

# Emma Lurie

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## Education

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### **University of California, Berkeley**

Berkeley, CA

2019 - 2025

PHD IN INFORMATION SCIENCE

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

### **Stanford Law School**

Stanford, CA

2022 - 2025

JURIS DOCTORATE

- 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

2015 - 2019

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

- 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

August 2025 - Present

POSTDOCTORAL RESEARCHER

- 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

June 2024 - August 2024

SUMMER ATTORNEY INTERN

- 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

June 2023 - August 2023

SUMMER ATTORNEY INTERN

- 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

September 2022 - March 2023

GRADUATE POLICY RESEARCH ASSISTANT

- 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

May 2022 - August 2022

TECHNOLOGY AND CIVIL LIBERTIES INTERN

- 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

January 2022 - April 2022

CONTRACT RESEARCHER

- 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

2016 - 2019

**RESEARCH ASSISTANT**

- 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

2017 - 2018

**RESEARCH ASSISTANT**

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

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

## 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  |