

Matthew Tyler

Assistant Professor of Political Science • Rice University

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ACADEMIC APPOINTMENTS

Rice University 2023–present
Assistant Professor, Department of Political Science
Member, Ken Kennedy Institute (2024–present)

Stanford University 2021–2023
Postdoctoral Scholar
American National Election Studies (ANES); Democracy and Polarization Lab

EDUCATION

Stanford University 2021
Ph.D., Political Science

Duke University 2015
B.S., Statistical Science; B.A., Mathematics

PUBLICATIONS

Refereed Journal Articles

9. **Tyler, Matthew**, Shanto Iyengar, Arjun Wilkins, et al. “Campaigns Reinforce Partisanship and Short-Term Forces: Evidence from a Large-Scale Panel Study of the 2020 US Presidential Campaign.” *Political Science Research and Methods*. Conditionally accepted (pending replication).
8. **Tyler, Matthew**, D. Sunshine Hillygus, Matthew DeBell, Ted Brader, Shanto Iyengar, Daron Shaw, and Nicholas Valentino. “Why Are Surveys Struggling to Estimate Vote Shares?” *American Journal of Political Science* (Early View). [DOI]
7. Grimmer, Justin, Michael C. Herron, and **Matthew Tyler**. 2024. “Evaluating a New Generation of Expansive Claims about Vote Manipulation.” *Election Law Journal* 23(3): 211–236. [DOI].
6. **Tyler, Matthew**, and Shanto Iyengar. 2024. “Testing the Robustness of the ANES Feeling Thermometer Indicators of Affective Polarization.” *American Political Science Review* 118(3): 1570–1576. [DOI].
5. **Tyler, Matthew**, and Shanto Iyengar. 2023. “Learning to Dislike Your Opponents: Political Socialization in the Era of Polarization.” *American Political Science Review* 117(1): 347–354. [DOI].
4. Westwood, Sean J., Justin Grimmer, **Matthew Tyler**, and Clayton Nall. 2022. “Current Research Overstates American Support for Political Violence.” *Proceedings of the National Academy of Sciences* 119(12): e2116870119. [DOI].
3. **Tyler, Matthew**, Justin Grimmer, and Shanto Iyengar. 2022. “Partisan Enclaves and Information Bazaars: Mapping Selective Exposure to Online News.” *The Journal of Politics* 84(2): 1057–1073. [DOI].
2. Marble, William, and **Matthew Tyler**. 2022. “The Structure of Political Choices: Distinguishing Between Constraint and Multidimensionality.” *Political Analysis* 30(3): 328–345. [DOI].

1. Fong, Christian, and **Matthew Tyler**. 2021. "Machine Learning Predictions as Regression Covariates." *Political Analysis* 29(4): 467–484. [DOI].

Invited Articles

1. Westwood, Sean J., Justin Grimmer, **Matthew Tyler**, and Clayton Nall. 2022. "Reply to Kalmoe and Mason: The Pitfalls of Using Surveys to Measure Low-Prevalence Attitudes and Behavior." *Proceedings of the National Academy of Sciences* 119(32): e2207584119. [DOI].

Working Papers and Manuscripts

Tyler, Matthew, Justin Grimmer, and Sean Westwood. "A Statistical Framework to Engage the Problem of Disengaged Survey Respondents: Measuring Public Support for Partisan Violence." Working paper, July 13, 2024. [SSRN].

Erik Peterson, **Matthew Tyler**, and Agustin Prinetti. "Designing for Power: Covariates, Indices, and Efficiency in Survey Experiments." Working paper, January 14, 2026. [SSRN].

Tyler, Matthew. "Bounding Causal Effects in Survey Experiments with Noncompliance or Inattention." Working paper. [PDF].

GRANTS

National Science Foundation — CAREER Award 2025–2030 (est.)
"Statistical Solutions for Survey Measurement Errors"
Principal Investigator • Award #2442402 • \$400,000

TEACHING

Graduate Courses — Rice University

Introduction to Statistics	Fall 2023, 2024
Machine Learning for Social Science	Spring 2025
Partisan Polarization	Fall 2025
Survey Research	Spring 2026

Undergraduate Courses — Rice University

Applied Research Methods	Fall 2023
Polarization in the US	Fall 2025

STaRT@Rice Workshops — School of Social Sciences

Missing Data	Fall 2023, 2024, 2025
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ADVISING

Ph.D. Dissertation Committees

Sho Izumisawa — Committee Member	In progress
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Undergraduate Thesis Advising

Zach Yiannias (Ph.D. placement: Department of Politics, Princeton University)

SERVICE TO THE UNIVERSITY

University and School Service

Faculty Advisory Committee, Social Sciences Research Institute	2024–2025
Social Sciences Divisional Advisor, Sid Richardson College	2025–2026
Judge, Shapiro Showcase Undergraduate Research Competition	2025
Judge, School of Social Sciences Undergraduate Research Symposium	2024

Departmental Service

Faculty Advisor, Political Science Math Camp	2024–present
Chair, Speaker Series Committee	2024–present
American Politics Search Committee	2025–2026
Graduate Studies Committee	2024–2025
Speaker Series Committee	2023–2024
Open Field Search Committee	2023–2024

SERVICE TO THE PROFESSION

Conference Service

Poster Judge, Society for Political Methodology Summer Meeting	2025
Panel Chair, European Political Science Association	2025
Panel Chair and Discussant, American Political Science Association	2024
Discussant, European Political Science Association	2024
Discussant, Society for Political Methodology Summer Meeting	2022
Discussant, New Directions in Analyzing Text as Data	2019