KAREN E.C. LEVY

Department of Information Science   karen.levy@cornell.edu
Cornell University   ph: 317-682-8287
207 Gates Hall
Ithaca, NY 14853   www.karen-levy.net

RESEARCH AREAS

surveillance and monitoring; social control and regulation; law and technology; social, organizational, and ethical contexts of technological systems; socioeconomic marginalization

EMPLOYMENT

Assistant Professor, Cornell University Department of Information Science, 2016-
- Affiliated Faculty, Cornell Law School

Visiting Assistant Professor, Cornell University Department of Information Science, 2015/16

Postdoctoral Associate, New York University, 2014-2016
- Information Law Institute, New York University School of Law
- Department of Media, Culture, and Communication

Fellow, Data and Society Research Institute, 2014-2016

EDUCATION

Ph.D., Sociology, Princeton University, 2014
- Dissertation: "The Automation of Compliance: Techno-Legal Regulation in the U.S. Trucking Industry"
- Committee: Paul DiMaggio (chair), Kim Scheppele, Janet Vertesi

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

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

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

Levy, Karen E.C. 2015. "The User As Network." *First Monday* 20(11).

Levy, Karen E.C. "Intimate Surveillance." 2015. *Idaho Law Review* 51: 679-93.

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

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

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

Levy, Karen E.C. 2013. "Relational Big Data." *Stanford Law Review Online* 66: 73-79.

Under review:

Levy, Karen E.C. "Law Is More Than Code: Blockchain-Based Contracts and the Social Workings of Law."

Manuscripts in progress:

Levy, Karen E.C. Data Driven: Truckers and The New Workplace Surveillance. Book under contract with Princeton University Press.

Levy, Karen E.C., and Solon Barocas. "Putting Privacy to Work: How Customer Tracking Implicates Workers."

Madden, Mary, Michele Gilman, Karen Levy, and Alice Marwick. "The Class Differential in Privacy Vulnerability."

Stark, Luke, and Karen E.C. Levy. "The Normalization of the Consumer-as-Surveillor."

Levy, Karen E.C. "Beating the Box: Surveillance and Resistance in the U.S. Trucking Industry."

Book reviews and reference entries:

Levy, Karen E.C. "Security Theater." Forthcoming, *SAGE Encyclopedia of Surveillance, Security, and Privacy* (Bruce Arrigo & J. Geoffrey Golson, eds.).

Levy, Karen E.C. 2013. Review of *Our Own Devices: Stories of the Machine Age* by

Gilles Messier. *Bulletin of Science, Technology, and Society* 33: 55-56.

Essays and op-eds:

Levy, Karen. "The Case for Precise Outrage." *Points*. February 2, 2016.

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

Levy, Karen, and Tim Hwang. "Back Stage at the Machine Theater." *re:form*. April 10, 2015.

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

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

boyd, danah, 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. 2014.

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

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

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

Levy, Karen E., with Fred Kent and Cynthia Nikitin. "Reinventing the Courthouse: Courts in a New Paradigm of Place." Project for Public Spaces whitepaper. 2009.

GRANTS & AWARDS		
	2015	Digital Trust Foundation, "Understanding Privacy as a Means of Economic Redistribution" ($75,000; co-PI with Solon Barocas)
	2014	Law and Society Association 2nd Half-Century Competition Winner
	2013	Horowitz Foundation for Social Policy ($7,500)
	2013/14	Center for Human Values Graduate Prize Fellowship, Princeton University ($32,000)
	2013/14	Laurance S. Rockefeller Graduate Fellowship, Princeton University
	2013/14	Andrew W. Mellon Foundation/American Council of Learned Societies Dissertation Completion Fellowship (declined)
	2012	National Science Foundation Doctoral Dissertation Research

Improvement Grant ($11,327)

2012	Dissertation Support Grant, Princeton University Department of Sociology ($1,000)
2011	Intel Labs Research Grant, "Regulation as a Site of Ecosystem Development" ($10,000)
2011/12	Center for the Study of Social Organization Graduate Research Award, Princeton University ($5,000)
2009	Arthur Liman Public Interest Summer Fellowship, Yale Law School / Princeton University Program in Law and Public Affairs ($4,000)
2008/09	A. Gifford Agnew II Endowed Fellowship, Princeton University
2006	Order of the Coif, Indiana University Maurer School of Law
2006	Scribe Award for Excellence in Legal Writing, Indiana University Maurer School of Law

SELECTED
PRESENTATIONS

"Boss Buttons and UI Tattletales." Security and Human Behavior Workshop, Harvard University, May 2016.

"Refractive Surveillance: New Data Ecologies in the Workplace" (with Solon Barocas). Theorizing the Web, Apr 2016.

"Beating the Box: Surveillance and Resistance in Trucking." Rochester Institute of Technology, Apr 2016.

"The Black Box as Prop: Surveillance, Performance, and the Destabilization of Authority." Unlocking the Black Box, Yale Law School, Apr 2016.

"Resistance to Surveillance: 3 Lessons from Low-Wage Labor." Gaming Metrics: Innovation and Surveillance in Academic Misconduct, University of California—Davis, Feb 2016.

"Surveillance as Care." Security and Human Behavior Workshop, Georgetown University, Jun 2015.

"Surveillance as Care and the Anxiety Feedback Loop." DeepLab x NEW INC, May 2015.

"We Watch Because We Care: Configuring the Consumer-as-Surveillor" (with Luke Stark). Theorizing the Web, Apr 2015.

"The Presentation of Machine in Everyday Life" (with Tim Hwang). WeRobot, University of Washington School of Law, Apr 2015.

"Intimate Surveillance." Symposium on Privacy in an Age of Pervasive Surveillance, University of Idaho School of Law, Apr 2015.

"Unequal Harms: Socioeconomic Status, Race, and Gender in Privacy Research" (with Alice Marwick). New York University Privacy Research Group, Mar 2015.

"The Automation of Compliance: Techno-Legal Regulation in the U.S. Trucking Industry." Cornell University Department of Information Science, Jan 2015.

"The Contexts of Control: Information, Power, and Truck Driving Work." Rutgers University Department of Communication, Dec 2014.

"Electronic Monitoring and Resistance in the Long-Haul Trucking Industry." Transportation Research Forum, Dec 2014.

"Networked Resistance to Electronic Surveillance." New York University Privacy Research Group, Oct 2014.

"Challenges of Human/Machine Law Enforcement Hybridity." American Sociological Association Annual Meeting, San Francisco, Aug 2014.

"Beating the Box: Surveillance and Resistance in Trucking." Privacy Law Scholars Conference, Washington DC, Jun 2014.

"Challenges of Human/Machine Law Enforcement Hybridity." Law and Society Association Annual Meeting, Minneapolis, May 2014.

"Text Analysis of Regulatory Conflicts in Trucking." NYU-Stern Computational Text Analysis Workshop, May 2014.

"The Myth of the End User." Theorizing the Web, Apr 2014.

"Digital Enforcement in the U.S. Trucking Industry." Microsoft Research New York City, Feb 2014.

"Beating the Box: Electronic Surveillance and Resistance." Hunter College, Nov 2013.

"What Can Truckers Tell Us About Surveillance?" TED@NYC, Oct 2013.

"Relational Big Data." Future of Privacy Forum, Washington DC, Sept 2013.

"Electronic Monitoring and Sociotechnical Control in the U.S. Trucking Industry." American Sociological Association Annual Meeting, New York, Aug 2013.

"Safety, Usability, and Enforcement – Notes from Trucking." Security and Human Behavior Workshop, Univ. of Southern California, Jun 2013.

"The Automation of Compliance: Techno-Legal Regulation in the U.S. Trucking Industry." Law and Society Association Annual Meeting, Boston, May 2013.

"The Automation of Compliance: Techno-Legal Regulation in the U.S. Trucking Industry." New School for Social Research, Apr 2013.

"Privacy, Professionalism, and Techno-Legal Regulation of U.S. Truckers." New York Privacy Research Group, Sept 2012.

"The Automation of Compliance: Techno-Legal Regulation in the U.S. Trucking Industry." Microsoft Research New England, Cambridge, MA, Jun 2012.

"Sociotechnical Hurdles to the E-Democratic Ideal." Intel Labs, Hillsboro, OR, Feb 2012.

"Strategies for Self-Regulation Among Independent Workers." Eastern Sociological Society Annual Meeting, New York, Feb 2012.

"Restrictive Technologies in Vehicles: Surveillance, Accountability, and Control." Intel Labs, Hillsboro, OR, Jul 2011.

"Regulation by Law and by Architecture." Princeton University Crime and Punishment Workshop, Apr 2011.

INVITED PANELS & COLLOQUIA

Participant, "Artficial Intelligence Now," White House and NYU Information Law Institute, Jul 2016.

Moderator, "Responsible Use of Open Data in Government and the Private Sector," New York University Information Law Institute, Nov 2015.

Panelist, "Snowed-In: Art in the Age of Surveillance," Fashion Institute of Technology, Nov 2015.

Panelist, "Key Questions for Gamification," Gameful Approaches to Motivation and Engagement Workshop, Penn Wharton Business School, Nov 2015.

Rapporteur, Data and Civil Rights Conference, Washington DC, Oct 2015.

Panelist, "Creepy or Cool? Privacy Risks and Social Norms," SXSW, Austin, TX, Mar 2015.

Moderator, Conference on Algorithms and Accountability, New York University Information Law Institute, Feb 2015.

Panelist, "Consent and the Network," Eyebeam, Brooklyn, Jan 2015.

Panelist, "The Business and Ethics of (Big) Data: Algorithms, Analytics, and Autonomy," Privacy, Identity, and Innovation (pii2014), Palo Alto, Nov 2014.

Rapporteur, Data and Civil Rights Conference, Washington DC, Oct 2014.

Moderator, "The Year of the Tech Lady," Computers, Freedom, and Privacy Conference, Washington DC, Jun 2014.

Panelist, 50th Anniversary Junior Scholars Roundtable, Law and Society Association Annual Meeting, Minneapolis, May 2014.

Rapporteur, "The Social, Cultural, and Ethical Dimensions of 'Big Data'," White House Office of Science and Technology Policy, Data & Society Research Institute, and NYU Information Law Institute, New York, Mar 2014.

Participant, "The New Data Explosion," Quartz/NASDAQ Roundtable, New York, Dec 2013.

Panelist, "Digital Privacy Moves Offline," Big Privacy Conference, Princeton Center for Information Technology Policy, Apr 2013.

Participant, Microsoft Research Social Computing Symposium, New York, Jan 2013.

Participant, Consortium for the Science of Social-Technical Systems (CSST) Summer Research Institute, Fort Myers, FL, Jun 2011.

CONFERENCE SESSIONS & WORKSHOPS ORGANIZED

Paper sessions and panels:

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

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

"Intersections Between Public and Private Surveillance." Eastern Sociological Society Annual Meeting, Boston, Mar 2013 (organizer and discussant).

Workshops:

"Design, Influence, and Social Technologies: Techniques, Impacts, and Ethics." Computer Supported Collaborative Work (CSCW), Seattle, Feb 2012 (co-organizer with Joshua Introne, Sean Munson, Sean Goggins, Rick Wash, Cecilia Aragon).

"Championing the Impact of Sociotechnical Research." iConference, Toronto, Feb 2012 (co-organizer with Helena Mentis, Rebecca Reynolds, Joshua Introne, Charles Steinfield, Andrea Forte).

SELECTED PROFESSIONAL EXPERIENCE	Intel Interaction and Experience (IXR) Research Lab, Graduate Intern, 2011
	Project for Public Spaces, Summer Fellow, 2009
	Law Clerk, Hon. Sarah Evans Barker, U.S. District Court, Indianapolis, 2006-08
	Human Rights Commission of Bloomington, IN, Legal Intern, 2004

TEACHING

Cornell University:

Surveillance and Privacy (INFO 4250), Fall 2016

Princeton University:

Sociology of Law, Teaching Assistant to Prof. Kim Scheppele, Spring 2011
Social Networks, Teaching Assistant to Prof. Matt Salganik, Fall 2010
Sociology from E Street: Bruce Springsteen's America, Teaching Assistant to Prof. Mitch Duneier, Fall 2009

MENTORSHIP & ADVISING

Graduate student advising:

Maggie Jack (Cornell Information Science)—committee member
Lauren Kilgour (Cornell Information Science)—advisor
Vera Khovanskaya (Cornell Information Science)—committee member
Xiao Ma (Cornell Information Science)—committee member

Graduate Mentor, Values in Public Life Program, Princeton University, 2013/14

Practice Group Advisor, Indiana University Maurer School of Law, 2004/05

AFFILIATIONS & SERVICE

External centers and committees:

National Science Foundation Big Data Innovation Hub, Co-Lead for Ethics & Policy Spoke, 2015-

Intel Science and Technology Center for Social Computing, Affiliate, 2014/15

University centers and committees:

Privacy Research Group (PRG), New York University, Member, 2012-2016

Center for Human Values (UCHV), Princeton University, Graduate Fellow, 2013/14

Center for Information Technology Policy (CITP), Princeton University, Graduate Affiliate, 2011-2014

Center for the Study of Social Organization (CSSO), Princeton University, Research Affiliate, 2011-2014

Law and Public Affairs Program (LAPA), Princeton University, Graduate Associate, 2008-2014

Professional associations:

Co-Chair, Collaborative Research Network for Technology, Law, and Society, Law & Society Association, 2015-

Member, American Sociological Association; Law and Society Association; Consortium for the Science of Sociotechnical Systems; Society for Social Studies of Science

Bar admission, Indiana (state and federal courts)

Journals:

Area Editor for Law and Technology, *Computers and Society* (ACM SIGCAS), 2015-

Executive Notes Editor, *Indiana Journal of Global Legal Studies*, 2005/06

Reviewer: *Ethnography; Media and Communication*; *Journal of Information Technology and Politics*; Hawaii International Conference on System Sciences (HICSS); Cambridge University Press

[Jun 2016]