

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

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. Conditionally accepted, *PLOS Digital Health*. “Reshaping a Nation: Mobility, Commuting, and Contact Patterns During the COVID-19 Outbreak.”
<https://covid19.gleamproject.org/mobility>

Gitomer, Adina, Sarah Shugars, Ryan J. Gallagher, **Stefan McCabe**, and Brooke Foucault Welles. Conditionally accepted, *Computational Communication Research*. “The Speech We Miss: How Keyword Based Data Collection Obscures Participation in Online Election Discourse.”

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 Foucalt 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. Under review. “Curation Bubbles.” <https://osf.io/udfaz/>

McCabe, Stefan, and Matthew Hindman. In preparation. “Reconstructing Public Activity on Digital Platforms.”

Yang, Yunkang, **Stefan McCabe**, and Matthew Hindman. In preparation. “Russian Propaganda on Facebook: Topic Coverage and User Engagement with RT and Sputnik Over Six Years.”

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**. Under review. “Racial Innumeracy: Reorienting the Interpretation of Racial Demographic Change in the Mass Public”

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

Thompson, Andrew Ifedapo, and **Stefan McCabe**. In preparation. “Black Entry, White Flight: Democratic Erosion and Causal Determinants of Insurrectionist Sentiment.”

McCabe, Stefan, Jon Green, Pranav Goel and David Lazer. Under review. “How Representative is Online Representation? A Descriptive Analysis of Who Follows Their Own Member of Congress on Twitter.”

Esterling, Kevin M.,[†] **Stefan D. McCabe**,[†] Diogo Ferrari, Jon Green and David M. J. Lazer. In preparation. “Deplatforming Right-Wing Extremists on Twitter Following the January 6 Insurrection.”

invited talks 2022

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

conference talks 2022

“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 *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.