

Naomi C. Mine

Doctoral student researching social and epistemic values in movements
formed around internet technologies
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Education

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|-----------------|---|-------------|
| 2024 -
pres. | University of Wisconsin-Madison
Ph.D. student, School of Journalism and Mass Communications
Minor in <i>Science and Technology Studies</i> | Madison, WI |
| 2021 -
2024 | University of Wisconsin-Madison
M.S., <i>Information: Research</i> , Information School | |
| 2015 | University of Chicago
B.A. with Honors, <i>Interdisciplinary Studies in the Humanities</i>
Minor in <i>Visual Arts</i> | Chicago, IL |

Research Experience

External Evaluator, Facts Matter Research Ltd

2024 **Independent Review of Misinformation Harms Model and Assessment Tools**
for Peter Cunliffe-Jones (journalist, visiting researcher at University of
Westminster). Funded by Google News Initiative grant.

- Used both quantitative and qualitative methods appropriate to small-scale trials to evaluate misinformation harms model, digital tools, and preliminary trial use of tools by fact-checkers in international fact-checking and news organizations Africa Check, Full Fact (UK), and AFP (France)
- Produced a thorough report presenting evaluation and recommendations for future trial design and tool development

Project Assistant, UW-Madison

Madison, WI

2023 **Comparative Epistemologies of Fact-Checking**
with Prof. Lucas Graves, School of Journalism and Mass Communication

- Explored methodologies and data sources used in fact-checks published through AfricaCheck, FullFact, Politico that investigate statistical or numerical claims
- Wrote and compiled detailed observations focusing on claims about missing or untrustworthy sources of data for inclusion in Prof. Graves' upcoming book.

Project Assistant, UW-Madison

Madison, WI

Spring, **Open Science in High-Energy Physics**

2023 with Prof. Nicole Nelson, Dept. of Medical History and Bioethics

- Reviewed existing literature on organizational drivers and impacts of Open Science initiatives in international academic contexts
- Observed Spring 2023 IRIS-HEP Analysis Grand Challenge working groups at UW-Madison's Data Science Institute, facilitated by Prof. Kyle Cranmer.

Research Assistant, UW-Madison

Madison, WI

Summer, **Mapping Concepts Describing Contextual Knowledge Frameworks**

2022 with Prof. Jacob Thebault-Spieker

- Synthesized literature from science and technology studies, information studies, sociology, and human-computer interaction (HCI) to explore similarities and differences between concepts including situated knowledge, tacit knowledge, and local knowledge
- Developed review into masters' thesis, focusing on the operationalization of contingent, local, and embodied conceptions of knowledge-building and -sharing in HCI and in information studies

Project Assistant, UW-Madison

Madison, WI

2021 - **Wikipedia Editor Self-Identification and Editing Behavior**

2022 with Prof. Jacob Thebault-Spieker

- Investigated Wikipedia editors' on-platform identities constructed through the self-application of labels drawn from a robust "user category" hierarchy and explored relationships between editors' expressed identities and their editing behaviors
- Processed large data sets from Wikipedia's database query interface using SQL and R
- Performed multinomial logistic regressions on relevant categorical variables

Publications/Presentations

2023 "Generating AI Ethics: Power and Potential in Emerging Socio-technical Landscapes." Presented at the Society for the Social Studies of Science, Honolulu, Hawai'i.

2023 Jacob Thebault-Spieker, Sukrit Venkatagiri, **Naomi Mine**, Kurt Luther. Diverse Perspectives Can Mitigate Political Bias in Crowdsourced Content Moderation. *Accepted to the 2023 ACM Conference on Fairness, Accountability, and Transparency (FAccT 2023)*. <https://doi.org/10.1145/3593013.3594080>.

Teaching Experience

Teaching Assistant/Lead TA (Spring 2022), UW-Madison Madison, WI

Designed and led lesson plans for writing-intensive (“Comm B”) LIS courses developed to instruct data- and computer science undergraduate students on information theory and ethics.

2022 - 2024 “Data and Algorithms: Ethics and Policy,” taught by Professor Clinton Castro (2023 Fall, 2024 Spring), Dr. Xerxes Minocher (2023 Spring), and Mariah Knowles (2022 Fall)

2021 - 2022 “The Information Society,” taught by Prof. Jacob Thebault-Spieker (Fall, Spring)

Skills

Data analysis: Content analysis; interviews; participant observation; data cleaning; statistical analysis; data visualization

Software: MS Office Suite; Google Suite; Zotero; Dedoose; Adobe Creative Suite

Programming languages/frameworks: R/RStudio; SQL; Python; JavaScript; React; Vue.js

Other: Team collaboration; science communication; cross-disciplinary navigation

Awards and Honors

2021- **Holtz Center Fellowship for Graduate Studies**

2023 Holtz Center for Science and Technology Studies, UW-Madison
(Value: \$4,000, distributed over two years)

2023 **STS Mini-Fellowship**

Holtz Center for Science and Technology Studies, UW-Madison
(Value: \$1,000, one-time award)

2021 **Information School Competitive Applicant Award**

Information School, UW-Madison
(Value: \$5,000, one-time award)

Academic and Community Service

2022 - 2024 *Graduate Student Representative* to the Holtz Center Steering Committee,
Holtz Center for Science and Technology Studies, UW-Madison

2023 - 2024 *Leader and organizer*, Science and Technology Studies Graduate Student Group,
UW-Madison

2018 - 2020 *Co-Leader* of employee-led women’s group, Women in the Neighborhood (WIN),
Nextdoor

- 2017 - 2019 *Volunteer Instructor* for CodeNow, a small non-profit dedicated to developing web development skills in high school students from underserved communities in Chicago, the Bay Area and New York City.
- 2012 - 2014 *Volunteer Instructor and Curriculum Developer* for Winning Words, a precollege civics, history, and philosophy program for middle and high school students in underserved communities in Chicago.
Office of Civic Engagement, University of Chicago

Other Professional Experience

- Feb. - Aug. 2021 *Software Developer*, BANTR Chicago, IL
Developed database schema and user interface for adult club soccer application
- May 2018 - Oct. 2020 *Software Engineer (L1, L2)*, Nextdoor San Francisco, CA
Full-stack developer on the Trust & Safety Team; implemented two-factor authentication for over 60 million users; developed infrastructures to monitor and prevent politically-motivated account takeovers
- Aug. 2017 - April 2018 *Web Developer*, Multiple Inc. Chicago, IL
Built websites for clients in a small design consultancy setting
- Sept. 2015 - Jan. 2017 *Studio Assistant*, Karpowicz Studios Chicago, IL
Assisted public sculptor Terrence Karpowicz with grant applications, sculpture fabrication and installations, and digital archiving

Non-degree Professional Education

- 2020 *Graduate Student at Large*, University of Chicago Chicago, IL
Coursework in sociology, science and technology studies, and statistics
- 2017 *Student in Web Development Intensive*, General Assembly Chicago, IL
Immersive full-time training in web and API development