

## Emilee Rader

### Curriculum Vitae

Communication Arts & Sciences  
404 Wilson Road, Room 409  
East Lansing, MI 48824-1212  
emilee@msu.edu  
<https://emileerader.com>

Office: 517-432-1334 | Fax: 517-355-1292 | Mobile: 847-514-0481

### APPOINTMENTS

- 2017- *Associate Professor and AT&T Scholar*  
Department of Media and Information, College of  
Communication Arts & Sciences, Michigan State University
- 2011-17 *Assistant Professor and AT&T Scholar*  
Department of Media and Information, College of  
Communication Arts & Sciences, Michigan State University
- 2010-11 *Assistant Professor*  
Department of Communication Studies, School of  
Communication, Northwestern University
- 2009-10 *Computing Innovation Fellow*  
Center for Technology and Social Behavior, Northwestern University
- 1999-04 *Senior Human Factors Scientist*  
User Centered Solutions Lab, Motorola Labs

### EDUCATION

- Ph.D., Information (Fall 2009)*  
School of Information, University of Michigan
- Master of HCI (August 1999)*  
Human Computer Interaction Institute, Carnegie Mellon University
- B.S., Psychology (Fall 1995)*  
University of Wisconsin at Madison (Graduated with Distinction)

### GRANTS AND FELLOWSHIPS

Title / Source	Period	Amount
TWC: <i>Small: Designing a Coordination Mechanism for Managing Privacy as a Common-Pool Resource</i> National Science Foundation (CNS-1524296) Role: PI	2015-2021	\$463,107

<b>Title / Source</b>	<b>Period</b>	<b>Amount</b>
<i>Workshop on Trustworthy Algorithmic Decision-Making</i> National Science Foundation (CNS-1748381) Role: PI	2017-2018	\$93,909
<i>III: HCC: Small: Effects of Automated Information Selection and Presentation in Online Information Systems</i> National Science Foundation (IIS-1217212) Role: PI REU supplement 2013: \$16,000	2012-2017	\$486,093
<i>TC: Small: Collaborative Research: Influencing Mental Models of Security</i> (joint with Dr. Rick Wash) National Science Foundation (CNS-1115926) Role: PI REU Supplement 2015: \$8,000 REU Supplement 2014: \$8,000 REU Supplement 2013: \$8,000 REU Supplement 2012: \$16,000	2011-2017	\$241,589
<i>Computing Innovation Fellowship</i> Computing Research Association (CRA) and NSF (in conjunction with CNS-0937060)	2009-2010	\$140,000

## PEER-REVIEWED PUBLICATIONS

Except where noted by \* or \*\*, Dr. Rader made substantial contributions to each publication in all of the following areas: 1) project administration, including securing funding and resources; 2) research conception, design, and development; 3) data collection; 4) data analysis and interpretation; and 5) manuscript drafting and preparation. Undergraduate student coauthors are denoted by <sup>†</sup> and graduate student coauthors are denoted by <sup>‡</sup>.

Wash, R., Nthala, N., and **Rader, E.**<sup>\*\*</sup> (2021). Knowledge and Capabilities that Non-Expert Users Bring to Phishing Detection. *SOUPS 2021*. Acceptance rate 26%.

Wash, R. and **Rader, E.** (2021). Prioritizing Security over Usability: Strategies for How People Choose Passwords. *Journal of Cybersecurity*, 7(1). doi: 10.1093/cybsec/tyab012

**Rader, E.**, Hautea, S.<sup>‡</sup> and Munasinghe, A.<sup>†</sup> (2020). “I Have a Narrow Thought Process”: Constraints on Explanations Connecting Inferences and Self-Perceptions. *SOUPS 2020*. Acceptance rate 20%. **IAPP SOUPS Privacy Award (for best privacy paper)**.

Cho, J.<sup>‡</sup> and **Rader, E.** (2020). The Role of Conversational Grounding in Supporting Symbiosis Between People and Digital Assistants. *Proc. ACM Hum.-Comput. Interact.* 4, CSCW1, Article 33 (May 2020), 27 pages. doi: 10.1145/3392838

Huh-Yoo, J. and **Rader, E.** (2020). It’s the Wild, Wild West: Lessons Learned From IRB Members’ Risk Perceptions Toward Digital Research Data. *Proc. ACM Hum.-Comput. Interact.* 4, CSCW1, Article 59 (May 2020), 22 pages. doi: 10.1145/3392868

Dev, J.<sup>‡</sup>, **Rader, E.** and Patil, S. (2020). Why Johnny Can’t Unsubscribe: Barriers to Stopping Unwanted Emails. *CHI 2020*. Acceptance rate 24%. doi: 10.1145/3313831.3376165

**Rader, E.** and Munasinghe, A.<sup>†</sup> (2019). “Wait, Do I Know This Person?”: Managing Misdirected Email. *CHI 2019*. Acceptance rate 24%. doi: 10.1145/3290605.3300520

\*Data analysis and manuscript preparation only.

\*\*Research design, data collection and analysis, and manuscript preparation.

<sup>†</sup>Undergraduate student coauthor.

<sup>‡</sup>Graduate student coauthor.

Yang, Y., **Rader, E.**<sup>\*</sup> Peters-Carr, M., Bent, R., Smilowitz, J., Guillemin, K., and Rader, B. (2019). Ontogeny of alkaline phosphatase activity in infant intestines and breast milk. To appear in *BMC Pediatrics*. doi: 10.1186/s12887-018-1379-1

**Rader, E.** Cotter, K.<sup>‡</sup> and Cho, J.<sup>‡</sup> (2018). Explanations as Mechanisms for Supporting Algorithmic Transparency. *CHI 2018*. Acceptance rate 25%. doi: 10.1145/3173574.3173677

**Rader, E.** and Slaker, J.<sup>‡</sup> (2017). The Importance of Visibility for Folk Theories of Sensor Data. *SOUPS 2017*. Acceptance rate 27%.

Wash, R., **Rader, E.**, and Fennell, C.<sup>‡</sup> (2017). Can People Self-Report Security Accurately? Agreement Between Self-Report and Behavioral Measures. *CHI 2017*. Acceptance rate 25%. doi: 10.1145/3025453.3025911

**Rader, E.** (2017). Examining User Surprise as a Symptom of Algorithmic Filtering. *International Journal of Human Computer Studies*, 98, 72-88, doi: 10.1016/j.ijhcs.2016.10.005

Wash, R., **Rader, E.**, Berman, R.<sup>†</sup>, and Wellmer, Z.<sup>†</sup> (2016) Understanding Password Choices: How Frequently Entered Passwords are Re-used Across Websites. *SOUPS 2016*. Acceptance rate 28%.

Jung, Y.<sup>‡</sup> and **Rader, E.**<sup>\*</sup> (2016). The imagined audience and privacy concern on Facebook: differences between producers and consumers. *Social Media + Society*, 2(2), doi: 10.1177/2056305116644615.

**Rader, E.** and Wash, R. (2015). Identifying Patterns in Informal Sources of Security Information. *Journal of Cybersecurity*, 1(1), 121-144, doi: 10.1093/cybsec/tyv008.

Wash, R. and **Rader, E.** (2015). Too Much Knowledge? Security Beliefs and Protective Behaviors Among United States Internet Users. *SOUPS 2015*. Acceptance Rate 24%.

**Rader, E.** and Gray, R.<sup>‡</sup> (2015). Understanding User Beliefs About Algorithmic Curation in the Facebook News Feed. *CHI 2015*. Acceptance Rate 25%. doi: 10.1145/2702123.2702174

**Rader, E.** (2014). Awareness of Behavioral Tracking and Information Privacy Concern in Facebook and Google. *SOUPS 2014*. Acceptance Rate 27%.

Wash, R., **Rader, E.**, Vaniea, K. and Rizor, M.<sup>†</sup> (2014). Out of the Loop: How Automated Software Updates Cause Unintended Security Consequences. *SOUPS 2014*. Acceptance Rate 27%.

Vaniea, K., **Rader, E.**, and Wash, R. (2014). Betrayed by updates: how negative experiences affect future security. *CHI 2014*. Acceptance Rate 23%. doi: 10.1145/2556288.2557275

**Rader, E.**, Velasquez, A.<sup>‡</sup>, Hales, K., and Kwok, H.<sup>†</sup> (2012). The Gap Between Producer Intentions and Consumer Behavior in Social Media. *GROUP 2012*. Acceptance rate 37%. doi: 10.1145/2389176.2389213

**Rader, E.**, Wash, R., and Brooks, B.<sup>‡</sup> (2012). Stories as Informal Lessons About Security. *SOUPS 2012*. Acceptance rate 21%. doi: 10.1145/2335356.2335364

Wash, R. and **Rader, E.** (2011). Influencing Mental Models of Security: A Research Agenda. *NSPW 2011*. doi: 10.1145/2073276.2073283

**Rader, E.**<sup>\*</sup>, Echelbarger, M. and Cassell, J. (2011). Brick by brick: Iterating interventions to bridge the achievement gap with virtual peers. *CHI 2011*, 2971-2974. Acceptance rate 27%. doi: 10.1145/1978942.1979382

**Rader, E.** (2010). The Effect of Audience Design on Labeling, Organizing, and Finding Shared Files. *CHI 2010*, 777-786. Acceptance rate 22%. doi: 10.1145/1753326.1753440

**Rader, E.<sup>‡</sup>** (2009). Yours, Mine, and (Not) Ours: Social Influences on Group Information Repositories. *CHI 2009*, 2095-2098. Acceptance rate 25%. **Best Paper Honorable Mention (top 5% of papers)**. doi: 10.1145/1518701.1519019

**Rader, E.<sup>‡</sup>** and Wash, R.<sup>‡</sup> (2008). Influences on Tag Choices in del.icio.us. *CSCW 2008*, 239-248. Acceptance rate 23%. doi: 10.1145/1460563.1460601

Wash, R.<sup>‡</sup> and **Rader, E.<sup>‡</sup>** (2007). Public Bookmarks and Private Benefits: An Analysis of Incentives in Social Computing. *ASIS&T Annual Meeting 2007*.

Batcheller, A.<sup>‡</sup> L., Hilligoss, B.<sup>‡</sup>, Nam, K.<sup>‡</sup>, **Rader, E.<sup>‡</sup>**, Rey-Babarro, M.<sup>‡</sup>, & Zhou, X.<sup>‡</sup> (2007). Testing the Technology: Playing Games with Video Conferencing. *CHI 2007*, 849-852. Acceptance rate 25%. doi: 10.1145/1240624.1240751

**Patrick (Rader), E.<sup>‡</sup>**, Cosgrove, D.<sup>‡</sup>, Slavkovic, A.<sup>‡</sup>, Rode, J.A.<sup>‡</sup>, Verratti, T.<sup>‡</sup> and Chiselko, G.<sup>‡</sup> (2000). Using a large projection screen as an alternative to head-mounted displays for virtual environments. *CHI 2000*, 478-485. Acceptance rate 21%. doi: 10.1145/332040.332479

## CONFERENCE AND WORKSHOP PAPERS

Vaniea, K., Rader, E., and Wash, R. (2014). Mental Models of Software Updates. *International Communication Association*, Seattle, WA.

Wash, R. and Rader, E. (2010). Using Economic Modeling to Predict User Behavior. *CHI 2010 Workshop: Models, theories and methods of studying online behavior*, Atlanta, GA.

Rader, E. (2008). Group Information Repositories as Social Systems. *4th Annual SIG SI Social Informatics Research Symposium*, Columbus, OH.

Wash, R. and Rader, E. (2008). Understanding del.icio.us Tag Choice Using Simulations. *iSchools Conference 2008*, Los Angeles, CA.

Hofer, E., Rader, E., and Finholt, T. (2005). Toward supporting virtual collocation. *WACE 2005 (Workshop on Advanced Collaborative Environments)*, Seattle, WA.

Rader, E. (2002). Small Group Communication over the Access Grid: A Case Study. *Proceedings of the 2002 Access Grid Retreat*, San Diego, CA.

Rader, E. (2001). Barriers to Collaboration: User-Centered Research and the Access Grid. *Proceedings of the 2001 Access Grid Retreat*, Argonne National Labs.

## EXTENDED ABSTRACTS AND POSTERS

Wash, R. and Rader, E. (2021). Prioritizing security over usability: Strategies for how people choose passwords. Poster presented at the 2021 Symposium on Usable Privacy and Security.

Hautea, S., Nthala, N., Kollig, F., Ferraz, J.M., and Rader, E. (2021). "Assertive driver, I can imagine that": Interpretations of Inferences from Driving Data. Poster presented at the 2021 Symposium on Usable Privacy and Security.

Mason, A. and Rader, E. (2020). "Helpful but Not Bothered": The Effects of Giving Out Fake Email Addresses. Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

Nthala, N. and Rader, E. (2020). Towards a Conceptual Model for Provoking Privacy Speculation. Poster presented at the Symposium on Usable Privacy and Security (SOUPS).

Hautea, S., Munasinghe, A. and Rader, E. (2020). "That's Not Me": Surprising Algorithmic Inferences. To appear in the Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems. Acceptance rate 41.8%.

Nthala, N. and Rader, E. (2020). Towards a Conceptual Model for Provoking Privacy Speculation. Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems. Acceptance rate 41.8%.

Cotter, K., Cho, J., and Rader, E. (2017). Explaining the News Feed Algorithm: An Analysis of the “News Feed FYI” Blog. Extended Abstracts of the 2017 CHI Conference on Human Factors in Computing Systems. Acceptance rate 38.7%.

Rader, E. and Wash, R. (2017). Influencing Mental Models of Security. National Science Foundation Secure and Trustworthy Cyberspace PI Meeting.

Wash, R. and Rader, E. (2016). Human Interdependencies in Security Systems. *CCC Visioning Workshop on Grand Challenges in Sociotechnical Cybersecurity*, College Park, MD.

Berman, R., Wash, R. and Rader, E. (2015). Predicting Password Practices. Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

Finch, J. and Rader, E. (2015). Differentiating the Effects of Social Influence and Homophily on Social Networks. Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

Pinto Santos, R.P., Wash, R., and Rader, E. (2015). Cleaning Computer Security Data. Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

Rosemurgy, P. and Rader, E. (2015). Modeling the Diffusion of Shared Votes on Facebook. Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

Hoban, K., Rader, E., Wash, R., and Vaniea, K. (2014). Computer Security Information in Stories, News Articles, and Education Documents. *SOUPS 2014*. **Distinguished Poster Award Winner.**

Jung, Y. and Rader, E. (2014). Transitive Privacy Concern in Social Networks. *SOUPS 2014*.

Baker, C. and Rader, E. (2014). Algorithmic Curation: Understanding the Content Network. Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

Bisht, S., Vaniea, K., Wash, R., and Rader, E. (2014). What Does Computer Security Cost You? Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

Rose, P. and Rader, E. (2014). Online Information Privacy: Understanding User Concern and Behavior. MSU University Undergraduate Research and Arts Forum (UURAF).

Hoban, K., Rader, E., Vaniea, K., and Wash, R. (2014). Computer Security: Stories, Articles, and Education Documents. MSU University Undergraduate Research and Arts Forum (UURAF).

Elhazzat, J., Hasselbeck, T., Vaniea, K., Rader, E., and Wash, R. (2014). Reconstructing Digital Events. MSU University Undergraduate Research and Arts Forum (UURAF).

Rizor, M., Vaniea, K., Rader, E., Wash, R. (2013). Out of the Loop: How Automated Software Updates Cause Unintended Security Consequences. MSU Cyberinfrastructure Days 2013. **Winner of the 2nd place prize for Best Poster.**

Heldt, R., Vaniea, K., Wash, R., and Rader, E. (2013). The difficulties of Tracking Users’ Online Passwords. Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

Hinck, A., Wash, R., Vaniea, K., Rader, E. (2013). What do YOU Think is a Virus? Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

Hoban, K., Girouard, Z., Rader, E., Vaniea, K., and Wash, R. (2013). Computer and Information Security: Educating the User. Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).

- Saxton, N., Vaniea, K., Wash, R., Rader, E. (2013). Tracking Browsing Context in Internet Security Behaviors Research. Mid-Michigan Symposium for Undergraduate Research Experiences (MiD-SURE).
- Olsen, T., Saxton, N., Vaniea, K., Wash, R., and Rader, E. (2012). Do People Behave Securely Online? MSU University Undergraduate Research and Arts Forum (UURAF).
- Rizor, M., Wash, R., Vaniea, K., and Rader, E. (2012). User Understanding of Security Software Updates: An Interdisciplinary Approach. MSU University Undergraduate Research and Arts Forum (UURAF).
- Zemanek, N., Velasquez, A., Rader, E. and Wash, R. (2012). Content Analysis of Security Education Materials Created for User Consumption. MSU Summer Undergraduate Research Forum (SURF).
- Rader, E. (2007). Just email it to me! Why things get lost in shared file repositories. *GROUP 2007*, Nov. 4-7, 2007, Sanibel Island, FL.
- Rader, E. and Wash, R. (2006). Tagging with del.icio.us: Social or Selfish? *CSCW 2006*, Nov. 4-8 2006, Banff, Alberta, CA.

## EXTERNAL PRESENTATIONS

- Rader, E. (2019). Folk Theories of Security and Privacy. RSAConference: Security, Privacy and Human Behavior (pre-conference seminar). March 4, 2019.
- Rader, E. (2019). Folk Theories of Security and Privacy. RSAConference: Hacking the Human: Special Edition (full conference session). March 5, 2019.
- Rader, E. (2018). Implications of Beliefs about Derived Personal Data for Negotiating Digital Privacy Norms. Department of Information Science INFO Seminar, *University of Colorado, Boulder*, November 14, 2018.
- Rader, E. (2018). Implications of Beliefs about Derived Personal Data for Negotiating Digital Privacy Norms. Center for Security and Privacy in Informatics (SPICE), *Indiana University*, October 31, 2018.
- Rader, E. (2018). Inferring User Behaviors from Log Data for Understanding Computer Security Decisions. ICOS Big Data Summer Camp, *University of Michigan*, May 14, 2018.
- Rader, E. (2018). Conceptualizing Derived Data as a Social Dilemma. College of Information Studies, *University of Maryland*, April 9, 2018.
- Rader, E. (2018). Conceptualizing Digital Privacy as a Social Dilemma. College of Information Sciences and Technology, *The Pennsylvania State University*, March 12, 2018.
- Rader, E. (2018). Conceptualizing Digital Privacy as a Social Dilemma. School of Computing and Information, *University of Pittsburgh*, February 26, 2018.
- Rader, E. (2018). Conceptualizing Digital Privacy as a Social Dilemma. School of Information Sciences, *University of Illinois*, February 21, 2018.
- Rader, E. (2017). Conceptualizing Digital Privacy as a Social Dilemma. CSE Colloquia Series at *Washington University in St. Louis*, October 20, 2017.
- Rader, E. (2017). Conceptualizing Derived Data as a Common Pool Resource. Security in Human Behavior Workshop, *Cambridge University*, May 26, 2017.
- Rader, E. (2016). Examining Derived Data as a Common Pool Resource. CSCW @ Scale Workshop at the School of Information, *University of Michigan*, May 6, 2016.

- Rader, E. (2016). Stories, News, and Advice: Patterns in Informal Sources of Security Information. College of Information Sciences and Technology, *The Pennsylvania State University*, March 14, 2016.
- Rader, E. (2016). Accidental Transparency: How the Facebook News Feed Algorithm Affects User Beliefs and Behavior. School of Information Studies, *Syracuse University*, March 10, 2016.
- Rader, E. (2015). A Filter Bubble For Relationships, Algorithmic Transparency Workshop, Tow Center for Digital Journalism at *Columbia University*, March 27, 2015.
- Rader, E. (2011). Understanding Infrastructure for Social Information Sharing, Department of Telecommunication, Information Studies and Media, *Michigan State University*, April 15, 2011.
- Rader, E. (2010). How “Social” is the Social Web? Department of Communication Studies, *Northwestern University*, January 22, 2010.
- Rader, E. (2010). How “Social” is the Social Web? Department of Information Systems, *University of Maryland Baltimore County*, January 14, 2010.
- Rader, E. (2010). Exploring the “Social” Nature of Social Media in Organizations. *NCA 2010 Panel: Social Media and the Communication of Knowledge in the Workplace*, San Francisco, CA.
- Rader, E. (2009). Just Email It to Me! Why Things Get Lost in Group Information Repositories. School of Communication and Information Studies, *Rutgers University*, February 6, 2009.
- Rader, E. (2007). What Did You Call It? How Document Labeling and Organizing Affect Finding in Shared Repositories. *Johns Hopkins University Applied Physics Laboratory*, November 8, 2007
- Rader, E. (2007). What did you call it again? Language Use in Group Information Management Systems. *GROUPE 2007 Doctoral Colloquium*, Sanibel Island, FL.
- Rader, E. and Johnston, E. (2005). Cooperation and Competition in Video Games: Implications for Collaborative Systems. *Connections 2005*, Montreal, Quebec, Canada.
- Patrick, E. (2001). Access Grid Node User Studies: Distributed Video Mediated Communication. *Motorola Labs 2001 Real Technology Series*, Schaumburg, IL.
- Patrick, E. (2001). User Centered Evaluation of the Access Grid. *Access Grid Human Factors Workshop*, Argonne National Labs.
- Patrick, E. (2001). User Centered Research and the Access Grid: Requirements for Collaboration. *Access Grid Retreat 2001*, Argonne National Labs.
- Patrick, E. (2001). The Access Grid: Beyond Videoconferencing. *Chicago chapter of ACM SIG-CHI*, Chicago IL.

## BOOK CHAPTERS

- Wash, R. and **Rader, E.** (2012). Folk Models of Home Computer Security. Markus Jacobsson (Ed.). *The Death of the Internet*, Wiley; ISBN 978-1118062418
- Birnholtz, J., **Rader, E.**, Horn, D.B., and Finholt, T. (2009). Enabling Remote Participation in Research. B. Whitworth and A. de Moor (Eds.) *Handbook of Research on Socio-Technical Design and Social Networking Systems*. Information Science Reference; ISBN 978-1605662640

## TECHNICAL REPORTS

Metcalfe, C. and **Patrick, E.** Sharing Photos: Sending, Receiving, and Reviewing Personal Photographs with Family and Friends. *Motorola Labs Technical Report*, February 2003, Schaumburg IL.

**Patrick, E.** and Metcalfe, C. Mediated Communication Between Extended Family and Friends: A Case Study. *Motorola Labs Technical Report*, September 9, 2001, Schaumburg IL.

**Patrick, E.** and Marturano, L. GTSS Information Architecture User Study Report. *Motorola Labs Technical Report*, June 2001, Schaumburg IL.

**Patrick, E.** Motorola Labs Website Usability Report. *Motorola Labs Technical Report*, January 2000, Schaumburg IL.

**Patrick, E.** Motorola “CoPilot” Usability Evaluation. *Motorola Labs Technical Report*, November 1999, Schaumburg IL.

## INTERNAL PRESENTATIONS

- 2021      *Sociomobility Lunch-and-Learn: “Assertive driver, I can imagine that”:  
Interpretations of Inferences from Driving Data.* Topic: people’s perceptions  
and interpretations of data that sensor-enabled devices can collect and infer  
related to cars and driving. June 16, 2021.
- 2019      *RCR Session: Protection of Human Subjects.* Topic: Informed consent issues when  
doing online/digital research. October 14, 2019.
- 2018      *Quantitative Research Design, ADV 975* Topic: Inferring User Behaviors from  
Log Data for Understanding Computer Security Decisions. November 19, 2018.
- 2017      *Catalyst Talks: Visioning the Future of Doctoral Training in ComArtSci*  
Topic: Pasteur’s Quadrant. November 10, 2017.
- 2016      *Methods for Understanding Users, MI 220* Topic: Contextual Inquiry Interpretation  
Sessions and Affinity Diagrams. Nov. 2 and Nov. 7, 2016.  
*MIS PhD 2016 Research Seminar Series* Topic: How the Facebook News Feed Algorithm  
Affects User Beliefs and Behavior. February 4, 2016.
- 2015      *Computer-Assisted Reporting, Journalism 407* Topic: Algorithmic curation and the  
news. October 13, 2015.  
*Sharper Focus, Wider Lens, MSU Honors College Panel* Topic: A Filter Bubble  
For Relationships, March 30, 2015.  
*Social Media News & Information, Journalism 821* Topic: Algorithmic curation and the  
news. March 16, 2015.
- 2014      *MIS Proseminar* Topic: Human Computer Interaction. September 5, 2014.
- 2013      *MSU Cyberinfrastructure Days Panel* Topic: Research-Enabling Tools and Technologies:  
Challenges and Experiences from a MSU PI Perspective. October 25, 2013.  
*Lab Environmental Reporting, Journalism 472* Topic: Face Recognition. October 3, 2013.  
*MIS Program Job Market Panel* September 27, 2013.  
*Research Data Management Cafe* Topic: Data Management in Interdisciplinary  
Projects. April 29, 2013.
- 2012      *MIS Proseminar* Topic: Information Science. March 16, 2012.  
*Media Impacts on Society, TC401.* Topic: Incentives and constraints in online  
communities. MSU Guest Lecture. November 15, 2012.



- 2011     *Applied Research Methods, (MTS 525)* NU Guest Lecture, Feb. 28, 2011.  
*MSU Comm Arts Brownbag Series*, Oct. 27, 2011.  
*MIS Program Job Market Panel*, Sept. 30, 2011.
- 2010     *NU SoC Century Scholars Invited Talk*, Nov. 11, 2010.  
*MTS Graduate Seminar (MTS 501)*. NU Guest Lecture.  
*Applied Research Methods, (MTS 525)* NU Guest Lecture.
- 2009     *Doctoral Foundations (SI 701)*. SI Guest Lecture.  
*SI Academic Job Search Panel*, Apr. 23, 2010.
- 2008     *Human Interaction in Information Retrieval (SI 531)*. SI Guest Lecture.  
*Research Methods (SI 840)*. SI Guest Lecture.
- 2007     *CSCW (SI 689)*. SI Guest Lecture.  
*Public Goods (SI 686)*. SI Guest Lecture.  
*Research Methods (SI 840)*. SI Guest Lecture.  
*Organization of Information Resources (SI 666)*. SI Guest Lecture.
- 2006     *SI CREW Seminar Invited Talk*, Apr. 10, 2006.

## UNIVERSITY SERVICE

### *Michigan State University*

- 2021     College Advisory Committee (CAC) representative from the Media and  
Information Department (Spring)  
Leader of the MI Dept. working group to design a new online UX Master's  
program (Spring)
- 2020     College Advisory Committee (CAC) representative from the Media and  
Information Department (Fall)
- 2019     Director of Doctoral Studies, Media and Information Dept., and  
representative on the IM PhD Executive Committee (Spring)  
Leader of the MI Dept. Human Centered Technologies working group (Spring)
- 2018     Director of Doctoral Studies, Media and Information Dept., and  
representative on the IM PhD Executive Committee  
Leader of the MI Dept. Human Centered Technologies working group
- 2017     Director of Doctoral Studies, Media and Information Dept., and  
representative on the IM PhD Executive Committee
- 2016     Director of Doctoral Studies, Media and Information Dept., and  
representative on the IM PhD Executive Committee (Fall)  
Co-Organized IM PhD Research Symposium (Fall)  
Member of the Media and Information Dept. PhD Committee (Spring)  
Member of the Media and Information Dept. Work Load Task Force (Spring)
- 2015     Member of the Media and Information Dept. PhD Committee (Fall)  
Co-Organized MIS PhD Research Symposium (Fall)  
Served on the MIS PhD Program Review Committee (Spring)  
Reviewer for CAS summer research proposals (Spring)

- 2014      Panelist for MSU Women's Alliance session on "Working Women"  
Co-Organized MIS PhD Research Symposium  
Presented a Responsible Conduct of Research session on "Management of Data"
- 2013      Director of Graduate Studies, TISM  
Co-Organized MIS PhD Research Symposium
- 2012      Media and Information Studies PhD Committee  
Co-Organized First Annual MIS PhD Research Symposium, and served as judge  
Served as a mentor for a Summer Research Opportunities (SROP) student  
Served on a university-wide IT services advisory committee

*Northwestern University, Communication Studies Department*

- 2011      Technology and Social Behavior PhD Admissions committee
- 2010      Organizer of TSB Seminar Series (with Darren Gergle)  
Chair's Advisory Committee, Department of Communication Studies

*University of Michigan, School of Information*

- 2006      PhD Admissions Committee
- 2005      President of the Doctoral Student Organization  
Doctoral Committee

## **PROFESSIONAL SERVICE**

### *Leadership*

- Associate Editor for ACM Transactions on Privacy and Security, March 2021-present
- Co-Chair of the Privacy & Security Subcommittee of the ACM Conference on  
Computer-Human Interaction, 2019-2020
- Participant at LiSPI 2019: The Leadership in Science Policy Institute
- Organizer of the Workshop on Trustworthy Algorithmic Decision-Making, Fall 2017  
Workshop Dates: December 4-5, 2017; Website: <http://trustworthy-algorithms.org/>

### *Member of Conference Program Committees*

- ACM Conference on Computer-Human Interaction (CHI) 2010, 2012, 2014
- ACM Conference on Computer-Supported Cooperative Work and Social Computing  
(CSCW) 2013, 2015, 2017-18
- SOUPS (Symposium on Usable Privacy and Security) 2013, 2015-2017, 2019

### *Reviewer (Journals)*

- Technology, Mind and Behavior
- International Journal of Communication
- Computers & Security
- Digital Journalism
- Human Computer Interaction Journal
- IEEE Internet Computing
- IEEE Security & Privacy
- International Journal of Human Computer Studies
- JASIST: Journal of the Association for Information Science and Technology
- Journal of Web Science
- Journal of Cybersecurity
- PACM HCI (CSCW): Proceedings of the ACM: Human Computer Interaction

PACM HCI (IMWUT): Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies  
ACM TOCHI: Transactions on Computer Human Interaction

*Reviewer (Conferences)*

CSCW 2008-2020  
CHI 2006-2019  
ICIS 2019  
iConference BIAS2018 workshop  
WebSci 2016  
IUI 2015, 2019  
Graphics Interface 2015 (HCI Track)  
UIST 2014  
WWW 2012  
iConference 2012  
ICWSM 2011  
GROUP 2009

*Invited Panelist (Grant Proposal Reviewer)*

Computing Research Association (CRA) Computing Innovation Fellows 2020 Reviewer  
National Science Foundation (NSF), 2011-2013, 2016-2017, 2019-2021  
Israel Science Foundation, 2016  
Austrian Research Promotion Agency (FFG), 2011

**TEACHING**

*Instructor of Record*

Usability and Accessibility (MI 845, master's)  
Spring 2021

Methods for Understanding Users (MI 220, undergraduate)  
Fall 2020, Fall 2021, Spring 2022

Reasoning with Data (MI 320, undergraduate)  
Spring 2017-2019; Fall 2019; Spring 2021, Spring 2022

Methods for Computational Communication (phd)  
Spring 2019 (CAS 992)

Digital Footprints: Privacy Online (undergraduate)  
Spring 2016, 2017 (as MI 239, required course)  
Spring 2012; Fall 2012, 2013 (as TC 291, special topic course)  
Winter 2011 (Northwestern Comm Studies 395)

Human Computer Interaction (master's, phd)  
Spring 2015 (CAS 992, PhD special topic course)  
Spring 2013-2016 (as MI 845, required course)  
Spring 2012 (as TC 891, special topic course)

Online Communities (undergraduate)  
Spring 2011 (Northwestern Comm Studies 378)

Perspectives on Social Media Research (phd)  
Spring 2011 (Northwestern Comm Studies 525)

*Independent Study Projects Supervised*

Maddie Heise (MI undergraduate): Spring 2019  
Kamari Morse (MI undergraduate): Spring 2018  
Christina Lang (MI undergraduate): Fall 2017  
Janghee Cho (Media & Information Master's): Spring 2017  
Rebecca Gray (MIS PhD): Spring 2013  
Yumi Jung (MIS PhD): Fall 2012

*Co-Instructor*

Doctoral Development Seminar (University of Michigan, School of Information)  
with Cory Knobel and Yong-Mi Kim, Fall and Winter 2008

*Graduate Student Instructor (TA)*

Fundamentals of Human Behavior. Winter 2009 (UMSI 688)  
Computer-Supported Cooperative Work. Fall 2008 (UMSI 689)  
Networked Computing: Storage, Communication, and Processing. Fall 2007 (UMSI 502)  
Contextual Inquiry and Project Management. Fall 2006 (UMSI 501)  
Use of Information. Fall 2005 (UMSI 501)

**STUDENTS/POSTDOCS SUPERVISED**

*[All students and postdocs are from Michigan State University unless otherwise noted.]*

*Postdoctoral Researchers and Visiting Scholars*

Norbert Nthala, 2019-2021  
João Marcelo Ferraz (Universidade Federal de Pernambuco, Brazil), 2019-2020  
Kami Vaniea, 2012-2014

*PhD Advisor*

Samantha Hautea, 2019-present  
Yumi Jung, 2012-2018 (graduated Spring 2018)  
Alina Lungeanu (Northwestern), 2010-2011

*Committee Member*

Janine Slaker (prelim)  
Kelley Cotter (guidance, graduated 2020)  
Soo Jeong Hong (prelim, graduated 2018)  
Jacob Solomon (dissertation, graduated 2015)

*Master's Students Advised*

Riley Doll, Media and Information. 2020-2021 (as Advisor and Chair)  
Valentina Oram, Media and Information. 2020-2021 (as Advisor)  
Carl Anderson, Media and Information. 2013-2016 (as Chair)  
Janghee Cho, Media and Information. 2016-2018 (as Advisor and Chair)  
Xin Ha, Media and Information. 2015-2017 (as Advisor)  
Chris Hamrick, Media and Information. 2011 (as Committee Member)  
Bill Morgan, Media and Information. 2012 (as Committee Member)  
Alison Virag-McCann, Media and Information. 2012-2013 (as Committee Member)  
Qin Zhang, Media and Information. 2015 (as Advisor)

*Graduate Student Research Assistants*

Brandon Brooks, MIS PhD. 2011-2012  
Shih-Chi Steven Chen, EECS MS, Northwestern. 2010-2011  
Janghee Cho, MI MA. 2016-2017  
Kelley Cotter, MIS PhD. 2016-2017  
Chris Fennell, MIS PhD. Summer 2016  
Joe Freedman, CSE Masters. 2018-Spring 2019  
Rebecca Gray, MIS PhD. 2013-2014  
Samantha Hautea, 2019-2021

Yumi Jung, MIS PhD. 2012-2013  
 Irene Kim, Business Analytics Master's, Spring 2019  
 Laeeq Khan, MIS PhD. 2012-2013  
 Andrew Osentoski, Criminal Justice MA. 2015  
 Chankyung Pak, MIS PhD. 2015-2016  
 Janine Slaker, MIS PhD. 2015-2016  
 Jacob Solomon, MIS PhD. 2011-2012  
 Alcides Velasquez, MIS PhD. 2011-2012  
  
*Undergraduate Research Assistants*  
 Howard Akumiah, Fall 2012-Spring 2013  
 Pierre Arellano (Washington State University), MSU SROP Program 2012  
 Cody Baker (University of Evansville), Summer REU 2014  
 Ruth Berman (Macalester College), Summer REU 2015  
 Shiwani Bisht (Cornell University), Summer REU 2014  
 Nina Capuzzi, Fall 2016-Spring 2017  
 Stephen Cauthen, Fall 2018-Spring 2019  
 Jallal Elhazzat, Spring 2014  
 James Finch, Summer REU 2015  
 Nicholas Gilreath, Fall 2016-Spring 2017  
 Zack Girouard, Fall 2012-Summer 2013  
 Leanarda Gregordi, Fall 2012  
 Tim Hasselbeck, Spring 2014  
 Madison Heise, Fall 2018-Spring 2019  
 Raymond Heldt, Summer REU 2013  
 Alexandra Hinck (Beloit College), Summer REU 2013  
 Katie Hoban, Summer REU 2013 and 2014; and Fall 2013-Fall 2014  
 Meghan Huynh, Fall 2014-Spring 2016  
 Nathan Klein (Oberlin College), Summer REU 2014  
 Faye Kollig, Spring 2021  
 Kyle Kulesza, Fall 2013-Spring 2014  
 Helen Kwok (Northwestern University), 2011  
 Lauren McKown, Spring-Summer 2012  
 Abrielle Mason, Summer 2020  
 Manotej Meka, Spring 2016  
 Simone Merendi, Spring 2016  
 Anjali Munasinghe, Fall 2017-Fall 2019  
 Robert Novak, Fall 2016-Spring 2017  
 Cindy Ochoa, Fall 2016-Spring 2018  
 Tyler Olsen, Fall 2012-Spring 2013  
 Ruchira Ramani, Fall 2013  
 Michelle Rizor, Fall 2012-Spring 2014  
 Paul Rose, 2012-2015  
 Paul Rosemurgy, Fall 2014-Spring 2015; and Summer REU 2015  
 Scott Rucinski, Fall 2013-Spring 2014  
 Robert Plant Pinto Santos (Universidade Federal do Ceará, Brazil), Summer REU 2015  
 Nick Saxton, Summer REU 2013 and Fall 2012-Fall 2013  
 Kimberly Setili, Spring 2012 and Summer REU 2012  
 Alison Thierbach, Summer REU 2012  
 Elaine Wang (Northwestern), 2011  
 Zac Wellmer, Fall 2015  
 Nate Zemanek, Summer REU 2012