

# Frederic H. Traylor

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## Education

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

In Progress    PhD, Sociology  
                    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; Public Opinion of Climate Change and Climate Change Solutions;  
Public Trust in (Climate) Science; 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**, Steven Brechin, and Rachael Shwom. “Comparing the Effects of Information on Geoengineering Options Support Across Four Online Samples.”

**Traylor, Frederic** and Youngjin Chae. “An Analysis of Environmental Attitudes and Fertility Intention.”

**Traylor, Frederic**. “A Panel-Based Analysis of the Parenthood Hypothesis.”

### In Progress

**Traylor, Frederic**. “Trust in Institutions to Enact Climate Engineering.”

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

Sie, Amanda and **Frederic Traylor**. “Does Learning about Geoengineering Create Moral Hazard? New Experimental Evidence from a National Survey.”

**Traylor, Frederic**. “Congressional Polarization of Scientific Authority and the Emergence of the Pandemic, 2019-2020.”

#### Technical Reports and Publications

- 2019 Vicas, Nikitha, Joseph Campain, **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.

#### Peer-Reviewed Teaching Publications

- 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](#)

### **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

- 2024 Sociology Department Graduate Research Small Grant (\$25); with YJ Chae  
2024 Human Ecology Research Funds Award (\$500)  
2024 Gretel Weiss Graduate Student-Faculty Collaboration Grant (\$2400); with Steven Brechin  
2024 Human Ecology Research 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 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 Invited Presentations

- 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

### Teaching Assistant

Politics of Environmental Issues	Fall 2024, Spring 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

## Service

### To the Discipline

2024 President: “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 President: “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, Journal of Family Issues, Society & Natural Resources

### 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