

## **MICHAEL ZIMMER, Ph.D.**

Department of Computer Science

Marquette University

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### **ACADEMIC APPOINTMENTS**

#### **Marquette University**

2019-present Associate Professor, Department of Computer Science

2019-present Affiliated Faculty, Northwestern Mutual Data Science Institute

#### **University of Wisconsin-Milwaukee**

2014-2019 Associate Professor, School of Information Studies

2012-2019 Director, Center for Information Policy Research

2008-2014 Assistant Professor, School of Information Studies

#### **Yale Law School**

2008-present Affiliated Fellow, Information Society Project

2007-2008 Microsoft Resident Fellow and Postdoctoral Associate in Law, Information Society Project

#### **New York University School of Law**

2004-2007 Student Fellow, Information Law Institute

### **EDUCATION**

2007 Ph.D. in Media, Culture and Communication, New York University  
Dissertation: *"The quest for the perfect search engine: Values, technical design, and the flow of personal information in spheres of mobility"* (Advisor: Dr. Helen Nissenbaum)

2002 M.A. in Media Ecology, New York University

1994 B.B.A. in Marketing, University of Notre Dame  
Specialization: Gender Studies

### **ADVISORY BOARDS AND SPECIAL APPOINTMENTS**

2021-present Ethics Advisor: "SPATIAL Project (*Security and Privacy Accountable Technology Innovations, Algorithms, and Machine Learning*)", European Commission under the Horizon 2020 Research & Innovation Programme

2019-2020 Appointment: "Data Privacy and Security Advisory Committee," State of Wisconsin Department of Agricultural Trade and Consumer Protection

- 2019-present Advisory Board: “Establishing Norms of Data Ethics in Citizen Science” (NSF-funded research project at North Carolina State University)
- 2018-present Advisory Board: “Data Doubles Project” (IMLS-funded research project at Indiana University–Purdue University Indianapolis)
- 2015-2016 Steering Committee Member: “Consensus Framework to Support Patron Privacy in Digital Library and Information Systems”, National Information Standards Organization (NISO).
- 2010-present Advisory Board: Future of Privacy Forum  
Program Committee: Research Data Sharing Salon Dinner Series

### **FUNDED RESEARCH GRANTS & AWARDS**

- G.12 **Zimmer, M. (PI)**, Franco, Z. (Co-PI) & Madiraju, P. (Co-PI). (2020-2021). Public Opinion Research on Artificial Intelligence in Public Health Responses. American Association for the Advancement of Science (AAAS). Amount: \$18,689.
- G.11 Vitak, J. (PI) & **Zimmer, M. (Co-PI)**. (2020-2021). How COVID-19 is Changing Workplace Surveillance: American Workers’ Experiences & Privacy Expectations When Working from Home. Social Science Research Council (SSRC) Rapid-Response Grants on Covid-19 and the Social Sciences. Amount: \$5,000.
- G.10 **Zimmer, M. (PI)**. (2020-2021). The Zuckerberg Files: Tracking the Evolution of Mark Zuckerberg’s Technological Discourse. Regular Research Grant (RRG), Marquette University. Amount: \$6,000.
- G.9 **Zimmer, M. (PI)**. (2019) Applied Research Ethics. Facebook unrestricted gift. Amount: \$100,000.
- G.8 Shilton, K. (PI), Bietz, M. (Co-PI), Vitak, J. (Co-PI), **Zimmer, M. (Co-PI)**, Fiesler, C. (Co-PI), Metcalf, J. (Co-PI), and Narayanan, A. (Co-PI). (2017-2021). PERVADE: Pervasive Data Ethics for Computational Research. National Science Foundation (NSF) CHS: LARGE: Collaborative Research grant. Amount: \$373,957 (\$3 million total project funding).
- G.7 **Zimmer, M. (PI)** & Tijerina, B. (Co-PI). (2017-2018). Library Values & Privacy in our National Digital Strategies: Field guides, Convenings, and Conversations. Institute of Museum and Library Services (IMLS) National Leadership grant. Amount: \$90,150.
- G.6 **Zimmer, M. (PI)**, & Kozak, N. (Co-PI). (2017-2018). Assessing the Implementation of CIPA-Mandated Internet Filtering in U.S. Public Libraries. UW-Milwaukee Research Growth Initiative. Amount: \$45,349.
- G.5 **Zimmer, M. (PI)**. (2017-2018). The Zuckerberg Files: Tracking the Evolution of Mark Zuckerberg’s Technological Discourse. UW-Milwaukee Research and Creative Activities Support (RACAS) Award. Amount: \$14,860.

- G.4 Vitak, J. (PI), **Zimmer, M. (Co-PI)**, Pridmore, J. (NL-Erasmus), & Trottier, D. (NL-Erasmus). (2016-2019) Mapping Privacy and Surveillance Dynamics in Emerging Mobile Ecosystems: Practices and Contexts in the Netherlands and US. National Science Foundation (NSF) EAGER (EARly-concept Grants for Exploratory Research). Amount: \$100,685.
- G.3 **Zimmer, M. (PI)**. (2011-2012). Librarian Attitudes and Behaviors Regarding Informational Privacy. American Library Association Office of Intellectual Freedom. Amount: \$28,744.
- G.2 **Zimmer, M. (PI)**. (2010-2011). Assessing the Treatment of Patron Privacy in Library 2.0 Literature. UW-Milwaukee School of Information Studies Internal Research Grant. Amount: \$6,000.
- G.1 **Zimmer, M. (PI)**. (2006-2007). Privacy on the Roads: Values, Technical Design and the Flow of Personal Information on the Transportation and Information Superhighways. National Science Foundation (NSF) Dissertation Improvement Grant. Amount: \$12,000.

#### **EDITED BOOKS**

- EB.2 **Zimmer, M.** & Kinder-Kurlanda, K. (Eds.). (2017). *Internet Research Ethics for the Social Age: New Challenges, Cases, and Contexts*. New York: Peter Lang
- EB.1 Spink, A., & **Zimmer, M.** (Eds.). (2008). *Web search: Multidisciplinary perspectives*. Dordrecht, The Netherlands: Springer.

#### **EDITED SPECIAL ISSUES**

- SI.7 Wu, P., Vitak, J., & **Zimmer, M.** (2020). Information Privacy in the Digital Age. *Journal of the Association for Information Science and Technology*, 71(9).
- SI.6 Leurs, K. & **Zimmer, M.** (Eds.). (2017). Platform Values: #AoIR16 Special Issue. *Information, Communication and Society*, 20(6).
- SI.5 **Zimmer, M.** & Hoffmann, A. L. (Eds.). (2016). Special issue: A Decade of Web 2.0 – Reflections, Critical Perspectives, and Beyond. *First Monday*, 21(6).
- SI.4 Britz, J. & **Zimmer, M.** (Eds.). (2014). Special issue: The Digital Future of Education. *International Review of Information Ethics*, 21.
- SI.3 Nagel, D., Rath, M., & **Zimmer, M.** (Eds.). (2012). Special issue: Ethics of Secrecy. *International Review of Information Ethics*, 17.
- SI.2 **Zimmer, M.** (Ed.). (2008). Special issue: Critical Perspectives on Web 2.0. *First Monday*, 13(3).
- SI.1 Schneider, T. & **Zimmer, M.** (Eds.). (2006). Special issue: Identity and Identification in a Networked World. *First Monday*, 11(12).

**PEER-REVIEWED JOURNAL ARTICLES**

- J.32 Shilton, K., Moss, E., Gilbert, S. A., Bietz, M. J., Fiesler, C., Metcalf, J., Vitak, J., & **Zimmer, M.** (2021). Excavating awareness and power in data science: A manifesto for trustworthy pervasive data research. *Big Data & Society*. <https://doi.org/10.1177/20539517211040759>
- J.31 Proferes, N., Jones, N., Gilbert, S., Fiesler, C., & **Zimmer, M.** (2021). Studying Reddit: A Systematic Overview of Disciplines, Approaches, Methods, and Ethics. *Social Media + Society*. <https://doi.org/10.1177/20563051211019004>
- J.30 Reuter, K., Deodhar, A., Makri, S., **Zimmer, M.**, Berenbaum, F., Nikiphorou, xE. (2021). The impact of the COVID-19 pandemic on people with rheumatic and musculoskeletal diseases: insights from patient-generated data on social media. *Rheumatology*. <https://doi.org/10.1093/rheumatology/keab174>
- J.29 Buchanan, E.A., & **Zimmer, M.** (2021). Internet research ethics (revised). *The Stanford Encyclopedia of Philosophy* (Spring 2021 Edition), Edward N. Zalta (ed.). <http://plato.stanford.edu/entries/ethics-internet-research/>
- J.28 Hargittai, E., Redmiles, E. M., Vitak, J., & **Zimmer, M.** (2020). Americans' willingness to adopt a COVID-19 tracking app. *First Monday*, 25(11). <https://doi.org/10.5210/fm.v25i11.11095>
- J.27 Vitak, J., & **Zimmer, M.** (2020). More Than Just Privacy: Using Contextual Integrity to Evaluate the Long-Term Risks from COVID-19 Surveillance Technologies. *Social Media + Society*. <https://doi.org/10.1177/2056305120948250>
- J.26 Wu, P., Vitak, J., & **Zimmer, M.** (2020). A Contextual Approach to Information Privacy Research. *Journal of the Association for Information Science and Technology*, 71(4). 485-490. <https://doi.org/10.1002/asi.24232>
- J.25 **Zimmer, M.**, Kumar, P., Vitak, J., Liao, Y., & Chamberlain Kritikos, K. (2020). 'There's Nothing Really They Can Do with This Information': Unpacking How Users Manage Privacy Boundaries for Personal Fitness Information. *Information, Communication & Society*, 23(7), 1020–1037. <https://doi.org/10.1080/1369118X.2018.1543442>
- J.24 Chu, K. H., Colditz, J., Sidani, J., **Zimmer, M.**, & Primack, B. (2019). Re-evaluating standards of human subjects protection for sensitive health data in social media networks. *Social Networks*. <https://doi.org/10.1016/j.socnet.2019.10.010>
- J.23 Reuter, K., Zhu, Y., Angyan, P., Le, N., Merchant, A., **Zimmer, M.** (2019). Public Concern About Monitoring Twitter Users and Their Conversations to Recruit for Clinical Trials: Survey Study. *Journal of Medical Internet Research*, 21(10). <https://doi.org/10.2196/15455> **Winner: Best Paper for International Medical Informatics Association (IMIA) Yearbook of Medical Informatics, Section on Consumer Health Informatics and Education]**
- J.22 Pridmore, J., **Zimmer, M.**, Vitak, J., Mols, A., Trottier, D., Kumar, P., & Liao, Y. (2019). Intelligent Personal Assistants and the Intercultural Negotiations of Dataveillance in Platformed

- Households. *Surveillance & Society*, 17(1/2), 125-131.  
<https://ojs.library.queensu.ca/index.php/surveillance-and-society/article/view/12936>
- J.21 **Zimmer, M.** (2018). Addressing Conceptual Gaps in Big Data Research Ethics: An Application of Contextual Integrity. *Social Media + Society*, 4(2). <https://doi.org/10.1177/2056305118768300>
- J.20 Kritikos, K. C., & **Zimmer, M.** (2017). Privacy policies and practices with cloud-based services in public libraries: An exploratory case of BiblioCommons. *Journal of Intellectual Freedom and Privacy*, 2(1), 23-37.
- J.19 Buchanan, E.A., & **Zimmer, M.** (2016). Internet research ethics (revised). *The Stanford Encyclopedia of Philosophy* (Fall 2016 Edition), Edward N. Zalta (ed.).  
<http://plato.stanford.edu/entries/ethics-internet-research/>
- J.18 Hoffmann, A., Proferes, N., and **Zimmer, M.** (2016) "Making the World More Open and Connected": Mark Zuckerberg and the Discursive Construction of Facebook and Its Users. *New Media & Society*, 20(1), 199–218.
- J.17 **Zimmer, M.** (2015). The Twitter Archive at the Library of Congress: Challenges for information practice and information policy. *First Monday*, 20(7).  
<http://journals.uic.edu/ojs/index.php/fm/article/view/5619>
- J.16 **Zimmer, M.** & Proferes, N. (2014). A topology of Twitter research: Disciplines, methods, and ethics. *Aslib Journal of Information Management*, 66(3), 250-261. **[2015 Outstanding Paper award]**
- J.15 **Zimmer, M.** (2014). Librarian attitudes regarding information and Internet privacy. *Library Quarterly*, 84(2), 123-151.
- J.14 **Zimmer, M.** & McCleer, A. (2014). The 2009 West Bend Community Memorial Library Controversy: Understanding the Challenge, the Reactions, and the Aftermath. *Library Trends*, 62(4), 721-729.
- J.13 **Zimmer, M.** (2013). Assessing the treatment of patron privacy in library 2.0 literature. *Information Technology and Libraries*, 32(2), 29-41.
- J.12 **Zimmer, M.** (2013). Patron privacy in the "2.0" era: Avoiding the Faustian bargain of library 2.0. *Journal of Information Ethics*, 22(1), 44-59.
- J.11 Britz, J., Hoffmann, A., Poneis, S., **Zimmer, M.**, & Lor, P. (2012). On considering the application of Amartya Sen's capability approach to an information-based rights framework, *Information Development*, 29(2), 106-113.
- J.10 Buchanan, E.A., & **Zimmer, M.** (2012). Internet research ethics. *The Stanford Encyclopedia of Philosophy* (Fall 2013 Edition), Edward N. Zalta (ed.). Available online at  
<http://plato.stanford.edu/entries/ethics-internet-research/>

- J.9 **Zimmer, M.** (2010). Innovations and challenges in teaching information ethics across educational contexts. *International Review of Information Ethics*, 14, 17-22.
- J.8 **Zimmer, M.** (2010). "But the data is already public": On the ethics of research in Facebook. *Ethics and Information Technology*, 12(4), 313-325.
- J.7 Manders-Huits, N., & **Zimmer, M.** (2009). Values and pragmatic action: The challenges of introducing ethical intelligence in technical design communities. *International Review of Information Ethics*, 10, 37-44.
- J.6 **Zimmer, M.** (2009). Renvois of the past, present and future: Hyperlinks and the structuring of knowledge from the Encyclopédie to Web 2.0. *New Media & Society*, 11(1&2), 107-125.
- J.5 **Zimmer, M.** (2008). Vie privée et quête de la perfection des moteurs de recherche audiovisuels [Privacy and the quest for the perfect audiovisual search engine]. *Questions de Communication*, 14, 115-139. [translated into French]
- J.4 **Zimmer, M.** (2008). The externalities of search 2.0: The emerging privacy threats when the drive for the perfect search engine meets Web 2.0. *First Monday*, 13(3). Available online at <http://firstmonday.org/article/view/2136/1944>
- J.3 **Zimmer, M.** (2008). Privacy on planet Google: Using the theory of "contextual integrity" to expose the privacy threads of Google's quest for the perfect search engine. *Journal of Business & Technology Law*, 3(2), 109-126.
- J.2 **Zimmer, M.** (2005). Surveillance, privacy and the ethics of vehicle safety communication technologies. *Ethics and Information Technology*, 7(4), 201-210.
- J.1 **Zimmer, M.** (2004). The tensions of securing cyberspace: The internet, state power & the national strategy to secure cyberspace. *First Monday*, 9(3). Available online at <http://firstmonday.org/article/view/1125/1045>

#### **PEER-REVIEWED CONFERENCE PROCEEDINGS**

- CP.11 Vitak, J., & **Zimmer, M.** (2021). From watched at work to watched at home: Workplace surveillance during a pandemic. *AoIR Selected Papers of Internet Research*, 2021. <https://doi.org/10.5210/spir.v2021i0.12259>
- CP10 Fiesler, C., **Zimmer, M.**, Proferes, N., Gilbert, S. & Jones, N. (2021). Addressing Ethics in Reddit Research: A Systematic Review. *AoIR Selected Papers of Internet Research*, 2021. <https://doi.org/10.5210/spir.v2021i0.12096>
- CP.9 **Zimmer, M.** & Chapman, E. (2020). Ethical Review Boards and Pervasive Data Research: Gaps and Opportunities. *AoIR Selected Papers of Internet Research*, 2020. <https://doi.org/10.5210/spir.v2020i0.11369>

- CP.8 Keyes, O., Austin, J., & **Zimmer, M.** (2020). Autobiography of An Audit: Tracing the Roots and Repercussions of the HRT-Transgender Database. *AoIR Selected Papers of Internet Research*, 2020. <https://doi.org/10.5210/spir.v2020i0.11249>
- CP.7 Liao, Y., Vitak, J., Kumar, P., **Zimmer, M.**, & Kritikos, K. (2019). Understanding the Role of Privacy and Trust in Intelligent Personal Assistant Adoption. In *Proceedings of the 14th Annual iConference, Lecture Notes in Computer Science (iConference)* (pp. 102-113). **[Winner: Lee Dirks Award for Best Paper]**
- CP.6 Vitak, J., **Zimmer, M.**, Kumar, P., Liao, Y., & Kritikos, K. C. (2018). Privacy attitudes and data valuation among users of fitness trackers. In *Proceedings of the 2018 iConference: Transforming Digital Worlds*. Sheffield, UK.
- CP.5 **Zimmer, M.**, Kritikos, K. C., Vitak, J., Kumar, P., & Liao, Y. (2018). Privacy Boundaries and Information Flow Solipsism in the Personal Fitness Information Ecosystem. *AoIR Selected Papers of Internet Research*. <https://www.spir.aoir.org/ojs/index.php/spir/article/view/10516>
- CP.4 **Zimmer, M.** and Hoffmann, A. (2014). "Privacy and Control in Mark Zuckerberg's Discourse on Facebook" *Selected Papers of Internet Research 15: Boundaries and Intersections*, Daegu, Korea. <http://spir.aoir.org/index.php/spir/article/view/1004>
- CP.3 Quinn, K., **Zimmer, M.**, Fernback, J., Baasanjav, U., & Marwick, A. (2013). The appropriation of privacy: Policies and practices of everyday technology use. *AoIR Selected Papers of Internet Research*, 3. <https://spir.aoir.org/ojs/index.php/spir/article/view/9019>
- CP.2 Zimmer, M. (2012). *Assessing the Treatment of Patron Privacy in Library 2.0 Literature. Proceedings of the 2012 iConference*, (501-503). <https://doi.org/10.1145/2132176.2132264>
- CP.1 **Zimmer, M.** (2012). The ethical (re) design of the Google Books Project. *Proceedings of the 2012 iConference*, 363-369. <https://doi.org/10.1145/2132176.2132223>

### **BOOK CHAPTERS**

- BC.14 **Zimmer, M.** (2019). Privacy. In J. Burgess & E. Knox (Eds.), *Foundations of Information Ethics* (pp. 47-56). ALA Publications.
- BC.13 **Zimmer, M.** (2018). Myspace. In B. Arrigo (Ed.), *The SAGE Encyclopedia of Surveillance, Security, and Privacy* (643-644). Thousand Oaks, CA: Sage Publications.
- BC.12 **Zimmer, M.** (2018). The Twitter Archive at the Library of Congress, Seven Years Later: Challenges for Supporting the Core Values of Librarianship. In P. Fernandez & K. Tilton (Eds.), *Applying Library Values to Emerging Technology: Decision-Making in the Age of Open Access, Maker Spaces, and the Ever-Changing Library* (55-72). Chicago, IL: Association of College and Research Libraries

- BC.11 **Zimmer, M.** & Tijerina, B. (2017). Foundations of privacy in libraries. In B. Newman & B. Tijerina (Eds.), *Protecting Patron Privacy in the 21st Century Library*. Rowman & Littlefield.
- BC.10 **Zimmer, M.** & Caldwell-Stone, D. (2017). Privacy law and regulation. In B. Newman & B. Tijerina (Eds.), *Protecting Patron Privacy in the 21st Century Library*. Rowman & Littlefield.
- BC.9 **Zimmer, M.** (2015). Privacy law and policy. In P. Ang & R. Mansell (Eds.), *The International Encyclopedia of Digital Communication and Society*. Wiley-Blackwell.
- BC.8 **Zimmer, M.** (2013). Internet privacy across borders: “Trading up” or a “Race to the bottom”? In R. Beck (Ed.), *Law and Disciplinarity: Thinking beyond Borders*. New York, NY: Palgrave Macmillan.
- BC.7 **Zimmer, M.,** & Proferes, N. (2013). Privacy on Twitter, Twitter on privacy. In A. Bruns, K. Weller, J. Burgess, M. Mahrt & C. Puschmann (Eds.), *Twitter and Society* (169-181). New York, NY: Peter Lang.
- BC.6 **Zimmer, M.,** & Hoffmann, A. (2012). Privacy, context, and oversharing: Reputational challenges in a Web 2.0 world. In H. Masum & M. Tovey (Eds.), *The Reputation Society: How Online Opinions are Reshaping the Offline World* (pp. 175-184). Cambridge, MA: MIT Press. \*
- BC.5 Manders-Huits, N., & **Zimmer, M.** (2012). Values and pragmatic action: The challenges of engagement with technical communities in support of value-conscious design. In S. Vaughn, E. Felton, & O. Zelenko (Eds.), *Design & Ethics: Reflections on Practice* (pp. 57-73). London: Routledge. \*
- BC.4 **Zimmer, M.** (2011). Privacy protection in the next digital decade: “Trading up” or a “race to the bottom”? In B. Szoka & A. Marcus (Eds.), *The Next Digital Decade: Essays on the Future of the Internet* (pp. 477-482). Washington, DC: TechFreedom.
- BC.3 **Zimmer, M.** (2010). Web search studies: Multidisciplinary perspectives on web search engines. In J. Hunsinger, M. Allen, & L. Klastруп (Eds.), *International Handbook of Internet Research* (pp. 507-521). Dordrecht, The Netherlands: Springer.
- BC.2 **Zimmer, M.** (2009). Privacy on the roads: Mobility, vehicle safety communication technologies, and the contextual integrity of personal information flows. In D. Matheson (Ed.), *Contours of Privacy* (pp. 219-240). Newcastle, UK: Cambridge Scholars. \*
- BC.1 **Zimmer, M.** (2008). The gaze of the perfect search engine: Google as an infrastructure of dataveillance. In A. Spink & M. Zimmer (Eds.), *Web Searching: Multidisciplinary Perspectives* (pp. 77-99). Dordrecht, The Netherlands: Springer.

### **EDITORIALS & PUBLIC ESSAYS**

- E.4 **Zimmer, M.** (2016). OkCupid Study Reveals the Perils of Big-Data Science. *Wired*. Available at <https://www.wired.com/2016/05/okcupid-study-reveals-perils-big-data-science/>



- E.3 **Zimmer, M.** (2014, February 4). Mark Zuckerberg's theory of privacy. *The Washington Post*, C1-C2.
- E.2 **Zimmer, M.** (2011). Facebook's censorship problem. *The Huffington Post*. Available at [http://www.huffingtonpost.com/michael-zimmer/facebooks-censorship-prob\\_b\\_852001.html](http://www.huffingtonpost.com/michael-zimmer/facebooks-censorship-prob_b_852001.html)
- E.1 Hoofnagle, C., & **Zimmer, M.** (2010). How to win friends and manipulate people. *The Huffington Post*. Available at [http://www.huffingtonpost.com/chris-jay-hoofnagle/how-to-win-friends-and-ma\\_b\\_598572.html](http://www.huffingtonpost.com/chris-jay-hoofnagle/how-to-win-friends-and-ma_b_598572.html)

## **OTHER PUBLICATIONS**

- O.26 Vitak, J., & **Zimmer, M.** (2021). Workers' Attitudes toward Increased Surveillance during and after the Covid-19 Pandemic. *Items: Insights from the Social Sciences* (SSRC). <https://items.ssrc.org/covid-19-and-the-social-sciences/covid-19-fieldnotes/workers-attitudes-toward-increased-surveillance-during-and-after-the-covid-19-pandemic/>
- O.25 **Zimmer, M.**, Franco, Z. & Madiraju, P. (2021). Public Opinion Research on Artificial Intelligence in Public Health Responses: Results of Focus Groups with Four Communities. *AAAS Center for Public Engagement with Science and Technology*. (project report)
- O.24 **Zimmer, M.**, Vitak, J., & Wu, P. (2020). Editorial Introduction: Information Privacy in the Digital Age. *Journal of the Association for Information Science and Technology*, 71(9), 997-1001
- O.23 franzke, a., Bechmann, A., **Zimmer, M.**, Ess, C. and the Association of Internet Researchers (2019). *Internet Research: Ethical Guidelines 3.0*. <https://aoir.org/reports/ethics3.pdf>
- O.22 Kinder-Kurlanda, K., & **Zimmer, M.** (2019). Web Research Ethics: Confidentiality, Consent, Data Integrity & More. In *Companion Publication of the 10th ACM Conference on Web Science* (pp. 21-22).
- O.21 Bruns, A., Bechmann, A., Burgess, J., Chadwick, A., Clark, L. S., Dutton, W. H., ... **Zimmer, M.** (2018). Facebook shuts the gate after the horse has bolted, and hurts real research in the process. *Internet Policy Review*. <https://policyreview.info/articles/news/facebook-shuts-gate-after-horse-has-bolted-and-hurts-real-research-process/786>
- O.20 Cath C., **Zimmer, M.**, Lomborg, S. & Zevenbergen, B. (2018). Association of Internet Researchers (AoIR) Roundtable Summary: Artificial Intelligence and the Good Society Workshop Proceedings. *Philosophy & Technology*, 31(1), 155-162.
- O.19 Leurs, K. & **Zimmer, M.** (2017). Platform values: an introduction to the #AoIR16 special issue. *Information, Communication and Society*, 20(6), 803-808.
- O.18 **Zimmer, M.** & Hoffmann, A. L. (2016). Preface: A decade of Web 2.0-Reflections, critical perspectives, and beyond. *First Monday*, 21(6). <http://firstmonday.org/ojs/index.php/fm/article/view/6794>

- O.17 **Zimmer, M.** (Reviewer). (2016). *Digital Research Confidential: The Secrets of Studying Behavior Online*. Hargittai, E. and Sandvig, C (Eds.). MIT Press. In *Journal of the American Society for Information Science and Technology*, 68(7), 1802-1803.
- O.16 **Zimmer, M.** (Reviewer). (2016). *Intellectual Privacy: Rethinking Civil Liberties in the Digital Age*. Richards, N. Oxford University Press. In *In Libris Libertas: A Journal of Intellectual Freedom and Privacy*, 1(1), 18-19.
- O.15 **Zimmer, M.** (2016). OkCupid and the Ethics of Big Data Research. *Ampersand: The PRIM&R Blog*. Available at <http://blog.primr.org/okcupid-ethics-big-data-research/>
- O.14 **Zimmer, M.** (2015, May 6). Toward a Set of Best Practices to Protect Patron Privacy in Library 2.0. *Choose Privacy Week Blog*. Available at <https://chooseprivacyweek.org/choose-privacy-week-2015-toward-a-set-of-best-practices-to-protect-patron-privacy-in-library-2-0/>
- O.13 Britz, J. & **Zimmer, M.** (2014). The digital future of education: An introduction. *International Review of Information Ethics*, 21, 2.
- O.12 **Zimmer, M.** (2012). Commentary: Studying cyborgs: re-examining internet studies as human subjects research. *Journal of Information Technology*, 27, 313–314.
- O.11 Nagel, D., Rath, M., & **Zimmer, M.** (2012). Secrets about secrecy: An introduction. [Preface: Special issue on Ethics of Secrecy]. *International Review of Information Ethics*, 17, 1-2.
- O.10 Buchanan, E., & **Zimmer, M.** (2009). West Bend Public Library challenge: The good, the bad, the ugly. *Wisconsin Library Association Intellectual Freedom Roundtable Newsletter*, 15(2).
- O.9 **Zimmer, M.** (Reviewer). (2009). Search Engine Society. Halavais, A. Cambridge: Polity. In *New Media & Society* 11(6), 1071-1074.
- O.8 **Zimmer, M.** (2008). Preface: Special issue on critical perspectives on Web 2.0. *First Monday*, 13(3). Available online at <http://firstmonday.org/article/view/2137/1943>
- O.7 **Zimmer, M.** (2008). Privacy and the drive for the perfect audiovisual search engine, In *IRIS Special: Searching for Audiovisual Content*, special report of the European Audiovisual Observatory
- O.6 **Zimmer, M.** (Reviewer). (2008). Theorizing Surveillance: The Panopticon and Beyond, Lyon, D. (Ed.). Portland, OR: Willan. In *Surveillance & Society* 5(2), 203-205.
- O.5 **Zimmer, M.** (Reviewer). (2008). Privacy protection in the network society: “Trading up” or a “race to the bottom”? [Review of the books *The Governance of Privacy: Policy Instruments in Global Perspective*, by C. Bennett & C. Raab, and *Negotiating Privacy: The European Union, the United States, and Personal Data Protection*, by D. Heisenberg]. In *The Information Society*, 24(1). 65-67.
- O.4 Schneider, T. & **Zimmer, M.** (Eds.). (2006). Identity and Identification in a Networked World [Introduction]. *First Monday*, 11(12).

- O.3 **Zimmer, M.** (2005). The value implications of the practice of paid search. *Bulletin of the American Society for Information Science and Technology*.
- O.2 **Zimmer, M.** (Reviewer). (2004). The Digital Person: Technology and Privacy in the Information Age, Solove, D. New York: NYU Press. In *Ethics and Information Technology*, 6(4), 301-302.
- O.1 **Zimmer, M.** (Reviewer). (2004). Communication in History: Technology, Culture, Society (4th ed.), Crowley, D. & Heyer, P. (Eds.). Boston: Pearson. In *Explorations in Media Ecology*, 3(2), 143-146.

### **WORKSHOPS AND EVENTS ORGANIZED**

- W.20 Ethics of Big Data Symposium on “Applied Algorithmic Ethics.” Marquette University and Northwestern Mutual Data Science Institute, Milwaukee, WI (November 2021) [*virtual due to COVID-19*]
- W.19 Workshop on “Designing for Data Awareness: Addressing Privacy and Security Concerns About “Smart” Technologies.” 24th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW). Co-organized with Jessica Vitak, Anna Lenhart, Sunyup Park, Richmond Wong, Yaxing Lao. (October 2021) [*virtual due to COVID-19*]
- W.18 Panel on “AoIR Ethics Panel: Platform Challenges” Association of Internet Researchers annual conference, Philadelphia, PA (October 2021) [*virtual due to COVID-19*]
- W.17 Panel on “AoIR Ethics Panel: Practices and Roadmaps” Association of Internet Researchers annual conference, Philadelphia, PA (October 2021) [*virtual due to COVID-19*]
- W.16 Tutorial on “Engaging the Ethics of “Public” Data in Social Media Research.” International Conference on Web and Social Media (ICWSM). Co-organized with Casey Fiesler, Katharina Kinder-Kurlanda, Jacob Metcalf, Emmanuel Moss, and Katie Shilton. (June 2021) [*virtual due to COVID-19*]
- W.15 Tutorial on “A Crash Course in Motivating, Supporting, and Expanding Ethical Thinking in the Tech Classroom.” ACM Conference on Fairness, Accountability, and Transparency (FAcCT). Co-organized with Casey Fiesler, Solon Barocas, Augustin Chaintreau, and Jessie Smith. (March 2021) [*virtual due to COVID-19*]
- W.14 Ethics of Big Data Symposium on “Race, Representation, and Justice.” Marquette University and Northwestern Mutual Data Science Institute, Milwaukee, WI (September 2020) [*virtual due to COVID-19*]
- W.13 Workshop on “Data is People” 2020 International Conference on Web and Social Media (ICWSM), Atlanta, GA. Co-organized with Jessica Pater, Alicia Nobles, Sarah Gilbert, Casey Fiesler. (June 2020) [*virtual due to COVID-19*]

- W.12 Tutorial on “Web research ethics: Confidentiality, consent, data integrity & more” WebSci 2019, Boston, MA. Co-organized with Katharina Kinder-Kurlanda. (2019)
- W.11 Workshop on “Mapping Privacy and Surveillance Dynamics in Emerging Mobile Ecosystems.” Rotterdam, Netherlands. Co-organized with Jason Pridmore, Daniel Trottier, and Jessica Vitak. (2019)
- W.10 Workshop on “Conceptualizing the Future of Information Privacy Research.” iConference 2019, Washington DC. Co-organized with Jessica Vitak and Philip Wu. (2019)
- W.9 Interactive Session on “The Pervasive Data Ethics Festivus!” iConferene 2019, Washington DC. Co-organized with Matthew Bietz, Jacob Matcalf, Katie Shilton, Jessica Vitak. (2019)
- W.8 Workshop on “Mapping Privacy and Surveillance Dynamics in Emerging Mobile Ecosystems.” University of Maryland, College Park, MD. Co-organized with Jessica Vitak, Jason Pridmore, and Daniel Trottier. (2018)
- W.7 “Library Values and Privacy Summit.” Data & Society Research Institute, New York, NY. Co-organized with Bonnie Tijerina. (2018)
- W.6 Panel on “Values Interventions: Ethics scholarship in action.” iConference 2013, Fort Worth, TX. (2013)
- W.5 Workshop on “Research, the Cloud and the IRB.” Advancing Ethical Research conference, Public Responsibility in Medicine and Research (PRIM&R), Washington, DC. Co-organized with Elizabeth Buchanan. (2011)
- W.4 Panel on “Innovations and Challenges in Teaching Information Ethics Across Contexts.” Association for Library and Information Science Education, San Diego, CA. (2011)
- W.3 Panel on “On the Philosophy of Facebook.” Association of Internet Researchers Conference, Gothenburg, Sweden. (2010)
- W.2 Workshop on “Identifying Challenges and Opportunities for an African Information Ethics.” Access to Knowledge Conference, Yale Law School, New Haven, CT. (2010)
- W.1 Panel on “On the Challenges of Implementing Library 2.0 Services.” ASIS&T Annual Meeting, Vancouver, British Columbia, Canada. (2009)

### **KEYNOTES & PLENARY APPEARANCES**

- K.10 *Lasting Impact Award*. Plenary panel discussion at ACM Conference on Computer- Supported Cooperative Work And Social Computing (CSCW). (October 2021) [virtual due to COVID-19]
- K.9 *The Challenge of Training in Big Data Ethics: Why is it Hard?* Keynote address at Expanding Graduate Training in RCR: Big Data Ethics, University of Maryland. (April 2021) [virtual due to COVID-19]

- K.8 *The Future of Home, Office, School in the Age of Pandemic*. Plenary panel presentation at IEEE World Conference on Services. (October 2020) [virtual due to COVID-19]
- K.7 *COVID-19, Contact Tracing, and Privacy as Contextual Integrity*. Plenary panel discussion at Virtual Town Hall: Contextual Integrity of Contact Tracing. (September 2020) [virtual due to COVID-19]
- K.6 *Implications of Data Privacy and Security in a Time of Crisis*. Plenary panel discussion at Summerfest Tech, Milwaukee WI. (September 2020) [virtual due to COVID-19]
- K.5 *Creating and Managing Big Data in 21<sup>st</sup> Century Research: Ethical Issues*. Keynote address at Annual Research Ethics Day Conference, University of Minnesota, Minneapolis, MN. (March 2020)
- K.4 *Convergence and Transformation of Data Digitally via AI, ML, Autonomous Systems*. Plenary panel discussion at IEEE COMPSAC 2019, Milwaukee, WI. (July 2019)
- K.3 *Pervasive Data Ethics for Computational Research*. Keynote address at 4<sup>th</sup> Annual Marquette Ethics of Big Data Symposium, Northwest Mutual Data Science Institute, Milwaukee, WI. (May 2019)
- K.2 *Research, the Cloud, and the IRB*. Keynote address at Sixth Annual Virginia IRB Consortium Conference. Charlottesville, VA. (October 2012)
- K.1 *Research Ethics in the 2.0 Era: Conceptual Gaps for Ethicists, Researchers, IRBs*. Plenary panel presentation at Advancing Ethical Research conference, Public Responsibility in Medicine and Research (PRIM&R), Washington, DC. (December 2011)

### **INVITED TALKS**

- TL.40 “How do you Approach Online Research from an Ethical Standpoint in Injury and Violence-- Ethical Review Overview “. Workshop on Ethical Implications for Online Research, American Public Health Association (APHA) in partnership with the Centers for Disease Control and Prevention’s National Center for Injury Prevention and Control (NCIPC). (November 2021) [virtual due to COVID-19]
- TL.39 *Data Ethics During a Pandemic*, University of Michigan Interactive and Social Computing (MISC) Research Group. (April 2021) [virtual due to COVID-19]
- TL.38 Invited Panelist: “So You Want to Be a Tech Ethicist (No Scrubs Edition)”, MozFest 2021. (April 2021) [virtual due to COVID-19]
- TL.37 Invited Panelist: “Algorithmic Bias: Sources and Responses”, Technology Ethics Center, University of Notre Dame. (November 2020) [virtual due to COVID-19]

- TL.36 Invited Panelist: *Privacy after pandemic: Emerging directions in privacy research*, Comparative Privacy Research Network. (June 2020) [virtual due to COVID-19]
- TL.35 *IRBs and Big Data Research Ethics*. Workshop on “Privacy & Health Research in a Data-Driven World” Office of Human Research Protection (OHRP), U.S. Department of Health and Human Services, Bethesda, MD. (September 2019)
- TL.34 *Addressing Conceptual Gaps in Big Data Research Ethics*. Meeting on Privacy and Informed Consent in an Era of Big Data, National Academies of Sciences, Engineering, and Medicine's Committee on Science, Technology, and Law (CSTL), Pasadena, CA. (2018)
- TL.33 *Addressing Conceptual Gaps in Big Data Research Ethics*. Symposium on Ethical Dilemmas for Internet Researchers, University of Tartu, Estonia. (October 2017)
- TL.32 *Research Ethics in the Big Data Era: Addressing Conceptual Gaps for Researchers and IRBs*. Symposium on Ethics of Big Data, Marquette University, Milwaukee, WI. (2017)
- TL.31 Workshop on “The Ethics of Data Access, Use, and Sharing for Human Subjects Research” Public Responsibility in Medicine and Research (PRIM&R), Boston, MA. (2017)
- TL.30 Invited Panelist: *Privacy, technology and surveillance in the digital age: The Big Brother scenario*. Midwest United States Association for Information Systems (MWAIS) conference, Milwaukee, WI. (2016)
- TL.29 *The Zuckerberg Files: Why Making Everything Mark Zuckerberg Says Public can Protect your Privacy*. Oklahoma Center for the Humanities, Tulsa, OK. (2014)
- TL.28 *The Zuckerberg Files: Why Making Everything Mark Zuckerberg Says Public can Protect your Privacy*. Center for Professional & Applied Ethics, UNC-Charlotte. Charlotte, NC. (2014)
- TL.27 *New Media, New Ethics: How Internet-Based Research Demand Renewed Attention to Research Ethics*. Center for Professional & Applied Ethics, UNC-Charlotte. Charlotte, NC. (2014)
- TL.26 *Is Library User Privacy still Paramount in the 2.0 Era?* Conversations on Morality, Politics, and Society, Ohio State University. Columbus, OH. (2013)
- TL.25 Invited Panelist: *Perspectives on Youth & Privacy*. American Library Association Annual Conference. Anaheim, CA, June. (2012)
- TL.24 *The Ethical (Re)Design of the Google Books Project*. Current Research Webinar Series, Institute of Museum and Library Services. Washington, DC. (2012)
- TL.23 *Ethics of Social Media Research*. Integrating Research Ethics & Scholarship Educational Series, University of Wisconsin-Madison. Madison, WI. (2012)
- TL.22 *Internet Research Ethics: Conceptual Gaps for Ethicists, Researchers, IRBs*. University of Pittsburgh Institutional Review Board Educational Series. Pittsburgh, PA. (2012)

- TL.21 *Internet Ethics Issues and Action in the United States*. International Symposium on Internet Ethics, Korean Internet Security Agency. Seoul, South Korea. (2012)
- TL.20 *Promoting Ethical Literacy in Youth: How Librarians Can Partner with Parents and Teachers*. American Library Association Annual Conference. New Orleans, LA. (2011)
- TL.19 *Youth, Privacy, and Freedom: Using Libraries to Engage Young People*. Computers, Freedom, and Privacy Conference. Washington, DC. (2011)
- TL.18 *Internet Research Ethics: Issues and Challenges*. Department of Energy Human Subjects Working Group Workshop, Washington, DC. (2011)
- TL.17 *Promoting Ethical Literacy in the Age of Facebook*. Visions & Expressions Lecture Series, University of Wisconsin-Waukesha. Waukesha, WI. (2011)
- TL.16 *WikiLeaks & Information Ethics*. Law Library Association of Wisconsin, Milwaukee, WI. (2011)
- TL.15 *Wikileaks vs. Intellectual Freedom*. Brookfield Public Library, Brookfield, WI. (2011)
- TL.14 *Research Ethics in the 2.0 Era: Conceptual Gaps for Ethicists, Researchers, IRBs*. Presentation before the Secretary's Advisory Committee on Human Research Protections (SACHRP), Office for Human Research Protections, U.S. Department of Health and Human Services. Washington, DC. (2010)
- TL.13 *Library 2.0 and Patron Privacy: Avoiding a Faustian Bargain*. Privacy Day, UWM Libraries, University of Wisconsin-Milwaukee, May. (2010)
- TL.12 *The Google Books Settlement: Preserving Intellectual Freedom in the Face of Googlization*. Featured speaker for WLA Intellectual Freedom Round Table, Wisconsin Association of Academic Librarians conference. Milwaukee, WI. (2010)
- TL.11 *Thoughts on Privacy and the Google Book Settlement: What's At Stake, Why We Need to Advocate, and What We Can Do*. The Google Books Settlement and the Future of Information Access, UC-Berkeley School of Information. Berkeley, CA. (2009)
- TL.10 *Library 2.0, Access to Knowledge & Patron Privacy: Avoiding a Faustian Bargain*. Library 2.0 Symposium, Information Society Project, Yale Law School. New Haven, CT. (2009)
- TL.9 *Contextual Integrity as a Normative Guide for Privacy*. Society of American Archivists Annual Conference. San Francisco, CA. (2008)
- TL.8 *Privacy and Audiovisual Search*. Expert Workshop on "Audiovisual Search: Regulatory Challenges for Audiovisual Abundance," Institute for Information Law, University of Amsterdam. Amsterdam, The Netherlands. (2008)
- TL.7 *Privacy and Quæro's Quest for the Perfect Search Engine: Threats and Opportunities*. Forum on Quæro: A Public Think Tank on the Politics of the Search Engine, Jan van Eyck Academie, Maastricht, The Netherlands. (2007)

- TL.6 *Privacy, Contextual Integrity, and the Quest for the Perfect Search Engine*. Institute for Information Law, University of Amsterdam, Amsterdam, The Netherlands. (2007)
- TL.5 *Driving for the Perfect Search: Values, Technical Design, and the Flow of Personal Information in Spheres of Mobility*. Information Society Project Speaker Series, Yale Law School. New Haven, CT. (2006)
- TL.4 *Values & Pragmatic Action: The Challenges of Engagement with Technical Design Communities*. Philosophy Department Colloquium, Delft University of Technology, Delft. The Netherlands. (2006)
- TL.3 *Values & Pragmatic Action: The Challenges of Engagement with Technical Design Communities*. Philosophy Department Colloquium, University of Twente. Enschede, The Netherlands. (2006)
- TL.2 *Surveillance in Spheres of Mobility: Ethics, Values, and the Design of Networked Vehicle Information Systems*. Department of Philosophy and the History of Technology, Royal Institute of Technology. Stockholm, Sweden. (2006)
- TL.1 *The Panoptic Gaze of Web 2.0: How Web 2.0 Platforms act as Infrastructures of Dataveillance*. Seminar on Social Software and Web 2.0: Critical Perspectives and Challenges for Research and Business. Aalborg University, Aalborg, Denmark. (2006)

#### **EVENTS ATTENDED BY INVITATION ONLY**

- EV.24 “Ethical Implications for Online Research Collaborative”, American Public Health Association (APHA) and the Centers for Disease Control and Prevention’s National Center for Injury Prevention and Control (NCIPC). (November 2021) [virtual due to COVID-19]
- EV.23 “Research Data Sharing Salon Dinner Series”, Future of Privacy Forum (November 2021) [virtual due to COVID-19]
- EV.22 “Workshop on Proposed Framework for Consumer Health Data Privacy”, Data & Society (July 2021) [virtual due to COVID-19]
- EV.21 “Establishing the Roadmap for Security, Privacy, and Ethics in Health and Biomedical Research” Workshop, funded by National Science Foundation and National Institutes of Health, hosted by Rutgers University. (May 2021) [virtual due to COVID-19]
- EV.20 “Ethics in Cybersecurity” Workshop, funded by Department of Defense Cyber Scholarship Program. (2020) [virtual due to COVID-19]
- EV.19 “Good Systems: Ethical AI for CSCW” Workshop at CSCW 2019, Austin, TX. (2019)
- EV.18 “Ubiquitous Privacy: Research and Design for Mobile and IoT Platforms” Workshop at CSCW 2019, Austin, TX. (2019)



- EV.17 “Data Science Ethics Education Workshop”, FAT\* Conference, New York University, New York, NY. (2018)
- EV.16 “AI Now 2017 Experts Workshop”, Invitation-only “experts” workshop organized by Artificial Intelligence Now group, Cambridge, MA. (2017)
- EV.15 “AI Now: The Social and Economic Implications of Artificial Intelligence Technologies in the Near-Term”, Invitation-only “experts” workshop organized by The White House and New York University, New York, NY. (2016)
- EV.14 Workshop on “Challenges and Futures for Ethical Social Media Research”, International Conference on Weblogs and Social Media (ICWSM), Cologne, Germany. (2016)
- EV.13 Workshop on “Catalyzing Privacy by Design”, Computing Community Consortium, Washington, DC. (2016)
- EV.12 Workshop on “Beyond IRBs: Designing Ethical Review Processes for Big Data”, Future of Privacy Forum, Washington, DC. (2015)
- EV.11 Workshop on “Privacy Enabling Design”, Computing Community Consortium, Atlanta, GA. (2015)
- EV.10 “Revisiting the Children’s Internet Protection Act (CIPA) Ten Years Later” symposium, Google and American Library Association, Washington, DC. (2013)
- EV.9 Innovation Outreach Program on Innovation & Privacy, Microsoft, New York, NY. (2011)
- EV.8 Webinar on “Privacy ‘Hot Topics’ and Programs to Educate & Engage Library Users.” American Library Association, Office of Intellectual Freedom. (2011)
- EV.7 Workshop on “Privacy & Youth.” American Library Association, Office of Intellectual Freedom, Chicago, IL. (2011)
- EV.6 Workshop on “Ethical, Legal and Social Issues of Personally Identifiable Information.” National Science Foundation / DARPA, Washington, DC. (2011)
- EV.5 Workshop on “Revisiting Research Ethics in the Facebook Era: Challenges in Emerging CSCW Research.” Computer Supported Cooperative Work Conference (CSCW). Savannah, GA. (2010)
- EV.4 Workshop on “Ethics and Internet Research Commons: Building a Sustainable Future.” Association of Internet Researchers Conference, Gothenburg, Sweden.
- EV.3 Workshop on “Facilitating Better and Faster IRB Approvals for DML Research.” Project of MacArthur Foundation Digital Media and Learning initiative. Irvine, CA (May) and Palo Alto, CA. (August 2010)
- EV.2 Public Interest Roundtable and Consultation. Google, Mountain View, CA. (2009)
- EV.1 Data Confidentiality Workshop. National Science Foundation, Arlington, VA. (2007)

**CONFERENCE PAPER PRESENTATIONS (NON-PROCEEDINGS)**

- PR.25 *Patron Privacy in the 2.0 Era: Avoiding the Faustian Bargain of Library 2.0*. Information Privacy Workshop at iConference 2013. Fort Worth, TX. (2013)
- PR.24 *The Ethics of Twitter Research: A Topology of Disciplines, Methods and Ethics Review Boards*. 2nd Annual International Symposium on Digital Ethics, Center for Digital Ethics & Policy, Loyola University Chicago. Chicago, IL. (2012)
- PR.23 *New Media, New Ethics: How Social Media-based Research Demands New Attention to Research Ethics*. International Communication Association, Phoenix, AZ. (2012)
- PR.22 *Library Privacy in the 2.0 Era: Avoiding a Faustian Bargain*. Information Ethics Roundtable. New York, NY. (2012)
- PR.21 *Research Ethics in the Digital Era*. International Symposium on Digital Ethics, Center for Digital Ethics, Loyola University Chicago. Chicago, IL. (2011)
- PR.20 *From Codification to Actualization: Applying Amartya Sen's Capability Approach to an Information-Based Rights Framework*. Information Ethics Roundtable, University of Arizona, Tuscon, AZ. (2011)
- PR.19 *The Laws of Social Networking, or, How Facebook Feigns Privacy*. Association of Internet Researchers Conference. Gothenburg, Sweden. (October 2010)
- PR.18 *"But the Data is Already Public": On the Ethics of Research in Facebook*. Association of Internet Researchers Conference. Milwaukee, Wisconsin. (October 2009)
- PR.17 *"But the Data is Already Public": On the Ethics of Research in Facebook*. International Conference of Computer Ethics: Philosophical Enquiry. Corfu, Greece. (2009)
- PR.16 *Renvois of the Past, Present and Future: Hyperlinks, Discourse Networks, and the Structuring of Knowledge from the Encyclopédie to Web 2.0*. Pre-conference on the Long History of New Media, International Communication Association Annual Conference. Montreal, Canada. (2008)
- PR.15 *The Externalities of Search 2.0: The Flow of Personal Information in the Drive for the Perfect Search Engine*. American Society for Information Science and Technology Annual Meeting, Milwaukee, WI. (2007)
- PR.14 *Surveillance 2.0: Peer-to-Peer Surveillance, Amateur Data Mining, and the (Unintended?) Consequences of Web 2.0*. Society for Social Studies of Science Annual Conference. Montreal, Canada. (2007)
- PR.13 *Search 2.0: Web 2.0, Personal Information Flows, and the Drive for the Perfect Search Engine*. Association of Internet Researchers Conference. Vancouver, Canada. (2007)

- PR.12 *Values & Pragmatic Action: The Challenges of Engagement with Technical Design Communities*. International Conference of Computer Ethics: Philosophical Enquiry. San Diego, CA. (2007)
- PR.11 *The Panoptic Gaze of Web Search Engines*. National Communication Association Annual Conference. San Antonio, TX. (2006)
- PR.10 *Values & Pragmatic Action: The Challenges of Engagement with Technical Design Communities*. Society for Social Studies of Science Annual Conference. Vancouver, Canada. (2006)
- PR.9 *Privacy on the Roads: How the Design of New Vehicle Safety Communication Technologies Impact Drivers' Privacy in Public*. *Contours of Privacy: Social, Psychological and Normative Perspectives*. Carleton University, Ottawa, Canada. (2005)
- PR.8 *The Value Implications of the 'Google Paradigm' for Organizing, Distributing and Accessing Information*. Association of Internet Researchers Conference. Chicago, IL. (2005)
- PR.7 *Privacy and the Design of Vehicle Safety Communication Technologies*. Society for Philosophy and Technology Conference. Delft, The Netherlands. (2005)
- PR.6 *Surveillance, Privacy and the Ethics of Vehicle Safety Communication Technologies*. International Conference of Computer Ethics: Philosophical Enquiry. Enschede, The Netherlands. (2005)
- PR.5 *Media Ecology and Value Sensitive Design: A Combined Approach to Understanding the Biases of Media Technology*. Media Ecology Association Conference. New York, NY. (2005)
- PR.3 *Privacy and the Design of Vehicle Safety Communication Technologies*. Science and Technology in Context: An Interdisciplinary Graduate Student Conference. AAAS, Washington, DC. (2005)
- PR.2 *The Tensions of Securing Cyberspace*. National Communication Association Annual Conference. Chicago, IL. (2004)
- PR.1 *The Ideology of Control in Interface Technologies*. MIT-RPI-Cornell STS Graduate Student Conference. Troy, NY. (2004)

### **MEDIA MENTIONS AND INTERVIEWS**

- M.67 *Gizmodo*, "We're Making the Facebook Papers Public. Here's Why and How" by Dell Cameron, Andrew Couts, and Shoshana Wodinsky. (November 22, 2021) <https://gizmodo.com/we-re-making-the-facebook-papers-public-here-s-why-and-1848083026?rev=1637600362878>
- M.66 *Pew Research Center*, "Experts Doubt Ethical AI Design Will Be Broadly Adopted as the Norm Within the Next Decade" (June 16, 2021) <https://www.pewresearch.org/internet/2021/06/16/1-worries-about-developments-in-ai/>
- M.65 *Pew Research Center*, "Experts Say the 'New Normal' in 2025 Will Be Far More Tech-Driven, Presenting More Big Challenges" (February 18, 2021)

<https://www.pewresearch.org/internet/2021/02/18/experts-say-the-new-normal-in-2025-will-be-far-more-tech-driven-presenting-more-big-challenges>

- M.64 *American Association for the Advancement of Science*, “AAAS Project to Promote Socially Responsible Artificial Intelligence in Healthcare Kicks Off with Public Opinion Work” by Elana Kimbrell. (January 21, 2021) <https://www.aaas.org/news/aaas-project-promote-socially-responsible-artificial-intelligence-healthcare-kicks-public>
- M.63 *Experience Magazine*, “If an app can help you spy, can you resist?” by Alix Strauss. (December 9, 2020) <https://expmag.com/2020/12/if-an-app-can-help-you-spy-can-you-resist/>
- M.62 *Gizmodo*, “Could Someone Hack My Microchip Implant?” by Daniel Kolitz. (October 5, 2020) <https://gizmodo.com/could-someone-hack-my-microchip-implant-1845216410>
- M.61 *SENTIO: an interdisciplinary social science journal*, “Navigating ethics in the digital age: an interdisciplinary approach (interview with Michael Zimmer)” by Saba Karim Khan. (October 2020) [https://sentiojournal.uk/wp-content/uploads/2020/10/Sentio\\_Issue\\_2\\_Features\\_04.pdf](https://sentiojournal.uk/wp-content/uploads/2020/10/Sentio_Issue_2_Features_04.pdf)
- M.60 *Association for Computing Machinery*, “People of ACM – Michael Zimmer” (April 20, 2020) <https://www.acm.org/articles/people-of-acm/2020/michael-zimmer>
- M.59 *Los Angeles Times*, “Shadowy data brokers make the most of their invisibility cloak” by David Lazarus. (November 5, 2019) <https://www.latimes.com/business/story/2019-11-05/column-data-brokers>
- M.58 *Communications of the ACM*, “Who Owns Your Face?” by Samuel Greengard. (June 18, 2019) <https://cacm.acm.org/news/237592-who-owns-your-face/fulltext>
- M.57 *WUWM Radio*, “Computer Experts Discuss The Balancing Act Of Big Data & Ethics” by Chuck Quirmback. (May 2, 2019) <https://www.wuwm.com/economy-business/2019-05-02/computer-experts-discuss-the-balancing-act-of-big-data-ethics>
- M.56 *Harpers Magazine*, “Preservation Acts: Toward an ethical archive of the web” by Nora Caplan-Bricker. (December 2018) <https://harpers.org/archive/2018/12/preservation-acts-archiving-twitter-social-media-movements/>
- M.55 *Communications of the ACM*, “The New Face of Law Enforcement” by Samuel Greengard. (November 6, 2018) <https://cacm.acm.org/news/232505-the-new-face-of-law-enforcement/fulltext>
- M.54 *Communications of the ACM*, “Chip Implants Get Real” by Samuel Greengard. (October 23, 2018) <https://cacm.acm.org/news/232099-chip-implants-get-real/fulltext>
- M.53 *American Libraries Magazine*, “Data Collection and Privacy: Balancing information needs with patron protection” by Greg Landgraf. (September 4, 2018) <https://americanlibrariesmagazine.org/2018/09/04/data-collection-privacy-learning-analytics/>

- M.52 *Salon*, “This company will implant a microchip under your skin. Who wouldn’t want that?” by Nicole Karlis. (August 21, 2018) <https://www.salon.com/2018/08/20/this-company-will-implant-a-microchip-under-your-skin-who-wouldnt-want-that/>
- M.51 *CNBC*, “Mark Zuckerberg has been talking about privacy for 15 years — here’s almost everything he’s said” by Anita Balakrishnan. (April 9, 2018) <https://www.cnbc.com/2018/03/21/facebook-ceo-mark-zuckerbergs-statements-on-privacy-2003-2018.html>
- M.50 *All Things Considered* (National Public Radio), “Library of Congress Announces It Will Be Selective In Which Tweets It Archives” (December 27, 2017) <https://www.npr.org/2017/12/27/573870644/library-of-congress-announces-it-will-be-selective-in-which-tweets-it-archives>
- M.49 *WUWM Milwaukee Public Radio*, “PERVADE Tackles Ethical Questions on Big Data Use” with Joy Powers (October 9, 2017) <https://www.wuwm.com/podcast/lake-effect-segments/2017-10-09/pervade-tackles-ethical-questions-on-big-data-use>
- M.48 *FOX 6 News*, “‘Something you’ll never forget:’ Experts new recommendations for picking a secure password” by Jenna Sachs. (October 2, 2017) <https://www.fox6now.com/news/something-youll-never-forget-experts-new-recommendations-for-picking-a-secure-password>
- M.47 *ABC News*, “Microchip implants chart new territory, but some experts say they are an ethical nightmare” by Karma Allen. (August 3, 2017) <https://abcnews.go.com/Technology/microchip-implants-chart-territory-call-ethical-nightmare/story?id=48987219>
- M.46 *The Washington Post*, “Some feared hackers and the devil. Others got microchipped” by Danielle Paquette. (August 1, 2017) <https://www.washingtonpost.com/news/wonk/wp/2017/08/01/some-feared-hackers-and-the-devil-others-got-microchipped/>
- M.45 *All Things Considered* (National Public Radio), “This Wisconsin ‘Chip Party’ Doesn’t Come With Cheese Dip” (July 30, 2017) <https://www.npr.org/2017/07/30/540448094/this-wisconsin-chip-party-doesnt-come-with-cheese-dip>
- M.44 *The Joy Cardin Show* (Wisconsin Public Radio), “Should Businesses Microchip Their Employees?” (July 27, 2017) <https://www.wpr.org/shows/should-businesses-microchip-their-employees>
- M.43 *Associated Press*, “Cyber staff: Wisconsin company offers to microchip employees” by Ivan Moreno. (July 26, 2017) <https://apnews.com/article/42db49fad7f74ec1bf39ab276c38766c>
- M.42 *Thrive Global*, “Tech Companies May Soon Know More About Your Emotions Than You Do” by Drake Baer. (May 5, 2017) <https://medium.com/thrive-global/tech-companies-may-soon-know-more-about-your-emotions-than-you-do-d94602b23d2c>

- M.41 *New York Magazine*, “How Facebook Can Fix Its Fake-News Problem” by Drake Baer. (November 14, 2016) <https://nymag.com/intelligencer/2016/11/how-facebook-can-fix-its-fake-news-problem.html>
- M.40 *Software Engineering Daily*, “Zuckerberg Files with Michael Zimmer and Nick Proferes” podcast (September 28, 2016) <https://softwareengineeringdaily.com/2016/09/28/zuckerberg-files-with-michael-zimmer-and-nick-proferes/>
- M.39 *Le Monde*, “Les patrons très politiques de la Silicon Valley” by Damien Leloup. (September 15, 2016) [https://www.lemonde.fr/pixels/article/2016/09/15/les-patrons-tres-politiques-de-la-silicon-valley\\_4998159\\_4408996.html](https://www.lemonde.fr/pixels/article/2016/09/15/les-patrons-tres-politiques-de-la-silicon-valley_4998159_4408996.html)
- M.38 *The Guardian*, “The Zuckerberg Files: everything the Facebook CEO has said publicly” by Anna Lauren Hoffmann. (September 2, 2016) <https://www.theguardian.com/technology/2016/sep/02/mark-zuckerberg-files-facebook-public-statements>
- M.37 *The Wall Street Journal*, “WhatsApp to Share User Data with Facebook” by Deepa Seetharaman and Brian Fitzgerald. (August 25, 2016) <https://www.wsj.com/articles/whatsapp-to-share-user-data-with-facebook-1472137680>
- M.36 *The Atlantic*, “Can Twitter Fit Inside the Library of Congress?” by Andrew McGill. (August 4, 2016) <https://www.theatlantic.com/technology/archive/2016/08/can-twitter-fit-inside-the-library-of-congress/494339/>
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- M.10 *CBSNews.com*, “Google Book Search? Try Google Library” by Tom Krazit. (February 24, 2010) <https://www.cbsnews.com/news/google-book-search-try-google-library/>
- M.9 National Public Radio’s *Morning Edition* “Groups Complain to FTC About Facebook Changes” by Martin Kaste. (January 4, 2010) <https://www.npr.org/templates/story/story.php?storyId=122207591>
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- M.3 *Technology Review*, "Maintaining Multiple Personas Online" by Erica Naone. (February 11, 2008)  
<https://www.technologyreview.com/2008/02/11/128188/maintaining-multiple-personas-online/>
- M.2 *Montreal Gazette*, "All Eyes on You" by Marian Scott. (March 3, 2007)
- M.1 *The Boston Globe*, "Online Plagiarism Strikes Blog World" by Maura Welch. (May 8, 2006)  
[http://archive.boston.com/business/articles/2006/05/08/online\\_plagiarism\\_strikes\\_blog\\_world](http://archive.boston.com/business/articles/2006/05/08/online_plagiarism_strikes_blog_world)

### **AWARDS AND HONORS**

- 2020 **Best Paper, International Medical Informatics Association (IMIA) Yearbook of Medical Informatics, Section on Consumer Health Informatics and Education**  
 Reuter ,K., Zhu, Y., Angyan, P., Le, N., Merchant, A., Zimmer, M. (2019). Public Concern About Monitoring Twitter Users and Their Conversations to Recruit for Clinical Trials: Survey Study. *Journal of Medical Internet Research*, 21(10).
- 2019 **Lee Dirks Award for Best Paper, iConference 2019.**  
 Liao, Y., Vitak, J., Kumar, P., Zimmer, M., & Kritikos, K. (2019). Understanding the Role of Privacy and Trust in Intelligent Personal Assistant Adoption. In *Proceedings of the 14th Annual iConference, Lecture Notes in Computer Science (iConference)* (pp. 102-113).
- 2018 **Finalist, Lee Dirks Award for Best Paper, iConference 2018**  
 Vitak, J., Zimmer, M., Kumar, P., Liao, Y., & Kritikos, K. C. (2018). Privacy attitudes and data valuation among users of fitness trackers. In *Proceedings of the 2018 iConference: Transforming Digital Worlds*. Sheffield, UK.
- 2015 **Outstanding Paper, by *Aslib Journal of Information Management***  
 Zimmer, M. & Proferes, N. (2014). A topology of Twitter research: Disciplines, methods, and ethics. *Aslib Journal of Information Management*, 66(3), 250-261.
- 2015 **Outstanding Reviewer, by the *Journal of Information, Communication and Ethics in Society***
- 2013 **Finalist, World Technology Award for Ethics, World Technology Network**

### **LIST OF COURSES TAUGHT**

Marquette University:  
 CORE 1929: Methods of Inquiry: Data Science

CORE 1929: Methods of Inquiry: Reason & Rationality  
COSC 1820: Computers, Ethics and Society  
COSC 5820: Ethical and Social Implications of Data  
COSC 6960: Seminar in Computer Science: Critical Algorithm Studies

University of Wisconsin-Milwaukee:

INFOST 110: Introduction to Information Science & Technology  
INFOST 120: Information Technology Ethics  
INFOST 490: Senior Capstone  
INFOST 674: Search Engine Society  
INFOST 761: Information Privacy  
INFOST 902: Theoretical Foundations of Information Studies  
INFOST 960: Doctoral Seminar in Information Policy

Yale Law School:

Reading Group: Technology, Law, Society, Values and Design

New York University:

Languages of Communication: Film, Television & Radio

## **STUDENT SUPERVISION**

### **Doctoral Dissertation, Chair:**

- Edward Chapman (Marquette, Computer Science, in progress)
- Devansh Saxena (Marquette, Computer Science, in progress)
- Yazeed Alhumaidan (UW-Milwaukee, Information Studies, Completed 2021)
- Nicholas Proferes (UW-Milwaukee, Information Studies, completed 2015)
- Anna L. Hoffmann (UW-Milwaukee, Information Studies, co-chair, completed 2014)
- Jeremy Mauer (UW-Milwaukee, Information Studies, completed 2014)
- Marta Magnuson (UW-Milwaukee, Urban Education, co-chair, completed 2012)

### **Doctoral Dissertation, Committee Member:**

- Fayika Farhat Nova (Marquette, Computer Science, in progress)
- Md Romael Haque (Marquette, Computer Science, in progress)
- Sara Mannheimer (Humboldt University of Berlin, Library & Information Science, in progress)
- Meghan Dowell (UW-Milwaukee, Information Studies, in progress)
- Huichuan Xia (Syracuse University, Information Studies, completed 2020)
- Adriana McCleer (UW-Milwaukee, Information Studies, completed 2019)
- Ahmed Shatnawi (UW-Milwaukee, Computer Science, completed 2017)
- Matthew McCarthy (UW-Milwaukee, Sociology, completed 2017)
- Tatevik Sargsyan (American University, Communication, completed 2016)
- Kyle Jones (UW-Madison, Information Science, completed 2015)
- Katherine Morrissey (UW-Milwaukee, English, completed 2015)

### **Master's Thesis, Committee Member:**

- Edward Chapman (Marquette, Computing, in progress)

- Karol Lejmbach (Marquette, Computing, completed 2021)
- Randy Smith (UW-Milwaukee, MLIS, completed 2015)
- Matthew McCarthy (UW-Milwaukee, Sociology, completed 2012)
- Anna L. Hoffmann (UW-Milwaukee, MLIS, completed 2009)

## **UNIVERSITY SERVICE**

### **Marquette University:**

2021	Tenure Buyout Policy Review Committee (Provost appointee)
2021-present	NM Data Science Institute Co-Director Search Advisory Committee (Chair)
2020-present	COVID Symptom Screening/Tracing Tool Steering Committee
2020-2021	Committee on Academic Technology

### **Department of Computer Science:**

2021-present	Department Chair Search Committee
2020-2021	Director of Undergraduate Studies
2020-present	Co-Director, MS in Data Science
2020-present	Director, Data Science Graduate Certificate
2019-present	Co-Director, Interdisciplinary Data Science Undergraduate Major
2019-2021	Faculty Search Committees (various)

### **University of Wisconsin-Milwaukee:**

2018-2019	Data Science Institute Co-Director Search & Screen Committee
2017-2019	Research Policy and Advisory Committee (Chancellor's designee)
2015-2017	Academic Misconduct Appeals Committee
2015-2016	UW-Milwaukee Budget Communication Task Force
2014-2015	UW-Milwaukee Chancellor Search & Screen Committee
2012-2013	Athletic Board (Chancellor's designee)
2012-2014	School of Information Studies Dean Search & Screen Committee
2012-2014	Responsible Conduct of Research Advisory Board
2011-2013	Digital Futures Grant Proposal Review Committee
2011-2019	Digital Arts and Culture Certificate Program, Faculty Advisory Committee
2010-2019	Center for 21st Century Studies, Faculty Advisory Committee
2010-2014	Open Access and Scholarly Communication Task Force (Provost appointee)
2010-2013	Information Technology Policy Committee (Elected, faculty governance)
2010-2011	Email/Calendar Evaluation Working Group (Provost appointee)
2009-2010	Research Data Protection Policy Committee (ad hoc)
2009-2011	PantherLink Subscription Center Steering Committee (ad hoc)

### **School of Information Studies:**

2018-2019	Chair, Faculty Executive Committee
2017-2019	Academic Planning Committee
2017-2018	Chair, BSIST Program Committee
2017-2018	Chair, Diversity & Equity Committee
2015-2016	Director, PhD Program in Information Studies
2015-2016	Chair, Academic Planning Committee

2015-2016	Doctoral Program Committee
2014-2019	Executive Committee
2014-2015	Undergraduate Program Committee
2014-2015	Chair, Search & Screen Committee (IT faculty position)
2014-2015	Chair, Doctoral Program Committee
2013-2014	Chair, MSIST Program Ad Hoc Committee
2012-2019	Director, Center for Information Policy Research
2012-2013	Search & Screen Committee (IST faculty positions)
2012-2013	Diversity & Equity Committee
2011-2012	Co-Director, Center for Information Policy Research
2011-2012	Research Committee
2010-2011	Director, BS in Information Science & Technology
2010-2011	Search & Screen Committee (Information Policy faculty positions)
2009-2010	Academic Planning Committee
2008-2011	Undergraduate Program Committee

## **PROFESSIONAL ORGANIZATIONS**

### **Professional Memberships:**

2019-present	Association for Computing Machinery (ACM) <i>Special Interest Group on Computer-Human Interaction (SIGCHI)</i>
2019-present	Institute of Electrical and Electronics Engineers (IEEE) <i>Society on Social Implications of Technology (SSIT)</i>
2005-present	Association of Internet Researchers (AoIR) <i>Ethics Working Committee</i> Co-Chair (since 2016) <i>Ethics Working Committee</i> Member (since 2009) <i>Treasurer and Executive Committee</i> Member (2009-2015)
2009-2019	American Library Association Privacy Subcommittee, Intellectual Freedom Roundtable (2013-2019)

### **Special Assignments:**

2016	Doctoral Dissertation Award committee, iSchools Consortium
2014	Chair, Dissertation Award Committee, Association of Internet Researchers
2014	Doctoral Dissertation Award committee, iSchools Consortium
2011	Co-chair, organizing committee, Computer Ethics Philosophical Enquiry conference. Milwaukee, WI.
2011	Organizer, SIG on Information Ethics, ALISE 2011 annual conferences
2010	Coordinator, SIG-III International Paper Contest, ASIS&T 2010 annual conference
2009	Co-chair, local organizing committee, Internet Research 10: International Conference of the Association of Internet Researchers. Milwaukee, WI.

## **EDITORIAL DUTIES**

### **Book Series:**

- *The Information Society* book series, MIT Press. (Co-editor with Dr. Laura DeNardis)

### **Journal Editorial Board Membership:**

- *International Review of Information Ethics*
- *Journal of Information, Communication and Ethics in Society*
- *Journal of Quantitative Description: Digital Media*
- *Journal of Sociotechnical Critique*
- *New Media & Society*

## **REVIEWER DUTIES**

### **Research Grant Proposals:**

- Alfred P. Sloan Foundation
- European Research Council
- Ford Foundation
- Institution of Museum and Library Services
- National Science Foundation
- Netherlands Organisation for Scientific Research (NWO)
- Social Sciences and Humanities Research Council of Canada

### **Academic Press Book Manuscripts:**

- MIT Press
- NYU Press
- Oxford University Press
- Palgrave
- Polity
- Routledge
- Sage
- Yale University Press

### **Journal Article Manuscripts (partial list):**

- *ACM Digital Threats: Research and Practice*
- *Big Data & Society*
- *Ethics and Information Technology*
- *First Monday*
- *Humanities and Social Sciences Communications*
- *IEEE Transactions on Technology and Society*
- *The Information Society*
- *International Journal of Communication*
- *International Journal of Human-Computer Interaction*
- *International Review of Information Ethics*

- *International Review of Law, Computers and Technology*
- *Internet Research*
- *Journal of Broadcasting & Electronic Media*
- *Journal of Communication*
- *Journal of Communication Inquiry*
- *Journal of Computer-Mediated Communication*
- *Journal of Empirical Research on Human Research Ethics*
- *Journal of Human Computer Interaction*
- *Journal of Information, Communication & Ethics in Society*
- *Journal of Medical Internet Research*
- *Journal of the American Society for Information Science and Technology*
- *Library Trends*
- *Library Quarterly*
- *Media and Communication*
- *New Media & Society*
- *Philosophy & Technology*
- *PLoS One*
- *Policy & Internet*
- *Research Ethics*
- *Science and Engineering Ethics*
- *Social Media + Society*
- *Surveillance & Society*

**Academic Conferences / Workshops:** (regular reviewer, with special assignments noted)

- ACM Computer Supported Cooperative Work (CSCW)
  - Associate Chair: 2019-2021
- ACM Fairness, Accountability and Transparency (FAcCT)
- ACM Human Factors in Computing Systems (CHI)
- ACM Web Science (WebSci)
- Association of Internet Researchers (AoIR)
  - Organizing Committee: 2009-2015
- American Psychological Association Technology, Mind and Society
- Computer Ethics Philosophical Enquiry (CEPE)
  - Local Organizing Committee: 2011
  - Program Committee: 2019, 2021
- Conference on Neural Information Processing Systems (NeurIPS)
  - Ethics Review Committee: 2021
- Hawaii International Conference on System Sciences (HICSS)
- iConference
- Information Ethics Roundtable
- International AAAI Conference on Web and Social Media (ICWSM)
- International Communication Association (ICA)
- International Conference on Computational Social Science
- International Conference on Information Systems