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Stefan D. McCabe

education
Northeastern University, PhD Candidate in Network Science, 2016–

Dissertation (in progress): "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)

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

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 arXiv: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

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. arXiv:2008.02415

working papers
Hobbs, William R., Jon Green, **Stefan McCabe**, and David Lazer. In preparation. "Despair or Defiance? Assessing Turnout Effects of Election Misinformation." https://osf.io/f34ac/

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."

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,[†] **Stefan McCabe**,[†] John Harrington, Sarah Shugars, Hanyu Chwe, Luke Horgan, Shuyang Cao and David Lazer. In preparation. "Curation Bubbles: Domain Versus URL Level Analysis of Partisan News Sharing on Social Media." https://osf.io/udfaz/

Klein, Brennan,[†] Timothy LaRock,[†] **Stefan McCabe**,[†] Leo Torres,[†] Lisa Friedland, Filippo Privitera, Brennan Lake, Moritz U. G. Kraemer, John S. Brownstein, 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

Klein, Brennan, Harrison Hartle, Leo Torres, **Stefan D. McCabe**, Chia-Hung Yang, Timothy LaRock, David Saffo, et al. In preparation. "Comparing Methods for Reconstructing Networks from Time Series Data by Comparing Methods for Measuring Network Similarity."

conference talks

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 Tweeters 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 Assocation, 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 Peristence 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 Assocation, 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*.
Program Committee, Politics and Computational Social Science conference, 2018–2019.
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.