Emma Lurie

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Education

Stanford Law School *Stanford, CA*
JD CANDIDATE *2022 - present*

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

Publications

REFEREED PUBLICATIONS

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.*, Griffin, D.* 2022. Search Quality Complaints and Harm in Imaginary Repair: Control in Articulations of Google Search.

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

Professional Experience

Stanford Internet Observatory *Stanford, CA*
GRADUATE POLICY RESEARCH ASSISTANT *September 2022 - present*
- Collaborate with the Election Integrity Project to detect and analyze election misinformation.

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.

Schmidt Futures *New York, NY*
RESEARCHER AT THE PLAINTEXT GROUP *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 *2019 - Present*
- 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.

Awards, Fellowships, & Grants

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

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