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## EDUCATION

- PhD, Information Studies, University of California Los Angeles, 2011
- Masters in Library & Information Science (MLIS), University of California Los Angeles, 2007
- B.A., Oberlin College, 2003

## ACADEMIC APPOINTMENTS

- Assistant Professor, College of Information Studies, University of Maryland, College Park, 2011-2016.
- Associate Professor, College of Information Studies, University of Maryland, College Park, 2016-present.

## PUBLICATIONS

### Articles in Refereed Journals

- Shilton, K. (Accepted). Engaging Values Despite Neutrality: Challenges and Approaches to Values Reflection During the Design of Internet Infrastructure. *Science, Technology & Human Values*.
- Greene, D. & Shilton, K. (2017). Platform Privacies: Governance, Collaboration, and the Different Meanings of 'Privacy' in iOS and Android Development. *New Media & Society* (online first).
- Shilton, K. & Greene, D. (2017). Linking Platforms, Practices, and Developer Ethics: Levers for Privacy Discourse in Mobile Application Development. *Journal of Business Ethics* (online first).
- Shilton, K., Burke, J.A., Claffy, K.C., & Zhang, L. (2016). Anticipating Policy and Social Implications of Named Data Networking. *Communications of the ACM*, 59(12).
- Shilton, K. & Anderson, S. (2016). Blended, not Bossy: Ethics Roles, Responsibilities, and Expertise in Design. *Interacting With Computers*. (Special issue on Co-Constructing Meaning: Ethics Matter(s) in Design Research).
- Martin, K. & Shilton, K. (2016). Putting Mobile Application Privacy in Context: An Empirical Study of Consumer Privacy Expectations for Mobile Devices. *The Information Society*, 32(3).
- Shilton, K. (2015). Anticipatory ethics for a future Internet: analyzing values during the design of an Internet infrastructure. *Science and Engineering Ethics*, 21(1), 1-18.
- Martin, K. & Shilton, K. (2015). Why Experience Matters To Privacy: How Context-Based Experience Moderates Consumer Privacy Expectations for Mobile Applications. *Journal of the Association for Information Science and Technology*, 67(8), 1871-1882.
- Jaeger, P., Cooke, N., Feltis, C., Hamiel, M., Jardine, F. & Shilton, K. (2015). The Virtuous Circle Revisited: Injecting Diversity, Inclusion, Rights, Justice, and Equity into LIS from Education to Advocacy. *The Library Quarterly*, Special Issue: Diversity and Library Information Science Education, Vol. 85, No. 2: 150-171.

- Krontiris, I., Langheinrichz, M. & Shilton, K. (2014). Trust and Privacy in Mobile Experience Sharing - Future Challenges and Avenues for Research. *IEEE Communications*.
- Mun, M. Y., Kim, D. H., Shilton, K., Estrin, D., Hansen, M., & Govindan, R. (2014). PDVLoc: a personal data vault for controlled location data sharing. *ACM Transactions on Sensor Networks*, 10(4).
- Shilton, K., Koepfler, J. & Fleischmann, K. (2013). Charting Sociotechnical Dimensions of Values for Design Research. *The Information Society*, 29(5), 259-271.
- Shilton, K. (2013). Values Levers: Building Ethics into Design. *Science, Technology & Human Values*, 38(3), 374 – 397.
- Shilton, K. (2012). Participatory Personal Data: An Emerging Research Challenge for the Information Sciences. *Journal of the American Society for Information Science & Technology*, 63(10), 05–1915.
- Kang, J., Shilton, K., Estrin, D., Burke, J., & Hansen, M. (2012). Self-Surveillance Privacy. *Iowa Law Review*, 97(3), 809-847.
- Shilton, K. (2010). Participatory Sensing: Building Empowering Surveillance. *Surveillance & Society*, (special issue on Surveillance and Empowerment), 8(2), 131-150. (ASIST Social Informatics Best Student Paper Award, 2011).
- Shilton, K. (2009). Four billion little brothers?: privacy, mobile phones, and ubiquitous data collection. *Communications of the ACM*, 52(11), 48-53.
- Shilton, K. & Srinivasan, R. (2007). Participatory Appraisal and Arrangement for Multicultural Archival Collections. *Archivaria*, 63, 87-101.

### **Refereed Conference Proceedings**

- Bowser, A., Shilton, K., Warrick, E., & Preece, J. (2017). Accounting for Privacy in Citizen Science: Ethical Research in a Context of Openness. *Proceedings of the 20th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2017)*, Portland, OR: ACM.
- Vitak, J., Shilton, K., and Ashktorab, Z. (2016). Beyond the Belmont Principles: Ethical Challenges, Practices, and Beliefs in the Online Data Research Community. *Proceedings of the 19th ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2016)*, San Francisco, CA: ACM.
- Shilton, K. and Greene, D. (2016). Because Privacy: Navigating Privacy in iOS Development. *Proceedings of the 2016 iConference*. Philadelphia, PA.
- Shilton, K. & Sayles, S. (2016). Ethical Practices and Challenges in Research on Digital and Social Media. *Proceedings of the 49th Hawaii International Conference on System Sciences (HICSS 2016)*. Kauai, HI: IEEE. (Nominated for a best paper award).
- Snyder, J., Shilton, K. & Anderson, S. Observing The Materiality of Values in Information Systems Research. *Proceedings of the 49th Hawaii International Conference on System Sciences (HICSS 2016)*. Kauai, HI: IEEE. (Nominated for a best paper award).
- Shilton, K. (2015). “That’s Not An Architecture Problem!”: Techniques and Challenges for Practicing Anticipatory Technology Ethics. *Proceedings of the 2015 iConference*. Newport Beach, CA.

- Shilton, K., Koepfler, J. & Fleischmann, K. (2014). How to See Values in Social Computing: Methods for Studying Values Dimensions. *Proceedings of the 17th ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2014)*, Baltimore, MD: ACM.
- Shilton, K. & Martin, K. (2013). Mobile Privacy Expectations in Context. *Proceedings of the 41th Research Conference on Communication, Information and Internet Policy (TPRC 2013)*, Arlington, VA.
- Shilton, K. & Koepfler, J. (2013). Making Space for Values: Communication & Values Levers in a Virtual Team. *Proceedings of the 6th International Conference on Communities & Technologies (C&T 2013)*, Munich, Germany: ACM.
- Koepfler, J., Shilton, K. & Fleischmann, K. (2013). A stake in the issue of homelessness: Identifying values of interest for design in online communities. *Proceedings of the 6th International Conference on Communities & Technologies (C&T 2013)*, Munich, Germany: ACM.
- Shilton, K., Kurtz, M., Ambacher, B., Mitchell, E., Oard, D. & Weeks, A. (2013). Bridging By Design: The Curation and Management of Digital Assets Specialization at the University of Maryland. *Proceedings of Framing the Digital Curation Curriculum*, Florence, Italy.
- Jaeger, P., Bertot, J. C. and Shilton, K. (2012). Access Perspectives and Design Values in Government Social Media Usage. *Proceedings of the 13th International Digital Government Research Conference (dgo 2012)*, College Park, MD: ACM.
- Shilton, K. (2010). Technology Development with an Agenda: Interventions to Emphasize Values in Design. *Proceedings of the Annual Meeting of the American Society for Information Science & Technology (ASIS&T)*, Pittsburgh, PA: ACM.
- Mun, M., Hao, S., Mishra, N., Shilton, K., Burke, J., Estrin, D., Hansen, M., & Govindan, R. (2010). Personal Data Vaults: a locus of control for personal data streams. *Proceedings of the 6th International Conference on emerging Networking EXperiments and Technologies (CoNEXT)*, Philadelphia, PA: ACM.
- Reddy, S., Shilton, K., Denisov, G., Cenizal, C., Estrin, D., & Srivastava, M. (2010). Biketastic: Sensing and Mapping for Better Biking. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI 2010)*, Atlanta, GA: ACM.
- Shilton, K., Burke, J., Estrin, D., Hansen, M., Govindan, R., & Kang, J. (2009). Designing the Personal Data Stream: Enabling Participatory Privacy in Mobile Personal Sensing. *Proceedings of the 37th Research Conference on Communication, Information and Internet Policy (TPRC)*, Arlington, VA.
- Mun, M., Reddy, S., Shilton, K., Yau, N., Burke, J., Estrin, D., Hansen, M., Howard, E., West, R., Boda, P. (2009). PEIR, the personal environmental impact report, as a platform for participatory sensing systems research, In *Proceedings of the International Conference on Mobile Systems, Applications, and Services*, Krakow, Poland.
- Shilton, K., Ramanathan, N., Reddy, S., Samanta, V., Burke, J., Estrin, D. Hansen, M., & Srivastava, M. (2008). Participatory design of sensing networks. *Proceedings of the 10<sup>th</sup> Conference on Participatory Design (PDC)*, Bloomington, IN: ACM.
- Srinivasan, R., & Shilton, K. (2006). The South Asian web: an emerging community information system in the South Asian diaspora. *Proceedings of the 9th Conference on Participatory Design: Expanding Boundaries in Design*, Trento, Italy: ACM.

### **Non-Refereed Conference Proceedings**

- Shilton, K. (2014). Anticipatory Ethics for Emerging Information Technologies: Techniques and Challenges. *Proceedings of Computer Ethics: Philosophical Inquiry (CEPE)*, Paris, France.

### **Book Chapters**

- Shilton, K. (2016). When They Are Your Big Data: Participatory Data Practices as a Lens on Big Data. In Sugimoto, C., Ekbia, H., and Mattioli, M. (Eds.), *Big Data is Not a Monolith*. Cambridge, MA: MIT Press, 21-30.
- Shilton, K. (2013). This is an Intervention: Foregrounding and operationalizing ethics during technology design. In Kenneth Pimple (Ed.), *Emerging Pervasive Information and Communication Technologies (PICT): Ethical Challenges, Opportunities and Safeguards*. London: Springer, 177-192.
- Jaeger, P. T., Bertot, J. C., & Shilton, K. (2012). Information policy and social media: Framing government-citizen Web 2.0 interactions. In Reddick, C. & Aikins, S. (Eds.), *Web 2.0 Technologies and Democratic Governance: Political, Policy & Management Implications*. London: Springer, 11-25.

### **Professional Publications**

- Shilton, K., Burke, J., Claffy, K.C., Duan, C., & Zhang, L. (2014). A World on NDN: Affordances & Implications of the Named Data Networking Future Internet Architecture. NDN Technical Reports, Los Angeles, CA.
- Shilton, K. & Estrin, D. (2012). Ethical Issues in Participatory Sensing. *CORE Issues in Professional and Research Ethics*, 1. University of Illinois.  
<https://nationalethicscenter.org/content/article/177>
- Shilton, K. (2009). Four billion little brothers? Privacy, mobile phones, and ubiquitous data collection. *ACM Queue*, 7(7).
- Goldman, J., Shilton, K., Burke, J., Hansen, M., Ramanathan, N., Reddy, S., Samanta, V., Srivastava, M., West, R. (2009). Participatory Sensing: A citizen-powered approach to illuminating the patterns that shape our world. Woodrow Wilson International Center for Scholars, Washington, DC.
- Nguyen, L. & Shilton, K. (2008). Tools for Digital Humanists. In Sorich, D., *A Survey of Digital Humanities Centers in the United States*. Council on Library and Information Resources, Washington, D.C.
- Shilton, K., Burke, J., Estrin, D., Hansen, M., & Srivastava, M. (2008). Achieving Participatory Privacy Regulation: Guidelines for CENS Urban Sensing. Center for Embedded Network Sensing Technical Reports, Paper 62, Los Angeles, CA.
- Shilton, K. (2008). Review: Cross-Cultural Perspectives on Knowledge Management, edited by David J. Pauleen. *InterActions: UCLA Journal of Education & Information Studies*, 4(1).

### **Creative Works**

- Burke, J., Shilton, K., & Acker, A. (2012). ReCoding Innovation: Ethics as a Creative Force in Science & Engineering. Served as a co-author and host for two documentary short films funded by the National Science Foundation IIS-1033026. Available at <http://recodinginnovation.org/>.

## AWARDS, HONORS AND RECOGNITION

### Sponsored Research

#### National Science Foundation

- **PI: CCE STEM: Standard: Collaborative: The Development of Ethical Cultures in Computer Security Research**, National Science Foundation, Award SES-1634509. Co-PIs Megan Finn, Jevin West, & Franziska Roesner, Sep 2016-Aug 2020, \$163,768.
- **Co-PI: III: Small: Safely Searching Among Sensitive Content**, National Science Foundation, Award IIS-1618695, PI Douglas Oard, co-PI Jimmy Lin, Sep 2016-Aug 2019, \$215,059.
- **PI: CAREER: Finding Levers for Privacy and Security by Design in Mobile Development**, National Science Foundation, Award CNS-1452854, Sep 2015 – Aug 2020, \$499,139.
- **PI: CCE STEM: Cultivating Ethical Computing in Mobile and Wearable Application Research & Development**, National Science Foundation, Award SES-1449351, co-PIs Susan Winter and Adam Porter, Jan 2015-Dec 2018, \$605,753.
- **Co-PI: SAVI: Collaborative Research: Fostering New Collaborations in Open Online Community Data Research**. National Science Foundation, Award IIS-1449188, PIs Sean Goggins and Susan Winter, co-PI Brian Butler, Aug 2014-Jul 2016, \$104,996.
- **PI: NETS: From Intentional to Enacted Values in a Future Internet Architecture: Values in the Next Phase of Named Data Networking Research**, National Science Foundation, Award CNS-1421876, co-PI Jeffrey Burke, Oct 2014 – Sept 2017, \$273,032.
- **PI: EAGER: Privacy in Citizen Science: An Emerging Concern for Research & Practice**, National Science Foundation, Award SES-1450625, co-PIs Anne Bowser and Jennifer Preece, Sep 2014 – Aug 2016, \$181,047.
- **Co-PI, INSPIRE Track 2: Public Health, Nanotechnology, and Mobility (PHeNoM)**, National Science Foundation, (subaward from Cornell University) Award CBET-1343058, PI David Erickson, co-PIs Aydogan Ozcan, Deborah Estrin, Tanzeem Choudhury, and Saurabh Mehta, Sep 2014 – Aug 2019, \$459,861.
- **PI: Values in the Design of the Named Data Networking Architecture**, National Science Foundation, Supplement to Award CNS-1040868, Sep 2011 – Aug 2014, \$148,056.

#### Department of Defense

- **Co-PI and Task Lead: Establishing a Science of Security Research Lablet at the University of Maryland**: Task: Understanding Developers' Reasoning about Privacy and Security, Contract H98230-C-0137, U.S. Department of Defense, Mar 2014 – Feb 2015, \$152,786.

#### Private Gifts

- **PI: Security Beliefs and Emerging Internet Architectures**, Verisign, Dec 2015, \$25,000.
- **PI: Valuing Privacy and Security: Understanding Privacy and Security Choices in Mobile Application Development**, Google Faculty Research Award, Sep 2014, \$44,044.

#### University of Maryland

- **PI: Mobile Privacy Expectations in Context**, University of Maryland ADVANCE Program, Co-investigator Kirsten Martin, Period: Apr 2014 – Mar 2015, \$27,700.

#### Fellowships

- 2013: Faculty Lilly Fellow, University of Maryland's Center for Teaching Excellence.
- 2011: Women's Institute in Summer Enrichment Fellowship, Team for Research in Ubiquitous Secure Technology (TRUST) Institute, Carnegie Mellon University, travel award.
- 2009: UCLA Collegium of University Teaching Fellows.

#### Research Awards

- **Semester Research and Teaching Award**, University of Maryland, September 2017, \$10,000.
- **Research prize**: University of Oxford, Observatory on Responsible Research and Innovation in ICT, 2013.
- **Summer Research and Teaching Award**, University of Maryland, June 2012, \$9000.
- **ASIST Social Informatics Best Student Paper Award**, 2011. Awarded for the paper "Participatory Sensing: Building Empowering Surveillance."
- **iConference Best Poster Award**, 2011. Awarded for the poster "Building Values into the Design of Pervasive Mobile Technologies."
- **UCLA Information Studies Best Dissertation Proposal Award**, 2009.
- **Best paper**, 4th International Symposium on Location and Context Awareness, 2009. Awarded for the paper "Using Context Annotated Mobility Profiles to Recruit Data Collectors in Participatory Sensing," coauthored with Sasank Reddy.

#### Teaching Awards

- **Students' Choice Faculty Award**, University of Maryland, College of Information Studies, 2014.

### TALKS AND WORKSHOPS

#### Invited Talks

- Shilton, K. (October 2016). "Platforms and Data Cultures: Contrasting Privacy Discourses in Mobile Application Development." Data & Society Small Group Meeting, New York, NY.
- Shilton, K. (September 2016). "Changing Practices in Big Data Research Ethics." Workshop on Collaboration as Big Data Ethics, Virginia Tech, Arlington, Va.

- Shilton, K. (May 2016). "I'm very concerned regarding the privacy of my users:" Influences on Privacy as a Professional Practice in Mobile Application Development, Hale Ethics Lecture Series, Rochester Institute of Technology, Rochester, NY.
- Shilton, K. (February 2016). Data ethics in software development: How mobile app developers do privacy, iSchool Research Conversation, University of Washington, Seattle, WA.
- Shilton, K. (December 2015). Emerging Ethics Norms in Social Media Research. Future of Privacy Forum workshop "Beyond IRBs: Designing Ethical Review Processes for Big Data," Washington, DC.
- Shilton, K. (December 2015). Towards Privacy Self-Governance in the Mobile Sector. Princeton Center for Information Technology Policy Seminar Series, Princeton, NJ.
- Shilton, K. (October 2015). Ethics Self-Governance in the Mobile Sector. University of California, Berkeley I School Dean's Lecture Series, Berkeley, CA.
- Shilton, K. (October 2015). Ethics Discourse in the Mobile Sector. Indiana University Information and Library Science Colloquium, Bloomington, IN.
- Shilton, K. (May 2015). Research Ethics for Open Online Data. UCLA IS 262A: Data Management and Practice, Los Angeles, CA.
- Shilton, K., Punzalan, R., & Munoz, T. (April 2015). Ethics, Rights, Data Management. Researching Ferguson Teach-In Series, College Park, MD.
- Crowston, K., Bailey, D., Hayes, G., Lee, C., and Shilton, K. (March 2015). Panel: Finding Federal Funding. iConference 2015, Newport Beach, CA.
- Shilton, K. (January 2015). STS Data Sharing Systems. NSF Data Management Workshop, Washington, DC.
- Shilton, K. (June 2014). Participant-observation and intervention in computer ethics. Plenary panel: Celebrating 30 years of Computer Ethics, Computer Ethics: Philosophical Inquiry (CEPE) 2014, Paris, France.
- Martin, K. & Shilton, K. (April 2014). How Trust Impacts Privacy Expectations for Mobile Apps. Future of Privacy Forum Academic Workshop, Washington, DC.
- Shilton, K. (April 2014). Social Justice: From Education to Advocacy. Plenary panel: Symposium on Diversity in LIS Education, College Park, MD.
- Shilton, K. (January 2014). Big data, categories and fairness. Plenary Panel: NSF Workshop on Social, Economic and Workforce Implications of Big Data Analytics and Decision-Making, Washington, DC.
- Shilton, K. (July 2013). Participatory Sensing and Social Justice. Plenary at the My Life, Shared: Trust and Privacy in the Age of Ubiquitous Experience Sharing seminar, Schloss Dagstuhl, Germany.
- Shilton, K. (April 2013). Finding Values Levers in the Design of Emerging Technologies. Digital Dialogue talk, Maryland Institute for Technology in the Humanities (MITH), College Park, MD.
- Shilton, K. (October 2012). Privacy and Ethics for Pervasive Data Collection. Plenary: 11th Annual C3 (Cyberethics, Cybersafety & Cybersecurity) Conference, College Park, MD.
- Shilton, K. (August 2012). Participatory Personal Data. 2012 Summer Social Webshop, College Park, MD.
- Shilton, K. (December 2011). Ethics in Mobile Sensing Research. PRIM&R Advancing Ethical Research Conference, National Harbor, MD.

- Shilton, K. (November 2011). Teaching Ethics in the Lab: Values Levers in Design. Arizona State University Congress on Teaching the Social and Ethical implications of Research, Tempe, AZ.
- Shilton, K. (October 2011). Participatory Sensing: Building Empowering Surveillance. American Society for Information Science & Technology Special Interest Group Social Informatics (SIG SI) Workshop, New Orleans, LA.
- Shilton, K. (June 2011). Social Justice and the Design of Mobile Sensing Systems. Panel: Values in Infrastructure and Design, State of Science & Justice: Conversations in Honor of Susan Leigh Star, Santa Cruz, CA.
- Shilton, K. (April 2009). Participating in Privacy: Enabling Disclosure and Discretion in Mobile Sensing. Harvard University's Center for Research on Computation and Society seminar series, Cambridge, MA.
- Shilton, K. (January 2008). Because the Stakes are Higher: Ethics in Participatory Urban Sensing. UCLA CENS Seminar Series, Los Angeles, CA.

### **Refereed Presentations**

- Shilton, K. (October 2015). Ethical praxis during design of a future Internet architecture. Annual Meeting of the Society for Social Studies of Science (4S 2015), Denver, CO.
- Neal, J. & Shilton, K. (April 2012). Theorizing Future Internet Architectures: Values in the Design of Named Data Networking. Theorizing the Web Conference, College Park, MD.
- Shilton, K. (October 2009). Personalized Discovery or iSurveillance? Ethics and Innovation in Mobile Sensing. Annual Meeting of the Society for Social Studies of Science (4S), Washington, D.C.
- Shilton, K. (August 2008). Ethics in the Digital Archive: Balancing Privacy, Participation, and Representation. 72nd Annual Meeting of the Society of American Archivists, San Francisco, CA.
- Shilton, K., Burke, J., Estrin, D., Hansen, M., & Srivastava, M. (April 2008). Participatory Privacy in Urban Sensing. MODUS 2008, St. Louis, MO.
- Shilton, K. (March 2008). Privacy and Participation in Ubiquitous Information Systems: Information Ethics When Mobile Phones are Sensors. Third Annual iConference: iFutures: Systems, Selves, Society, Los Angeles, CA.
- Shilton, K. (October 2007). Forgetting and the Browser: Technologies of Attention and Forgetting in Public Reading Rooms. Annual Meeting of the Society for Social Studies of Science, Montreal, Canada.
- Shilton, K. (June 2007). Authoring the Archive. Society of California Archivists Annual Meeting, Long Beach, CA.

### **Refereed Abstracts**

- Shilton, K. and Green, D. (2016). Platforms and the Privacy Ecosystem: The Construction of Privacy in iOS and Android Development. Privacy Law Scholars Conference, Washington, DC.
- Shilton, K., Goggins, S., Butler, B. & Winter, S. (2015). Research Ethics for Open Online Community Data: A Case Study of Human Subjects Research Online. Workshop on Ethics for Studying Sociotechnical Systems, 18<sup>th</sup> Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2015). Vancouver, BC.



- Martin, K. & Shilton, K. (2014). Trust as a Factor in Privacy Expectations: How experience and trust moderate consumer privacy expectations for mobile applications. Privacy Law Scholars Conference, Washington DC.
- Koepfler, J., Stark, L., Dourish, P., Sengers, P. & Shilton, K. (2014). Values & Design in HCI Education. ACM CHI Conference on Human Factors in Computing Systems (CHI 2014), Toronto, CA.
- Shilton, K. (2012). Values Levers in Design. Workshop on Methods for Accounting for Values in Human-Centered Computing, CHI 2012, Austin, TX.
- Shilton, K. (2013). Social Values in a Future Internet: Analyzing the Named Data Networking Protocols, Research Paper Development Roundtable, 2013 iConference, Denton, TX.
- Reddy, S., Shilton, K., Burke, J., Estrin, D., Hansen, M., & Srivastava, M. (2008). Evaluating Participation and Performance in Participatory Sensing. UrbanSense Workshop, Sensys 2008. Raleigh, NC.

### **Refereed Posters**

- Shilton, K. (2011). Building Values into the Design of Pervasive Mobile Technologies. iConference 2011, Seattle, WA, ACM. (Best poster award).

### **Refereed Panels**

- Pimple, K., Miller, K., Searing, D. & Shilton, K. (2014). Ethics and Pervasive ICT. Panel presented at IEEE Ethics 2014. Chicago, IL.
- Erickson, I., Eschenfelder, K., Goggins, S., Hemphill, L., Sawyer, S., Shankar, K., & Shilton, K. (2014). The Ethos and Pragmatics of Data Sharing. Panel presented at the 17th ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2014). Baltimore, MD.
- Zimmer, M., Shilton, K., Brunton, F., & Mulligan, D. (2013). Values Interventions: Ethics Scholarship in Action. Panel presented at the 2013 iConference. Fort Worth, TX.
- Bertot, J. C., Caidi, N., Gorham, U., Jaeger, P. T., & Shilton, K. (2012). Ten Years Later: Information and Policy in the Aftermath of 9/11. Panel presented at the Annual Meeting of the American Society for Information Science & Technology (ASIS&T). Baltimore, MD.
- Shilton, K. and Fleichmann, K. (2012). Data Management & Human Values Fishbowl. Interactive panel at the 2012 iConference, Toronto, Canada.
- Blanchette, J.-F., Ratto, M. & Shilton, K. (2011). Design Methods for the Information School Curriculum. Panel presented at the 2011 iConference. Seattle, WA.
- Blanchette, J.-F. & Shilton, K. (2011). Design Methods for the LIS Curriculum. Panel presented at the Annual Meeting of the Association for Library and Information Science Education (ALISE). San Diego, CA.
- Shilton, K., Attwood, D., Baker, M., Estrin, D., & McCall, G. (2010). Mobile Phones: Resisting Surveillance. Panel presented at Computers, Freedom & Privacy (CFP) 2010, San Jose, CA.

### **Non-Refereed Panels**

- Koepfler, J. A., Shilton, K. and Flesichmann, K.(2012). Introduction to Designing for Human Values. Panel presented at the 29th Annual Human-Computer Interaction Lab Symposium. College Park, Maryland.
- Shilton, K. (2011). Moderator, Wireless and Society. Panel presented at the 2011 Telecommunications Policy Research Conference (TPRC), Arlington, VA.

### Symposia

- St. Jean, B., Shilton, K. & Butler, B. (2012). Self-Tracking is Social: Toward a Model of the Technologically-Mediated Information Behavior of Self-Trackers. Presented at the 8th Annual Social Informatics Research Symposium (SIG SI) - Social Informatics: Past, Present and Future, Baltimore, MD.
- Reddy, S., Shilton, K. Estrin, J., Burke, J., Hansen, M., & Srivastava, M. (2009). Using Context Annotated Mobility Profiles to Recruit Data Collectors in Participatory Sensing. 4th International Symposium on Location and Context Awareness, Tokyo, Japan. (Best paper award).

### Workshops

- Shilton, K. (2016) Invited speaker, 2016 Workshop on Social Facets of Big Data. San Luis Obispo, CA.
- Shilton, K. (2016). Invited moderator, 2016 International Workshop on Privacy Engineering – IWPE'16. San Jose, CA.
- Fleischmann, K., Shilton, K., Nathan, L., & Erickson, I. (2015). Values as Generative Forces in Design. Led workshop for the iConference 2015, Newport Beach, CA.
- Shilton, K. (2015). Workshop on Ethics for Studying Sociotechnical Systems. Participated in workshop for the 18th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2015), Vancouver, BC.
- Shilton, K. (2015). Moments of Praxis in Design: Development Work, Theory & Political Action. Panel presentation at the 2015 Human Computer Interaction Consortium (HCIC) workshop, Watsonville, CA.
- Shilton, K. (2015). Privacy Case Studies and Commentaries. Invited respondent and participant, CCC Privacy Enabling Design Workshop hosted by the Computing Community Consortium, Atlanta, GA.
- Goggins, S., Million, A., Butler, B., Jullien, N., Shilton, K. & Winter, S. (2015). Led the Online Collaborative Data Factory workshop. Copenhagen, Denmark.
- Shilton, K. (2015). Invited respondent, Designing Algorithmic Decision Processes for Governance and Oversight, Privacy Law Scholars Conference. Berkeley, CA.
- Shilton, K. (2015). Invited participant, Engineering Privacy Workshop, hosted by the Computing Community Consortium. Pittsburgh, PA.
- Shilton, K. (2014). Invited participant, Human Computation Roadmap Summit, hosted by the Woodrow Wilson International Center for Scholars. Washington, DC.
- Shilton, K. (2013). Invited panelist, Cybersecurity Education Workshop, Rutgers University CCICADA Center. Online participation.
- Shilton, K. (2013). Invited participant, My Life, Shared: Trust and Privacy in the Age of Ubiquitous Experience Sharing, Dagstuhl Seminar. Schloss Dagstuhl, Germany.

- Shilton, K. (2013). Invited participant, DigitalSTS and Design Workshop. Boston, MA.
- Shilton, K. (2013). Invited participant, Privacy Law Scholars Conference. Berkeley, CA.
- Shilton, K. (2012). Invited participant, CSST 2012 Summer Research Institute for the Science of Socio-Technical Systems, Santa Fe, NM.
- Shilton, K. (2012). Invited participant, Privacy Law Scholars Conference, Washington DC.
- Shilton, K. (2012). Invited participant, NSF Knowledge Infrastructures Workshop, Ann Arbor, MI.
- Shilton, K. (2010). Invited participant, Privacy Law Scholars Conference, Washington DC.
- Shilton, K. (2010). Invited participant, Values in Design Workshop 2010, New York, NY.
- Shilton, K. (2009). Invited participant, Workshop on Ethics in Science and Engineering: Redefining Tools and Resources, Amherst, MA.
- Shilton, K. (2009). Invited participant, Workshop on Surveillance and Empowerment, Nashville, TN.
- Shilton, K. (2009). Invited participant, Workshop on Integrating Microethics and Macroethics in Graduate Science and Engineering Education, Mesa, AZ.
- Shilton, K. (2007). Graduate assistant organizer, Workshop on Designing for Forgetting and Exclusion, Los Angeles, CA.

## **TEACHING, MENTORING AND ADVISING**

### **Courses Taught at the University of Maryland**

- **Information Ethics**, online format. Enrollment: Fall 2013 - 20; Fall 2014 -14; Fall 2015 - 21.
- **Information Policy**, seminar, online and hybrid formats. Enrollment: Fall 2011 - 3; Spring 2012 - 4; Spring 2013 online - 19; Spring 2013 hybrid - 12.
- **Policy Issues in Digital Curation**. Enrollment: Spring 2014 - 26; Spring 2015 - 17. Online format for post-master's certificate students. Enrollment: Fall 2015 - 14.
- **Archival Principles, Practices and Programs**. Enrollment: Fall 2012 - 30; Fall 2013 - 26.
- **Doctoral Research**. Enrollment: Fall 2012 - 2; Spring 2013 - 2; Fall 2013 - 2; Spring 2014 - 3; Fall 2014 - 1; Spring 2015 - 1; Fall 2015 - 2.

### **Courses Taught at the University of California, Los Angeles**

- **Mobile Technologies: Participation and Surveillance**. Seminar format. Enrollment: Spring 2010 - 15.

### **Teaching Innovations**

#### **Major Programs Established**

- **MLS/MIM specialization**: Co-lead the design and implementation of a new specialization in Curation and Management of Digital Assets.
- **Professional education**: Assisted development of a post-master's certificate program in Curation and Management of Digital Assets.

## Course or Curriculum Development

- **UMD INST 641-CT: Policy Issues in Digital Curation**, 2013. Led the design of this new course for both post-master's certificate program students.
- **UMD INST 641: Policy Issues in Digital Curation**, 2013. Led the design of this new course for both MLS and MIM degree students.
- **UMD INST 645: Personal Digital Curation**, 2013. Led the design of this new course for both MLS and MIM degree students.
- **UMD INST 791: Applying Principled Inquiry**, 2011. Assisted in developing topics and suggesting readings for this new MLS core course.

## Advising

### Doctoral

- Jes A. Koepfler, Values and self-presentation in online communication by stakeholders related to homelessness. (2014). College of Information Studies. Adviser. Hired as Director, Design Research & Strategy at Intuitive Company, Philadelphia PA.
- Karen Boyd, PhD student, 2015-present, adviser.
- Sarah Anderson, PhD student, 2014-present, adviser.
- Donal Heidenblad, PhD student, 2012-present, adviser.
- Lloyd Beers, PhD Student, 2012-2016, adviser.
- Amalia Levi, PhD Student, 2011-2015, co-adviser.
- Chad Doran, Examination of the Management of Social Media Records at a Federal Executive Agency, (2015). College of Information Studies. Dissertation committee member.
- Susan Copeland Wilson, e-Government Meets the Poverty Threshold: Issues for the Economically Disadvantaged. (2014). College of Information Studies. Dissertation committee member.
- Dana Rotman, Collaborative Science Across the Globe: The Influence of Motivation and Culture on Volunteers in the United States, India and Costa Rica. (2013). College of Information Studies. Dissertation committee member.
- Zahra Ashktorab, A Study of Cyberbullying Detection and Mitigation on Instagram (2015). College of Information Studies. Dissertation committee member.
- Lesley Langa, Cultural Information Policy: A Discussion of the Relationship Between Museums and Audiences. (2014). College of Information Studies. Dissertation committee member.
- Daniel Greene, Digital Bootstraps: Social Mobility and the Politics of Internet Access. (2013). American Studies. Dissertation committee member.
- Elizabeth Warrick, 2015, first year review committee member.
- Zahra Ashktorab, 2014, first-year review committee member.
- Yurong He, 2013, first-year review committee member.
- Kim Glasgow, 2013, first-year review committee member.
- Ursula Gorham Oscilowski, 2012, first-year review committee member.

- Anne Bowser, 2012, first-year review committee member.

## **SERVICE AND OUTREACH**

### **Service to the Academy**

- Member, ACM SIGCHI working group on research ethics, 2016 - present.
- Member, advisory board, Electronic Privacy Information Center (EPIC), 2016 – present.
- Member, Values in Design Council for Future Internet Architectures (FIA) – Next Phase, 2014-2017.

### **Leadership Roles in Meetings and Conferences**

- Chair, 2017 Hawaii International Conference on System Sciences mini-track on Values, Politics & Power in Digital Infrastructures. (With Jaime Snyder and Matthew Bietz).
- Co-Chair, Value-Based ICT Innovation and Design track, 2016 European Conference on Information Systems. (With Sarah Spiekermann and Bernd Carsten Stahl).
- Advisory board member, Consortium for the Science of Sociotechnical Systems (CSST), 2015-present.
- Program committee member, 2015 Workshop on Small Data Experimentation (sdX): Opportunities, Challenges, and Infrastructure. New York, NY.
- Executive committee member, 2013 Personal Digital Archiving Conference, College Park, MD.
- Co-Chair, ASIS&T Student Design Competition, 2011 and 2012.
- Planning committee Member, 2010 Workshop on Ethical Guidance for Research and Application of Pervasive and Autonomous Information Technology (PAIT). Bloomington, IN.

### **Editorships**

- Special Issue Editor (2015). *The Library Quarterly*, Special Issue on Information and Social Justice: Connecting Values, Ethics, and Human Rights. With Paul T. Jaeger and Jessica A. Koepfler.

### **Editorial Boards**

- Editorial Board Member, *The Library Quarterly*, 2012-2014.
- Editorial Board Member, *Interactions: UCLA Journal of Education and Information Studies*, 2006 – 2011.
- Editorial Board Member, *Information Assurance and Security Ethics in Complex Systems: Interdisciplinary Perspectives*. IGI Press, 2010.

### **Reviewing Activities for Journals and Presses**

- *Journal of Business Ethics*, 2016.
- *Journal of Empirical Research on Human Research Ethics*, 2016.
- *Big Data & Society*, 2016.

- *Internet Policy Review*, 2016.
- *Journal of the American Society for Information Science & Technology (JASIST)*, 2013- 2016.
- *The Information Society*, 2012-2016.
- *Transactions on Computer-Human Interaction*, 2015-2016.
- *Communication Theory*, 2015.
- *Social Studies of Science*, 2015.
- *The Handbook of Science and Technology Studies*, 4th Edition. Edited by Ulrike Felt, Ray Fouché, Clark A. Miller, and Laurel Smith-Doerr. The MIT Press. 2015.
- *The Library Quarterly*, 2015.
- *Interacting With Computers*, 2015.
- *Human-Computer Interaction Journal*, 2015.
- *Science & Engineering Ethics*, 2014-2016.
- *New Media & Society*, 2012 and 2015.
- *Science, Technology & Human Values*, 2013-2014.
- *Surveillance & Society*, 2012 and 2014.
- Polity Press Digital Media & Society series, 2013.
- *Government Information Quarterly*, 2013.
- *Ethics and Information Technology*, 2012.
- *Journal of Systems and Software*, 2011.
- *InterActions: UCLA Journal of Education & Information Studies*, 2006-2011.

### **Reviewing Activities for Conferences**

- Security/Privacy Track, Grace Hopper Celebration of Women in Computing, 2016.
- Computer-Human Interaction (CHI), 2012-2016. Special recognition for reviewing, 2016.
- Computer-Supported Cooperative Work (CSCW), 2011-2017. Special recognition for reviewing, 2017.
- Participatory Design Conference, 2008, 2012, and 2014.
- iConference, 2008-2012.
- Computer Ethics: Philosophical Enquiry, (CEPE 2014), 2014.
- ASIS&T metareviewer, 2014.
- ASIS&T Social Informatics SIG Best Paper Award, 2013.
- 18th Americas Conference on Information Systems, 2012.
- ASIST, 2011.

### **Reviewing Activities for Agencies and Foundations**

- U.S. Department of Health and Human Services, Administration for Community Living, National Institute on Disability, Independent Living, and Rehabilitation Research, panel reviewer, 2016.
- National Science Foundation, panel reviewer, 2012, 2014, 2015.
- National Science Foundation, ad-hoc reviewer, 2016.
- Israel Science Foundation, ad-hoc reviewer, 2015.
- IWT-Flanders (Belgian Agency for Innovation in Science and Technology), ad-hoc reviewer, 2014 and 2015.

- UMD ADVANCE Seed grant program, ad-hoc reviewer, 2014.
- Austrian Science Fund (FWF), ad-hoc reviewer, 2014.

### **Other**

- McGannon Center at Fordham University Book Award, 2015. Served on the review committee for this award focused on social and ethical relevance in communications policy research.

### **Leadership in the UMD iSchool**

- Doctoral program chair, 2016-present.
- Mentor to Drs. Ricardo Punzalan and Jessica Vitak (junior faculty), 2016-present.
- Director, 2015-2016. Center for the Advanced Study of Communities and Information (CASCI). A multidisciplinary research network to facilitate research and education that advances our understanding of technology, information, and organization approaches to support learning, facilitate innovation, transform science and scholarship, promote economic development, and enhance individual and civic well-being.
- Theory reading group organizer, 2013-2015, Center for the Advanced Study of Communities and Information (CASCI).

### **External Service and Consulting**

- Consultant for Ethical Resolve, 2017-present. Projects included ethics training for Facebook employees.
- Consultant on cybersecurity and cyberethics education, Calvert Hall College High School, Baltimore, MD, 2013.