 2015). *Research Priorities and Collaboration Models for Cybersecurity and Privacy in Smart Cities*. Invited panel presentation at the Designed-in Cybersecurity for Smart Cities: A Discussion of Unifying Architectures, Standards, Lessons Learned and R&D Strategies Workshop hosted by the National Institute for Standards and Technology and the Cybersecurity Research Alliance. Gaithersburg, MD.
- [I.32] **Caine, K. E.**, Vagle, J. & Xu, H. (April, 2015). *Generational Differences in End User Responsibility for Privacy*. Invited panel presentation at the Taking Responsibility for One's Own Data Privacy and Security: Is it Possible, and How? Workshop at the University of Pennsylvania Law School. Philadelphia, PA.
- [I.31] **Caine, K. E.** (October, 2014). *Privacy in electronic medical record systems: the patient perspective*. Invited webinar presentation for iDASH at the University of San Diego. San Diego, CA.
- [I.30] **Caine, K. E.**, Breaux, T., Farkas, C., Ford, B. & Liu, L. (September, 2014). *Privacy Panel*. Invited panel presentation at the Clemson Cyberinfrastructure Expo. Clemson, SC. (organizer)
- [I.29] **Caine, K. E.** (January, 2014). *Privacy-Enhanced Technologies to Help Older Adults Age in Place*. Invited presentation at the South Carolina Aging Research Day. Columbia, SC.

- [I.28] **Caine, K. E.** (October, 2013). *A Human-Centered Tool for Enhancing Patient Privacy and Cybersecurity in Electronic Medical Record Systems*. Invited presentation at the Cryptography, Security, and Privacy (CrySP) Research Group at the University of Waterloo. Ontario, Canada.
- [I.27] **Caine, K. E.** (September, 2013). *Using Technology to Help Older Adults Age in Place*. Invited presentation to the Advisory Board of the Institute for Engaged Aging. Clemson, SC.
- [I.26] **Caine, K. E.** (July, 2013). *A Human-Centered Tool for Enhancing Patient Privacy in Electronic Medical Record Systems*. Invited presentation at the PETools Workshop on Privacy Enhancing Tools in conjunction with 13th Annual Privacy Enhancing Technologies Symposium. Bloomington, IN.
- [I.25] **Caine, K. E.** (June, 2013). *Privacy Enhanced Health Information Technologies*. Invited presentation at the Health Privacy Summit. Washington, DC.
- [I.24] **Caine, K. E.** (April, 2013). *Privacy Enhanced Health Information Technologies*. Invited presentation to the Clemson University School of Computing Graduate Student Association. Clemson University, Clemson, SC.
- [I.23] **Caine, K. E.** (March, 2013). *Privacy Enhanced Health Information Technologies*. Invited presentation for the Carolina Chapter of the Human Factors and Ergonomics Society. North Carolina State University Library, North Carolina State University, Raleigh, NC.
- [I.22] **Caine, K. E.** (November, 2012). *The Tradeoff Between Security and Usability*. Invited panel presentation at the Protecting Journalism: Anonymous and Secure Communications for Reporters and Sources. Information Society Project, Yale Law School, Yale University, New Haven, CT.
- [I.21] **Caine, K. E.** (August, 2012). *Raising the Bar: Performing More Effective Cyber Security Studies*. Invited panel presentation at the International Conference on Availability, Reliability and Security (ARES). Prague, Czech Republic.
- [I.20] **Caine, K. E.** (May, 2012). *Policy and Technical Approaches to Health IT Privacy and Security*. Invited panel presentation at the Securing Information Technology in Health Workshop. New Hanover, NH. With Anthony, D., Frisse, M., McGraw, D. & Suchman, M.
- [I.19] **Caine, K. E.** (April, 2012). *Privacy Enhanced Health Technologies*. Invited presentation to the Human Centered Computing Division at Clemson University. Clemson, SC.
- [I.18] **Caine, K. E.** (March, 2012). *Psychological Considerations in Security Profiling*. Invited panel presentation for IEEE Security & Privacy Roundtable on Profiling. West Lafayette, IN.
- [I.17] **Caine, K. E.** (April, 2011). *Careers in Science, Technology, Engineering and Math*. Invited presentation to STEMScholars students at STEMworksIndiana. Indianapolis, IN.
- [I.16] **Caine, K. E.** (March, 2011). *Human Factors in Privacy by Design*. Invited panel presentation at the Berkeley Center for Law and Technology's *Technology: Transforming the Regulatory Endeavor Symposium*. Berkeley, CA.
- [I.15] **Caine, K. E.** (February, 2011). *Women in STEM Careers Panel*. Invited panel presentation at Ivy Tech Community College. Indianapolis, IN.
- [I.14] **Caine, K. E.** (April, 2010). *Privacy Enhanced Technologies for the Health System*. Invited presentation to the Engineering Systems Division at Massachusetts Institute of Technology. Cambridge, MA.

- [I.13] **Caine, K. E.** (March, 2010). *Women in Informatics and Computing (WIC)'s Inspiration Panel*. Invited panel presentation to the School of Informatics and Computing at Indiana University. Bloomington, IN.
- [I.12] **Caine, K. E.** (March, 2010). *Privacy Enhanced Health Technologies to Support Aging in Place*. Invited presentation to the School of Informatics and Computing at Indiana University. Bloomington, IN.
- [I.11] **Caine, K. E.** (February, 2010). *Privacy Enhanced Health Communication Technology to Support Aging in Place*. Invited presentation to the Department of Communication at Michigan State University. East Lansing, MI.
- [I.10] **Caine, K. E.** (December, 2009). *Human Factors Approaches to Preserving Privacy*. Invited presentation to the Center for Education and Research in Information Assurance and Security at Purdue University. West Lafayette, IN.
- [I.9] **Caine, K. E.** (April, 2009). *Everyday Privacy Behaviors: Implications for Design*. Invited presentation to the Center for Applied Cybersecurity Research at Indiana University, Bloomington.
- [I.8] **Caine, K. E.** (July, 2009). *The Importance of Understanding Psychological Privacy in an Aware Home Environment*. Invited presentation to G.P. "Bud" Peterson, President, Georgia Institute of Technology, Atlanta, GA.
- [I.7] **Caine, K. E.** (May, 2009). *The Aware Home: Technology, Science, and Research*. Invited presentation of Aware Home research for gifted middle school students, Atlanta, GA.
- [I.6] **Caine, K. E.** (April, 2009). *Collection and Disclosure of Health Information: A Psychological Perspective*. Invited presentation to Informatics Department at Indiana University, Bloomington, IN.
- [I.5] **Caine, K. E.** (February, 2009). *GVU: Support of the Inter-Disciplinary Center Enables Investigations that Cut Across Technology and Society*. Invited presentation for the Georgia Tech GVU Brown Bag Lecture Series, in honor of Foley Scholar award.
- [I.4] **Caine, K. E.,** (January, 2008). *Academia to Industry: Insight into the Use of Qualitative Methods Across Settings*. Invited presentation to User Insight, Inc. Atlanta, GA.
- [I.3] Scritchfield, R. & **Caine, K.E.** (April, 2007). *Center for Aging Services Technologies: Vision for the Future of Aging Services*. Invited presentation to the Med-e-tel conference for eHealth, Telemedicine and Health ICT. Luxembourg, G.D. of Luxembourg.
- [I.2] Blanson Henkemans, O. A., **Caine, K. E.,** Rogers, W. A., Fisk, A. D., Neerincx, M. A. & de Ruter, B. (April, 2007). *Medical Monitoring for Independent Living: User-centered design of smart home technologies for older adults*. Invited presentation to the Med-e-tel conference for eHealth, Telemedicine and Health ICT. Luxembourg, G.D. of Luxembourg.
- [I.1] Fisk, A. D., & **Caine, K. E.** (March, 2006). *Acceptance of visual sensing devices in an aware home: When people want cameras in their homes*. Invited colloquium presentation to the Clemson HCI group. Clemson, SC.

Presentations

- [P. 58] **Caine, K.**, Cronk, J. & Kenneally, E. (October, 2016). *The Use of Privacy Enhancing Technologies (PETs)*. Panel presentation at the Privacy + Security Forum. Washington, DC.
<https://privacyandsecurityforum.com/the-use-of-privacy-enhancing-technologies/>
- [P.57] **Caine, K. E.** (May, 2016). Local Standards for Sample Size at CHI. *Presented at the Annual Meeting of the SIGCHI conference on Human factors in computing system, San Jose, CA*
- [P.56] *Motti, V. G. & Caine, K. E.* (October, 2015). Micro Interactions and Multi dimensional Graphical User Interfaces in the Design of Wrist-Worn Wearables. *Presented at the Annual Meeting of the Human Factors and Ergonomics Society.*
- [P.55] **Caine, K.**, Anthony, D., Abts, N., Sethumadhavan, A. & Connelly, K. (August, 2015). *Human Factors in the Security and Privacy of Healthcare Technologies*. Panel presentation at HealthTech'15 at the 2015 USENIX Summit on Information Technologies for Health. Washington, DC.
- [P.54] *Motti, V. & Caine, K.* (May, 2015). *Wrist-Worn Interaction: Design Challenges and Opportunities*. Presented at the Georgia Tech Symposium on Design & Wearable Technology. Atlanta, GA.
- [P.53] *Motti, V. & Caine, K.* (January, 2015). *Users Privacy Concerns About Wearables: Impact of form factor, sensors and type of data collected*. Presented at the First Workshop on Wearable Security and Privacy. San Juan, PR.
- [P.52] Anthony, D., **Caine, K.**, Patil, S. & Campos-Castillo, C. (August, 2014). *Sacrificing customers in the name of data? How online privacy policies affect purchase decisions*. Presented at the CITASA Symposium. Berkeley, CA.
- [P.51] Arreola, I., Morris, Z., Francisco, M., Connelly, K., **Caine, K.**, & White, G. (April, 2014). *From Checking On to Checking In: Designing for Low Socio-Economic Status Older Adults*. Presented at the SIGCHI Conference on Human Factors in Computing Systems. Toronto, CA.
- [P.50] **Caine, K.** (March, 2014). *Human-Centered Usable Security and Privacy*. Presentation to Carrie Gates and Tim Brown from Dell. Clemson, SC.
- [P.49] Norcie, G., Blythe, J., **Caine, K. E.**, Camp, L. J. (2014). *Why Johnny Can't Blow the Whistle: Identifying and Reducing Usability Issues in Anonymity Systems*. Presented at the Network and Distributed System Security Symposium (NDSS) Workshop on Usable Security (USEC2014). San Diego, CA.
- [P.48] Barnes, K., **Caine, K. E.**, Connelly, K. & Siek, K. (May, 2013). *Understanding the Needs of Low SES Patients with Type 2 Diabetes*. Presented at the 7th International Conference on Pervasive Computing Technologies for Healthcare. Venice, Italy.
- [P.47] **Caine, K. E.** (April, 2013). *Consumer Engagement in Health Technologies*. Presented at the ACM Conference on Computer Human Interaction (SIGCHI) 2013. Paris, France.
- [P.46] Alpert, S., **Caine, K.**, Tierney, W. & Goodman, K. (2012). *Aspiring to Awesome: Ethics, Human Factors, and Technology for Patient Granular Control*. American Medical Informatics Association Annual Meeting. Chicago, IL.
- [P.45] Gundi, M., Degges, M., Monaco, A., Gupta, P. Holfelner, M., Patil, S., & **Caine, K.** (November, 2012). *HealthyState: Presenting public health data to promote healthier life choices*. American Public Health Association 140th Annual Meeting and Exposition, San Francisco, CA. [Best Poster Award]

- [P.44] White, G, Connelly, K & **Caine, K. E.** (September, 2012), *Opportunities for ubiquitous computing in the homes of low SES older adults*. Presented at the 14th International Conference on Ubiquitous Computing (Ubicomp 2012). Pittsburgh, PA.
- [p.43] Norcie, G., **Caine, K. E.**, Camp, L. J. (July, 2012). *Eliminating Stop-Points in the Installation and Use of Anonymity Systems: A Usability Evaluation of the Tor Browser Bundle*. Presented at the 5th Workshop on Hot Topics in Privacy Enhancing Technologies (HotPETs 2012) in conjunction with the 12th Privacy Enhancing Technologies Symposium. Vigo, Spain.
- [P.42] Michalik, N., **Caine, K. E.** & Connelly, K., (May, 2012), *Mobile Technology Ownership and Usage Patterns Among Patients Suffering from Depression*. Presented at the 6th International Conference on Pervasive Computing Technologies for Healthcare. San Diego, CA.
- [P.41] **Caine, K. E.** & Hanania, R. (March, 2012), *Patient Preferences for Granular Control Over Personal Health Information in EMRs*. Presented at the Human Factors and Ergonomics Society Symposium on Human Factors and Ergonomics in Healthcare. Baltimore, MD.
- [P.40] **Caine, K. E.**, Šabanović, S., & Carter, M. E. (March, 2012). *The Effect of Monitoring by Cameras and Robots on the Privacy Enhancing Behaviors of Older Adults*. Presented at the 7th ACM/IEEE International Conference on Human Robot Interaction (HRI). Boston, MA.
- [P.39] **Caine, K. E.**, & Connelly, K., Selove, R., Shelton, R. & Doub, T. W. (December, 2011). *Understanding the mHealth Needs of Patients with Depression*. Presented at the 2011 mHealth Summit. Washington, DC.
- [P.38] Huber, L., Borrero, L., Walker, B. A., Shankar, K., **Caine, K. E.**, Connelly, K., & Camp, L. J. (November, 2011). *How Older Adults Use Information Technology to Reduce Caregiver Burden*. Presented at the Gerontological Society of America 64th Annual Scientific Meeting, Boston, MA.
- [P.37] **Caine, K. E.**, & Morrison, D. P. (August, 2011). *Electronic Health Records in Community-Based Behavioral Health Clinical Practice*. Presented at the 119th Annual Meeting of the American Psychological Association. Washington, DC.
- [P.36] Kisselburgh, L.G., **Caine, K. E.**, & Lareau, L. (November, 2011). *Audience visualization influences online social network disclosures*. Presented at the National Communication Association, New Orleans, LA. [27% acceptance rate]
- [P.35] **Caine, K. E.**, Zimmerman, C. Y., Schall-Zimmerman, Z, Hazelwood, W. R., Sulgrove, A. C., Camp, L. J., Connelly, K. H., Lorenzen-Huber, L. M., & Shankar, K. (November, 2010). *DigiSwitch: Design and Evaluation of a Device for Older Adults to Preserve Privacy While Monitoring Health at Home*. Presented at the annual meeting of the ACM SIG on International Health Informatics. Arlington, VA.
- [P.34] Luther, K., **Caine, K. E.**, Ziegler, K. & Bruckman, A. (November, 2010). *Why It Works (When It Works): Success Factors in Online Creative Collaboration*. Presented at the Annual meeting of the ACM SIG GROUP. Sanibel Island, FL.
- [P.33] **Caine, K. E.**, Poole, A. B., Fisk, A. D. & Rogers, W. A. (September, 2010). *Errors of Disclosure in Computer Mediated Systems*. Presented at the Annual Meeting of the Human Factors and Ergonomics Society, San Antonio, TX.
- [P.32] **Caine, K. E.** (April, 2010). *Designing Ethical Home-Based Technologies for Older Adults*. Poster presented at the 13th Cognitive Aging Conference. Atlanta, GA

- [P.31] **Caine, K. E.** (April, 2010). *Why understanding the psychology of user privacy is critical to the success of interactive health systems*. Poster presented at the Workshop on Interactive Systems in Healthcare at the ACM Conference on Computer Human Interaction (SIGCHI) 2010.
- [P.30] **Caine, K. E.** (November, 2009). *The Role of Video in Home and Health Care*. Paper presented at the workshop for Security and Privacy in Medical and Home-Care Systems at the 2009 ACM Conference Computer and Communications Security (CCS 2009). Chicago, IL.
- [P.29] **Caine, K. E.** (October, 2009). *Case Study of a Mobile Health Application for a Chronically Ill, Low-Literacy Population*. Paper presented at the 2009 mHealth Summit. Washington, DC.
- [P.28] Luther, K., Ziegler, K., **Caine, K. E.**, & Bruckman, A. (October, 2009). *Predicting Successful Completion of Online Collaborative Animation Projects*. Poster presented at the 2009 ACM Conference on Creativity & Cognition (C & C 2009). Berkeley, CA.
- [P.27] **Caine, K. E.** (August, 2009). *Misclosure*. Presentation to the Privacy Enhancing Technologies Symposium (PETS), Seattle, WA.
- [P.26] **Caine, K. E.** (April, 2009). *Disclosure and Collection of Health Information: A Psychological Perspective*. Presentation to the Cognitive Aging Group at Georgia Institute of Technology.
- [P.25] **Caine, K. E.**, Burnham, K. E., Fisk, A. D. & Rogers, W. A. (September, 2008). *The Effects of Immediate Experience with Technology on Privacy Concerns and Disclosure Behavior in a Health Setting*. Paper presented at the Human Factors and Ergonomics Society 52nd Annual Meeting. New York, NY.
- [P.24] **Caine, K. E.**, Fisk, A. D. & Rogers, W. A. (August, 2008). *Digital Divides: Age, Health, Race, and Income in Health-Related Search*. Paper presented at the Annual Meeting of the American Psychological Association, Boston, Massachusetts.
- [P.23] **Caine, K. E.**, Kwasny, M. N., Fisk, A. D. & Rogers, W. A. (April, 2008). *Privacy and Technology: Folk Definitions and Perspectives*. Poster presented at CHI 2008: Conference on Human Factors in Computing Systems. Florence, Italy.
- [P.22] Wyche, S. P., **Caine, K. E.**, Davison, B., Arteaga, M. & Grinter, B. (April, 2008). *Sun Dial: Exploring Techno-Spiritual HCI through a Mobile Islamic Call to Prayer Application*. Poster presented at CHI 2008: Conference on Human Factors in Computing Systems. Florence, Italy.
- [P.21] **Caine, K. E.**, (January, 2008). *Eye-tracking: Applications in Industry Settings*. Presentation to the User Experience Professional Seminar at Georgia Institute of Technology. Atlanta, GA
- [P.20] **Caine, K. E.**, Fisk, A. D. & Rogers, W. A.. (October, 2008). *Designing Privacy Conscious Aware Homes for Older Adults*. Paper presented at the Human Factors and Ergonomics Society 51st Annual Meeting. Baltimore, MD.
- [P.19] **Caine, K. E.**, (August, 2008). *Privacy Heuristics*. Tech Talk at Google, New York, NY.
- [P.18] **Caine, K. E.**, (July, 2007). *User Experience: At Google and Beyond*. Tech Talk at Google, New York, NY.

- [P.17] **Caine, K. E.**, Rogers, W.A. & Fisk, A.D. (March, 2007). *Technology Acceptance: Key Characteristics for Designing Successful Emerging Technologies for Older Adults*. Poster presented at the American Association of Homes and Services for the Aging's (AAHSA) Future of Aging Services Conference. Washington, DC.
- [P.16] **Caine, K. E.**, Fisk, A. D. & Rogers, W. A. (November, 2006). *Privacy and Ethical Considerations about Aware Home Technologies for Older Adults*. Paper presented at the Gerontological Society of America Annual Meeting. Houston, TX.
- [P.15] **Caine, K. E.**, Fisk, A. D. & Rogers, W. A. (October, 2006). *Benefits and privacy concerns of a home equipped with a visual sensing system: A perspective from older adults*. Paper presented at the Human Factors and Ergonomics Society 50th Annual Meeting. San Francisco, CA.
- [P.14] **Caine, K. E.**, O'Brien, M. A., Park, S., Rogers, W. A., Fisk, A. D., Van Ittersum, K., Capar, M. & Parsons, L. J. (October, 2006). *Understanding acceptance of high technology products: 50 years of research*. Paper presented at the Human Factors and Ergonomics Society 50th Annual Meeting. San Francisco, CA.
- [P.13] Hickman, J.M, **Caine, K. E.**, Stronge, A., Pak, R., Rogers, W. A., & Fisk, A.F. (October, 2006) *Doctor-Patient Communication: Exploring Patient And Doctor-Side Solutions for Improvements*. Paper presented at the Human Factors and Ergonomics Society 50th Annual Meeting. San Francisco.
- [P.12] Park, S., O'Brien, M. A., **Caine, K. E.**, Rogers, W. A., Fisk, A. D., Van Ittersum, K., Capar, M. & Parsons, L. J. (October, 2006). *Acceptance of computer technology: understanding the user and the organizational characteristics*. Paper presented at the Human Factors and Ergonomics Society 50th Annual Meeting. San Francisco, CA
- [P.11] **Caine, K. E.**, (August, 2006). *Password, Please: Insights into User-Centered Anti-Phishing Solutions*. Tech Talk at Google, Mountain View, CA.
- [P.10] Hickman, J.M., Stronge, A., Pak, R., **Caine, K. E.**, Rogers, W.A. & Fisk, A.D. (April, 2006). *Doctor-patient communication: Exploring the nature of communication problems for an older population*. Poster presented at the 10th Cognitive Aging Conference. Atlanta, GA.
- [P.9] O'Brien, M.A., **Caine, K. E.**, Rogers, W.A. & Fisk, A.D. (April, 2006). *Developing a model of technology acceptance and aging*. Poster presented at the 10th Cognitive Aging Conference. Atlanta, GA..
- [P.8] **Caine, K. E.** & Hargrove, W. (March, 2006). *Rwandan Coffee Stakeholders: Need for and Familiarity with ICT Solutions*. Poster presented at the Sam Nunn Policy Forum on The Impact of Information and Communication Technologies on Economic Development, National Competitiveness and Social Justice, Atlanta, GA.
- [P.7] **Caine, K. E.**, Hargrove, W. & Sun, M. (March, 2006). *Information and Communication needs of Rwandan Coffee Stakeholders*. Presentation to the Macarthur/Nunn Security Fellows, Georgia Institute of Technology, Atlanta, GA.
- [P.6] **Caine, K. E.** (March, 2006). *Cameras in the home: Older adults have concerns but also see benefits*. Paper Presented to the Cognitive Aging Group at Georgia Institute of Technology.
- [P.5] Fisk, A. D., Sanchez, J., **Caine, K. E.**, & Ezer, N. (October, 2005). *Acceptance of Technology: Trust, Privacy Concerns, and the Decision making process*. Paper presented at the Scripps 6th Long-Term Care Conference and SAGE Federation's 3rd National Conference emphasis on New Models of Long-Term Caring. Dublin, OH.

- [P.4] **Caine, K. E.**, Rogers, W. A., & Fisk, A. D. (September, 2005). *Privacy Perceptions of an Aware Home with Visual Sensing Devices*. Paper presented at the Human Factors and Ergonomics Society 49th Annual Meeting. Orlando, FL.
- [P.3] **Caine, K. E.**, Nichols, T. A., Fisk, A. D. & Rogers, W. A. (September, 2005). *Age-Related Differences in Learning Incidental Environmental Information*. Paper presented at the Human Factors and Ergonomics Society 49th Annual Meeting. Orlando, FL.
- [P.2] **Caine, K. E.** (February, 2005). *Privacy – Uncovering the factors that affect the perception of privacy in a home equipped with a visual sensing device*. Presentation to the Cognitive Aging Group at Georgia Institute of Technology.
- [P.1] Vendemia, J.M.C., **Caine, K. E.**, & Evans, J. (September, 2003). *QEEG analysis of convicted murders*. Paper presented at the 11th Annual meeting of the International Society for Neuronal Regulation. Houston, TX.

PATENTS

- [PA.2] Soghoian, C. & **Caine, K. E.** (2012). Anti-Phishing System and Method. US Patent # 8220047
- [PA.1] Arteaga, M., **Caine, K. E.**, Davison, B. & Wyche, S. P. (2006). Mobile Device to Enhance Islamic Prayer.*

SELECTED MEDIA COVERAGE

- [M.29] PAUL BASKIN, **The Chronicle of Higher Education** (Feb, 2017) "Cybersecurity, Rising: Working to meet a national shortage of computer-safety personnel, colleges find customers and complications" <http://www.chronicle.com/article/Cybersecurity-Rising/239270>
- [M.28] SCOTT AMYX, **Information Week** (Jun, 2015) "Data Privacy Playbook For Wearables And IoT" <http://www.informationweek.com/mobile/mobile-devices/data-privacy-playbook-for-wearables-and-iot/a/d-id/1320690>
- [M.27] ANDY GREEBERG, **Wired** (Apr, 2015) "Chrome can now warn users who type gmail password in dumb places" <http://www.wired.com/2015/04/google-chrome-password-alert/>
- [M.26] RAJIV LEVENTHAL, **Behavioral Healthcare** (Feb, 2015) "Patients prefer texting over mHealth apps for treating mental illness" http://www.behavioral.net/news-item/patients-prefer-texting-over-mhealth-apps-treating-mental-illness?utm_campaign=Feed%3A+BehavioralHealthcareMagazine+%28Behavioral+Healthcare+Magazine%29&utm_medium=feed&utm_source=feedburner
- [M.25] CHRIS WELLER, **Medical Daily** (Jan, 2015) "Texting May Aid Mental Illness Recovery Better Than Smartphone Apps" <http://www.medicaldaily.com/texting-may-aid-mental-illness-recovery-better-smartphone-apps-320070>
- [M.24] STAFF, **Healio** (Jan, 2015) "Patients prefer control over clinically sensitive data in EHRs" <http://www.healio.com/internal-medicine/practice-management/news/online/%7B77ec181c-c881-4596-92d1-96a880203b44%7D/patients-prefer-control-over-clinically-sensitive-data-in-ehrs>
- [M.23] Krystle Vermes, **Pharmacy Times** (Dec, 2014) "Half of All Patients Hide EMR Information" <http://www.pharmacytimes.com/news/Half-of-All-Patients-Hide-EMR-Information>
- [M.22] STAFF, **Council & Heal** (Dec, 2014) "1 in 2 Patients Keep Secrets from Their Doctors, Study" <http://www.counselheal.com/articles/13800/20141217/1-2-patients-keep-secrets-doctors-study.htm#ixzz3MMI9uwpJ>
- [M.21] STAFF, **News-Medical** (Dec, 2014) "Study finds almost half of patients withhold sensitive information in electronic medical records" <http://www.news-medical.net/news/20141218/Study-finds-almost-half-of-patients-withhold-sensitive-information-in-electronic-medical-records.aspx#commentblock>
- [M.20] ANDREA PETERSON, **Washington Post** (May, 2014) "Just Because the Elevator Doors Are Closed Doesn't Mean You're Alone" <http://www.washingtonpost.com/blogs/the-switch/wp/2014/09/08/just-because-the-elevator-doors-are-closed-doesnt-mean-youre-alone/>
- [M.19] ANNA SIMON, **SCETV's Your Day** (August, 2014) "Smart Jewelry" <http://yourdayradio.com/archives/YDAudioarch/YD140804/140804d.mp3>
- [M.18] DENA HEADLESS, **NSF Science Now** (June, 2014) "The Future in Wearable Technology" <http://science360.gov/obj/video/5b11cb64-04c3-4326-811b-1867f6a1b4ee/nsf-science-now-episode-24>
- [M.17] APRIL MORRIS, **Greenville Journal** (May, 2014) "Smart Accessories" <http://www.greenvillejournal.com/life-culture/3241-smart-accessories.html>

- [M.16] IGOR KOSOV, **Law360** (May, 2014) “‘The Password Is Dead,’ Microsoft Cybersecurity Partner Says” <http://www.law360.com/articles/541566/-the-password-is-dead-microsoft-cybersecurity-partner-says>
- [M.15] CRAIG TIMBERG AND SARAH HALZACK, **Washington Post** (May, 2014) “Right to be forgotten vs. free speech.” http://www.washingtonpost.com/business/technology/right-to-be-forgotten-vs-free-speech/2014/05/14/53c9154c-db9d-11e3-bda1-9b46b2066796_story.html
- [M.14] JUDY MOTTL, **Fierce Mobile Healthcare** (May, 2014) “mHealth jewelry enables wearers to manage multiple wireless health devices.” <http://www.fiercemobilehealthcare.com/story/mhealth-jewelry-enables-wearers-manage-multiple-wireless-health-devices/2014-05-02>
- [M.13] STAFF, **The Greenville News** (April, 2014) “Notable: Caine Named to the Tech Advisory Board of the Freedom of the Press.” <http://www.greenvilleonline.com/story/news/local/pickens-county/2014/04/30/pickens-county-accomplishments/8511715/>
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- [M.11] STAFF, **NewsMedical** (April, 2014) “Researchers reveal computational jewelry to support mobile health applications.” <http://www.news-medical.net/news/20140430/Researchers-reveal-computational-jewelry-to-support-mobile-health-applications.aspx>
- [M.10] DAVID CARR, **Information Week** (December, 2013) “Hackers Outsmart Pacemakers, Fitbits: Worried Yet?” http://www.informationweek.com/healthcare/security-and-privacy/hackers-outsmart-pacemakers-fitbits-worried-yet/d/d-id/1113000?image_number=7
- [M.9] CELIA BROWN, **Forbes** (November, 2013) “Geek Chic: Wearables for Fashionistas.” <http://www.forbes.com/sites/sap/2013/11/09/geek-chic-wearables-for-fashionistas/>
- [M.8] EPHRAIM SCHWARTZ, **mHealthNews** (November, 2013) “The next big thing in fashion: mHealth jewelry.” <http://www.mhealthnews.com/news/next-big-thing-fashion-mhealth-jewelry>
- [M.7] NEIL VERSEL, **Mobihealthnews** (October, 2013) “Dartmouth, Clemson test ‘computational jewelry’ for body monitoring.” <http://mobihealthnews.com/26918/dartmouth-clemson-test-computational-jewelry-for-body-monitoring/>
- [M.6] ANDERS THORESSON, **Forskning & Framsetg (Research & Progress)** (October, 2013) “Ditt bästa lösenord är undermedvetet (Your Best Password is One Even You Don’t Know).” <http://fof.se/tidning/2013/9/artikel/ditt-basta-losenord-ar-undermedvetet>
- [M.5] DANIEL WAGNER, **Associated Press** (January, 2012) “Swartz’ death fuels debate over computer crime”. <http://www.google.com/hostednews/ap/article/ALeqM5g7d28WaQjHkaFssxfj-VyrOAUpcg?docId=f7f447ce92674029b28cd933c4a05bc9>
- [M.4] CRAIG TIMBERG, **Washington Post** (September, 2012) “Romney Video Shows Collapse of Private Spaces”. http://www.washingtonpost.com/business/economy/romney-video-shows-collapse-of-private-spaces/2012/09/18/e3b4313c-01ba-11e2-b260-32f4a8db9b7e_story.html
- [M.3] AMY NOVOTHNEY, **gradPSYCH** (November, 2011) “Mixing it up :What are the pros and cons of aligning yourself with a hybrid field?” <http://www.apa.org/gradpsych/2010/11/cover-mixing.aspx>

[M.2] HANSI LO WANG, **National Public Radio (NPR)** (July, 2011) “Hunting For A Password That Only You Will Know”. www.npr.org/2011/07/25/138672758/hunting-for-a-password-that-only-you-will-know

[M.1] HILARY STOUT, **New York Times**, (July, 2010) “Technologies Help Adult Children Monitor Aging Parents”. <http://www.nytimes.com/2010/07/29/garden/29parents.html?pagewanted=all>

RESEARCH FUNDING

Funding Summary

- \$9 million as PI, Co-PI or Investigator
- Awards from NSF (CNS & IIS), ONC/HHS, I3P & Clemson

Agency (Org)	Title	Amount (total)	Amount (Caine)	Role	Year
NSF (CNS)	ABR: Collaborative research: Computational Jewelry for Mobile Health (1565268)	\$396,419	\$106,084 ^a	Co-PI	2016 – 2018
NSF (CNS)	CSR:Large:Collaborative Research:Smart earpiece for supporting healthy eating behaviors (1619950)	\$1,457,622	\$187,323 ^a	Co-PI	2016 – 2018
NSF (CNS)	CI-New: Collaborative Research: HomeSHARE - Home-based Smart Health Applications across Research Environments (1629437)	\$505,159	\$14,455 ^a	PI	2016 – 2019
NSF (CNS)	Studying Journalists to Identify Requirements for Usable, Secure, and Trustworthy Communication (1513875)	\$561,246	\$304,924 ^a	PI	2015 - 2017
NSF (IIS)	Privacy-aware Collaborative Data Sharing in Human-centered Social Networks (1527421)	\$499,767	\$166,589 ^a	Co-PI	2015- 2018
NSF (CNS)	HomeSHARE – Home-Based Smart Health Applications Across Research Environments (1405723)	\$99,301	\$10,967 ^b	PI	2014 – 2015
Clemson	TIGER: Smart Transportation Energy System Program	\$10,000	\$2,500 ^a	Co-PI	2014 - 2015
NSF (CNS)	Computational Jewelry for Mobile Health (1314342)	\$1,500,026	\$250,000 ^a	Co-PI	2013 - 2016
NSF (REU)	""	\$24,680	\$12,340 ^a	Co-PI	2014
NSF (IIS)	Privacy-Enhanced Technologies to Support Underserved Older Adults Age in Place (1117860)	\$499,944	\$249,972 ^a	PI/Co-PI ^c	2011 – 2015
NSF (REU)	""	\$15,960	\$7,980 ^a	PI/Co-PI ^c	2015
NSF (REU)	""	\$16,000	\$8,000 ^a	PI/Co-PI ^c	2014
NSF (REU)	""	\$37,600	\$18,800 ^a	PI/Co-PI ^c	2013
NSF (CNS)	Crowdsourcing Security (1228364)	\$366,610	\$114,275 ^a	PI/Co-PI ^c	2012 – 2015
ONC HIT	Aspiring to Awesome: Advanced Query for Patient Care (90HT0054/01)	\$1,718,439	\$47,441 ^b	PI/Co-I ^c	2011 – 2014
I3P	Privacy Frameworks (2006-CS-001-000001)	\$1,200,000	\$150,250 ^a	PI/Co-PI ^c	2011 – 2013

^a As percent of work

^b Sub-contract portion only

^c PI at Clemson; at time of award (at Indiana) Co-PI or Co-I

SERVICE

Advisory Board

- Dean's Adviosry Board, Clemson University 2015, 2016
- Mozilla, Cyber Security Advisory Board 2014, 2015
- Freedom of the Press Foundation, Technical Advisory Board 2014, 2015
- Open Technology Fund, Secure Usability Fellowship Advisory Board 2015
- Cybersecurity Task Force, Clemson University 2016
- University of Maryland and Institute of Museum and Library Services 2016

Editorship

- Guest Editor: *IEEE Security & Privacy* (Special Issue on Health IT) 2013

Editorial Board

- Journal of Privacy Enhancing Technologies (JPET) 2014

Technical Program Committee Chair

- HotPETS: Program Co-chair 2014, 2015
- HFES Healthcare Symposium: Track Co-chair (Health IT) 2013
- HFES: Program Chair, Aging Technical Group 2011, 2012
- Pervasive Health: Doctoral Consortium Co-chair 2011, 2012
- SIGHIT: ACM Conference on Health Informatics: Demo/Poster Co-chair 2012

Technical Program Committee

- CHI WiP: ACM Conference on Computer Human Interaction 2012, 2013, 2014
- Grace Hopper 2015
- EuroUSEC: European Workshop on Usable Security 2016
- HealthTech: USENIX Workshop on Health Technology 2015
- HFES: Healthcare Symposium 2012, 2014
- HotPETS: Workshop on Hot Topics in Privacy Enhancing Technologies 2014
- NordiCHI: Workshop on Designing Self-care for Everyday Life 2014
- PervasiveHealth: International Conference on Pervasive Computing for Health 2013
- PETools Workshop on Privacy Enhancing Technologies 2013
- PETS: Privacy Enhancing Technologies Symposium 2014, 2015
- SPIMACS: Workshop on Security and Privacy in Medical Systems (w/ACM CCS) 2010
- USENIX Security 2012
- EuroUSEC: European Workshop on Usable Security 2016
- WPES: Workshop on Privacy in the Electronic Society 2014

Organizing & Community Chair

- HFES: Chair, Aging Technical Group 2015, 2016
- CHI: Co-chair, Health Community 2012, 2013
- HFES: Morning Maddness: Founder and Co-chair 2010, 2011, 2012

Reviewing (Grant Funding)

- National Science Foundation Panelist 2012 – 2014; 2016
- Swiss National Science Foundation (SNSF) 2017
- Indiana CTSI Sustainable and Collaborative Informatics Projects 2012
- Institute for Information Infrastructure Protection (I3P) 2011

Reviewing (Journals)

- Communications of the ACM 2012
- Engineering Applications of Artificial Intelligence 2011

- Human Computer Interaction 2013
- IEEE Security & Privacy 2011-2014
- IIE Transactions on Occupational Ergonomics and Human Factors 2013, 2014
- Information Technologies and International Development (ITID) 2007
- Information Systems Research 2014, 2015
- Interacting with Computers 2010
- Journal of the American Society for Information Science and Technology 2010
- Journal of Computer Mediated Communication 2012
- Journal of Medical Systems 2011, 2012
- Journal of the American Medical Informatics Association 2011, 2013, 2016
- Journal of the American Society for Information Science and Technology 2010
- Personal and Ubiquitous Computing Journal 2014
- Transactions on Computer-Human Interaction (TOCHI) 2013, 2014

Reviewing (Conference Proceedings & Workshop Papers)

- AMIA: American Medical Informatics Association Annual Symposium 2012
- CHI: ACM Conference on Computer Human Interaction 2008- 2016
- CSCW: ACM Conference on Computer Supported Collaborative Work 2013, 2014
- CSCW: Workshop on Measuring Networked Social Privacy 2013
- DIS: ACM Conference on Designing Interactive Systems 2012
- Grace Hopper: Security & Privacy Track 2015
- HFES: Healthcare Symposium 2013, 2014
- HFES: Human Factors and Ergonomics Society 2005-2016
- HotPETS: Workshop on Hot Topics in Privacy Enhancing Technologies 2014
- PervasiveHealth: International Conference on Pervasive Computing for Health 2013
- PETools Workshop on Privacy Enhancing Technologies 2013
- SIGHIT: ACM Conference on Health Informatics 2012
- SOUPS: Symposium on Usable Security & Privacy 2013, 2014
- UbiComp: ACM Conference on Ubiquitous Computing 2014
- USENIX Security 2012

Reviewing (Awards)

- CHI Student Research Competition 2012
- HFES Aging TG Best Student Paper Award 2012
- HFES Healthcare TG Best Student Paper Award 2011
- HFES mHealth Design Competition 2015
- NCWIT: Awards for Aspirations in Computing 2011

Reviewing (Judging)

- Judge, Women in Science Research Competition, Indiana University 2012
- Judge, UROC Poster Competition, Indiana University 2012

Other Professional Service

- I3P: Institute for Information Infrastructure Protection
 - Senior Research Fellow 2012 – 2014
 - Executive Committee 2012
 - Principal Representative 2011, 2012
- Consortium for Education and Social Science Research Workshop in Methods
 - Faculty Advisory Board Member 2010 – 2012
- Undergraduate Women in Computing, Indiana University
 - Advisor 2011
- HFES: Aging Technical Group
 - Secretary/Treasurer 2009, 2010

- Informatics and Computing Research Scholar's Program
 ▪ Mentor 2009 – 2011
- Human Factors and Ergonomics Society – Atlanta Chapter
 ▪ Treasurer 2004 - 2008

PROFESSIONAL SOCIETY MEMBERSHIPS

American Association for the Advancement of Science (AAAS), 2012 – Present
Association of Computing Machinery, 2007 – Present
ACM SIGCHI, 2007 – Present
Human Factors and Ergonomics Society, 2004 – Present