

Emma Lurie

✉ elurie@stanford.edu | 🏠 emmalurie.github.io

Education

Stanford Law School

Stanford, CA

JD CANDIDATE

2022 - present

- Stanford AI and Law Society President; Stanford Law Association Academic Chair; Public Interest Peer Mentor; Student Lead of ArchCity Defenders Pro Bono Project

University of California, Berkeley

Berkeley, CA

PHD CANDIDATE IN INFORMATION SCIENCE

2019 - present

- Advisor: Deirdre Mulligan
- Concentrations: Information Law & Policy; Social Aspects of Information; Information Systems & Design

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

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

- Coauthor public-facing reports on platform policies and viral misinformation in the run-up to the 2022 election.
- Lead 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

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*.

UNDER REVIEW & PREPRINTS

Lurie, E. 2021. Google Says So(S): An Examination of the Entanglement of Search Engines and Information on Ballot Propositions.

OTHER WRITING

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

- 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

- Fall 2021 **Behind the Data: Humans and Values**, Lead Graduate Student Instructor
- Fall 2020 **Behind the Data: Humans and Values**, Graduate Student Instructor
- Fall 2017 **Introduction to Computer Science**, Undergraduate Teaching Assistant
- Spring 2017 **Introduction to Computer Science**, Undergraduate Teaching Assistant
- Fall 2016 **Introduction to Computer Science**, Undergraduate Teaching Assistant

Outreach & Professional Development

SERVICE AND OUTREACH

- 2023-2024 **Stanford Law Association**, Academic Affairs Chair
- 2023-2024 **Stanford AI and Law Society**, President
- 2023 **ArchCity Defenders**, Pro Bono Service Trip
- 2023 **FAccT**, Program Committee Member
- 2021 - 2022 **UC Berkeley School of Information**, PhD Admissions Committee Student Representative
- 2021 - 2022 **UC Berkeley School of Information**, PhD Student Representative
- 2020 - 2022 **UC Berkeley Data Science Discovery Program**, Mentor

2021 **ICWSM**, Head Student Volunteer
2021 **CSCW, FAcT**, Student Volunteer
2021 **I School PhD Applicant Feedback Program**, Organizer
2017 **Wellesley CS Department**, Peer Mentor
2015 - 2017 **Robogals**, Volunteer, Training Manager