

# Emma Lurie

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## Education

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### University of California, Berkeley

Berkeley, CA

#### PHD IN INFORMATION SCIENCE

2019 - 2025

- Dissertation: Searching for Accountability: Contested Harms, Algorithmic Audits, and the Governance of Sociotechnical Systems

### Stanford Law School

Stanford, CA

#### JURIS DOCTORATE

2022 - 2025

- Stanford AI and Law Society President; Public Interest Fellow; Criminal Defense Clinic; Stanford Law Association Academic Chair; Student Lead of ArchCity Defenders Pro Bono Project

### Wellesley College

Wellesley, MA

#### BA IN COMPUTER SCIENCE (HONORS) AND CHINESE LANGUAGE & CULTURE

2015 - 2019

- Honors thesis: The Challenges of Algorithmically Assigning Fact-checks: A Sociotechnical Examination of Google's Reviewed Claims

## Professional Experience

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### University of Pennsylvania Computer and Information Science Department

Philadelphia, PA

#### POSTDOCTORAL RESEARCHER

August 2025 - Present

- Conduct civil rights-focused audits of AI systems in collaboration with Professors Danaé Metaxa (UPenn CS) and Sorelle Friedler (Haverford CS).
- Develop empirical studies and methods to assess algorithmic systems for civil liberties violations, with particular attention to online speech rights and criminal justice.
- Apply interdisciplinary approaches combining legal analysis, algorithmic auditing, and empirical research to technology governance challenges.

### Knight First Amendment Institute

New York, NY

#### SUMMER ATTORNEY INTERN

June 2024 - August 2024

- Composed comprehensive legal memoranda analyzing issues at the intersection of free speech and technology, including Section 230 of the Communications Decency Act and government-compelled speech.
- Drafted technical explainers relevant to the Institute's work.

### Cybersecurity and Infrastructure Security Agency

Arlington, VA

#### SUMMER ATTORNEY INTERN

June 2023 - August 2023

- Conducted legal research and draft memoranda on cyberlaw and policy for the Office of the Chief Counsel.
- Collaborated with attorneys to provide guidance on interpreting federal agency's statutory authorities.

### Stanford Internet Observatory

Stanford, CA

#### GRADUATE POLICY RESEARCH ASSISTANT

September 2022 - March 2023

- Coauthored public-facing reports on platform policies and viral misinformation in the run-up to the 2022 election.
- Led a team of undergraduate researchers writing a report on misinformation on TikTok.

### ACLU of Northern California

San Francisco, CA

#### TECHNOLOGY AND CIVIL LIBERTIES INTERN

May 2022 - August 2022

- Drafted memos deconstructing complex technical topics and surfacing legal issues.
- Synthesized technical research and leveraged computational techniques to provide insights into technology and civil liberties issues around government surveillance, privacy, and AI.

### Plaintext Group

New York, NY

#### CONTRACT RESEARCHER

January 2022 - April 2022

- Provided research support on current technology policy issues including platform regulation, web3, and researcher data access.
- Drafted grant proposals and collaborated with other funding bodies.

## UC Berkeley School of Information

Berkeley, CA

### GRADUATE STUDENT RESEARCHER

August 2019 - August 2022

- Ongoing research projects studying online election information; e-discovery systems and predictive coding; online harassment of student activists; and AI ethics.

## UC Berkeley School of Information

Berkeley, CA

### GRADUATE STUDENT INSTRUCTOR

Fall 2020, Fall 2021

- Developed curriculum and activities for 250-person data science ethics course interrogating the values, politics, and laws shaping sociotechnical systems.
- Taught two weekly 30 student discussion sections.

## U.S. Census Bureau

Washington, DC

### DATA SCIENCE FELLOW, CIVIC DIGITAL FELLOWSHIP

June 2019 - August 2019

- Prototyped data visualization tool that enables Census economists and statisticians to make more efficient resource allocation decisions.
- Developed geographic information system mapping to allow Census economists better evaluate survey representativeness
- Worked in cross-disciplinary team with economists, statisticians, computer scientists, and designers to bring the products described above to production.

## Cred Lab at Wellesley College

Wellesley, MA

### RESEARCH ASSISTANT

2016 - 2019

- Researched and wrote articles about misinformation, credibility, and algorithm auditing.
- Designed protocol, methods, and analysis for user studies assessing web literacy skills.

## MIT Election Data and Science Lab

Cambridge, MA

### RESEARCH ASSISTANT

2017 - 2018

- Designed and created open-source election monitoring tools for election nights.
- Trained collaborators on web scraping best practices.

## Publications

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### IN PROGRESS AND UNDER REVIEW

**Lurie, E.**, The Construction of Doxxing in Judicial Opinions. Under review to CS+Law'26.

**Lurie, E.\***, Dai, Y.\*, Metaxa, D., Friedler, S.A. Longitudinal Monitoring of LLM Content Moderation of Social Issues. Under review to CHI'26.

### REFEREED PUBLICATIONS

**Lurie, E.\***, Griffin D.S.\* 2022. Search quality complaints and imaginary repair: Control in articulations of Google Search. *New Media and Society*. *Acceptance rate: 29%*

Mulligan, D.K., **Lurie, E.**, Chi, N. 2021. Reconfiguring Diversity and Inclusion for AI Ethics. *Conference on Artificial Intelligence, Ethics, and Society (AIES) 2021*. *Acceptance rate: 37%*

**Lurie, E.**, Mustafaraj, E. 2020. "Highly Partisan" and "Blatantly Wrong": Analyzing News Publishers' Critiques of Google's Reviewed Claims. *Trust and Truth Online Conference*. *Acceptance rate: 39%*.

Mustafaraj, E., **Lurie, E.** 2020. The Case for Voter-Centered Audits of Search Engines During Political Elections. In *Proceedings of the Conference on Fairness, Accountability and Technology*. *Acceptance Rate: 23%*.

**Lurie, E.**, Mustafaraj, E. 2019. Opening Up the Black Box: Auditing Google's Top Stories Algorithm. In *Proceedings of the International Florida Artificial Intelligence Research Society Conference*, 32.

**Lurie, E.**, Mustafaraj, E. 2018. Investigating the Effects of Google's Search Engine Result Page in Evaluating the Credibility of Online News Sources. In *Proceedings of the 10th ACM Conference on Web Science*. *Acceptance Rate: 37%*.

### NONARCHIVAL PUBLICATIONS

**Lurie, E.**, Mulligan, D.K. 2021. Searching for Representation: A Sociotechnical Audit of Googling for Members of Congress. 4th FAccTRec Workshop: Responsible Recommendation.

**Lurie, E.**, Mulligan, D.K. 2021. Who needs imagination? Exploring legal professionals' lack of curiosity about e-discovery tools. *Designing Technological Systems with the Algorithmic Imaginations of Those Who Labor Workshop* at CHI'21.

- Lurie, E.**, Mulligan, D.K. 2020. Crowdfworkers Are Not Judges: Rethinking Crowdsourced Vignette Studies as a Risk Assessment Evaluation Technique. Fair and Responsible AI Workshop at CHI'20.
- Lurie, E.** Lucy L. et al. 2020. Investigating Causal Effects of Instructions in Crowdsourced Claim Matching. Computation + Journalism Symposium.
- Lurie, E.** 2019. Considering Contestability in Automated Fact-Checking Systems. Contestability Workshop at CSCW'19.
- Lurie, E.\***, Rothschild, A.\*, Mustafaraj E. 2019. How the Interplay of Google and Wikipedia Affects Perceptions of Online News Sources. Computation + Journalism Symposium.

## OTHER WRITING

- Lurie, E.** 2024. AI-Assisted Police Reports: Preliminary Musings about Draft One, Measurement, and AI Hype. Medium.
- Lurie, E.** 2024. JD/PhD Advice for Prospective Students. Medium.
- Lurie, E.** 2023. Comparing Platform Research API Requirements. Tech Policy Press.
- Lurie, E.**, Bateyko, D., Schroeder, F. 2023. TikTok just announced the data it's willing to share. What's missing? Stanford Internet Observatory Blog.
- Lurie, E.** 2019. What is "good enough" for automated fact-checking? Towards Data Science.

## Awards, Fellowships, & Grants

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- 2024 **Bradley Law Student Fellow**, Stanford Constitutional Law Center
- 2023 **Awardee**, Cognizant Technology Trust & Safety Scholarship
- 2022 **Finalist**, Meta PhD Fellowship  
**Cal Cybersecurity Research Fellowship**, Center for Long-Term Cybersecurity  
**Graduate Peer Mentor Award**, UC Berkeley
- 2021 **Honorable Mention**, NSF Graduate Research Fellowship Program  
**Outstanding Graduate Student Instructor**, UC Berkeley School of Information  
**Seed Grant**, Center For Long-Term Cybersecurity
- 2020 **Graduate Remote Instruction Fellow**, UC Berkeley  
**Fellow**, Center for Technology, Society and Policy
- 2019 **Honorable Mention**, NSF Graduate Research Fellowship Program  
**Outstanding Undergraduate Researcher (Runner-Up)**, Computing Research Association  
**Academic Excellence in Computer Science**, Wellesley College Computer Science Department
- 2018 **Conference Travel Award**, SIG WEB
- 2017 **Best Poster**, Wellesley College Summer Research Program  
**Best Poster**, OurCS Conference  
**Fellowship**, Albright Institute, Wellesley College

## Teaching Experience

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Fall 2025	<b>Data Structures</b> , Substitute Instructor	<i>Haverford</i>
Fall 2025	<b>Algorithmic Justice</b> , Substitute Instructor	<i>UPenn</i>
Fall 2021	<b>Behind the Data: Humans and Values</b> , Lead Graduate Student Instructor	<i>UC Berkeley</i>
Fall 2020	<b>Behind the Data: Humans and Values</b> , Graduate Student Instructor	<i>UC Berkeley</i>
Fall 2017	<b>Introduction to Computer Science</b> , Undergraduate Teaching Assistant	<i>Wellesley</i>
Spring 2017	<b>Introduction to Computer Science</b> , Undergraduate Teaching Assistant	<i>Wellesley</i>
Fall 2016	<b>Introduction to Computer Science</b> , Undergraduate Teaching Assistant	<i>Wellesley</i>

## Outreach & Professional Development

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2024-2025	<b>Stanford Law School</b> , Public Interest Mentor
2025	<b>UC Berkeley Data Science Discovery Program</b> , Mentor
2023-2024	<b>Stanford Law Association</b> , Academic Affairs Chair
2023-2024	<b>Stanford AI and Law Society</b> , President
2023	<b>ArchCity Defenders</b> , Pro Bono Service Trip
2023	<b>FaccT</b> , Program Committee Member
2021 - 2022	<b>UC Berkeley School of Information</b> , PhD Admissions Committee Student Representative
2021 - 2022	<b>UC Berkeley School of Information</b> , PhD Student Representative
2020 - 2022	<b>UC Berkeley Data Science Discovery Program</b> , Mentor
2021	<b>ICWSM</b> , Head Student Volunteer
2021	<b>CSCW, FaccT</b> , Student Volunteer
2021	<b>I School PhD Applicant Feedback Program</b> , Organizer
2017	<b>Wellesley CS Department</b> , Peer Mentor
2015 - 2017	<b>Robogals</b> , Volunteer, Training Manager