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**EDUCATION** *University of Michigan* Ann Arbor, MI  
Ph.D. in Information and Scientific Computing 2023 - 2028  
*New York University* New York, NY  
Bachelor of Arts 2016 - 2019  
Politics (major), Middle East & Islamic Studies (minor)

**RESEARCH AFFILIATIONS** *Social Media Archive* 2023 - Present  
*University of Michigan*  
*Media and Democracy Data Cooperative* 2022 - Present  
*University of Texas, Austin*  
*Center for Social Media and Politics* 2017 - Present  
*New York University*  
*Institute for Research on the Information Environment* 2023 - 2024  
*Princeton University*

‡ first or co-first authorship

- JOURNAL ARTICLES**
11. **Candidates Be Posting: Multi-Platform Strategies and Partisan Preferences in the 2022 U.S. Midterm Elections** (with Stephen Prochaska, Jason Greenfield, Jiyouk Suk, Porismita Borah, Ross Dahlke, Wei Zhong, Yunkang Yang, Josephine Lukito, Maggie Macdonald)  
Conditionally Accepted at *Social Media + Society*
  10. **Quantifying Narrative Similarity Across Languages** (with Hannah Waight, Sol Messing, Anton Shirikov, Margaret E. Roberts, Jonathan Nagler, Jason Greenfield, Kevin Aslett, Joshua A. Tucker)  
Conditionally Accepted at *Sociological Methods & Research*
  9. Macdonald, M., **Brown, M. A.**, Tucker, J. A., & Nagler, J. (2025). [To Moderate, Or Not to Moderate: Strategic Domain Sharing by Congressional Campaigns](#). *Electoral Studies*.
  8. ‡**Brown, M. A.**, Lukito, J., Pruden, M. L., & Riedl, M. J. (2024). [Making academia suck less: Supporting early career researchers studying harmful content online through a feminist ethics of care](#). *New Media & Society*, 0(0).
  7. ‡**Brown, M. A.**, Sanderson, Z., Graham, S., Kim, M., Tucker, J. A., & Messing, S. (2024). [Digital town square? Nextdoor's offline contexts and online discourse](#). *Journal of Quantitative Description: Digital Media*, 4, 1–48.
  6. Dahlke, R., Lukito, J., Greenfield, J., Yang, Y., **Brown, M. A.**, Lewis, R., & Chen, B., (2024). [Comparing Audio-As-Data Tools for Transcription and Computational Phonology](#). *Media and Communication*, 12, 1–18.
  5. Lai, A., **Brown, M. A.**, Bisbee, J., Bonneau, R., Nagler, J., & Tucker, J. A. (2024). [Estimating the Ideology of Political YouTube Videos](#). *Political Analysis*.

4. Bisbee, J., **Brown, M. A.**, Lai, A., Bonneau, R., Nagler, J., & Tucker, J. A. (2022). [Election Fraud, YouTube, and Public Perception of the Legitimacy of President Biden](#). *Journal of Online Trust and Safety*, 1(3).
3. Wu, F., Xiao, A., Zhang, J., Moniz, K., Endo, N., Armas, F., Bonneau, R., **Brown, M. A.**, Bushman, M., Chai, P. R., Duvallet, C., Erickson, T. B., Foppe, K., Ghaeli, N., Gu, X., Hanage, W. P., Huang, K. H., Lee, W. L., Matus, M., McElroy, K. A., Nagler, J., Rhode, S. F., Santillana, M., Tucker, J. A., Wuertz, S., Zhao, S., Thompson, J., & Alm, E. J. (2022). [SARS-CoV-2 RNA concentrations in wastewater foreshadow dynamics and clinical presentation of new COVID-19 cases](#). *Science of The Total Environment*, 805, 150121.
2. <sup>‡</sup>Sanderson, Z., **Brown, M. A.**, Bonneau, R., Nagler, J., & Tucker, J. A. (2021). [Twitter flagged Donald Trump’s tweets with election misinformation: They continued to spread both on and off the platform](#). *Harvard Misinformation Review*.
1. Golovchenko, Y., Buntain, C., Eady, G., **Brown, M. A.**, & Tucker, J. A. (2020). [Cross-Platform State Propaganda: Russian Trolls on Twitter and YouTube during the 2016 U.S. Presidential Election](#). *The International Journal of Press and Politics*, 25(3), 357-389.

#### REFEREED CONFERENCE PROCEEDINGS

1. Bellini, R., Lee, K., **Brown, M. A.**, Shaffer, J., Bhalerao, R., & Ristenpart, T. (2023). [The Digital-Safety Risks of Financial Technologies for Survivors of Intimate Partner Violence](#), In *32nd USENIX Security Symposium (USENIX Security 23)* (pp. 87-104).

#### REVISE & RESUBMIT

- <sup>‡</sup>[Echo Chambers, Rabbit Holes, and Algorithmic Bias: How YouTube Recommends Content to Real Users](#)  
(with James Bisbee, Angela Lai, Richard Bonneau, Jonathan Nagler, Joshua A. Tucker)  
Revise & Resubmit at *Political Communication*
- <sup>‡</sup>[Network Embedding Methods for Large Networks in Political Science](#)  
(with Zhanna Terechshenko, Rachel Connolly, Angela Lai, Charlotte Ji)  
Revise & Resubmit at *Social Science Computer Review*

#### UNDER REVIEW

- <sup>‡</sup>**Candidata: U.S. 2024 Elections Candidates and Social Media Posts**  
(with Josephine Lukito, Maggie Macdonald, Kaitlyn Dowling, Cameron Hickey, Myra Miranda)
- **Cross-platformization of right-wing news: How right-wing outlets curate their social media timelines on Twitter and Truth Social** (with Yini Zhang, Stephen Prochaska, Bin Chen, Jason Greenfield, Jiyouk Suk, Meredith Pruden, Porismita Borah, Ross Dahlke, Wei Zhong, Yunkang Yang)
- <sup>‡</sup>[Evaluating how LLM annotations represent diverse views on contentious topics](#)  
(with Shubham Atreja, Libby Hemphill, Patrick Y. Wu)
- **Linguistic and Auditory Style on The Alex Jones Show Predicts InfoWars Sales: A Multi-Modal Analysis of a Media Empire**  
(with Ross Dahlke, Rebecca Lewis, Jason Greenfield, Josephine Lukito, Bin Chen, Yunkang Yang)
- [Reaching Across the Political Aisle: Overcoming Challenges in Using Social Media for Recruiting Politically Diverse Respondents](#)  
(with Maggie Macdonald, Nejla Asimovic, Rajeshwari Majumdar, Lena Song,

Laura Huber, Sarah Graham, Abby Budiman, Joshua A. Tucker, Jonathan Nagler)

- [‡Web Scraping for Research: Ethical, Legal, Administrative, and Technical Considerations](#)  
(with Sol Messing, Zeve Sanderson, Andrew Gruen, Gabe Maldoff, and Michael Zimmer)

## WORKING PAPERS

- [‡The effects of offline partisan segregation on online behavior on Twitter](#)  
(with Tiago Ventura, Joshua A. Tucker, Jonathan Nagler)
- [‡The impact of the Twitter API closure on public-interest research](#)  
(with Josephine Lukito, Kai-Cheng Yang)
- [‡Using Language Embeddings with Synthetic Minority Oversampling Technique](#)  
(with Zhanna Terechshenko)
- [Checking the Checkers: How Ideology and Source Credibility is Related to Third-Party Fact-Checking on Facebook](#)  
(with Zhanna Terechshenko, Kevin Aslett, Cody Buntain, Zeve Sanderson, Joshua A. Tucker, Richard Bonneau, Jonathan Nagler)
- [Small Dollar Donations and Globalization: How Trade-Related Lay-offs Translate to Costly Political Action](#)  
(with Maggie Macdonald, Rachel Porter, James Bisbee, Patrick Y. Wu)
- [The Impact of Small Dollar Donations and Donors in Congressional Campaigns](#)  
(with Maggie Macdonald, Rachel Porter)

## REPORTS & WHITE PAPERS

3. [The State of Digital Media Data Research, 2024](#), April 2024 (with Josephine Lukito, Jason Greenfield, Bin Chen, Sarah Graham, Sarah Shugars, Meredith L. Pruden)
2. [Impact of Twitter API Loss for Research](#), April 2023 (with Josephine Lukito, Kai-Cheng Yang)
1. [The State of Digital Media Data Research, 2023](#), February 2023 (with Josephine Lukito, Ross Dahlke, Jiyoun Suk, Yunkang Yang, Yini Zhang, Bin Chen, Sang Jung Kim, Kaiya Soorholtz)

## OTHER PUBLICATIONS

1. Online Data and the Insurrection  
In *Media and January 6th* (2024); Edited by Khadijah Costley White, Daniel Kreiss, Shannon C. McGregor, Rebekah Tromble; Oxford, UK: Oxford University Press

## GRANTS & AWARDS

|   |      |
|---|------|
| ICWSM Best Reviewer Award   | 2024 |
| University of Michigan Rackham Travel Grant (\$1,400)               | 2024 |
| University of Michigan School of Information Travel Grant (\$2,500) | 2024 |

## PUBLIC WRITING

12. [Digital Media Research Changes Will Alter Election Studies](#), *Technology Policy Press*, June 2024 (with Josephine Lukito)
11. [What Does CrowdTangle's Demise Signal for Data Access Under the DSA?](#), *Technology Policy Press*, March 2024 (with Josephine Lukito, Kai-Cheng Yang)
10. [The Problem with TikTok's New Researcher API is Not TikTok](#), *Technology Policy Press*, March 2023
9. [Echo chambers, rabbit holes, and ideological bias: How YouTube recommends content to real users](#), *Brookings: The Economics and Regulation of Artificial Intelligence and Emerging Technologies*, October 2022 (with Jonathan Nagler, James Bisbee, Angela Lai, Joshua A. Tucker)
8. [Republicans are increasingly sharing misinformation, research finds](#), *The Washington Post*, August 2022 (with Maggie Macdonald)
7. [Gender-based online violence spikes after prominent media attacks](#), *Brookings: TechStream*, January 2022 (with Zeve Sanderson, Maria Alejandra Silva Ortega)
6. [Twitter banned Marjorie Taylor Greene. That may not hurt her much.](#), *The Washington Post*, January 2022 (with Maggie Macdonald)
5. [Trendless Fluctuation? How Twitter's Ethiopia Interventions May \(Not\) Have Worked](#), *Technology Policy Press*, January 2022 (with Tessa Knight)
4. [Twitter amplifies conservative politicians. Is it because users mock them?](#), *The Washington Post*, October 2021 (with Jonathan Nagler, Joshua A. Tucker)
3. [Twitter put warning labels on hundreds of thousands of tweets. Our research examined which worked best.](#), *The Washington Post*, December 2020 (with Zeve Sanderson, Jonathan Nagler, Richard Bonneau, Joshua A. Tucker)
2. [How Trump impacts harmful Twitter speech: A case study in three tweets](#), *Brookings: TechStream*, October 2020 (with Zeve Sanderson)
1. [Biden and Sanders are debating tonight. What got Twitter users buzzing during past Democratic debates?](#), *The Washington Post*, March 2020 (with Zhanna Terechshenko, Niklas Loynes, Tom Paskhalis, Jonathan Nagler)

## MEDIA COVERAGE

17. [How Bad Is Antisemitism Online? It's Increasingly Hard to Know.](#), November 17, 2023, *The New York Times*
16. [Exclusive: Elon Musk's X restructuring curtails disinformation research, spurs legal fears](#), November 6, 2023, *Reuters*
15. [The ship sank. Or did it? Titanic misinformation swirls](#), June 22, 2023, *AFP*
14. [The Titanic Truthers of TikTok](#), June 16, 2023, *The New York Times*
13. [Twitter's plan to charge researchers for data access puts it in EU crosshairs](#), March 22, 2023, *Politico*
12. [Democrats fear Musk may retaliate against Twitter researchers](#), November 18, 2022, *The Washington Post*

11. [Revealed: Just one in four Trump-endorsed candidates using Truth Social actively](#), November 18, 2022, *Columbia Journalism Review*
10. [Investigating YouTube’s Ideological “Rabbit Hole”](#), November 12, 2022, *The Markup*
9. [Parler seen as home for far-right – and now Kanye West](#), October 17, 2022, *AFP*
8. [YouTube pushed Trump supporters toward voter fraud videos, study finds](#), January 20, 2022, *The Washington Post*
7. [YouTube algorithm pushed election fraud claims to Trump supporters, report says](#), September 2, 2022, *The Washington Post*
6. [YouTube’s recommendations pushed election denial content to election deniers](#), September 1, 2022, *The Verge*
5. [Pro-Trump influencers flocked to alternative social networks. Their follower counts stalled soon after.](#), September 1, 2022, *NBC News*
4. [Twitter May Be Amping Conservative Accounts Because People Can’t Stop Dunking on Them](#), October 27, 2021, *Rolling Stone*
3. [YouTube CEO Susan Wojcicki built a \\$1 trillion video empire by skirting scrutiny and not acting like Facebook. But insiders say a reckoning is coming as the division soars to new heights.](#), October 21, 2021, *Business Insider*
2. [YouTube’s stronger election misinformation policies had a spillover effect on Twitter and Facebook, researchers say.](#), October 14, 2021, *The New York Times*
1. [Twitter blocked and labeled Donald Trump’s tweets on election fraud. They spread anyway.](#), August 24, 2021, *USA Today*

## INVITED TALKS

- Honors Recommendation Systems Course, “Auditing YouTube’s recommendation system for extreme content and election denial content,” University of Maryland, College Park, September 2024
- Disrupt, Ally, Resist, Embrace (DARE): Action Items for Computational Social Scientists in a Changing World Workshop, “Creating research infrastructure for computational social science,” ICWSM, June 2024
- Institute for Research on the Information Environment Workshop, “Creating baseline samples for social media research,” February 2024
- New York Anti-Violence Project Webinar, “Digital Safety for Financial Technologies and Social Media,” New York Anti-Violence Project, November 2023
- CSMaP Social Media and Politics Seminar, “Creating an Ethics of Care for Early Career Researchers,” New York University’s Center for Social Media and Politics, November 2023
- CSMaP Social Media and Politics Seminar, “The effects of offline partisan segregation on online behavior on Twitter,” New York University’s Center for Social Media and Politics, September 2023

- Summer Institute for Computational Social Sciences, “Collecting and analyzing social media data,” New York University’s Silver School for Social Work, June 2023
- CSMaP Midterm Elections Series, “How YouTube Recommends Content to Real Users,” New York University’s Center for Social Media and Politics, November 2022
- Trust & Safety Research Conference, “Election Fraud, YouTube, and Public Perception of the Legitimacy of President Biden,” Stanford University, September 2022
- Meta Computational Social Science Seminar, “How YouTube Recommends Content to Real Users,” Facebook - New York, July 2022
- Digital Data Conference, “Data Engineering for Computational Social Science,” University of Texas at Austin, April 2022
- The Capitol Coup One Year Later, “New Research Questions,” Center for Information, Technology and Public Life at University of North Carolina at Chapel Hill & Institute for Data, Democracy, and Politics at George Washington University, January 2022
- Twitter Developer Talks, “How CSMaP Uses Twitter Data for Research,” Twitter Headquarters, October 2021
- Knight Research Network Tool Demonstration Day, “Using the YouTube Data API for research,” Center for Informed Democracy & Social - Cybersecurity at Carnegie Mellon University, October 2021
- Knight Research Network Tool Demonstration Day, “Using SmaBERTa for research,” Center for Informed Democracy & Social - Cybersecurity at Carnegie Mellon University, October 2021
- South Hub: Social Cybersecurity Working Group, “How YouTube Recommends Ideological Content to Users,” South Big Data Hub, September 2021
- Academic Research on YouTube: The State of the Field and Potential Future Directions, “The Role of Ideology in YouTube Recommendations,” YouTube Headquarters, May 2021
- Politics and YouTube, “Using the YouTube API for Research,” Center for the Study of Democratic Politics at Princeton University, April 2019

**CONFERENCES 2025:** CSMaP Annual Conference, ICA, Congress in History Conference, CBS Money in Politics

**2024:** MPSA, CSMaP Annual Conference, Visions in Methodology Conference, ICWSM, ICA, CBS Money in Politics, Post-API Conference, IC2S2, APSA, WiLS Conference, ADSA, IPES, NCA

**2023:** MPSA, CSMaP Annual Conference, ICA, PolMeth, PaCSS, APSA, AOIR, Post-API Conference

**2022:** AAPOR, CSMaP Annual Conference, APSA

**2021:** CSMaP Annual Conference, APSA

**PROFESSIONAL SERVICE** Reviewer: *ACM Conference On Computer-Supported Cooperative Work And Social Computing; Association of Internet Researchers; International Communication Association; International Conference on Computational Social Science; International Conference for Web and Social Media; International Journal of Press and Politics; Journal of Quantitative Description: Digital Media; New Media & Society; PLOS: One; Political Analysis*

Service: NYU Research Technology AI Benchmarking; Coalition for Independent Technology Research Mutual Aid Team; Executive Board of Media and Democracy Data Cooperative

**ADDITIONAL EXPERIENCE** *Data Engineer (consultant)* 2022 - Present  
Community Tech Alliance

- Create and maintain Extract-Transform-Load (ETL) pipelines for Get Out The Vote text campaigns

*Case Lead (volunteer)* 2021 - Present  
Cornell Clinic to End Tech Abuse, Cornell University

- Work with clients to secure their technology from abusers, guiding them through walk-throughs of the security settings of their devices and online accounts
- Conduct research on platform abuse in the context of Intimate Partner Violence

*Research Engineer/Research Scientist* 2019 - 2023  
Research Engineer/Research Scientist (2019 - 2022)  
Sr. Research Engineer/Research Scientist (2022 - 2023)  
Center for Social Media and Politics, New York University

- Work with multidisciplinary teams of students, postdoctoral researchers, professors, and other researchers to develop methods for the collection and analysis of social media data for social science research

*Research Associate* 2017 - 2019  
Center for Social Media and Politics, New York University

- Assisted in research on the intersection of social media and politics, developed data collection and analysis pipelines, conducted literature reviews