

## **SAMUEL STOLPER**

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### **ACADEMIC POSITIONS**

- 2025- Associate Professor (with tenure), University of Michigan, School for Environment and Sustainability
- External Faculty Affiliate, MIT Center for Energy and Environmental Policy Research
  - Faculty Affiliate, University of Michigan Center for Sustainable Systems
- 2017-2025 Assistant Professor, University of Michigan, School for Environment and Sustainability
- 2016-2017 Postdoctoral Fellow, MIT, Department of Economics and Center for Energy and Environmental Policy Research

### **EDUCATION**

- 2010-2016 Ph.D. in Public Policy, Harvard University
- 2002-2006 B.Sc. in Biomedical Engineering (with honors), Brown University

### **TEACHING EXPERIENCE**

- 2018- Climate Economics and Policy, University of Michigan (master)
- 2018- Economics and Environmental Justice, University of Michigan (master)
- 2018- Environmental Economics, Policy, and Justice, University of Michigan (undergraduate)
- 2017 Environmental Policy and Economics, MIT Dept. of Economics (undergraduate)
- 2014 Economics of Climate Change, Harvard Dept. of Economics (undergraduate)
- 2014 Economic Analysis of Public Policy, Harvard Kennedy School (master), (TF)

### **PUBLICATIONS**

Knittel, Christopher and Samuel Stolper (2025). "Using Machine Learning to Target Treatment: The Case of Household Energy Use." *Economic Journal* 135(672): 2377–2401 (Editor's Choice).

Woody, Maxwell, Samuel Stolper, Parth Vaishnav, and Gregory Keoleian (2024). "Vehicle Scrappage Policies for Transportation Decarbonization." *Environmental Research: Energy* 1: 033002.

Stolper, Samuel, Michael Moore, and Timothy Arvan (2024). "The Promise and Peril of Carbon Neutrality Goals." *Review of Environmental Economics and Policy* 18(1): 88-95.

Ando, Amy, Titus Awokuse, Nathan Chan, Jimena González-Ramírez, Sumeet Gulati, Matthew Interis, Sarah Jacobson, Dale Manning, and Samuel Stolper (2024). "Environmental and Resource Economics and Systemic Racism." *Review of Environmental Economics and Policy* 18(1): 143-164.

Taiebat, Morteza, Samuel Stolper, and Ming Xu (2022). "Widespread Range Suitability and Cost Competitiveness of Electric Vehicles for Ride-hailing Drivers." *Applied Energy* 319: 119246.

Hausman, Catherine and Samuel Stolper (2021). “Inequality, Information Failures, and Air Pollution.” *Journal of Environmental Economics and Management* 110: 102552.

Knittel, Christopher and Samuel Stolper (2021). “Machine Learning about Treatment Effect Heterogeneity: The Case of Household Energy Use.” *American Economic Association Papers and Proceedings* 111: 440-444.

Taeibat, Morteza, Samuel Stolper, and Ming Xu (2019). “Forecasting the Impact of Connected and Automated Vehicles on Energy Use: A Microeconomic Study of Induced Travel and Energy Rebound.” *Applied Energy* 247: 297-308.

Do, Quy-Toan, Shareen Joshi, and Samuel Stolper (2018). “Can Environmental Policy Reduce Infant Mortality? Evidence from the Ganga Pollution Cases.” *Journal of Development Economics* 133: 306-325.

#### **WORKING PAPERS**

“Income and Energy Tax Pass-Through: Evidence from Gas Stations.” Revise and resubmit, *Journal of the Association of Environmental and Resource Economists*.

“Getting from Ridehailing to Ridesharing: Effects of a Congestion Tax in Chicago,” with Morteza Taeibat. Reject and resubmit, *National Tax Journal*.

#### **WORKS IN PROGRESS**

“The Health Impact of Water Shutoffs” (with Noah Attal and Yulya Truskinovsky).

“Water Rates, Affordability, and Utility Cost Recovery: Evidence from Detroit” (with Noah Attal).

“Pass-Through of Firm-Specific Cost Shocks: Evidence from Spanish Gas Stations” (with Richard L. Sweeney).

#### **PROFESSIONAL SERVICE**

2021- Member, Council on Climate Solutions for the State of Michigan

2015- Referee for: Quarterly Journal of Economics; Journal of Political Economy; American Economic Review: Insights; Review of Economics and Statistics; American Economic Journal: Applied Economics; American Economic Journal: Economic Policy; Journal of Public Economics; Journal of Health Economics; Journal of Environmental Economics and Management; Regional Science and Urban Economics; Energy Economics; Energy Journal; Proceedings of the National Academy of Sciences; Nature Communications; World Development; Humanities and Social Science Communications; Transportation Research Part C; Transport Policy; Energy Policy; Journal of Cleaner Production; Resource and Energy Economics; Risk Analysis; Environment and Development Economics; Water Resources and Economics; Economic Modelling

#### **INVITED PRESENTATIONS**

2025 National Bureau of Economics Research (NBER) Conference on Data Infrastructure for Decarbonizing Transportation

2024 Association for Environmental and Resource Economists (AERE) Annual Conference; American Economic Association (AEA) Annual Conference; UM/MSU Energy and

- Environmental Economics Workshop; National Association of County and City Health Officials Annual Conference
- 2023 Environmental Defense Fund; Cornell University Dyson School; European Association of Environmental and Resource Economists (EAERE) Annual Conference; UM/MSU Energy and Environmental Economics Workshop; Engage Detroit Workshop
- 2022 AEA Annual Conference; AERE Annual Conference; UM/MSU Energy and Environmental Economics Workshop
- 2021 Wharton Energy Economics and Finance Seminar; AERE Annual Conference; Midwest Energy Fest; AEA Annual Conference; Western Economic Association International Annual Conference; University of Michigan Voices for Carbon Neutrality
- 2020 AERE Annual Conference; POWER Conference at UC-Berkeley; People's Water Board Coalition
- 2019 MIT Center for Energy and Environmental Policy Research, Heartland Environmental and Resource Economics Workshop, Harvard Environmental Economics Program Research Workshop, UM/MSU Energy and Environmental Economics Workshop, NBER Conference on the Economics of Energy Use in Transportation, New Horizons in Conservation Conference, Yale University School of the Environment, The Workshop on Environmental Economics and Data Science
- 2018 National Tax Association (NTA) Annual Conference, Massachusetts Institute for Technology (MIT) Center for Energy and Environmental Policy Research, Northwestern, NBER Pre-Conference on the Economics of Energy Use in Transportation, Just Transitions Conference
- 2017 University of Michigan Economics Department, Heartland Environmental and Resource Economics Workshop, International Institute for Public Finance Annual Conference, AERE Annual Conference
- 2016 University of Michigan School for Environment and Sustainability, MIT Economics Department, NTA Annual Conference, Seoul National University Department of Economics, London School of Economics Department of Geography and Environment, Resources for the Future, Congressional Budget Office, Analysis Group, The Brattle Group, Institute for Policy Integrity, Suffolk University Economics Department
- 2015 Harvard Kennedy School Environmental Economics Seminar, Environmental Defense Fund, National Commission on Markets and Competition (Spain), Seoul National University Economics Department
- 2014 International Growth Centre

#### **HONORS, GRANTS**

- 2021 UM SEAS Superior Teaching Award (one faculty member per year; awarded by student government)
- 2020 Poverty Solutions at the University of Michigan, Detroit Project Development Grant (\$17,444)
- 2018 National Bureau of Economic Research Grant, Economics of Energy Use in Transportation (\$12,000)
- 2017 Young Economists Prize, International Institute for Public Finance
- 2016 Enel Endowment Prize for Best Doctoral Research Paper, Harvard Kennedy School
- 2014 Joseph Crump Fellowship, Harvard Kennedy School
- 2013 International Growth Centre Research Grant, International Growth Centre
- 2013 Giorgio Ruffolo Fellowship in Sustainability Science, Harvard Kennedy School
- 2013 Vicki Norberg-Bohm Fellowship, Harvard Kennedy School