

# KAREN E.C. LEVY

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## RESEARCH AREAS

surveillance and privacy; law and technology; social control; social, organizational, and ethical contexts of technological systems; marginalization; work; intimacy

## EMPLOYMENT

Assistant Professor, Department of Information Science, Cornell University, 2016-

- Associated Faculty, Cornell Law School
- Field Faculty, Department of Science & Technology Studies
- Faculty Affiliate, Cornell Center for the Study of Inequality
- Faculty Affiliate, Cornell Media Studies Initiative

Visiting Assistant Professor, Department of Information Science, Cornell University, 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

- 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

### *Journals and law reviews*

Levy, Karen, and Solon Barocas. Forthcoming. "Refractive Surveillance: Monitoring Customers to Manage Workers." *International Journal of Communication*.

Levy, Karen, and Solon Barocas. Forthcoming. "Designing Against Discrimination in Online Markets." *Berkeley Technology Law Journal*.

Rosenblat, Alex, Karen E.C. Levy, Solon Barocas, and Tim Hwang. Forthcoming. "Discriminating Tastes: Customer Ratings as Vehicles for Bias." *Policy & Internet*.

- Best Paper Award, Oxford Internet Institute Conference on Internet, Policy, and Politics, 2016

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

Levy, Karen E.C. 2017. "Book-Smart, Not Street-Smart: Blockchain-Based Smart Contracts and the Social Workings of Law." *Engaging Science, Technology, and Society* 3: 1-15.

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. 2015. "Intimate Surveillance." *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.

- 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.

### **Articles in edited collections**

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

### **Manuscripts in preparation**

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

### **Book reviews and reference entries**

Levy, Karen E.C. Forthcoming. "Security Theater." *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**

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

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.

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*, etc.

Levy, Karen E.C. "Sociolegal Studies in the Big Data Age." Winner, Law and Society Association 2<sup>nd</sup> 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.

## **Whitepapers**

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

## **GRANTS AND AWARDS**

Cornell Digital Agriculture Initiative, 2017 (\$74,986)

- "Social and Policy Considerations in the Adoption of Digital Agriculture"
- co-PI with Harold van Es, Solon Barocas

Albert and Elaine Borchard Foundation, 2016 (\$20,000)

- "A Sociolegal Analysis of U.S. State Laws Regulating Resident-Room Cameras in Nursing Homes and Assisted Living Communities"
- co-PI with Clara Berridge

Digital Trust Foundation, 2015 (\$75,000)

- "Understanding Privacy as a Means of Economic Redistribution"
- co-PI with Solon Barocas

Horowitz Foundation for Social Policy, 2013 (\$7,500)

Center for Human Values Graduate Prize Fellowship, Princeton University, 2013/14 (\$32,000)

Andrew W. Mellon Foundation/American Council of Learned Societies Dissertation Completion Fellowship, 2013/14 (declined)

National Science Foundation, 2012 (\$11,327)

- Doctoral Dissertation Research Improvement Grant

Intel Labs, 2011 (\$10,000)

- "Regulation as a Site of Ecosystem Development"

Center for the Study of Social Organization, Princeton University, 2011/12 (\$5,000)

Yale Law School / Princeton University Program in Law and Public Affairs, 2009 (\$4,000)

- Arthur Liman Public Interest Summer Fellowship

Order of the Coif, Indiana University Maurer School of Law, 2006

Scribe Award for Excellence in Legal Writing, Indiana University Maurer School of Law, 2006

## **WORKSHOPS AND CONFERENCE SESSIONS ORGANIZED**

### **Workshops**

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." In *Proceedings of the ACM 2017 Conference on Computer Supported Collaborative Work (CSCW '17)*.

Joshua Introne, Karen Levy, Sean Munson, Sean Goggins, Rick Wash, and Cecilia Aragon. "Design, Influence, and Social Technologies: Techniques, Impacts, and Ethics." In *Proceedings of the ACM 2012 Conference on Computer Supported Cooperative Work (CSCW '12)*.

Helena Mentis, Rebecca Reynolds, Karen Levy, Joshua Introne, Charles Steinfeld, and Andrea Forte. "Championing the Impact of Sociotechnical Research." In *Proceedings of the iConference 2012*, Toronto, Canada.

### **Paper sessions and conference panels**

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

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

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

## **SELECTED PRESENTATIONS**

AI Now, MIT Media Lab, 2017.

Collective Intelligence Conference Plenary Panel, NYU, 2017.

Privacy Law Scholars Conference, Berkeley, 2017.

Platform Law Symposium, Berkeley Center for Law and Technology, 2017.

Gender-Based Violence and IT Design Workshop, Princeton Center for IT Policy, 2017.

Ethics and AI Series, Cornell University, 2017.

WeRobot, Yale Law School, 2017.

Collaboration as Big Data Ethics Workshop, Virginia Tech, 2016.

Center for the Analytic Sciences, North Carolina State University, 2016.

Security and Human Behavior Workshop, Harvard University, 2016.

Theorizing the Web, 2016.

NYU Privacy Research Group, 2016.

MAGIC Lab, Rochester Institute of Technology, 2016.

Unlocking the Black Box Conference, Yale Law School, 2016.

Gaming Metrics: Innovation and Surveillance in Academic Misconduct, UC Davis, 2016.

Security and Human Behavior Workshop, Georgetown University, 2015.

DeepLab x NEW INC, 2015.

Theorizing the Web, 2015.

WeRobot, University of Washington School of Law, 2015.

Privacy in an Age of Pervasive Surveillance Symposium, University of Idaho School of Law, 2015.

NYU Privacy Research Group, 2015.  
Department of Information Science, Cornell University, 2015.  
Department of Communication, Rutgers University, 2014.  
Transportation Research Forum, 2014.  
NYU Privacy Research Group, 2014.  
American Sociological Association Annual Meeting, 2014.  
Privacy Law Scholars Conference, 2014.  
Law and Society Association Annual Meeting, 2014.  
NYU-Stern Computational Text Analysis Workshop, 2014.  
Theorizing the Web, 2014.  
Microsoft Research NYC, 2014.  
Hunter College, 2013.  
TED@NYC, 2013.  
Future of Privacy Forum, 2013.  
American Sociological Association Annual Meeting, 2013.  
Security and Human Behavior Workshop, Univ. of Southern California, 2013.  
Law and Society Association Annual Meeting, 2013.  
New School for Social Research, 2013.  
Microsoft Research New England, 2012.  
Intel Labs, 2012.  
Eastern Sociological Society Annual Meeting, 2012.

## INVITED PANELS AND COLLOQUIA

Technology and the Self, American Academy of Arts & Sciences, invited participant, 2017.  
White House Frontiers Conference, invited participant, 2016.  
AI Now, White House/NYU Information Law Institute, invited participant, 2016.  
Responsible Use of Open Data in Government & the Private Sector, NYU, moderator, 2015.  
Snowed-In: Art in the Age of Surveillance, Fashion Institute of Technology, panelist, 2015.  
Gameful Approaches to Motivation and Engagement, UPenn Wharton, panelist, Nov 2015.  
Data and Civil Rights Conference, rapporteur, 2015.  
Creepy or Cool? Privacy Risks and Social Norms, SXSW, panelist, 2015.  
Conference on Algorithms and Accountability, NYU Information Law Institute, moderator, 2015.  
Consent and the Network,” Eyebeam, panelist, 2015.  
Privacy, Identity, and Innovation (pii2014), panelist, 2014.  
The Year of the Tech Lady, Computers, Freedom, and Privacy Conference, moderator, 2014.  
Junior Scholars Roundtable, Law & Society Association Annual Meeting, panelist, 2014.  
The Social, Cultural, and Ethical Dimensions of ‘Big Data’, White House/Data & Society Research Institute/NYU Information Law Institute, invited participant, 2014.  
The New Data Explosion, Quartz/NASDAQ Roundtable, participant, 2013.  
Digital Privacy Moves Offline, Princeton Center for Information Technology Policy, panelist, 2013.  
Microsoft Research Social Computing Symposium, invited participant, 2013.  
Consortium for the Science of Social-Technical Systems (CSST) Summer Research Institute, participant, 2011.

## SELECTED RESEARCH 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***

Tech/Law Colloquium (INFO 6113/LAW 7113), fall 2017

Information, Technology, and Society (INFO 6210/COMM 6211), spring 2017

Surveillance and Privacy (INFO 4250/LAW 6882), fall 2016

### ***Princeton University***

Sociology of Law, Teaching Assistant to Prof. Kim Scheppelle, 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 AND ADVISING

### ***Ph.D. student advising***

Idil Ali (Information Science), advisor

Fernando Delgado (Information Science), co-advisor

Lauren Kilgour (Information Science), advisor

Maggie Jack (Information Science), committee member

Vera Khovanskaya (Information Science), committee member

Xiao Ma (Information Science), committee member

Shruti Sannon (Communication), committee member

### ***Masters student advising***

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

Jessie Taft, independent study supervision, summer 2017  
Trinh Le, independent study supervision, fall 2016

### ***Undergraduate student advising***

Kim Lee, independent study supervision, spring 2017

## **AFFILIATIONS AND SERVICE**

### ***External centers and committees***

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

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

National Science Foundation Big Data Innovation Hub, Ethics & Policy Ring, 2015-2016

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

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

### ***University centers and committees***

#### **Cornell:**

Hiring Committee, Department of Information Science, 2017/18

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

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

#### **NYU:**

Privacy Research Group (PRG), Member, 2012-2016

#### **Princeton:**

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

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

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

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

### ***Program committees***

LinkedDemocracy, 2017

Interrogating Biosensing in Everyday Life Workshop, Designing Interactive Systems (DIS), 2017

### ***Journal editorships***



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

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

### **Professional associations**

Co-Chair, Collaborative Research Network for Technology, Law, and Society, Law & Society Association, 2015/16

Collaborator, Deep Lab

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

### **Reviewer**

*Engaging Science, Technology, and Society*

*Ethnography*

*International Journal of Communication*

*Media and Communication*

*Public Culture*

*Time and Society*

Cambridge University Press

Princeton University Press

Hawaii International Conference on System Sciences (HICSS)

National Science Foundation (NSF)

## **MEDIA COVERAGE**

*New York Times, Washington Post, Boston Review, New Scientist, Psychology Today, The Atlantic, Fast Company, The Guardian, NPR, CBC, Fusion, MIT Technology Review, VICE, others (details available on website)*

[July 2017]