

STEFAN D. MCCABE

employment

The George Washington University

Postdoctoral Associate, Institute for Data, Democracy & Politics
Advisors: Matthew Hindman, Andrew Ifedapo Thompson

12/2022–

Microsoft Research NYC

Research Intern
Advisor: David Rothschild

05/2020–09/2020

education

Northeastern University, PhD in Network Science, 2022

Dissertation: “Essays on the Measurement of Online Behavior”
Committee: David Lazer (chair), Nick Beauchamp, Katherine Haenschen, Kevin Esterling

George Mason University, MA in Computational Social Science, 2016

Thesis: “Communicating Sequential Agents: An Analysis of Concurrent Agent Scheduling”
Committee: Robert Axtell (chair), Andrew Crooks, Kenneth Comer

George Mason University, BA in Government & International Politics, 2013

publications

(† indicates joint first authorship)

2023

McCabe, Stefan, Jon Green, Pranav Goel and David Lazer. 2023. “Inequalities in Online Representation: Who Follows their Own Member of Congress on Twitter?” *Journal of Quantitative Description: Digital Media* 3. doi:[10.51685/jqd.2023.021](https://doi.org/10.51685/jqd.2023.021)

Klein, Brennan,† Timothy LaRock,† **Stefan McCabe**,† Leo Torres,† Lisa Friedland, Maciej Kos, Filippo Privitera, Brennan Lake, Moritz U. G. Kraemer, John S. Brownstein, Richard Gonzalez, David Lazer, Tina Eliassi-Rad, Samuel V. Scarpino, Alessandro Vespignani, and Matteo Chinazzi. Accepted, *PLOS Digital Health*. “Characterizing Collective Physical Distancing in the U.S. During the First Nine Months of the COVID-19 Pandemic.” <https://covid19.gleamproject.org/mobility> arXiv:[2212.08873](https://arxiv.org/abs/2212.08873)

Thompson, Andrew Ifedapo, Maxwell Beveridge, Noah Axford, Molly Ahern, Fryda Cortes, Jax Martinez Franks, and **Stefan McCabe**. Accepted, *Perspectives on Politics*. “Anti-Black Political Violence and the Historical Legacy of the Great Replacement Conspiracy.” <https://osf.io/preprints/osf/mzhga>

Gitomer, Adina, Sarah Shugars, Ryan J. Gallagher, **Stefan McCabe**, and Brooke Foucault Welles. 2023. “The Speech We Miss: How Keyword-Based Data Collection Obscures Participation in Online Election Discourse.” *Computational Communication Research* 5 (1). doi:[10.5117/CCR2023.1.11.GITO](https://doi.org/10.5117/CCR2023.1.11.GITO)

2022

Green, Jon, William Hobbs, **Stefan McCabe**, and David Lazer. 2022. "Online Engagement with 2020 Election Misinformation and Turnout in the 2021 Georgia Runoff Election." *Proceedings of the National Academy of Sciences* 119 (34): e2115900119. doi:[10.1073/pnas.2115900119](https://doi.org/10.1073/pnas.2115900119).

Klein, Brennan, Nicholas Generous, Matteo Chinazzi, Zarana Bhadracha, Rishab Gunashekar, Preeti Kori, Bodian Li, **Stefan McCabe**, Jon Green, David Lazer, Christopher R. Marsicano, Samuel V. Scarpino, and Alessandro Vespignani. 2022. *PLOS Digital Health*. "Higher education responses to COVID-19 in the United States: Evidence for the impacts of university policy." doi:[10.1371/journal.pdig.0000065](https://doi.org/10.1371/journal.pdig.0000065).

2021

Hughes, Adam G.,[†] **Stefan D. McCabe**,[†] William R. Hobbs, Emma Remy, Sono Shah, and David M. J. Lazer. 2021. "Using Administrative Records and Survey Data to Construct Samples of Tweeters and Tweets." *Public Opinion Quarterly* 85 (S1): 323–346. doi:[10.1093/poq/nfab020](https://doi.org/10.1093/poq/nfab020)

McCabe, Stefan, Leo Torres, Timothy LaRock, Syed Arefinul Haque, Chia-Hung Yang, Harrison Hartle, and Brennan Klein. 2021. "netrd: A Library for Network Reconstruction and Graph Distances." *Journal of Open Source Software* 6 (62): 2990. doi:[10.21105/joss.02990](https://doi.org/10.21105/joss.02990) arXiv:[2010.16019](https://arxiv.org/abs/2010.16019)

Shugars, Sarah, Adina Gitomer, **Stefan D. McCabe**, Ryan J. Gallagher, Kenneth Joseph, Nir Grinberg, Larissa Doroshenko, Brooke Foucult Welles, and David Lazer. 2021. "Pandemics, Protests, and Publics: Demographic Activity and Engagement on Twitter in 2020." *Journal of Quantitative Description: Digital Media* 1. doi:[10.51685/jqd.2021.002](https://doi.org/10.51685/jqd.2021.002)

2020

Hartle, Harrison, Brennan Klein, **Stefan McCabe**, Alexander Daniels, Guillaume St-Onge, Charles Murphy, and Laurent Hébert-Dufresne. 2020. "Network Comparison and the Within-Ensemble Graph Distance." *Proceedings of the Royal Society A* 476 (2243): 20190744. doi:[10.1098/rspa.2019.0744](https://doi.org/10.1098/rspa.2019.0744). arXiv:[2008.02415](https://arxiv.org/abs/2008.02415)

working papers

Green, Jon,[†] **Stefan McCabe**,[†] Sarah Shugars, Hanyu Chwe, Luke Horgan, Shuyang Cao and David Lazer. Revise & resubmit, *American Political Science Review*. "Curation Bubbles." <https://osf.io/udfaz/>

Yang, Yunkang, **Stefan McCabe**, and Matthew Hindman. Under review. "Does Russian Propaganda Lead or Follow? Topic Coverage, User Engagement, and RT and Sputnik's Agenda Influence on US Media."

Stefan D. McCabe,[†] Diogo Ferrari,[†] Jon Green, David M. J. Lazer, and Kevin M. Esterling. Under review. "Deplatforming Extremists on Twitter Following the January 6 Insurrection."

McCabe, Stefan, and Matthew Hindman. In preparation. "Reconstructing Public Activity on Digital Platforms." <https://osf.io/46pb5/>

Thompson, Andrew Ifedapo, **Stefan McCabe**, and Babak Bahador. Under review. "The Long Shadow of the Civil War: The Recurrent Historical Centrality of Anti-Black Political Threat in Eroding Public Support for American Democracy." <https://osf.io/fp35j/>

Busby, Ethan, Andrew Ifedapo Thompson, and **Stefan McCabe**. Under review. “Party-Ideology Sorting in the United States: Correlates and Consequences.”

Thompson, Andrew Ifedapo, and **Stefan McCabe**. In preparation. “Racial Innumeracy: Reorienting the Interpretation of Racial Demographic Change in the Mass Public”

Thompson, Andrew Ifedapo, Malia Bowers, and **Stefan McCabe**. In preparation. “White Supremacy, Democrats, and Anti-Abortion Support.” <https://osf.io/3y4q9/>

Thompson, Andrew Ifedapo, **Stefan McCabe**, Avery Shields, Maxwell Beveridge, Blake Franklin, Deepthi Sathyanarayana, Yuchen Zhao, Owen Hagstrom. Under review. “White Fight: How Local Racial Demographic Changes Drive Extreme, Violent, White Nationalist Attitudes Across the Mass Public.”

invited talks 2022

“Using Administrative Records and Survey Data to Construct Samples of Tweeters and Tweets,” oral presentation, DC-AAPOR Webinar. (with Adam G. Hughes, William R. Hobbs, Emma Remy, Sono Shah, David Lazer)

conference talks 2023

“Reconstructing Public Activity on Digital Platforms,” oral presentation, Post-API Conference, Philadelphia, PA. (with Matthew Hindman)

2022

“Deplatforming Right-Wing Extremists on Twitter Following the January 6 Insurrection,” oral presentation, Annual Meeting of the American Political Science Association, online conference. (with Kevin Esterling, Diogo Ferrari, Jon Green, David Lazer)

“New Tweetscores, or, Did Donald Trump Break Tweetscores?,” oral presentation, Political Networks Conference, online conference. (with Jon Green, Allison Wan, David Lazer)

“Despair or Defiance? Assessing the Turnout Effects of Election Misinformation,” oral presentation, Politics and Computational Social Science Conference, Cambridge, MA. (with Jon Green, Will Hobbs, David Lazer)

“New Tweetscores, or, Did Donald Trump Break Tweetscores?,” oral presentation, Annual Meeting of the Midwestern Political Science Association, Chicago, IL. (with Jon Green, Allison Wan, David Lazer)

2021

“Despair or Defiance? Assessing the Turnout Effects of Election Misinformation,” oral presentation, Annual Meeting of the American Political Science Association, online conference. (with Jon Green, Will Hobbs, David Lazer)

“Curation Bubbles,” oral presentation, Politics and Computational Social Science, online conference. (with Jon Green, Sarah Shugars, John Harrington, Hanyu Chwe, Shuyang Cao, David Lazer)

“How Representative are the (Online) Represented?,” oral presentation, Networks 2021, online conference. (with Jon Green, Pranav Goel, David Lazer)

“How Representative are the (Online) Represented?,” oral presentation, Political Networks Conference, online conference. (with Jon Green, Pranav Goel, David Lazer)

“Curation Bubbles,” oral presentation, Annual Meeting of the Midwestern Political Science Association, online conference. (with Jon Green, Sarah Shugars, John Harrington, David Lazer)

2020

“Twitter is Real Life (for Journalists),” oral presentation, Politics and Computational Social Science, online conference. (with David Rothschild)

“A Vocal Minority: Assessing the Representativeness of Tweepers and Tweets,” oral presentation, International Conference on Computational Social Science, online conference. (with Adam G. Hughes, William R. Hobbs, Emma Remy, Sono Shah, David Lazer)

2019

“Time Scales of Social Influence,” oral presentation, Annual Meeting of the Midwestern Political Science Association, Chicago, IL. (with David Lazer, William Minozzi, Michael Neblo, Brian Rubineau)

“Time Scales of Social Influence,” oral presentation, Political Networks Conference, Durham, NC. (with David Lazer, William Minozzi, Michael Neblo, Brian Rubineau)

“Local Edge Perturbations as a Measure for Community Persistence in Complex Networks,” poster, NetSci, Burlington, VT. (with Brennan Klein)

“Time Scales of Social Influence,” oral presentation, Sunbelt Conference, Montréal. (with David Lazer, William Minozzi, Michael Neblo, Brian Rubineau)

“Time Scales of Social Influence,” oral presentation, Annual Meeting of the American Political Science Association, Washington DC. (with David Lazer, William Minozzi, Michael Neblo, Brian Rubineau)

courses taught

2020

“Complex Networks and Applications.” Fall 2020. (Graduate course, co-instructor)

2019

“Programming with Data: Social Science Practicum.” Fall 2019. (Undergraduate course, instructor)

service

Reviewer for *Proceedings of the National Academy of Sciences*, *Connections*, *Journal of Online Trust and Safety*, *Journal of Quantitative Description: Digital Media*, *Online Social Networks and Media*.

Program Committee, Politics and Computational Social Science conference, 2018–2019, 2022.

Treasurer, Network Science Institute Graduate Student Association, 2019–2021.

Student Representative, Network Science Institute Graduate Admission Council, 2019.

Co-organizer, Society of Young Network Scientists pre-conference event, NetSci, Burlington, VT, 2019.