

Emilee Rader

Curriculum Vitae

The Information School
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APPOINTMENTS

- 2023- *Associate Professor*
The Information School, School of Computer, Data & Information
Sciences, The University of Wisconsin-Madison
Communication Arts & Sciences, Michigan State University
- 2022-23 *Associate Department Chair*
Department of Media and Information, College of
Communication Arts & Sciences, Michigan State University
- 2017-23 *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-Madison (Graduated with Distinction)

GRANTS AND FELLOWSHIPS

Title / Source	Period	Amount
<i>TWC: 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
<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 [†] and graduate student coauthors are denoted by [‡].

Rader, E. (2023). Data Privacy and Pluralistic Ignorance. *SOUPS 2023*. Acceptance rate 22%.

Rader, E. (2022). Normative and Non-Social Beliefs about Sensor Data: Implications for Collective Privacy Management. *SOUPS 2022*. Acceptance rate 28%.

Pfeffer, K.[‡], Mai, A.[‡], Weippl, E., **Rader, E.**^{*}, and Krombholz, K. (2022). Replication: Stories as Informal Lessons about Security. *SOUPS 2022*. Acceptance rate 28%.

Wash, R., Nthala, N., and **Rader, E.**^{**} (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

*Data preparation or analysis, and manuscript preparation.

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

[†]Undergraduate student coauthor.

[‡]Graduate student coauthor.

- Rader, E.**, Hautea, S.[‡] and Munasinghe, A.[†] (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.[‡] 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.[‡], **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.[†] (2019). “Wait, Do I Know This Person?”: Managing Misdirected Email. *CHI 2019*. Acceptance rate 24%. doi: 10.1145/3290605.3300520
- Yang, Y., **Rader, E.*** 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.[‡] and Cho, J.[‡] (2018). Explanations as Mechanisms for Supporting Algorithmic Transparency. *CHI 2018*. Acceptance rate 25%. doi: 10.1145/3173574.3173677
- Rader, E.** and Slaker, J.[‡] (2017). The Importance of Visibility for Folk Theories of Sensor Data. *SOUPS 2017*. Acceptance rate 27%.
- Wash, R., **Rader, E.**, and Fennell, C.[‡] (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.[†], and Wellmer, Z.[†] (2016) Understanding Password Choices: How Frequently Entered Passwords are Re-used Across Websites. *SOUPS 2016*. Acceptance rate 28%.
- Jung, Y.[‡] and **Rader, E.*** (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.[‡] (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.[†] (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.[‡], Hales, K., and Kwok, H.[†] (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.[‡] (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.***, 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.[‡]** (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.[‡]** and Wash, R.[‡] (2008). Influences on Tag Choices in del.icio.us. *CSCW 2008*, 239-248. Acceptance rate 23%. doi: 10.1145/1460563.1460601
- Wash, R.[‡] and **Rader, E.[‡]** (2007). Public Bookmarks and Private Benefits: An Analysis of Incentives in Social Computing. *ASIS&T Annual Meeting 2007*.
- Batcheller, A.[‡] L., Hilligoss, B.[‡], Nam, K.[‡], **Rader, E.*[‡]**, Rey-Babarro, M.[‡], & Zhou, X.[‡] (2007). Testing the Technology: Playing Games with Video Conferencing. *CHI 2007*, 849-852. Acceptance rate 25%. doi: 10.1145/1240624.1240751
- Patrick (Rader), E.[‡]**, Cosgrove, D.[‡], Slavkovic, A.[‡], Rode, J.A.[‡], Verratti, T.[‡] and Chiselko, G.[‡] (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

- Vaniaea, 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

- Hautea, S. and Rader, E. (2022). “You have to be hyperaware”: PhD students’ management of boundary turbulence when posting research-related information on social media. Poster presented at the 2022 Symposium on Usable Privacy and Security.

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. (2023). An Argument for Limiting Collection of Data. The Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia. Virtual presentation on June 28, 2023.
- Rader, E. (2023). Barriers to Collective Privacy Management. Future of Human Centred Privacy Workshop. June 6, 2023.
- Rader, E. (2023). An Argument for Limiting Collection of Data. The Information School, University of Wisconsin - Madison. Virtual presentation on February 2, 2023.
- 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. *GROUP 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

Metcalf, 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 Metcalf, 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

- 2022 *An Argument for Limiting Collection of Data*. Topic: Data privacy and consent. Michigan State University 2022 Ethics of Big Data and Artificial Intelligence Conference. November 3, 2022.
Science, Technology, Environment and Public Policy 101. Topic: Technology and policy issues related to digital privacy. October 27, 2022.
- 2021 *Sociomobility Lunch-and-Learn: “Assertive driver, I can imagine that”:*
Interpretations of Inferences from Driving Data. Topic: Privacy of telematics data and inferences 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

- 2022 College Advisory Council (CAC) representative from the Media and Information Department
- 2021 College Advisory Council (CAC) representative from the Media and Information Department
Leader of the MI Dept. working group to design a new online UX Master's program (Spring)
Member of two ad hoc hiring committees (Summer and Fall)
- 2020 College Advisory Council (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, Media and Information Department
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 School of Information Doctoral Student Organization
Member of the School of Information 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, 2022

Reviewer (Journals)

American Psychologist

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 (IMWUT): Proceedings of the ACM on Interactive, Mobile, Wearable and

Ubiquitous Technologies

ACM TOCHI: Transactions on Computer Human Interaction

Reviewer (Conferences)

CSCW 2008-2020, 2023

CHI 2006-2019, 2023

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, 2019-2022

Israel Science Foundation, 2016

Dr. Emilee Rader

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Austrian Research Promotion Agency (FFG), 2011

TEACHING

Instructor of Record

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

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

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

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

Dr. Emilee Rader

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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
Laeq 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