

## STEFAN D. MCCABE

**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*

**employment** Research Intern, Microsoft Research NYC. Advisor: David Rothschild (Summer 2020)

**publications** († indicates joint first authorship)

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

- Thompson, Andrew Ifedapo, **Stefan McCabe**, and Babak Bahador. Submitted. “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.”
- Gitomer, Adina, Sarah Shugars, Ryan J. Gallagher, **Stefan McCabe**, and Brooke Foucault Welles. Under review. “The Speech We Miss: How Keyword Based Data Collection Obscures Participation in Online Election Discourse.”
- Esterling, Kevin M.,<sup>†</sup> **Stefan D. McCabe**,<sup>†</sup> Diogo Ferrari, Jon Green and David M. J. Lazer. In preparation. “Deplatforming Right-Wing Extremists on Twitter Following the January 6 Insurrection.”
- McCabe, Stefan**, Jon Green, Allison Wan, and David Lazer. In preparation. “New Tweetscores.”
- McCabe, Stefan**, Jon Green, Pranav Goel and David Lazer. In preparation. “How Representative is Online Representation? A Descriptive Analysis of Who Follows Their Own Member of Congress on Twitter.”
- Green, Jon,<sup>†</sup> **Stefan McCabe**,<sup>†</sup> Sarah Shugars, Hanyu Chwe, Luke Horgan, Shuyang Cao and David Lazer. In preparation. “Curation Bubbles.” <https://osf.io/udfaz/>
- Klein, Brennan,<sup>†</sup> Timothy LaRock,<sup>†</sup> **Stefan McCabe**,<sup>†</sup> Leo Torres,<sup>†</sup> 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. In preparation. “Reshaping a Nation: Mobility, Commuting, and Contact Patterns During the COVID-19 Outbreak.” <https://covid19.gleamproject.org/mobility>

#### 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*.  
 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.