

MICHAEL ZIMMER, Ph.D.

Associate Professor and Vice Chair
Department of Computer Science
Marquette University
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ACADEMIC APPOINTMENTS

Marquette University

2022-present Director, Center for Data, Ethics, and Society
2019-present Associate Professor (with tenure), Department of Computer Science
2019-present Affiliated Faculty, Northwestern Mutual Data Science Institute

University of Wisconsin-Milwaukee

2014-2019 Associate Professor (with tenure), 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

2021-present Academic Advisory Committee to *Gizmodo* on the release of the "Facebook Papers"

- 2019-2022 Advisory Board: “Establishing Norms of Data Ethics in Citizen Science” (NSF-funded research project at North Carolina State University)
- 2019-2020 Appointment: “Data Privacy and Security Advisory Committee,” State of Wisconsin Department of Agricultural Trade and Consumer Protection
- 2018-2021 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 (2021)

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

EXTERNAL RESEARCH GRANTS & AWARDS

- 2022 Applied Research Ethics / Center for Data, Ethics, and Society. **Meta**
 PI: **Michael Zimmer**
 Total Award: \$75,000 (unrestricted gift) Total Award Period: n/a
- 2020 Public Opinion Research on Artificial Intelligence in Public Health Responses. **American Association for the Advancement of Science (AAAS)**
 PI: **Michael Zimmer**; Co-PIs: Zeno Franco (MCW), Praveen Madiraju (MU)
 Total Award: \$18,689 Total Award Period: 1 year
- 2020 How COVID-19 is Changing Workplace Surveillance: American Workers' Experiences & Privacy Expectations When Working from Home. **Social Science Research Council (SSRC)**
 Co-PIs: Jessica Vitak (Maryland), **Michael Zimmer**
 Total Award: \$5,000 Total Award Period: 1 year
- 2019 Applied Research Ethics. **Facebook**
 PI: **Michael Zimmer**
 Total Award: \$100,000 (unrestricted gift) Total Award Period: n/a
- 2018 PERVADE: Pervasive Data Ethics for Computational Research. **National Science Foundation (NSF) CISE LARGE**
 Co-PIs: Katie Shilton (Maryland), Matthew Bietz (UC-Irvine), Jessica Vitak (Maryland), **Michael Zimmer**, Casey Fiesler (Colorado), Jacob Metcalf (Data & Society), and Arvind Narayanan (Princeton).
 Total Award: \$3,000,000 (\$276,945 to MU) Total Award Period: 4 years
- 2017 Library Values & Privacy in our National Digital Strategies: Field guides, Convenings, and Conversations. **Institute of Museum and Library Services (IMLS)** National Leadership grant
 PI: **Michael Zimmer**; Co-PI: Bonnie Tijerina (Data & Society)
 Total Award: \$90,150 Total Award Period: 18 months
- 2016 Mapping Privacy and Surveillance Dynamics in Emerging Mobile Ecosystems: Practices and Contexts in the Netherlands and US. **National Science Foundation (NSF) EAGER**
 Co-PIs: Jessica Vitak, J. (Maryland), **Michael Zimmer**
 Total Award: \$100,685 Total Award Period: 2 years
- 2011 Librarian Attitudes and Behaviors Regarding Informational Privacy. **American Library Association Office of Intellectual Freedom**
 PI: **Michael Zimmer**
 Award: \$47,076 Total Award Period: 1 year
- 2006 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**
 PI: **Michael Zimmer**
 Award: \$12,000. Total Award Period: 1 year

EXTERNAL RESEARCH GRANTS – UNDER REVIEW

Supporting Privacy Negotiation Among Multiple Stakeholders in Smart Environments. **National Science Foundation (NSF)** SaTC MEDIUM

Co-PIs: Yaxing Yao (UMBC), Danny Huang (NYU), Jessica Vitak, J. (Maryland), **Michael Zimmer**

Total Award: \$1,119,929 (\$249,500 to MU)

Total Award Period: 4 years

INTERNAL RESEARCH AWARDS

- 2020 The Zuckerberg Files: Tracking the Evolution of Mark Zuckerberg's Technological Discourse. **Regular Research Grant (RRG)**, Marquette University. PI: Michael Zimmer. Amount: \$6,000.
- 2017 Assessing the Implementation of CIPA-Mandated Internet Filtering in U.S. Public Libraries. **UW-Milwaukee Research Growth Initiative**. Co-PIs: Michael Zimmer, Nadine Kozak. Amount: \$45,349.
- 2017 The Zuckerberg Files: Tracking the Evolution of Mark Zuckerberg's Technological Discourse. **UW-Milwaukee Research and Creative Activities Support (RACAS) Award**. PI: Michael Zimmer. Amount: \$14,860.
- 2010 Assessing the Treatment of Patron Privacy in Library 2.0 Literature. **UW-Milwaukee School of Information Studies Internal Research Grant**. PI: Michael Zimmer. Amount: \$6,000.

PEER-REVIEWED JOURNAL ARTICLES

*(Student co-authors indicated with *)*

- 2023 Vitak, J., Liao, Y.*, Mols, A.*, Trottier, D., **Zimmer, M.**, Kumar, P.*, & Pridmore, J. (2023). When Do Data Collection and Use Become a Matter of Concern? A Cross-Cultural Comparison of U.S. and Dutch Privacy Attitudes. *International Journal of Communication*, 17, 471-498. <https://ijoc.org/index.php/ijoc/article/view/19391>
- 2021 **Zimmer, M.** & Logan, S.* (2021). Privacy concerns with using public data for suicide risk prediction algorithms: a public opinion survey of contextual appropriateness. *Journal of Information, Communication and Ethics in Society*. <https://doi.org/10.1108/JICES-08-2021-0086>
- Chu, K. H., Colditz, J., Sidani, J., **Zimmer, M.**, & Primack, B. (2021). Re-evaluating standards of human subjects protection for sensitive health data in social media networks. *Social Networks*, 67, 41-46. <https://doi.org/10.1016/j.socnet.2019.10.010>
- 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>

- 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/10.1177/205630512111019004>
- 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>
- 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/>
- 2020 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>
- 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>
- 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>
- 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>
- 2019 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]**
- 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>
- 2018 **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>
- 2017 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.

- 2016 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/>
- 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.
- 2015 **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>
- 2014 **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]**
- Zimmer, M.** (2014). Librarian attitudes regarding information and Internet privacy. *Library Quarterly*, 84(2), 123-151.
- 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.
- 2013 **Zimmer, M.** (2013). Assessing the treatment of patron privacy in library 2.0 literature. *Information Technology and Libraries*, 32(2), 29-41.
- 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.
- 2012 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.
- 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/>
- 2010 **Zimmer, M.** (2010). Innovations and challenges in teaching information ethics across educational contexts. *International Review of Information Ethics*, 14, 17-22.
- Zimmer, M.** (2010). "But the data is already public": On the ethics of research in Facebook. *Ethics and Information Technology*, 12(4), 313-325.
- 2009 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.

- 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.*
- 2008 **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]
- 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>
- 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.*
- 2005 **Zimmer, M.** (2005). Surveillance, privacy and the ethics of vehicle safety communication technologies. *Ethics and Information Technology, 7(4), 201-210.*
- 2004 **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

(Student co-authors indicated with *)

- 2022 Fiesler, C., Frauenberger, C., Muller, M., Vitak, J., & **Zimmer, M.** (2022). Research Ethics in HCI: A SIGCHI Community Discussion. In *CHI Conference on Human Factors in Computing Systems Extended Abstracts (CHI EA '22)*. <https://doi.org/10.1145/3491101.3516400>
- Pater, J., Fiesler, C., & **Zimmer, M.** (2022). No Humans Here: Ethical Speculation on Public Data, Unintended Consequences, and the Limits of Institutional Review. *Proceedings of the ACM on Human-Computer Interaction, 6(GROUP), 1-13.*
- 2021 Vitak, J., **Zimmer, M.**, Lenhart, A.*, Park, S., Y.*, Wong, R., & Yao, Y. (2021, October). Designing for Data Awareness: Addressing Privacy and Security Concerns About “Smart” Technologies. In *Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing* (pp. 364-367).
- 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>
- 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>

- 2020 **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>
- 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>
- 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). **[Winner: Lee Dirks Award for Best Paper]**
- 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.
- 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>
- 2014 **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>
- 2013 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>
- 2012 **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>
- 2011 **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>

EDITED BOOKS

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

EDITED SPECIAL ISSUES

- 2022 **Zimmer, M.** (2022). AoIR 2021 Papers on Emerging Ethical Practices and Platform Challenges. *Journal of Information, Communication and Ethics in Society*, 20(3).
- 2020 Wu, P., Vitak, J., & **Zimmer, M.** (2020). Information Privacy in the Digital Age. *Journal of the Association for Information Science and Technology*, 71(9).
- 2017 Leurs, K. & **Zimmer, M.** (Eds.). (2017). Platform Values: #AoIR16 Special Issue. *Information, Communication and Society*, 20(6).
- 2016 **Zimmer, M.** & Hoffmann, A. L. (Eds.). (2016). Special issue: A Decade of Web 2.0 – Reflections, Critical Perspectives, and Beyond. *First Monday*, 21(6).
- 2014 Britz, J. & **Zimmer, M.** (Eds.). (2014). Special issue: The Digital Future of Education. *International Review of Information Ethics*, 21.
- 2012 Nagel, D., Rath, M., & **Zimmer, M.** (Eds.). (2012). Special issue: Ethics of Secrecy. *International Review of Information Ethics*, 17.
- 2008 **Zimmer, M.** (Ed.). (2008). Special issue: Critical Perspectives on Web 2.0. *First Monday*, 13(3).
- 2006 Schneider, T. & **Zimmer, M.** (Eds.). (2006). Special issue: Identity and Identification in a Networked World. *First Monday*, 11(12).

RESEARCH REPORTS

- 2021 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/>
- Zimmer, M.**, Franco, Z. & Madiraju, P. (2021). Public Opinion Research on Artificial Intelligence in Public Health Responses: Results of Focus Groups with Four Communities. *Report to AAAS Center for Public Engagement with Science and Technology*.
<https://www.aaas.org/sites/default/files/2021-09/AI%20in%20Public%20Health%20Focus%20Groups%20-%20Final%20Report%20with%20Appendix.pdf>
- 2018 **Zimmer, M.** and Tijerina, B. (2018). Library Values & Privacy in our National Digital Strategies: Field guides, Convenings, and Conversations. *Report to Institute of Museum and Library Services*.
https://cpb-us-w2.wpmucdn.com/sites.uwm.edu/dist/b/524/files/2018/08/LibraryValuesAndPrivacy_Report-28qghttp.pdf

EDITORIALS & PUBLIC ESSAYS

- 2018 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>
- 2016 **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/>
- 2014 **Zimmer, M.** (2014, February 4). Mark Zuckerberg's theory of privacy. *The Washington Post*, C1-C2. https://www.washingtonpost.com/lifestyle/style/mark-zuckerbergs-theory-of-privacy/2014/02/03/2c1d780a-8cea-11e3-95dd-36ff657a4dae_story.html
- 2011 **Zimmer, M.** (2011). Facebook's censorship problem. *The Huffington Post*. Available at http://www.huffingtonpost.com/michael-zimmer/facebooks-censorship-prob_b_852001.html
- 2010 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

BOOK CHAPTERS (MINOR OR NO PEER REVIEW)

- 2019 **Zimmer, M.** (2019). Privacy. In J. Burgess & E. Knox (Eds.), *Foundations of Information Ethics* (pp. 47-56). ALA Publications.
- 2018 **Zimmer, M.** (2018). Myspace. In B. Arrigo (Ed.), *The SAGE Encyclopedia of Surveillance, Security, and Privacy* (643-644). Thousand Oaks, CA: Sage Publications.
- 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
- 2017 **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.
- 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.
- 2015 **Zimmer, M.** (2015). Privacy law and policy. In P. Ang & R. Mansell (Eds.), *The International Encyclopedia of Digital Communication and Society*. Wiley-Blackwell.
- 2013 **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.

- 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.
- 2012 **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.
- 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.
- 2011 **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.
- 2010 **Zimmer, M.** (2010). Web search studies: Multidisciplinary perspectives on web search engines. In J. Hunsinger, M. Allen, & L. Klastrup (Eds.), *International Handbook of Internet Research* (pp. 507-521). Dordrecht, The Netherlands: Springer.
- 2009 **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.
- 2008 **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.

OTHER PUBLICATIONS (MINOR OR NO PEER REVIEW)

- 2023 Nellore, N.*, **Zimmer, M.,** & Apostol, B*. (2023). Updating the Topology of Twitter Research: Towards A Systematic Review of Twitter Research from 2013-2022. *The 2023 ACM International Conference on Supporting Group Work (GROUP '23) Companion*, 4–5. <https://doi.org/10.1145/3565967.3570972>
- 2022 Bonaci, T., Michael, K., Rivas, P., Robertson, L. J., & **Zimmer, M.** (2022). Emerging Technologies, Evolving Threats: Next-Generation Security Challenges. *IEEE Transactions on Technology and Society*, 3(3), 155–162. <https://doi.org/10.1109/TTS.2022.3202323>
- 2022 **Zimmer, M.** (2022). Editorial Introduction to AoIR 2021 Papers on Emerging Ethical Practices and Platform Challenges. *Journal of Information, Communication and Ethics in Society*, 20(3), 345-348.
- 2020 **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

- 2019 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>
- 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).
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- 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.
- 2009 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).
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- 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
- Zimmer, M.** (Reviewer). (2008). Theorizing Surveillance: The Panopticon and Beyond, Lyon, D. (Ed.). Portland, OR: Willan. In *Surveillance & Society* 5(2), 203-205.
- 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.
- 2006 Schneider, T. & **Zimmer, M.** (Eds.). (2006). Identity and Identification in a Networked World [Introduction]. *First Monday*, 11(12).
- 2005 **Zimmer, M.** (2005). The value implications of the practice of paid search. *Bulletin of the American Society for Information Science and Technology*.
- 2004 **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.
- 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.

KEYNOTE ADDRESSES

- 2022 “Libraries and Privacy: Critical Issues for Information Professionals” Keynote panel participant at Library 2.0 conference, San Jose State University, San Jose, CA. (*National, Virtual*)
- “Artificial Intelligence in Public Health Responses: Opportunities and Risks” Keynote address at The Ethics of Artificial Intelligence in Health Care, Medical College of Wisconsin and Milwaukee School of Engineering, Milwaukee, WI. (*Regional*)
- 2021 “The Challenge of Training in Big Data Ethics: Why is it Hard?” Keynote address at Expanding Graduate Training in RCR: Big Data Ethics, Council of Graduate Schools. (*National, Virtual*)
- 2020 “Creating and Managing Big Data in 21st Century Research: Ethical Issues” Keynote address at Annual Research Ethics Day Conference, University of Minnesota, Minneapolis, MN. (*Regional, Virtual*)

- 2019 “Pervasive Data Ethics for Computational Research” Keynote address at 4th Annual Marquette Ethics of Big Data Symposium, Northwest Mutual Data Science Institute, Milwaukee, WI. *(Local)*
- 2012 “Research, the Cloud, and the IRB” Keynote address at Sixth Annual Virginia IRB Consortium Conference. Charlottesville, VA. *(Regional)*
- 2011 “Research Ethics in the 2.0 Era: Conceptual Gaps for Ethicists, Researchers, IRBs” Plenary presentation at Advancing Ethical Research conference, Public Responsibility in Medicine and Research (PRIM&R), Washington, DC. *(National)*
- 2010 “The Google Books Settlement: Preserving Intellectual Freedom in the Face of Googlization.” Keynote speaker for WLA Intellectual Freedom Round Table, Wisconsin Association of Academic Librarians conference. Milwaukee, WI. *(Regional)*

INVITED MEETINGS AND WORKSHOPS

- 2022 “Global University Summit for the Rome Call for AI Ethics” University of Notre Dame, Notre Dame, IN.
- “Internet Research Summit” CUNY Newmark School of Journalism, New York, NY.
- “Workshop on the Ethics of Field Experiments” Center for Information Technology Policy, Princeton University.
- “Ethical considerations in the use of big data, AI, and real-time information for prediction of behavioral health outcomes” Exploratory Seminar at Harvard Radcliffe Institute. *[virtual due to COVID-19]*
- 2021 “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). *[virtual due to COVID-19]*
- “Research Data Sharing Salon Dinner Series”, Future of Privacy Forum. *[virtual due to COVID-19]*
- “Workshop on Proposed Framework for Consumer Health Data Privacy”, Data & Society. *[virtual due to COVID-19]*
- “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. *[virtual due to COVID-19]*
- 2020 “Ethics in Cybersecurity” Workshop, funded by Department of Defense Cyber Scholarship Program. *[virtual due to COVID-19]*
- 2019 “Privacy & Health Research in a Data-Driven World” Office of Human Research Protection (OHRP), U.S. Department of Health and Human Services, Bethesda, MD.

- “Good Systems: Ethical AI for CSCW” Workshop at CSCW 2019, Austin, TX.
- “Ubiquitous Privacy: Research and Design for Mobile and IoT Platforms” Workshop at CSCW 2019, Austin, TX.
- 2018 “Data Science Ethics Education Workshop”, FAT* Conference, New York University, New York, NY.
- “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.
- 2017 “AI Now 2017 Experts Workshop”, Invitation-only “experts” workshop organized by Artificial Intelligence Now group, Cambridge, MA.
- “The Ethics of Data Access, Use, and Sharing for Human Subjects Research” Public Responsibility in Medicine and Research (PRIM&R), Boston, MA.
- 2016 “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.
- “Challenges and Futures for Ethical Social Media Research”, International Conference on Weblogs and Social Media (ICWSM), Cologne, Germany.
- “Catalyzing Privacy by Design”, Computing Community Consortium, Washington, DC.
- 2015 “Beyond IRBs: Designing Ethical Review Processes for Big Data”, Future of Privacy Forum, Washington, DC.
- “Privacy Enabling Design”, Computing Community Consortium, Atlanta, GA.
- 2013 “Revisiting the Children’s Internet Protection Act (CIPA) Ten Years Later” symposium, Google and American Library Association, Washington, DC.
- 2012 International Symposium on Internet Ethics, Korean Internet Security Agency. Seoul, South Korea.
- 2011 Innovation Outreach Program on “Innovation & Privacy”, Microsoft, New York, NY.
- “Privacy ‘Hot Topics’ and Programs to Educate & Engage Library Users.” American Library Association, Office of Intellectual Freedom.
- “Privacy & Youth.” American Library Association, Office of Intellectual Freedom, Chicago, IL.
- “Ethical, Legal and Social Issues of Personally Identifiable Information.” National Science Foundation / DARPA, Washington, DC.

- 2010 “Revisiting Research Ethics in the Facebook Era: Challenges in Emerging CSCW Research.” Computer Supported Cooperative Work Conference (CSCW). Savannah, GA.
- “Ethics and Internet Research Commons: Building a Sustainable Future.” Association of Internet Researchers Conference, Gothenburg, Sweden.
- “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.
- 2009 Public Interest Roundtable and Consultation. Google, Mountain View, CA.
- The Google Books Settlement and the Future of Information Access, UC-Berkeley School of Information. Berkeley, CA.
- 2008 Expert Workshop on “Audiovisual Search: Regulatory Challenges for Audiovisual Abundance,” Institute for Information Law, University of Amsterdam. Amsterdam, The Netherlands.
- 2007 Data Confidentiality Workshop. National Science Foundation, Arlington, VA.
- Forum on Quaero: A Public Think Tank on the Politics of the Search Engine, Jan van Eyck Academie, Maastricht, The Netherlands.

INVITED PANEL DISUCSSIONS

- 2022 “*Ethical Challenges in Review of AI Research*” Research Community Forum: New Frontiers in Human Subjects Research co-hosted by the Office for Human Research Protection & Indiana University Office of Research Compliance, Indianapolis, IN. *(National)*
- “Artificial Intelligence and the Consumer Marketplace” Presidential Summit of the National Association of Attorneys General. Des Moines, IA. *(National)*
- “When the Internet Surrounds Us: Inclusive Strategies to Enhance Privacy and Security in Smart Homes and Neighborhoods” UC-Berkeley Center for Long-Term Cybersecurity, Berkeley, CA *(National)*
- 2021 *Lasting Impact Award*. Plenary panel discussion at ACM Conference on Computer- Supported Cooperative Work and Social Computing (CSCW). *(International)*
- “So You Want to Be a Tech Ethicist (No Scrubs Edition)”, MozFest 2021. *(International)*
- 2020 “Algorithmic Bias: Sources and Responses”, Technology Ethics Center, University of Notre Dame. *(National)*
- “The Future of Home, Office, School in the Age of Pandemic” Plenary panel presentation at IEEE World Conference on Services. Virtual. *(International)*

“COVID-19, Contact Tracing, and Privacy as Contextual Integrity” Plenary panel discussion at Virtual Town Hall: Contextual Integrity of Contact Tracing. Virtual. (*International*)

“Implications of Data Privacy and Security in a Time of Crisis” Plenary panel discussion at Summerfest Tech, Milwaukee WI. (*Local*)

“Privacy after pandemic: Emerging directions in privacy research” Comparative Privacy Research Network. Virtual. (*International*)

2019 “Convergence and Transformation of Data Digitally via AI, ML, Autonomous Systems” Plenary panel discussion at IEEE COMPSAC 2019, Milwaukee, WI. (*International*)

2016 “Privacy, technology and surveillance in the digital age: The Big Brother scenario” Midwest United States Association for Information Systems (MWAIS) conference, Milwaukee, WI. (*Regional*)

2012 “Perspectives on Youth & Privacy.” American Library Association Annual Conference. Anaheim, CA. (*National*)

INVITED TALKS

2022 “Ethical Considerations Related to Research on Social Media Data: Conceptual Gaps & Ways Forward” Hebrew University of Jerusalem. (*Regional*)

2021 “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). (*National*)

“Data Ethics During a Pandemic”, University of Michigan Interactive and Social Computing (MISC) Research Group. (*Local*)

2019 “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. (*National*)

2018 “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. (*National*)

2017 “Addressing Conceptual Gaps in Big Data Research Ethics.” Symposium on Ethical Dilemmas for Internet Researchers, University of Tartu, Estonia. (*International*)

“Research Ethics in the Big Data Era: Addressing Conceptual Gaps for Researchers and IRBs.” Symposium on Ethics of Big Data, Marquette University, Milwaukee, WI. (*Local*)

- 2014 “The Zuckerberg Files: Why Making Everything Mark Zuckerberg Says Public can Protect your Privacy.” Oklahoma Center for the Humanities, Tulsa, OK. *(Local)*
- “The Zuckerberg Files: Why Making Everything Mark Zuckerberg Says Public can Protect your Privacy.” Center for Professional & Applied Ethics, UNC-Charlotte. Charlotte, NC. *(Local)*
- “New Media, New Ethics: How Internet-Based Research Demand Renewed Attention to Research Ethics.” Center for Professional & Applied Ethics, UNC-Charlotte. Charlotte, NC. *(Local)*
- 2013 “Is Library User Privacy still Paramount in the 2.0 Era?” Conversations on Morality, Politics, and Society, Ohio State University. Columbus, OH. *(Local)*
- 2012 “The Ethical (Re)Design of the Google Books Project.” Current Research Webinar Series, Institute of Museum and Library Services. Washington, DC. *(National)*
- “Ethics of Social Media Research.” Integrating Research Ethics & Scholarship Educational Series, University of Wisconsin-Madison. Madison, WI. *(Local)*
- “Internet Research Ethics: Conceptual Gaps for Ethicists, Researchers, IRBs.” University of Pittsburgh Institutional Review Board Educational Series. Pittsburgh, PA. *(Local)*
- “Internet Ethics Issues and Action in the United States.” International Symposium on Internet Ethics, Korean Internet Security Agency. Seoul, South Korea. *(International)*
- 2011 “Promoting Ethical Literacy in Youth: How Librarians Can Partner with Parents and Teachers.” American Library Association Annual Conference. New Orleans, LA. *(National)*
- “Youth, Privacy, and Freedom: Using Libraries to Engage Young People.” Computers, Freedom, and Privacy Conference. Washington, DC. *(National)*
- “Internet Research Ethics: Issues and Challenges.” Department of Energy Human Subjects Working Group Workshop, Washington, DC. *(National)*
- “Promoting Ethical Literacy in the Age of Facebook.” Visions & Expressions Lecture Series, University of Wisconsin-Waukesha. Waukesha, WI. *(Local)*
- “WikiLeaks & Information Ethics.” Law Library Association of Wisconsin, Milwaukee, WI. *(Local)*
- “Wikileaks vs. Intellectual Freedom.” Brookfield Public Library, Brookfield, WI. *(Local)*
- 2010 “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. *(National)*
- “Library 2.0 and Patron Privacy: Avoiding a Faustian Bargain.” Privacy Day, UWM Libraries, University of Wisconsin-Milwaukee, May. *(Local)*

- 2009 “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. *(National)*
- “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. *(National)*
- 2008 “Contextual Integrity as a Normative Guide for Privacy.” Society of American Archivists Annual Conference. San Francisco, CA. *(National)*
- “Privacy and Audiovisual Search.” Expert Workshop on “Audiovisual Search: Regulatory Challenges for Audiovisual Abundance,” Institute for Information Law, University of Amsterdam. Amsterdam, The Netherlands. *(International)*
- 2007 “Privacy and Quaero's Quest for the Perfect Search Engine: Threats and Opportunities.” Forum on Quaero: A Public Think Tank on the Politics of the Search Engine, Jan van Eyck Academie, Maastricht, The Netherlands. *(International)*
- “Privacy, Contextual Integrity, and the Quest for the Perfect Search Engine.” Institute for Information Law, University of Amsterdam, Amsterdam, The Netherlands. *(International)*
- 2006 “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. *(National)*
- “Values & Pragmatic Action: The Challenges of Engagement with Technical Design Communities.” Philosophy Department Colloquium, Delft University of Technology, Delft. The Netherlands. *(International)*
- “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. *(International)*
- “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. *(International)*

EVENTS AND WORKSHOPS ORGANIZED

- 2022 “Data Collection for Internet Researchers under Data Protection Regimes” Invitation-only workshop co-organized with Institute of International and European Affairs and Meta, Dublin, Ireland *(International)*
- “Cybersecurity Awareness Month Symposium on Ethical Hacking” Marquette University, Milwaukee, WI. *(Regional)*

- 2021 Ethics of Big Data Symposium on “Applied Algorithmic Ethics.” Marquette University and Northwestern Mutual Data Science Institute, Milwaukee, WI. (*International, Virtual*)
- 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. (*International, Virtual*)
- 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. (*International, Virtual*)
- 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. (*International, Virtual*)
- 2020 Ethics of Big Data Symposium on “Race, Representation, and Justice.” Marquette University and Northwestern Mutual Data Science Institute, Milwaukee, WI. (*International, Virtual*)
- 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. (*International, Virtual*)
- 2019 Tutorial on “Web research ethics: Confidentiality, consent, data integrity & more” WebSci 2019, Boston, MA. Co-organized with Katharina Kinder-Kurlanda. (*International*)
- Workshop on “Mapping Privacy and Surveillance Dynamics in Emerging Mobile Ecosystems.” Rotterdam, Netherlands. Co-organized with Jason Pridmore, Daniel Trottier, and Jessica Vitak. (*International*)
- Workshop on “Conceptualizing the Future of Information Privacy Research.” iConference 2019, Washington DC. Co-organized with Jessica Vitak and Philip Wu. (*International*)
- Interactive Session on “The Pervasive Data Ethics Festivus!” iConferene 2019, Washington DC. Co-organized with Matthew Bietz, Jacob Matcalf, Katie Shilton, Jessica Vitak. (*International*)
- 2018 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. (*National*)
- “Library Values and Privacy Summit.” Data & Society Research Institute, New York, NY. Co-organized with Bonnie Tijerina. (*National*)
- 2013 Panel on “Values Interventions: Ethics scholarship in action.” iConference 2013, Fort Worth, TX. (*International*)

- 2011 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. *(National)*
- Panel on “Innovations and Challenges in Teaching Information Ethics Across Contexts.” Association for Library and Information Science Education, San Diego, CA. *(National)*
- 2010 Panel on “On the Philosophy of Facebook.” Association of Internet Researchers Conference, Gothenburg, Sweden. *(International)*
- Workshop on “Identifying Challenges and Opportunities for an African Information Ethics.” Access to Knowledge Conference, Yale Law School, New Haven, CT. *(International)*
- 2009 Panel on “On the Challenges of Implementing Library 2.0 Services.” ASIS&T Annual Meeting, Vancouver, British Columbia, Canada. *(National)*

CONFERENCE/EVENT PROGRAM COMMITTEES

- 2023 Conference on Computer Ethics—Philosophical Enquiry (CEPE)
- 2022 Conference on Neural Information Processing Systems (NeurIPS) Ethics review committee
- 2021 ACM Conference on Fairness, Accountability, and Transparency (ACM FAccT)
- Conference on Computer Ethics—Philosophical Enquiry (CEPE)
- Conference on Neural Information Processing Systems (NeurIPS) Ethics review committee
- 2020 ACM CHI workshop on Privacy and Power: Acknowledging the Importance of Privacy Research and Design for Vulnerable Populations
- 2019 Conference on Computer Ethics—Philosophical Enquiry (CEPE)
- 2018 ACM CSCW workshop on Privacy in Context: Critically Engaging with Theory to Guide Privacy Research and Design
- 2016 ACM CHI workshop on Bridging the Gap between Privacy by Design and Privacy in Practice
- 2014 The Big Deal: 3rd Milwaukee Conference on Ethics in Knowledge Organization, University of Wisconsin-Milwaukee
- 2012 ACM CSCW workshop on Reconciling Privacy with Social Media
- 2011 2nd Milwaukee Conference on the Ethics of Information Organization, University of Wisconsin-Milwaukee
- 2009 Association of Internet Researchers annual conference, Milwaukee, WI

Ethics of Information Organization Conference, University of Wisconsin-Milwaukee

2008 Computers, Freedom, and Privacy (CFP) Conference

CONFERENCE PAPER PRESENTATIONS (NON-PROCEEDINGS)

- 2022 “Privacy and Power in a Pandemic: Examining Remote Workplace Surveillance Practices During COVID-19.” 9th Surveillance Studies Research Network. Rotterdam, The Netherlands. [Virtual due to COVID-19] (*International*)
- 2013 “Patron Privacy in the 2.0 Era: Avoiding the Faustian Bargain of Library 2.0.” Information Privacy Workshop at iConference 2013. Fort Worth, TX. (*International*)
- 2012 “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. (*International*)
- “New Media, New Ethics: How Social Media-based Research Demands New Attention to Research Ethics” International Communication Association, Phoenix, AZ. (*International*)
- “Library Privacy in the 2.0 Era: Avoiding a Faustian Bargain.” Information Ethics Roundtable. New York, NY. (*National*)
- 2011 “Research Ethics in the Digital Era.” International Symposium on Digital Ethics, Center for Digital Ethics, Loyola University Chicago. Chicago, IL. (*International*)
- “From Codification to Actualization: Applying Amartya Sen's Capability Approach to an Information-Based Rights Framework.” Information Ethics Roundtable, University of Arizona, Tuscon, AZ. (*National*)
- 2010 “The Laws of Social Networking, or, How Facebook Feigns Privacy.” Association of Internet Researchers Conference. Gothenburg, Sweden. (*International*)
- 2009 “‘But the Data is Already Public’: On the Ethics of Research in Facebook.” Association of Internet Researchers Conference. Milwaukee, Wisconsin. (*International*)
- “‘But the Data is Already Public’: On the Ethics of Research in Facebook.” International Conference of Computer Ethics: Philosophical Enquiry. Corfu, Greece. (*International*)
- 2008 “*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. (*International*)

- 2007 “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. *(National)*
- “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. *(International)*
- “Search 2.0: Web 2.0, Personal Information Flows, and the Drive for the Perfect Search Engine.” Association of Internet Researchers Conference. Vancouver, Canada. *(International)*
- “Values & Pragmatic Action: The Challenges of Engagement with Technical Design Communities.” International Conference of Computer Ethics: Philosophical Enquiry. San Diego, CA. *(International)*
- 2006 “The Panoptic Gaze of Web Search Engines.” National Communication Association Annual Conference. San Antonio, TX. *(National)*
- “Values & Pragmatic Action: The Challenges of Engagement with Technical Design Communities.” Society for Social Studies of Science Annual Conference. Vancouver, Canada. *(International)*
- 2005 “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. *(International)*
- “The Value Implications of the ‘Google Paradigm’ for Organizing, Distributing and Accessing Information.” Association of Internet Researchers Conference. Chicago, IL. *(International)*
- “Privacy and the Design of Vehicle Safety Communication Technologies.” Society for Philosophy and Technology Conference. Delft, The Netherlands. *(International)*
- “Surveillance, Privacy and the Ethics of Vehicle Safety Communication Technologies.” International Conference of Computer Ethics: Philosophical Enquiry. Enschede, The Netherlands. *(International)*
- “Media Ecology and Value Sensitive Design: A Combined Approach to Understanding the Biases of Media Technology.” Media Ecology Association Conference. New York, NY. *(National)*
- “Privacy and the Design of Vehicle Safety Communication Technologies.” Science and Technology in Context: An Interdisciplinary Graduate Student Conference. AAAS, Washington, DC. *(National)*
- 2004 “The Tensions of Securing Cyberspace.” National Communication Association Annual Conference. Chicago, IL. *(National)*
- “The Ideology of Control in Interface Technologies.” MIT-RPI-Cornell STS Graduate Student Conference. Troy, NY. *(Regional)*

MEDIA MENTIONS AND INTERVIEWS

- 2022 *Milwaukee Business Journal*, "[Ten People to Know in Technology](#)" (December 16, 2022)
- The Morning Show* (Wisconsin Public Radio), "[Security and extremism on social media](#)" (December 7, 2022)
- TMJ4*, "[Truth Be Told: Campaign ad accuses Tim Michels of tracking women near abortion clinics](#)" (October 11, 2022)
- The New York Times*, "[LinkedIn Ran Social Experiments On 20 Million Users Over Five Years](#)" (September 24, 2022)
- Vox: Land of the Giants* podcast, "Facebook gets a Facelift" (July 13, 2022) <https://www.vox.com/land-of-the-giants-podcast>
- CBS58*, "Social media experts are skeptical of Elon Musk's plans for Twitter" (April 26, 2022)
- Fox6Milwaukee*, "Tracking technology advances faster than Wisconsin laws" (March 16, 2022)
- 2021 *Medical Ethics Advisor*, "IRBs Face Unique Ethics Questions About Big Data Research". (December 1, 2021) <https://www.reliasmedia.com/articles/148758-irbs-face-unique-ethics-questions-about-big-data-research>
- Gizmodo*, "We're Making the Facebook Papers Public. Here's Why and How" by Dell Cameron, Andrew Coutts, and Shoshana Wodinsky. (November 22, 2021) <https://gizmodo.com/we-re-making-the-facebook-papers-public-here-s-why-and-1848083026?rev=1637600362878>
- 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/>
- 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>
- 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>
- 2020 *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/>

Gizmodo, “Could Someone Hack My Microchip Implant?” by Daniel Kolitz. (October 5, 2020) <https://gizmodo.com/could-someone-hack-my-microchip-implant-1845216410>

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

Association for Computing Machinery, “People of ACM – Michael Zimmer” (April 20, 2020) <https://www.acm.org/articles/people-of-acm/2020/michael-zimmer>

2019 *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>

Milwaukee Journal Sentinel, “Marquette University employees sign up for fitness trackers that record their steps, sleep” (June 16, 2019) <https://www.jsonline.com/story/news/health/2019/06/14/marquette-university-workers-use-virgin-pulse-fitness-tracking-program/1367959001/>

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- 2007 *Montreal Gazette*, "All Eyes on You" by Marian Scott. (March 3, 2007)
- 2006 *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

PROFESSIONAL ORGANIZATIONS

Professional Memberships:

- 2019-present Association for Computing Machinery (ACM)
Special Interest Group on Computer-Human Interaction (SIGCHI)
SIGCHI Ethics Committee Member (since 2021)
- 2019-present Institute of Electrical and Electronics Engineers (IEEE)
Society on Social Implications of Technology (SSIT)
- 2005-present Association of Internet Researchers (AoIR)
Ethics Working Committee Co-Chair (since 2016)
Ethics Working Committee Member (since 2009)
Treasurer and Executive Committee 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.

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 6820: Data Ethics
- 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 Committee, Chair:

- Nidhi Nellore (Marquette, Computer Science, in progress)
- Devansh Saxena (Marquette, Computer Science, in progress)

- Yazeed Alhumaidan (UW-Milwaukee, Information Studies, Completed 2021)
- Anna L. Hoffmann (UW-Milwaukee, Information Studies, co-chair, completed 2014)
- Marta Magnuson (UW-Milwaukee, Urban Education, co-chair, completed 2012)
- Jeremy Mauger (UW-Milwaukee, Information Studies, completed 2014)
- Nicholas Proferes (UW-Milwaukee, Information Studies, completed 2015)

Doctoral Committee, Member:

- Meghan Dowell (UW-Milwaukee, Information Studies, in progress)
- Md Romael Haque (Marquette, Computer Science, in progress)

- Kyle Jones (UW-Madison, Information Science, completed 2015)
- Sara Mannheimer (Humboldt University of Berlin, Library & Information Science, completed 2022)
- Matthew McCarthy (UW-Milwaukee, Sociology, completed 2017)
- Adriana McCleer (UW-Milwaukee, Information Studies, completed 2019)
- Katherine Morrissey (UW-Milwaukee, English, completed 2015)
- Fayika Farhat Nova (Marquette, Computer Science, completed 2022)
- Tatevik Sargsyan (American University, Communication, completed 2016)
- Ahmed Shatnawi (UW-Milwaukee, Computer Science, completed 2017)
- Huichuan Xia (Syracuse University, Information Studies, completed 2020)

Master's Thesis, Committee Member:

- Edward Chapman (Marquette, Computing, completed 2022)
- Anna L. Hoffmann (UW-Milwaukee, MLIS, completed 2009)
- Karol Lejmbach (Marquette, Computing, completed 2021)
- Matthew McCarthy (UW-Milwaukee, Sociology, completed 2012)

- Randy Smith (UW-Milwaukee, MLIS, completed 2015)

UNIVERSITY SERVICE

Marquette University:

2022-present	Student Success Analytics Strategy Team
2021	Tenure Buyout Policy Review Committee (Provost appointee)
2021-2022	NM Data Science Institute Co-Director Search Advisory Committee (Chair)
2020-2022	COVID Symptom Screening/Tracing Tool Steering Committee
2020-2021	Committee on Academic Technology (temporary replacement)

Department of Computer Science:

2022-present	Vice-Chair
2021-2022	Department Chair Search Committee
2020-present	Co-Director, MS in Data Science
2020-2021	Director of Undergraduate Studies
2020-2022	Director, Data Science Graduate Certificate
2020-2021	Faculty Search Committees (three hires)
2019-present	Co-Director, Interdisciplinary Data Science Undergraduate Major

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

EDITORIAL DUTIES

Book Series:

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

Journal Editorial Board Membership:

- *ACM Journal for Responsible Computing*
- *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
- Minerva Stiftung (Germany)
- 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*
- *Information, Communication, 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 the American Society for Information Science and Technology*
- *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 Ethics*
- *Journal of Human Computer Interaction*
- *Journal of Information, Communication & Ethics in Society*
- *Journal of Medical Internet Research*
- *Journal of Quantitative Description: Digital Media*
- *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*
- *Social Science Research*
- *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)
- International Conference on Supporting Group Work (GROUP)
- 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, 2023
- Conference on Neural Information Processing Systems (NeurIPS)
 - Ethics Review Committee: 2021-2022
- 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