Karen Levy

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Research Areas

technology law, policy, and ethics / social aspects of data-intensive technologies / surveillance and privacy / work and organizations

Academic Appointments

Associate Professor, Department of Information Science, Cornell University (2022-)
Assistant Professor, Department of Information Science, Cornell University (2016-2022)
⇒   Associate Faculty, Cornell Law School
⇒   Field Faculty, Sociology
⇒   Field Faculty, Science & Technology Studies
⇒   Field Faculty, Data Science
⇒   Field Faculty, Media Studies
⇒   Field Faculty, Applied Information Systems

Postdoctoral Fellow, Information Law Institute, NYU School of Law; New York University Department of Media, Culture, and Communication; Data and Society Research Institute (2014-2016, concurrent)

Education

Ph.D., Sociology, Princeton University (2014)
M.A., Sociology, *with distinction*, Princeton University (2010)
J.D., *magna cum laude*, Indiana University Maurer School of Law (2006)
B.A., Political Science, *with high distinction*, Indiana University (2003)

Publications

Books

2023   **Karen Levy**. Data Driven: Truckers, Technology, and The New Workplace Surveillance. Princeton University Press.
⇒   Awards: McGannon Book Award; Best Book Award, American Sociological Association Section on Communication, Information Technologies, and Media Sociology (CITAMS); Best Information Science Book Award, Association for Information Science and

Technology (ASIS&T); Labor Tech Research Network Book Award; PROSE Award Finalist, Cultural Anthropology and Sociology, Association of American Publishers

⇒ Reviewed: *American Prospect* (by Zephyr Teachout); *New Yorker* (by Gideon Lewis-Kraus); *Wall Street Journal* (by Marc Levinson); *L'Express* (by Julien Damon); *American Affairs* (by Gord Magill); *Prospect Magazine* (by Peter Hoskin); Reboot (by Matthew Sun); *JOTWELL* (by Ari Waldman); *Jacobin* (by Alex Press); *The American Conservative* (by Michael Toscano); *Industrial and Labor Relations Review* (by Jenna Burrell); *ICTjournal* (by Rodolphe Koller); *Overland Literary Journal* (by Rob Horning); *Labor History* (by P. Arun and Avdhesh Kumar); *Information* (by Dominique Routhier); *Global Privacy Law Review* (by Clara Saillant); *Surveillance and Society* (by Eamonn Sullivan); *net.wars* (by Wendy Grossman); *SIAM News* [Society for Industrial and Applied Mathematics] (by Ernest Davis); *Work, Employment, and Society* (by Stephen Frenkel); *AAG Review of Books* [American Association of Geographers] (by Debbie Hopkins)

⇒ Excerpted: *Boston Review*, *Slate*, *WIRED*, *WIRED Japan*

⇒ Selected: TeachPrivacy Notable Privacy and Security Books 2022; Next Big Idea Club Must-Read

Journals, law reviews, and refereed conferences

2024 Harini Suresh, Emily Tseng, Meg Young, Mary Gray, Emma Pierson, and **Karen Levy**. "Participation in the Age of Foundation Models." Proceedings of the ACM Conference on Fairness, Accountability, and Transparency (FAccT) 1609–1621.

2024 Lydia T. Liu, Solon Barocas, Jon Kleinberg, and **Karen Levy**. "On the Actionability of Outcome Prediction." Proceedings of the Thirty-Eighth AAAI Conference on Artificial Intelligence (AAAI-24) 22240–22249.

2024 Pegah Moradi and **Karen Levy**. "'A Fountain Pen Come to Life': The Anxieties of the Autopen.'" *International Journal of Communication*, vol. 18: Forum 784–792.

2023 Sarah Brayne, Sarah Lageson, and **Karen Levy**. "Surveillance Deputies: When Ordinary People Surveil for the State." *Law and Society Review*, 57(4): 462–88.

2023 Benjamin Laufer, Jon Kleinberg, **Karen Levy**, and Helen Nissenbaum. "Strategic Evaluation: Subjects, Evaluators, and Society." Proceedings of the ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO).

2023 Hoda Heidari, Solon Barocas, Jon Kleinberg, and **Karen Levy**. "Informational Diversity and Affinity Bias in Team Growth Dynamics." Proceedings of the ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO).

2023 Jess Hohenstein, Rene F. Kizilcec, Dominic DiFranzo, Zhila Aghajari, Hannah Mieczkowski, **Karen Levy**, Mor Naaman, Jeffrey Hancock, and Malte F. Jung. "Artificial Intelligence in Communication Impacts Language and Social Relationships." *Scientific Reports*, vol. 13: art. 5487.

2022   A. Feder Cooper and **Karen Levy**. "Fast or Accurate? Governing Conflicting Goals in Highly Autonomous Vehicles." *Colorado Technology Law Journal*, vol. 20: 221–250.

2022   **Karen Levy**. "Chilling Effects and Unequal Subjects: A Response to Jonathon Penney's *Understanding Chilling Effects*." *Minnesota Law Review Headnotes*, vol. 106: 392–399.

2022   Fernando A. Delgado, Solon Barocas, and **Karen Levy**. "An Uncommon Task: Participatory Design in Legal AI." Proceedings of the ACM Conference on Computer-Supported Cooperative Work (CSCW), Article 51.
> ⇒   Best Paper Honorable Mention

2022   Marianne Aubin Le Quéré, Ting-Wei Chiang, **Karen Levy**, and Mor Naaman. "Information Needs of Essential Workers During the COVID-19 Pandemic." Proceedings of the ACM Conference on Computer-Supported Cooperative Work (CSCW), Article 306.

2022   Charlotte Schluger, Jonathan P. Chang, Cristian Danescu-Niculescu-Mizil, and **Karen Levy**. "Proactive Moderation of Online Discussions: Existing Practices and the Potential for Algorithmic Support." Proceedings of the ACM Conference on Computer-Supported Cooperative Work (CSCW), Article 370.

2021   Briana Vecchione, Solon Barocas, and **Karen Levy**. "Algorithmic Auditing and Social Justice: Lessons from the History of Audit Studies." Proceedings of the ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO), Article 19, pp. 1–9.

2021   A. Feder Cooper, **Karen Levy**, and Christopher De Sa. "Accuracy-Efficiency Trade-Offs and Accountability in Distributed ML Systems." Proceedings of the ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO), Article 4, pp. 1–11.

2021   Victor Galaz, Miguel A. Centeno, Peter W. Callahan, Amar Causevic, Thayer Patterson, Irina Brass, Seth Baum, Darryl Farber, Joern Fischer, David Garcia, Timon McPhearson, Daniel Jimenez, Brian King, Paul Larcey, and **Karen Levy**. "Artificial Intelligence, Systemic Risks, and Sustainability." *Technology in Society*, v. 67, article 101741.

2021   **Karen Levy**, Kyla Chasalow, and Sarah Riley. "Algorithms and Decision-Making in the Public Sector." *Annual Review of Law and Social Science*, vol. 17: 309–334.

2021   Hoda Heidari, Solon Barocas, Jon Kleinberg, and **Karen Levy**. "On Modeling Human Perceptions of Allocation Policies with Uncertain Outcomes." Proceedings of the 22nd ACM Conference on Economics and Computation (EC): pp. 589–609.
> ⇒   Exemplary Paper Award, Applied Modeling Track
> ⇒   Reprinted in *ACM SIGecom Exchanges*, vol. 20: 47-54, July 2022

2021   Fernando A. Delgado and **Karen Levy**. "A Community-Centered Research Agenda for AI Innovation Policy." *Cornell Policy Review*.

2021   Margot Hanley, Solon Barocas, **Karen Levy**, Shiri Azenkot, and Helen Nissenbaum. "Computer Vision and Conflicting Values: Describing People with Automated Alt Text." *Proceedings of the AAAI/ACM Conference on Artificial Intelligence, Ethics, and Society* (AIES): pp. 543–554.

2021   Kyla Chasalow and **Karen Levy**. "Representativeness in Statistics, Politics, and Machine Learning." *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency* (FAccT): pp. 77–89.

2020   **Karen Levy** and Bruce Schneier. "Privacy Threats in Intimate Relationships." *Journal of Cybersecurity* 6: 1–13.

2020   Solon Barocas and **Karen Levy**. "Privacy Dependencies." *Washington Law Review* 95: 555–616.
       ⇒   Reviewed in *JOTWELL* (by Natalie Ram)

2020   Matthew J. Salganik, Ian Lundberg, Alexander T. Kindel, [100 mass collaboration participants], Jeanne Brooks-Gunn, Barbara E. Engelhardt, Moritz Hardt, Dean Knox, **Karen Levy**, Arvind Narayanan, Brandon M. Stewart, Duncan J. Watts, and Sara McLanahan. "Measuring the Predictability of Life Outcomes with A Scientific Mass Collaboration." *Proceedings of the National Academy of Sciences* 117(15): 8398–8403.

2020   Mor Naaman, Jeff Hancock, and **Karen Levy**. "AI-Mediated Communication: Definition, Research Agenda, and Ethical Considerations." *Journal of Computer-Mediated Communication* 25: 89–100.

2020   Rediet Abebe, Solon Barocas, Jon Kleinberg, **Karen Levy**, Manish Raghavan, and David Robinson. "Roles for Computing in Social Change." *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency* (FAccT): pp. 252–260.

2020   Manish Raghavan, Solon Barocas, Jon Kleinberg, and **Karen Levy**. "Mitigating Bias in Algorithmic Hiring: Evaluating Claims and Practices." *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency* (FAccT): pp. 469–481.

2019   Ian Lundberg, Arvind Narayanan, **Karen Levy**, and Matthew Salganik. "Privacy, Ethics, and Data Access: A Case Study of the Fragile Families Challenge." *Socius* 5: 1–25.

2019   Kiel Brennan-Marquez, **Karen Levy**, and Daniel Susser. "Strange Loops: Apparent versus Actual Human Involvement in Automated Decision-Making." *Berkeley Technology Law Journal* 34: 745–771.

2019   Maria Antoniak, David Mimno, and **Karen Levy**. "Narrative Paths and Negotiation of Power in Birth Stories." *Proceedings of the ACM Conference on Computer-Supported Cooperative Work* (CSCW) 3: Article 88, pp. 1–27.

2019   Clara Berridge, Jodi Halpern, and **Karen Levy**. "Cameras on Beds: The Ethics of Surveillance in Nursing Home Rooms." *American Journal of Bioethics: Empirical Bioethics* 10(1): 55–62.

2019   **Karen Levy**, Lauren Kilgour, and Clara Berridge. "Regulating Privacy in Public/Private Space: The Case of Nursing Home Monitoring Laws." *Elder Law Journal* 26: 323–363.
    ⇒   Reviewed in *JOTWELL* (by Tom Simmons)

2018   Sarah Brayne, **Karen Levy**, and Bryce Newell. "Visual Data and the Law." *Law and Social Inquiry* 43(4): 1149–1163. [editorial essay for symposium issue]

2018   Jevan Hutson, Jessie Taft, Solon Barocas, and **Karen Levy**. "Debiasing Desire: Addressing Bias and Discrimination on Intimate Platforms." Proceedings of the ACM Conference on Computer-Supported Cooperative Work (CSCW) 2(1): Article 73.
    ⇒   Best Paper Honorable Mention

2018   Luke Stark and **Karen Levy**. "The Surveillant Consumer." *Media, Culture, and Society* 40(8): 1202–1220.

2018   **Karen Levy** and Solon Barocas. "Refractive Surveillance: Monitoring Customers to Manage Workers." *International Journal of Communication* 12: 1166–1188.

2018   Rahul Chatterjee, Periwinkle Doerfler, Hadas Orgad, Sam Havron, Jackeline Palmer, Diana Freed, **Karen Levy**, Nicola Dell, Damon McCoy, and Thomas Ristenpart. "The Spyware Used in Intimate Partner Violence." IEEE Symposium on Security and Privacy (Oakland), pp. 993–1010.

2018   Diana Freed, Jackeline Palmer, Diana Minchala, **Karen Levy**, Thomas Ristenpart, and Nicola Dell. "'A Stalker's Paradise': How Intimate Partner Abusers Exploit Technology." Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI): Paper No. 667.
    ⇒   Best Paper Award

2018   **Karen Levy**. "The Phallus-y Fallacy: On Unsexy Intimate Tracking." *American Journal of Bioethics* 18(2): 22–24. [invited essay]

2017   **Karen Levy** and Solon Barocas. "Designing Against Discrimination in Online Markets." *Berkeley Technology Law Journal* 32(3): 1183–1237.
    ⇒   Privacy Papers for Policymakers Award, Future of Privacy Forum

2017   Alex Rosenblat, **Karen Levy**, Solon Barocas, and Tim Hwang. "Discriminating Tastes: Customer Ratings as Vehicles for Bias." *Policy & Internet* 9(3): 256–279.
    ⇒   Best Paper Award, Oxford Internet Institute Conference on Internet, Policy, and Politics

2017   Mary Madden, Michele Gilman, **Karen Levy**, and Alice Marwick. "Privacy, Poverty, and Big Data: A Matrix of Vulnerabilities for Poor Americans." *Washington University Law Review* 95: 53–125.

2017   **Karen Levy**. "Book-Smart, Not Street-Smart: Blockchain-Based Smart Contracts and the Social Workings of Law." *Engaging Science, Technology, and Society* 3: 1–15.
    ⇒   Reprinted in *Computers and Law*, Feb/Mar 2018

2017   Diana Freed, Jackeline Palmer, Diana Minchala, **Karen Levy**, Thomas Ristenpart, and Nicola Dell. "Digital Technologies and Intimate Partner Violence: A Qualitative Analysis with Multiple Stakeholders." *Proceedings of the ACM Conference on Computer-Supported Cooperative Work (CSCW)* 1(1): Article 46.
⇒ Recognition of Contribution to Diversity and Inclusion

2016   **Karen Levy** and David Merritt Johns. "When Open Data is a Trojan Horse: The Weaponization of Transparency in Science and Governance." *Big Data & Society* 3(1).

2016   **Karen Levy**. "Digital Surveillance in the Hypermasculine Workplace." *Feminist Media Studies* 16(2): 361–365.

2015   **Karen Levy**. "The User as Network." *First Monday* 20(11): 1–16.

2015   **Karen Levy**. "Intimate Surveillance." *Idaho Law Review* 51: 679–693.

2015   Matthew J. Salganik and **Karen Levy**. "Wiki Surveys: Open and Quantifiable Social Data Collection." *PLoS ONE* 10(5).

2015   **Karen Levy**. "The Contexts of Control: Information, Power, and Truck Driving Work." *Information Society* 31: 160–174.
⇒ Nicholas C. Mullins Prize, Society for Social Studies of Science (4S)

2014   **Karen Levy** and Michael Franklin. "Driving Regulation: Using Topic Models to Examine Political Contention in the United States Trucking Industry." *Social Science Computer Review* 32(2): 182–194.

2013   **Karen Levy**. "Relational Big Data." *Stanford Law Review Online* 66: 73–79.

Book chapters and articles in edited collections

soon   Michela Meister and **Karen Levy**. "Digital Security and Reproductive Rights: Lessons for Feminist Cyberlaw." In *Feminist Cyberlaw* (M. Leta Jones and A. Levendowski, eds.). University of California Press.

soon   **Karen Levy** and Tim Hwang. "The Presentation of Machine in Everyday Life." In *Robot Law II* (R. Calo, K. Thomasen, and M. Froomkin, eds.). Edward Elgar Publishing.
⇒ Reprinted (originally published as "Backstage at the Machine Theater," *re:form*, 2015).

soon   Meg Leta Jones and **Karen Levy**. "Sporting Chances: Robot Referees and the Automation of Enforcement." In *Robot Law II* (R. Calo, K. Thomasen, and M. Froomkin, eds.). Edward Elgar Publishing.

2020   Pegah Moradi and **Karen Levy**. "The Future of Work in the Age of AI: Displacement or Risk-Shifting?" *Oxford Handbook of Ethics of AI* (M. Dubber, F. Pasquale, and S. Das, eds.). Oxford University Press.

2014   danah boyd, **Karen Levy**, and Alice Marwick. "The Networked Nature of Algorithmic Discrimination." In *Data and Discrimination: Collected Essays* (S. Ganghadaran, V. Eubanks, and S. Barocas, eds.). Open Technology Institute.

Whitepapers and reports

2024   Jerome P. Reiter, Claire McKay Bowen, Aloni Cohen, Diana Farrell, Robert M. Goerge, Nicholas Hart, Hosagrahar V. Jagadish, Daniel Kifer, **Karen Levy**, Salomé Viljoen, and Mark Watson. "Toward a 21st Century National Data Infrastructure: A Framework for Governing Privacy When Sharing Blended Data." National Academies of Sciences, Engineering, and Medicine Consensus Study Report. Washington, DC: National Academies Press.

2021   Michael L. Littman, Ifeoma Ajunwa, Guy Berger, Craig Boutilier, Morgan Currie, Finale Doshi-Velez, Gillian Hadfield, Michael C. Horowitz, Charles Isbell, Hiroaki Kitano, **Karen Levy**, Terah Lyons, Melanie Mitchell, Julie Shah, Steven Sloman, Shannon Vallor, and Toby Walsh. "Gathering Strength, Gathering Storms: The One Hundred Year Study on Artificial Intelligence (AI100) 2021 Study Panel Report." Stanford University One Hundred Year Study on Artificial Intelligence (AI100).

Refereed workshop papers

2020   A. Feder Cooper, **Karen Levy**, and Christopher De Sa. "Regulating Accuracy-Efficiency Trade-Offs in Distributed Machine Learning Systems." Law and Machine Learning Workshop, ICML.

Book reviews and reference entries

2022   **Karen Levy**. Review of *Automation is a Myth* by Luke Munn. *Social Forces*.

2018   **Karen Levy**. "Security Theater." *SAGE Encyclopedia of Surveillance, Security, and Privacy* (Bruce Arrigo, ed.): 898.

2013   **Karen Levy**. Review of *Our Own Devices: Stories of the Machine Age* by Gilles Messier. *Bulletin of Science, Technology, and Society* 33: 55–56.

Essays, op-eds, public writing

2023   **Karen Levy**. "Labor Under Many Eyes: Tracking the Long-Haul Trucker." *Law and Political Economy Project.* January 31.

2023   **Karen Levy**. "What Does it Mean to Resist Surveillance?" *Princeton University Press Ideas.* January 28.

2023   **Karen Levy**. "Why AI Surveillance at Work Leads to Perverse Outcomes." *Psyche*. January 25.

2021   **Karen Levy**. "You Had Me At 'Has Never Filed for Bankruptcy.'" *New York Times*. March 31.

2020   **Karen Levy** and Lauren Kilgour. "Don't Make College Kids the Coronavirus Police." *New York Times*. August 12.

2019   David Merritt Johns and **Karen Levy**. "How Trump's War on Science is Borrowing from the Tobacco Industry Playbook." *Washington Post*. December 13.

2019   **Karen Levy**. "The Choice to Be Good." A review of Ian R. Kerr's "Digital Locks and the Automation of Virtue." *JOTWELL*. September 26.

2019   Clara Berridge and **Karen Levy**. "Webcams in Nursing Home Rooms May Deter Elder Abuse—But Are They Ethical?" *The Conversation*. July 24.
  ⇒ Reprinted by *Chicago Tribune*, *Houston Chronicle*, *Seattle Post-Intelligencer*, others

2018   Nicki Dell, **Karen Levy**, Damon McCoy, and Tom Ristenpart. "How Domestic Abusers Use Smartphones to Spy on Their Partners." *Vox*. May 21.

2018   **Karen Levy**. "No Safe Haven for Victims of Digital Abuse." *Slate*. March 1.

2016   Solon Barocas and **Karen Levy**. "What Customer Data Collection Could Mean for Workers." *Harvard Business Review*. August 31.

2016   **Karen Levy**. "The Case for Precise Outrage." *Points* (Data & Society Research Institute blog). February 2.

2015   **Karen Levy**. "The Future of Work: What Isn't Counted Counts." *Pacific Standard*. August 3.

2015   Tim Hwang and **Karen Levy**. "'The Cloud' and Other Dangerous Metaphors." *The Atlantic*. January 20.

2014   **Karen Levy**. "Rape is Not a Data Problem." *The Atlantic*. October 30.

2014   **Karen Levy**. "To Fight Trucker Fatigue, Focus on Economics, not Electronics." *Los Angeles Times*. July 15.
  ⇒ Reprinted by *Memphis Commercial Appeal*, *Las Vegas Sun*, *Arizona Daily Star*, others

2014   **Karen Levy**. "Sociolegal Studies in the Big Data Age." Law and Society Association 2nd Half-Century Project Junior Scholars Competition Winner.

2013   **Karen Levy**. "Data-Driven Dating: How Data are Shaping our Most Intimate Personal Relationships." *Privacy Perspectives*. December 17.

Grants and Awards

2023   Sloan Foundation
            ⇒   To support writing of *Choices and Consequences in Computing*, with Jon Kleinberg

2023   Cornell Ann S. Bowers Teaching and Advising Excellence Award

2023-   CIFAR Fellow, Program in Innovation, Equity, and the Future of Prosperity

2022   Cornell Ann S. Bowers Research Excellence Award

2020   Russell Sage Foundation
            ⇒   "Case Studies in the Governance of Automated Decision-Making," with Solon Barocas and Jon Kleinberg

2020   MacArthur Foundation X-Grant
            ⇒   To support Summer School on Designing Technology for Social Impact

2020   Berkeley Center for Long-Term Cybersecurity
            ⇒   "Policy Models for Mitigating Privacy Dependencies"

2019   New America National Fellowship
            ⇒   Supported by New America and the Center for the Future of Arizona

2019-23 National Science Foundation
            ⇒   CHS: "Charting a Research Agenda in Artificial Intelligence-Mediated Communication," with Mor Naaman, Malte Jung, Jeff Hancock

2019-23 National Science Foundation
            ⇒   SaTC: "Safety and Security for Targets of Digital Violence," with Nicola Dell, Tom Ristenpart, Damon McCoy

2018   Cornell Institute for the Social Sciences Small Grant
            ⇒   To support "Prediction in Practice" study-workshop

2018-20 National Science Foundation
            ⇒   CCE STEM: "Emerging Cultures of Data Science Ethics in the Academy and Industry," with Solon Barocas, Anna Lauren Hoffmann, Deirdre Mulligan

2018   One Hundred Year Study on Artificial Intelligence (AI100) Study-Workshop Grant ($15,000)
            ⇒   To support "Prediction in Practice" study-workshop, with Solon Barocas, Miranda Bogen, Jon Kleinberg, Helen Nissenbaum, David Robinson

2018-19 Cornell Institute for the Social Sciences Faculty Fellowship

2017-   MacArthur Foundation
            ⇒   To support Artificial Intelligence, Policy, and Practice Initiative, with Solon Barocas, Jon Kleinberg, Helen Nissenbaum

2017   Microsoft
⇒   To support research on ethics and policy issues related to data, agriculture, and sustainability, with Solon Barocas

2017   Sloan Foundation
⇒   To support writing of *Data Driven: Truckers, Technology, and the New Workplace Surveillance*

2016   Borchard Foundation
⇒   "A Sociolegal Analysis of U.S. State Laws Regulating Resident-Room Cameras in Nursing Homes and Assisted Living Communities," with Clara Berridge

2015   Digital Trust Foundation
⇒   "Understanding Privacy as a Means of Economic Redistribution," with Solon Barocas

2013   Horowitz Foundation for Social Policy

2013-14 Center for Human Values Graduate Prize Fellowship, Princeton University

2012   National Science Foundation
⇒   Doctoral Dissertation Research Improvement Grant

2011   Intel Labs
⇒   "Regulation as a Site of Ecosystem Development"

2011   Center for the Study of Social Organization, Princeton University

2009   Yale Law School / Princeton University Program in Law and Public Affairs
⇒   Arthur Liman Public Interest Summer Fellowship

Workshops and Conference Sessions Organized

Workshops

2019   Solon Barocas, Miranda Bogen, Jon Kleinberg, **Karen Levy**, Helen Nissenbaum, and David Robinson. "Prediction in Practice." Workshop held in partnership with the Stanford One Hundred Year Study on Artificial Intelligence (AI100) and Upturn.

2018   Solon Barocas, Casey Fiesler, **Karen Levy**, and Laura Noren. "Teaching Data Science Ethics." Independent workshop held prior to Conference on Fairness, Accountability, and Transparency.

2017   Brian McKinnis, Alissa Centivany, Juho Kim, Marta Poblet, **Karen Levy**, and Gilly Leshed. "Crowdsourcing Law and Policy: A Design-Thinking Approach to Crowd-Civic Systems." ACM Conference on Computer-Supported Cooperative Work (CSCW) Companion 355–61.

2012   Joshua Introne, **Karen Levy**, Sean Munson, Sean Goggins, Rick Wash, and Cecilia Aragon. "Design, Influence, and Social Technologies: Techniques, Impacts, and Ethics." ACM Conference on Computer-Supported Cooperative Work (CSCW) Companion 9–10.

Conference sessions

2015   "Promises and Problems in Sociology, Law, and Technology." American Sociological Association Annual Meeting (co-organizer with Aaron Smyth)

2014   "Big Data, Privacy, and Measurement." Computers, Freedom, and Privacy Conference (co-organizer with Tracy Ann Kosa)

2013   "Intersections Between Public and Private Surveillance." Eastern Sociological Society Annual Meeting

Selected Presentations

2024   Society for Economic Anthropology / Society for the Anthropology of Work Joint Meeting, keynote

2023   Stanford University
        Ethnographic Café
        Boston University
        NYU Institute for Public Knowledge
        Benefits Data Trust
        Nokia Bell Labs
        IBM Watson Research Center
        ASIS&T
        Vrije Universiteit Brussel (VUB)
        Labor Technology Research Network
        White House Office of Science and Technology Policy
        Law and Society Association Annual Meeting
        UK National Association of Data Protection Officers
        UC Irvine
        Apple
        California Labor Lab (UC-Berkeley/UCSF) Annual Conference, keynote
        MIT Sloan School of Management
        Harvard Berkman Klein Center
        Harvard Law School
        Yale Law School
        UCLA
        Washington University School of Law
        Society for Applied Anthropology
        Cornell Department of Communication

Syracuse University

2022   New America
        Reboot
        University of Southern California
        Max Planck Institute
        ACM Conference on Knowledge Discovery and Data Mining (KDD), invited talk
        American Sociological Association Annual Meeting
        AAAI/ACM Conference on AI, Ethics, and Society (AIES), keynote
        Northeastern University School of Law
        Coworker.org
        Howard University Summer Institute in Computational Social Science (SICSS)
        University College London
        Cornell Law School
        University of North Carolina—Charlotte

2021   Notre Dame
        Montreal Speaker Series on AI Ethics
        University of Michigan
        Fordham Law School
        Google
        Silicon Flatirons
        National Academies of Science Committee on Responsible Computing Research
        Canadian Institute for Advanced Research (CIFAR)

2020   HotPETs (Hot Topics in Privacy Enhancing Technologies), keynote
        Privacy Law Scholars Conference
        East Coast Political Economy Consortium, Temple University School of Law
        Cornell Graduate Women in Science Retreat, keynote
        Carnegie Mellon University

2019   Institute for Public Knowledge, NYU
        Color of Surveillance Conference, Georgetown
        Carleton College
        WeRobot Salon, Georgetown
        Privacy Law Scholars Conference
        Economics and Fairness Workshop, Computing Community Consortium, Harvard
        WeRobot, University of Miami
        (Im)Perfect Enforcement Workshop, Yale Law School
        Cornell Sociology Graduate Research Symposium, keynote
        Georgetown University Tech, Law, and Policy Colloquium

2018   Indiana University
        Northeast Privacy Scholars Conference
        Ohio State University School of Law
        New York Law School
        UC-Berkeley
        WeRobot, Stanford

STS and Business History Workshop, Business History Conference, Baltimore
Privacy Law Scholars Conference
Security and Human Behavior Workshop, CMU

2017   All Things in Moderation Conference, UCLA
Columbia University Journalism School
SIGCIS Conference, Measure, Model, Mix: Computer as Instrument, Philadelphia
International Association of Privacy Professionals, Privacy-Security-Risk Conference, keynote
Indiana University Informatics Colloquium/MidweSTS, keynote
AI Now, MIT Media Lab
Northeast Privacy Scholars Conference
Collective Intelligence Conference Plenary Panel, NYU
Privacy Law Scholars Conference
Berkeley Center for Law and Technology, Platform Law Symposium
Gender-Based Violence and IT Design Workshop, Princeton Center for IT Policy
Ethics and AI Series, Cornell
WeRobot, Yale Law School

2016   Collaboration as Big Data Ethics Workshop, Virginia Tech
Center for the Analytic Sciences, North Carolina State University
Security and Human Behavior Workshop, Harvard
NYU Privacy Research Group
Privacy Law Scholars Conference
Rochester Institute of Technology
Unlocking the Black Box Conference, Yale Law School
Gaming Metrics: Innovation and Surveillance in Academic Misconduct, UC Davis

2015   Security and Human Behavior Workshop, Georgetown
DeepLab x NEW INC
WeRobot, University of Washington
Privacy in an Age of Pervasive Surveillance Symposium, University of Idaho School of Law
NYU Privacy Research Group
Cornell University Department of Information Science

2014   Rutgers University Department of Communication
NYC Transportation Research Forum
NYU Privacy Research Group
American Sociological Association Annual Meeting
Privacy Law Scholars Conference
Law and Society Association Annual Meeting
NYU-Stern Computational Text Analysis Workshop
Microsoft Research NYC

2013   Hunter College
TED@NYC
Future of Privacy Forum
American Sociological Association Annual Meeting
Security and Human Behavior Workshop, USC

Law and Society Association Annual Meeting
New School for Social Research

2012   Microsoft Research New England
Intel Labs
Eastern Sociological Society Annual Meeting

Selected Invited Panels and Events

2024   United Nations Advisory Body on Artificial Intelligence (AIAB) Consultative Meeting on
Governance of AI on Future of Work, invited participant
ASA Organizations, Occupations, and Work Panel on Technological Effects on Work,
Occupations, and Related Inequalities, invited panelist

2023   AFL-CIO Tech Institute Digital Technology Briefing, invited panelist
White House Roundtable Discussion on Automated Worker Surveillance, invited presenter
AFL-CIO Labor Innovation and Technology Summit, invited panelist

2022   National Artificial Intelligence Advisory Committee (NAIAC), invited presenter
CIFAR Innovation, Equity, and the Future of Prosperity (IEP) Program Meeting, invited
participant

2021   White House Office of Science and Technology Policy (OSTP)/Joint Center for Political and
Economic Studies, invited panelist
National Telecommunications and Information Administration (NTIA) Privacy, Equity, and
Civil Rights listening session, invited panelist
Beyond Facial Recognition: Our Biometric Future, NYU Law, invited participant
AI100 Launch Event, Stanford Institute for Human-Centered AI (HAI), invited panelist
The New Horizon for Data Rights, UC-Berkeley Center for Long-Term Cybersecurity, invited
panelist

2020   Data Rights, Shared Value, and Redefining Privacy and Security with AI/ML and Emerging
Technologies workshop, UC-Berkeley Center for Long-Term Cybersecurity, invited
participant
Ethics of Technology at Work and in Public Institutions Workshop, Radcliffe Institute for
Advanced Study, Harvard, invited participant

2019   Microsoft Research Faculty Summit, Redmond, invited participant

2018   Integrating Computer Science Ethics workshop, Harvard, invited participant
Technology, Law, and Society Summer Institute, UC-Irvine, faculty member
Artificial Intelligence: Is the Future Now?, Microsoft, panelist
Artificial Intelligence and Workplace Diversity and Inclusion, Rockefeller Foundation, panelist
Social Impacts of AI, MacArthur Foundation, panelist
Ethics, Data Science, and Youth, Cornell Tech, panelist

2017	After the Digital Tornado, Penn Wharton School, panelist
	Technology and the Self, American Academy of Arts & Sciences, invited participant

2016	White House Frontiers Conference, invited participant
	AI Now, White House/NYU Information Law Institute, invited participant

2015   Responsible Use of Open Data in Government & the Private Sector, NYU, moderator
Snowed-In: Art in the Age of Surveillance, Fashion Institute of Technology, panelist
Gameful Approaches to Motivation and Engagement, Penn Wharton School, panelist
Data and Civil Rights Conference, rapporteur
Creepy or Cool? Privacy Risks and Social Norms, SXSW, panelist
Conference on Algorithms and Accountability, NYU Information Law Institute, moderator
Consent and the Network, Eyebeam, panelist

2014   Privacy, Identity, and Innovation (pii2014), panelist
The Year of the Tech Lady, Computers, Freedom, and Privacy Conference, moderator
Junior Scholars Roundtable, Law & Society Association Annual Meeting, panelist
Social, Cultural, and Ethical Dimensions of 'Big Data', White House/Data & Society Research
   Institute/NYU Information Law Institute, invited participant

2013   The New Data Explosion, Quartz/NASDAQ Roundtable, invited participant
Digital Privacy Moves Offline, Princeton Center for Information Technology Policy, panelist
Microsoft Research Social Computing Symposium, invited participant
Consortium for the Science of Social-Technical Systems (CSST) Summer Research Institute,
   invited participant

Teaching

INFO 1200 / STS 1201: Information Ethics, Law, and Policy (with S. Jackson)—S20
INFO 1260 / CS 1340: Choices and Consequences in Computing (with J. Kleinberg)—S21, S22, S24
INFO 4113 / INFO 6113 / LAW 7113: Tech/Law Colloquium—F17, F18, F21
INFO 4250 / LAW 6882: Surveillance and Privacy—F16, S18, F19
INFO 6210 / COMM 6211: Information, Technology, and Society—S17
INFO 6620: Social Research Design and Method—F20, F23, F24

Mentorship and Advising

Postdoc advising and co-advising

David Robinson; Hoda Heidari; Baobao Zhang; Lydia Liu; Harini Suresh

Ph.D. and Law student advising

Dan Bateyko	Information Science	chair
Pegah Moradi	Information Science	co-chair (w/C. Cheyre)
Jordan Ali	Information Science	committee member

Federica Bologna	Information Science	committee member
Anthonia Carter	Information Science	committee member
Aaron Gokaslan	Computer Science	committee member
Margot Hanley	Information Science	committee member
Emma Harvey	Information Science	committee member
Sharon Heung	Information Science	committee member
Crescentia Jung	Information Science	committee member
Katie Miller	Information Science	committee member
Joy Ming	Information Science	committee member
Aspen Omapang	Information Science	committee member
Richard Phillips	Computer Science	committee member
Rosamond Thalken	Information Science	committee member
Timur Uckun	Information Science	committee member
Andrea Wang	Information Science	committee member
Leah Kaplan	Systems Engineering (GWU)	external committee member
Xiao Ma (Ph.D. 2019)	Information Science	committee member
Alexandra Hinck (Ph.D. 2020)	Communication	committee member
Vera Khovanskaya (Ph.D. 2020)	Information Science	committee member
Maggie Jack (Ph.D. 2020)	Information Science	committee member
Shruti Sannon (Ph.D. 2020)	Communication	committee member
Manish Raghavan (Ph.D. 2021)	Computer Science	committee member
Lauren Kilgour (Ph.D. 2021)	Information Science	chair
Liz Alexander (Ph.D. 2021)	English	committee member
Janet Chen (M.A. 2022)	Information Science	committee member
Remy Stewart (Ph.D. 2023)	Sociology	committee member
Sarah Riley (Ph.D. 2023)	Information Science	chair
Diana Freed (Ph.D. 2023)	Information Science	committee member
Briana Vecchione (Ph.D. 2023)	Information Science	chair
Fernando Delgado (Ph.D. 2024)	Information Science	chair
Emily Tseng (Ph.D. 2024)	Information Science	committee member

Independent study supervision: Ra'anaa Samad (Law), fall 2017

Masters student advising

MPS project team supervision: Jevan Hutson, Jessie Taft, Olivia Wherry, spring 2017

Independent study supervision: Jessie Taft, summer 2017; Trinh Le, fall 2016

Undergraduate student advising

Thesis committee member: Aadi Kulkarni (Policy Analysis and Management, 2022); Kyla Chasalow (Arts & Sciences College Scholar, 2020); Pegah Moradi (Arts & Sciences College Scholar, 2018)

Independent study supervision: Christine Chau, fall 2020; Rishi Advani, fall 2020; Anisha Amurthur, fall 2019; Kim Lee, spring 2017

Affiliations and Service

Professional boards and committees

Book Award Committee, American Sociological Association, Communication, Information Technologies, and Media Sociology (CITAMS) Section, 2024

One Hundred Year Study on Artificial Intelligence (AI100) Standing Committee, Stanford University, 2023-2026

Study panel, Workshop on Approaches for Data Governance and Protecting Privacy, National Academies of Sciences, Engineering, And Medicine (NASEM), 2022-2023

Surveillance Studies Network, Mentor, 2022-2023

Director of Research Search Committee, Data & Society Research Institute, 2021, 2022

One Hundred Year Study on Artificial Intelligence (AI100) Study Panel, Stanford University, 2020-2021

Public Interest Technology University Network, Cornell designee, 2020-2021

Northeastern University Center for Law, Innovation, and Creativity (CLIC), Faculty Affiliate, 2020-

Black in AI, Mentor, 2018-2020

AI Now Institute Academic Council, New York University, 2017-

Board of Advisors, Fragile Families Challenge, Princeton University, 2017-2020

One Hundred Year Study on Artificial Intelligence (AI100) Index Design Committee, Stanford University, 2016-2017

McGannon Award for Social and Ethical Relevance in Communication Technology Research, Selection Committee, Fordham University, 2016, 2017

University and departmental service

Free Expression Committee, Cornell Bowers College of Computing and Information Science, 2023/24

Faculty Hiring Committee, Cornell Department of Communication, 2023/24

Faculty Library Board, 2020-2025

Broadening Participation Committee, Cornell Department of Information Science, 2020/21; chair, 2021/22

PhD Diversity Committee, Cornell Bowers College of Computing and Information Science, 2020/21

Search Committee, Center for Data Science for Enterprise and Society, Cornell University, 2019/20, 2020/21, 2021/22

Presidential Postdoctoral Fellow Review Committee, Cornell University, 2019/20

Faculty Hiring Committee, Cornell Department of Information Science, 2017/18, 2018/19, 2019/20, 2023/24

Chair Search Committee, Cornell Department of Information Science, 2017/18

Graduate Admissions Committee, Cornell Department of Information Science, 2016/17

Faculty-Staff Engagement Committee, Cornell College of Computing and Information Science, 2016/17

Cornell advisory boards and affiliations

Milstein Program for Technology and Humanity, Faculty Advisory Board
Women in Computing at Cornell (WICC), Faculty Board
Center for the Study of Inequality, Faculty Affiliate
Center for the Study of Economy and Society, Faculty Affiliate
Center for the Social Sciences, Faculty Affiliate
Atkinson Center for Sustainability, Faculty Fellow
Media Studies Initiative, Faculty Affiliate
Digital Life Initiative, Leadership Team
Keeton House, Faculty Fellow (2018-19)

Program and steering committees

Privacy Law Scholars Conference (PLSC) Planning Committee	2020-2026
ACM Conf. on Fairness, Accountability, & Transparency (FAccT):	
Steering Committee	2021-
Program Committee	2018, 2019, 2021, 2022
Doctoral Consortium Mentor	2022
Track Chair	2019
Network Co-Chair	2019-2022
Int'l Conf. on Cross-Disciplinary Research in Computational Law	2022
ACM Conf. on Computer Supported Collaborative Work (CSCW)	2021
NeurIPS (Datasets and Benchmarks Track)	2021
Workshop on Technology & Consumer Protection (ConPro)	2020
Mechanism Design for Social Good (MD4SG)	2018, 2019, 2020
ACM Conf. on Human Factors in Computing Systems (CHI):	
Workshops Committee	2019
Data for Good Exchange (D4GX)	2018
Exploring Individual Differences in Privacy Workshop (@CHI)	2018
American Psych. Assn. Technology, Mind, & Society Conference	2018
Information Ethics Roundtable (IER)	2018
Interrogating Biosensing in Everyday Life Workshop (@DIS)	2017
LinkedDemocracy	2017
Hawaii International Conference on System Sciences (HICSS)	2015

Ad hoc reviewing

Engaging Science Technology and Society, *Ethnography*, *Industrial and Labor Relations Review*, *International Journal of Communication*, *Journal of Business Ethics*, *Media and Communication*, *Organization Science*, *Public Culture*, *Socius*, *Telecommunications Policy*,

Time and Society, Cambridge University Press, Columbia University Press, Harvard University Press, Oxford University Press, Princeton University Press, Yale University Press, University of Haifa Center for Cyber Law and Policy, New America, National Science Foundation, Russell Sage Foundation, Sloan Foundation

Journal editorships

Editorial Board, *Contemporary Sociology*, 2025-
Guest Editor, special issue on visual data (w/S. Brayne, B. Newell), *Law and Social Inquiry*, 2018
Area Editor for Law and Technology, *Computers and Society* (ACM SIGCAS), 2015-2016
Executive Notes Editor, *Indiana Journal of Global Legal Studies*, 2005-2006

Professional associations

Co-Chair, Collaborative Research Network for Technology, Law, and Society, Law & Society Association, 2015-2016
Bar admission, Indiana (state and federal courts)
Member: American Sociological Association, Law and Society Association, Consortium for the Science of Sociotechnical Systems, Society for Social Studies of Science

Media Coverage

New York Times, Washington Post, New Yorker, Boston Review, Chicago Tribune, American Prospect, WIRED, Nature, Phenomenal World, Land Line, Mother Jones, Marketplace, Bloomberg, FreightWaves, Fleet Owner, SiriusXM Road Dog Trucking Radio, New Scientist, Vox, Popular Science, FiveThirtyEight, Psychology Today, The Atlantic, The Verge, Fast Company, The Guardian, BuzzFeed, NPR, CBC, Fusion, MIT Technology Review, VICE, Jezebel, others (details on website)

[Jun 2024]