Sarah Shugars

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ACADEMIC APPOINTMENTS

Rutgers University
Assistant Professor, Department of Communication
School of Communication and Information
September 2022 - Present

New York University
Assistant Professor/Faculty Fellow, Center for Data Science
September 2020 - August 2022

George Washington University
Research Fellow, School of Media & Public Affairs
Twitter Healthy Conversations Project
January 2021 - August 2022

EDUCATION

Northeastern University
Ph.D., Network Science, Political Science Track. May 2020.

Dissertation: *Reasoning Together: Network Methods for Political Talk and Normative Reasoning.*
**Honorable Mention: Thomas E. Patterson Best Dissertation Award
in Political Communication**

Emerson College
M.A., Integrated Marketing Communication, 2009.

Clark University
B.A., Physics, *cum laude.* 2004.
Concentration in Asian Studies.

PEER-REVIEWED PUBLICATIONS

Shugars S. (2022) Core Skills of Computational Social Science: Data Justice, Intellectual Humility, and Algorithmic Thinking. *SAGE Research Methods: Doing Research Online.*
https://dx.doi.org/10.4135/9781529611274

Shugars S., Gitomer A., McCabe S., Gallagher R. J., Joseph K., Grinberg N., Doroshenko L., Foucault Welles B., Lazer D. (2021). Pandemics, Protests, and Publics: Demographic Activity and Engagement on Twitter in 2020. *Journal of Quantitative Description: Digital Media, 1.*

Gallagher R.J., Doroshenko L., **Shugars, S.**, Lazer D., Foucault Welles B. (2021) Sustained Amplification of COVID-19 Elites in the United States. *Social Media + Society, Volume 7 (2)*.

Joseph K., **Shugars S.**, Gallagher R. J., Green J., Quintana Mathé A., An Z., Lazer D. (2021) (Mis)alignment Between Stance Expressed in Social Media Data and Public Opinion Surveys. *Empirical Methods in Natural Language Processing (EMNLP)*.

Kim S., Lebovits H., **Shugars S.** (2021). Building a Bigger Table: Networking 101 for Graduate Students. *PS: Political Science & Politics*.

Shugars S. (2020). Good Decisions or Bad Outcomes? A Model for Group Deliberation on Value-Laden Topics. *Communication Methods and Measures*.

Shugars S., & Beauchamp N. (2019). Why Keep Arguing? Predicting Engagement in Political Conversations Online. *SAGE Open, Volume 9(1)*.

Zeng X., Li J., Wang L., Beauchamp N., **Shugars S.**, & Wong K. (2018). Microblog Conversation Recommendation via Joint Modeling of Topics and Discourse. *Proceedings of North American Chapter of Association for Computational Linguistics (NAACL), Vol 1*, 375-385.

Miller J.A., **Shugars S.**, & Levine D. (2018). Games for Civic Renewal. *The Good Society, Volume 26(1)*, 135-192.

Wang L., Beauchamp N., **Shugars S.**, & Qin K. (2017). Winning on the Merits: The Joint Effects of Content and Style on Debate Outcomes. *Transactions of the Association for Computational Linguistics (TACL), Volume 5*, 219-232.

EDITED CHAPTERS

Shugars S. (*Forthcoming*). A Matter of Perspective: Computational Social Science and Researcher Choice. *Oxford Handbook of Methodological Pluralism*.

Shugars S. and González-Bailón S (*Forthcoming*). Semantic and Cultural Networks. *The Sage Handbook of Social Network Analysis (Second Edition)*. Edited by John McLevey, Peter J. Carrington, and John Scott.

Cantwell D., Kirkland S, Lebovits L., Osorio M., Rojas N., Rubio R., **Shugars S.**, Torres R., and Winter R. (*Forthcoming*). No Rapunzel in This Ivory Tower: Finding Your Collective and Overcoming Academic Isolation in Political Science. *APSA Handbook: Strategies for Navigating Graduate School and Beyond*.

de la Garza Y.B., Egan P., **Shugars S.** (*Forthcoming*). Why You're Doing This: Sustaining Joy and Inspiration in the Scholarly Vocation. *APSA Handbook: Strategies for Navigating Graduate School and Beyond*.

Benson T., Gentry B., **Shugars S.** (*Forthcoming*). Feeling Like a Fraud: Imposter Syndrome in Political Science. *APSA Handbook: Strategies for Navigating Graduate School and Beyond*.

ADDITIONAL PUBLICATIONS

Shugars S. (2022). Starting with computational social science [Video]. *SAGE Research Methods.* https://dx.doi.org/10.4135/9781529605501

Shugars S. & Scarpino S. V. (2021) One outstanding path from A to B. *Nature Physics 17 (4)*, 540-540.

Lazer D., Ruck D.J., Quintana A., **Shugars S.**, Joseph K., Grinberg N., Gallagher R.J., Horgan L., Gitomer A. Bajak A., Baum M., Ognyanova K., Qu H., Hobbs W., McCabe S., Green J. (2021) The COVID States Project #18: Fake News on Twitter. *The Covid States Project.*

Shugars S. (2020). A Review of Daniel T. O'Brien, "The Urban Commons: How Data and Technology Can Rebuild Our Communities." *The Good Society, Vol. 28 (1-2)*, 64-69.

Levine P., Dube L., and **Shugars S.** (2018). Civic Education System Map. *CivXNow Coalition*, in collaboration with the Tisch College of Civic Life.

Under Review and Working Papers

"How the resilience of experts to numeric and linguistic peer information improves collective intelligence" (with Nick Beauchamp, Briony Swire-Thompson, and David Lazer). *Revise and Resubmit.*

"Curation Bubbles: Domain Versus URL Level Analyses of News Sharing on Social Media" (with Jon Green, Stefan McCabe, and David Lazer)

"The speech we miss: How keyword-based data collection obscures youth participation in online political discourse" (with Adina Gitomer, Ryan J. Gallagher, Stefan McCabe, David Lazer, and Brooke Foucault Welles)

"The Structure of Reasoning: Measuring Justification of Preferences in Text"
Recipient of the John Sprague Award: Best Paper in Political Networks

"Personality, Ideology, and the Structure of Conceptual Networks" (with Nick Beauchamp and Peter Levine)

Teaching

COMM 432: Communication, Technology, and Society
Rutgers University. Fall 2022.

DS 111: Data Science for Everyone
New York University. Spring 2021, Spring 2022, Summer 2022.

DS 2001: Programming with Data for Social Sciences
Northeastern University. Spring 2019.

Methods at the Intersection of Network and Text Analysis
Workshop offered for the Political Networks Conference. 2021, 2022.

PHIL 0020: Introduction to Civic Studies
Tufts University. Spring 2014. Co-Instructor.

Invited Talks

'Working with Interdisciplinary Teams" (*Panelist*)
ICERM Workshop on Network Analysis for Social Systems.
Brown University. June 2022.

"Data Ethics" (*Panelist*)
Data Science Symposium.
University of Delaware. November 2021.

"Getting Started with Computational Social Science"
Spark Talk.
McMaster University. November 2021.

"Engagement Dynamics in Online Political Conversations"
Social Personality Series.
Michigan State University. October 2021.

"Engagement Dynamics in Online Political Conversations"
Cognitive Science Seminar.
University of Memphis. October 2021.

"Assessing Modeling Choices for Political Conversation"
Social Science Data Lab Seminar Series.
University of Mannheim. September 2021.

"The Dynamics of Group Deliberation on Value-Laden Topics"
SIAM Minisymposium on Opinion Dynamics in Complex Social Systems.
Virtual. May 2021.

"Pandemics, Protests, and Publics: Demographic Activity and Engagement on Twitter in 2020"
CoCo Seminar Series.
Virtual / Binghamton University, April 2021.

"The Construction of Expertise: Voice and Inequality in the Spread of COVID-19 Information and Misinformation"
Center for Data Science Seminar Series.
Virtual / New York University. October 2020.

"Why Keep Arguing? Predicting Engagement in Political Conversations Online"
Connected_Politics Lab Seminar Series.
Virtual / University College Dublin. April 2020.

"The Structure of Reasoning: Measuring Justification and Preferences in Text"
Women in Network Science (WiNS) Seminar Series
Virtual. April 2020.

"Inferring Conceptual Networks from Free Response Text."
New Faces in Political Methodology.
Penn State. State College, PA. April 2019.

"Confidence and Collaboration: Gender and Working Together in the Public Sphere"
Gendered Creative Teams Conference.
Central European University. Budapest, Hungary. May 2017.

CONFERENCE PRESENTATIONS

International Communications Association (ICA) Annual Meeting (2021, 2022)

American Political Science Association (APSA) Annual Meeting (2018, 2019, 2020, 2021, 2022)

Politics and Computational Social Science (PaCSS) Conference (2018, 2019, 2020, 2021, 2022)

Political Networks (PolNet) Conference (2017, 2018, 2019, 2020, 2021, 2022)

Society for Political Methodology Annual Meeting (2018, 2019, 2021)

Midwest Political Science Association (MPSA) Annual Meeting (2017, 2019, 2021)

New Directions in Analyzing Text as Data (2017, 2018, 2019)

International Network for Social Network Analysis (Sunbelt) Conference (2019, 2020, 2021)

North American Social Networks Conference (2017, 2018)

Visions in Methodology (2019)

NetSci Conference (2019, 2021)

Awards, Honors, and Fellowships

Honorable Mention: Thomas E. Patterson Best Dissertation Award, APSA Political Communication Section

$70,500 from the Center on Data Science and Social Equity Grant for "Harnessing Natural Language Processing to Measure Person-Centered Care in Behavioral Health Settings". With Victoria Stanhope. August 2021.

$5,500 NetSeed Research Grant for "Mapping Ideological Belief Systems." With Jon Green. May 2021.

John Sprague Award. Given annually for the Best Paper in Political Networks presented by a graduate student. July 2020.

First Place, Net-COVID Best Project Award. For "COVID-19 Misinformation on Twitter." Work with Amy Knopf, Sam Rosenblatt, Ravi Sharma, Jihye Song, and Arjumand Younus. June 2020.

Northeastern Outstanding Graduate Student Award in Leadership. Given annually to a single graduate student from across the university. April 2018.

MPSA Women's Caucus for Political Science, Graduate Student Travel Award. April 2019.

National Science Foundation Travel Grant. 2017, 2018, 2019.

NULab Travel Grant, NULab for Texts, Maps, and Networks, Northeastern University. 2017, 2018, 2019.

NetSI Travel Grant, Network Science Institute, Northeastern University. 2017, 2019.

SYNS Travel Grant, Society of Young Network Scientists. 2017.

HASTAC Scholar, 2017-2019.

NULab for Text, Maps, and Networks Fellow, 2016-2017.

Invited Participant, 1 Year Until 2020: US Election Research Workshop. Facebook, Menlo Park, CA. 2019.

Invited Participant, Complex Networks Winter Workshop (CNWW). Québec City, QC. 2018.

Invited Participant, Summer Institute for Computational Social Science (SICSS). CU Boulder Satellite. Boulder, CO. 2018.

Invited Participant, Summer Institute of Civic Studies. Tisch College of Civic Life at Tufts University, Medford, MA. 2013.

SERVICE

Service to the Discipline

Reviewer: American Journal of Political Science, American Political Science Review, American Sociological Review, EPJ Data Science, Journal of Politics, Political Analysis, National Science Foundation, PNAS, American Politics Review, Journal of Deliberative Democracy, International Journal of Press/Politics.

Core organizer & Co-Chair, Conference on Politics and Computational Social Science (PaCSS). 2018, 2019, 2020, 2021, 2022.
Chair, John Sprague Best Paper Award selection committee. 2021.
Program Committee Member, Political Networks Conference (PolNet). 2021.
Committee Member, John Sprague Best Paper Award selection committee. 2021.
Editorial Board Member, Journal of Quantitative Description. 2020-present.
Panelist, Diversify NetSci Satellite, NetSci Conference. 2019.
Co-Organizer, Society for Young Network Scientists. 2017-2018.
Program Committee Member, International Conference of Computational Social Science, 2018.
Senior Editor, *The Good Society: A Journal of Civic Studies*, 2015-Present.
Women in Network Science co-coordinator, 2018.
Text as Data student organizer, 2016.

Service to New York University
Co-coordinator, CDS Seminar Series, 2021-2022.
Coordinator, CDS Fellows Seminar, 2021.
Faculty Mentor, CDS Undergraduate Research Program, 2021.

PROFESSIONAL DEVELOPMENT

Future Faculty Program, 2017-2019.
Northeastern's Center for Advancing Teaching and Learning Through Research. Boston, MA. Attended workshops in: Fostering an Inclusive Learning Environment, Designing Authentic Assignments, Active Learning in STEM Courses, Discussions that Work: Engaging Structures and Practical Facilitation Moves, Creating a Space for Difficult Topics in the Classroom.

WORK EXPERIENCE

Jonathan M. Tisch College of Civic Life, Tufts University
Communications Manager/Communications Specialist, 2008-2015

Anti-Defamation League, New England Region
Communications Assistant, 2005-2008