

Frederic H. Traylor

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Department of Sociology, Rutgers University

Davison Hall
26 Nichol Avenue
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Education

Rutgers, The State University of New Jersey, New Brunswick, NJ

Exp. 2026 PhD, Sociology
Dissertation: “Public Legitimation of Climate Change Solutions”
Committee: Steven Brechin & Rachael Shwom (co-chairs), Danielle Falzon
Certificate in Human Dimensions of Environmental Change
2023 MA, Sociology
Qualifying Paper: Congressional Discussion of Science on Twitter in 2019 and 2020

The University of Texas at Dallas, Richardson, TX

2020 MS, Social Data Analytics and Research
2018 BA, Sociology

Research Interests

Environmental Sociology; Political Sociology; Religion & Religious Disaffiliation; Family Life Cycles; Quantitative, Survey, and Computational Research Methods

Research Publications

- 2025 **Traylor, Frederic**. “The Threat of AI Chatbot Responses to Crowdsourced Open-Ended Survey Questions.” *Energy Research & Social Science* 119:103857. doi: [10.1016/j.erss.2024.103857](https://doi.org/10.1016/j.erss.2024.103857).
- 2024 Lei, Lei and **Frederic Traylor**. “How Does Religion Influence Parental Support of Young Adult Children?” *Journal of Family Issues* 45(9):2135–57. doi: [10.1177/0192513X231195653](https://doi.org/10.1177/0192513X231195653).

Under Review

Traylor, Frederic. “Testing The Parenthood Hypothesis of Environmental Support: A Panel Study of Parenthood Transitions and Relative Support for Governmental Environmental Spending in the United States.” Revise & Resubmit at *Environmental Sociology*.

Traylor, Frederic, Steven Brechin, and Rachael Shwom. “Comparing the Effects of Information on Geoengineering Options Support Across Four Online Samples.” Revise & Resubmit at *Climatic Change*.

Traylor, Frederic and Youngjin Chae. “An Analysis of Environmental Attitudes and Fertility Intention.” Revise & Resubmit at *Population & Environment*.

Shwom, Rachael, **Frederic Traylor**, and Steven Brechin. "Survey Sampling and Gauging the American Public's Energy Preferences – Are we Missing Voices?"

Book Under Contract

- 2026 Brechin, Steven R., Markus Hadler, Sandra T. Marquart-Pyatt, and **Frederic Traylor**, eds. (equal editorship, names alphabetical) *Edward Elgar Handbook on Public Opinion, Climate Change and the Environment*. Cheltenham, UK: Edward Elgar Publishing.
- Contributing Chapters: "Introduction," "Review of Public Opinion Datasets," "Conclusion"

Working Papers

"Religious Residue Stops at Oil Spills: The Limits of Childhood Religious Socialization on Environmental Attitudes."

"Rallying 'Round a Different Flag: Democrats Shift Climate Policy Preferences under Republican Administrations."

"Trust in Institutions to Enact Climate Engineering."

"Comparing Predictors of Environmentalism Among Religious Americans and Their Congregations."

"Moral Hazard of Carbon Dioxide Removal and Solar Radiation Management in the US." with Amanda Sie.

Technical Reports and Publications

- 2019 Vicas, Nikitha, Joseph Campaign, **Frederic Traylor**, Roma Venkateswaran, and Anuhya Emmandi. *Combatting Dallas's Low Waste Diversion Rate: Expanding Mandated Recycling to the Commercial Sector. Policy Brief*. New York: Roosevelt Institute.
- 2018 Kennedy, Courtney, Nick Hatley, Scott Keeter, Andrew Mercer, Ruth Igielnik, and **Frederic Traylor**. *Comparing Survey Sampling Strategies: Random-Digit Dial vs. Voter Files*. Washington, DC: Pew Research Center.
- <https://www.pewresearch.org/methods/2018/10/09/comparing-survey-sampling-strategies-random-digit-dial-vs-voter-files/>

Peer-Reviewed Teaching Publication

- 2024 **Traylor, Frederic**. "Does Taylor Make Travis Better? An Exercise in Testing Popular Assumptions." *TRAILS: Teaching Resources and Innovations Library for Sociology*. Washington, DC: American Sociological Association.
- <https://trails.asanet.org/article/view/does-taylor-make-travis-better>
- * Featured in American Sociological Association Member News and Notes, [November 2024](#)
- * Featured in *Teaching Sociology* "New Resources in TRAILS." 53(1):93–96. doi: [10.1177/0092055X241302642](https://doi.org/10.1177/0092055X241302642).

Dataset

- 2025 Shwom, Rachael, Steven Brechin, and **Frederic Traylor**. 2025. "EDGE SENSE: Energy Decarbonization and GeoEngineering Survey Experiment for New Sampling and Mode Exploration, United States, 2023." Inter-university Consortium for Political and Social Research. doi:[10.3886/ICPSR39284.v1](https://doi.org/10.3886/ICPSR39284.v1).

Research Funding

External

- 2021 Alfred P. Sloan Foundation (\$50,000); with Rachael Shwom (PI) and Steven Brechin "To assess the impact of different online survey samples in eliciting public preferences for energy system decarbonization"

Internal

- 2025 Human Ecology Department Student Travel Funds Award (\$1045)
2024 Sociology Department Graduate Research Small Grant (\$25); with YJ Chae
2024 Human Ecology Department Student Travel Funds Award (\$500)
2024 Gretel Weiss Graduate Student-Faculty Collaboration Grant (\$2400); with Steven Brechin
2024 Human Ecology Department Student Travel Funds Award (\$948)
2023 Rutgers Climate and Energy Institute Student Travel Award (\$500)
2023 Sociology Department Graduate Research Small Grant (\$450)
2023 Rutgers Climate Institute Student Travel Award (\$400)
2021 Gretel Weiss Graduate Student-Faculty Collaboration Grant (\$4000); with Lei Lei
2021 Sociology Department Graduate Research Small Grant (\$100)

Honors and Awards

- 2023 Link Foundation Energy Fellowship (Honorable Mention)
2020 Phi Kappa Phi Love of Learning Award (\$500)
2018 Collegium V Honors, Magna Cum Laude, Major Honors with Distinction, & Dean's List, The University of Texas at Dallas
2018 Undergraduate Honors Program, American Sociological Association
2018 Junior Fellowship, Joint Program in Survey Methodology, University of Maryland
2017 Honor Society of Phi Kappa Phi (Inducted)
2016 Golden Key International Honor Society (Inducted)
2015 Academic Excellence Scholarship, The University of Texas at Dallas

Conference and Other Presentations

- 2025 **Traylor, Frederic**. "Rallying 'Round a Different Flag: Democrats Shift Climate Policy Preferences under Republican Administrations." *Accepted at* American Sociological Association Annual Meeting. Chicago, IL.
2025 **Traylor, Frederic**. "Religious Residue Stops at Oil Spills: The Limits of Childhood Religious Socialization on Environmental Attitudes." *Accepted at* American Sociological Association Annual Meeting. Chicago, IL.
2025 **Traylor, Frederic**. "Religious Residue on Environmental and Climate Attitudes." Eastern Sociological Society Conference. Boston, MA.
2024 **Traylor, Frederic**. "Trust in Institutions to Enact Climate Engineering." American Sociological Association Annual Meeting. Montreal, QC.

- 2024 Shwom, Rachael, **Frederic Traylor**, and Steven Brechin. "A Mode and Sampling Experiment for Surveys of Energy Decarbonization." Eastern Sociological Society Conference. Washington, DC.
- 2024 **Traylor, Frederic** and Youngjin Chae. "An Analysis of Environmental Attitudes and Fertility Intention." Eastern Sociological Society Conference. Washington, DC.
- 2024 **Traylor, Frederic** and Youngjin Chae. "An Analysis of Environmental Attitudes and Fertility Intention." Quantitative Applications in Sociology Workshop, Rutgers Department of Sociology.
- 2024 Sie, Amanda and **Frederic Traylor**. Effect on Information on Climate Engineering Public Perceptions and Climate Resource Allocation. Climate Engineering Gordon Research Conference. Lucca, Italy.
- 2023 **Traylor, Frederic** and Youngjin Chae. "An Analysis of Environmental Attitudes and Fertility Intention." American Sociological Association Annual Meeting. Philadelphia, PA.
- 2023 **Traylor, Frederic**. "Congressional Polarization of Science During the Emergence of the Pandemic, 2019-2020." American Sociological Association Annual Meeting. Philadelphia, PA.
- 2023 Shwom, Rachael, **Frederic Traylor**, and Steven Brechin. "New Jersey Residents Public Opinions on Energy Decarbonization and Climate Engineering." New Jersey Climate Change Research Symposium, Rutgers University.
- 2023 **Traylor, Frederic**. "Congressional Polarization of Science During the Emergence of the Pandemic, 2019-2020." Sociology Graduate Students' Conference, University of Pennsylvania and Temple University.
- 2023 **Traylor, Frederic**. "Congressional Polarization of Science and the Emergence of the Pandemic, 2019-2020." Quantitative Applications in Sociology Workshop, Rutgers Department of Sociology.
- 2022 Lei, Lei and **Frederic Traylor**. "How Does Religion Influence Young Adults' Coresidence with Parents?" Population Association of America Annual Conference. Atlanta, GA.
- 2020 **Traylor, Frederic**. "Effects of Political and Economic Equality on Gender Differences in Climate Change Risk Perception." Society for Risk Analysis Annual Meeting. Virtual.
- 2020 **Traylor, Frederic**. "Can Gender Equality Affect Climate Change-Related Disaster Risk Perceptions?" Mid-South Sociological Association Annual Conference. Virtual.
- 2018 **Traylor, Frederic**. "Climate Change Beliefs of Religious Americans Over Ten Years." American Sociological Association Annual Meeting. Philadelphia, PA.

Teaching

Instructor

Environmental Sociology

Summer 2025

Teaching Assistant

Politics of Environmental Issues

Fall 2024, Spring 2025, Fall 2025

Analysis of Sociological Data II (Graduate Level)

Spring 2022, Spring 2023

Analysis of Sociological Data I (Graduate Level)

Fall 2021, Fall 2022*

Introduction to Statistics for Sociology (UG Level)

Spring 2021, Fall 2023**, Spring 2024**

Introduction to Sociology

Fall 2020

* Instructor for 1 month due to instructor of record taking family leave

** Sociology Department Teaching Honor Roll

Courses Prepared to Teach

Graduate Level: Environmental Sociology, Statistics, Research Methods

Undergraduate Level: Environmental Sociology, Statistics, Research Methods, Political Sociology, Sociology of Religion, Sociology of the Family

Service

To the Discipline

- 2024 Presider: “Technoscience” Roundtable Session. Section on Environmental Sociology. American Sociological Association Annual Meeting. Montreal, QC.
- 2023 Reviewer: Sociology Graduate Students’ Conference, University of Pennsylvania and Temple University.
- 2021 Presider: “Public Opinion and the Environment” Roundtable Session. Section on Environmental Sociology. American Sociological Association Annual Meeting. Virtual.
- 2021 Roundtable Co-Organizer: ASA Section on Environmental Sociology.

Occasional Reviewer for:

Energy Research & Social Science (2), Environmental Sociology, Journal of Family Issues, Society & Natural Resources (2)

To the University

Rutgers University

- 2024 – 2025 Graduate Mentor, Rutgers University Honors College
- 2021 – 2022 Reviewer for *Aresty Rutgers Undergraduate Research Journal*

The University of Texas at Dallas

- 2020 Outstanding Undergraduate Student Award Selection Committee
- 2018 – 2020 Vice President, The Honor Society of Phi Kappa Phi Chapter 316
- 2018 – 2020 *The Exley* (Undergraduate Research Journal) Advisory Board
- 2017 – 2018 University Sustainability Committee
- 2017 – 2018 University Recycling Committee

To the Department

Rutgers University, Department of Sociology

- 2024 – 2025 Co-Chair, AI Collaborative (Joint with Political Science and Communication)
- 2022 – 2023 Secretary-Treasurer, Graduate Union of Sociology Students
- 2021 – 2023 Website Committee
- 2021 – 2022 Colloquium Committee

Professional Affiliations

American Sociological Association, Eastern Sociological Society, Climate Social Science Network

Technical Skills

R, Stata, SPSS, ArcGIS