

## **SAMUEL STOLPER**

University of Michigan  
School for Environment and Sustainability  
Dana Building, Room 3006  
440 Church Street  
Ann Arbor, MI 48109

sstolper@umich.edu  
734-763-3243  
<http://seas.umich.edu/research/faculty/samuel-stolper>  
<http://sites.google.com/view/sstolper/>

### **ACADEMIC POSITIONS**

2017- Assistant Professor, University of Michigan, School for Environment and Sustainability  
2017- External Faculty Affiliate, MIT Center for Energy and Environmental Policy Research  
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)

### **PEER-REVIEWED PUBLICATIONS**

Samuel Stolper, Michael Moore, and Timothy Arvan (forthcoming). “The Promise and Peril of Carbon Neutrality Goals” (with Michael Moore and Timothy Arvan). Accepted at *Review of Environmental Economics and Policy*.

Sarah Jacobson, Amy Ando, Titus Awokuse, Nathan Chan, Jimena González-Ramírez, Matthew Interis, Dale Manning, and Samuel Stolper (forthcoming). “Addressing Systemic Racism in Environmental and Resource Economics.” Accepted at *Review of Environmental Economics and Policy*.

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

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

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.

Taiebat, 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**

“Using Machine Learning to Target Treatment: The Case of Household Energy Use”, joint with Christopher Knittel. National Bureau of Economic Research Working Paper 26531 (December 2019). *Revise and resubmit.*

“Local Pass-Through and the Regressivity of Taxes: Evidence from Automotive Fuel Markets.”

#### **WORKS IN PROGRESS**

“The Effects of Price Incentives for Ridesharing: Evidence from Chicago’s Congestion Policy” (with Morteza Taiebat and Ming Xu).

“Water Affordability and Rate Structure in Detroit, Michigan” (with Noah Attal).

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

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

#### **PROFESSIONAL SERVICE**

2021- Member, Council on Climate Solutions for the State of Michigan  
2018- Member, UM SEAS Diversity, Equity, and Inclusion Committee  
2018- SEAS Liaison, UM Liaisons for Inclusive Teaching  
2015- Referee for: *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*; *Energy Economics*; *Risk Analysis*; *World Development*; *Environment and Development Economics*; *Water and Resource Economics*; *Economic Modelling*; *Nature Communications*; *Transportation Research Part C*; *Journal of Cleaner Production*

#### **INVITED PRESENTATIONS**

2023 European Association of Environmental and Resource Economists (EAERE) Annual Conference; Engage Detroit Workshop  
2022 American Economic Association (AEA) Annual Conference; Association for Environmental Resource Economists (AERE) Annual Conference  
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 (Detroit, MI)

- 2019 MIT Center for Energy and Environmental Policy Research, Heartland Environmental and Resource Economics Workshop, Harvard Environmental Economics Program Research Workshop, UM/MSU/CMU Energy and Environmental Economics Workshop, National Bureau of Economic Research (NBER) Conference on the Economics of Energy Use in Transportation, New Horizons in Conservation Conference, Yale University, The Workshop on Environmental Economics and Data Science
- 2018 National Tax Association (NTA) Annual Conference, 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, Heartland Environmental and Resource Economics Workshop, International Institute for Public Finance Annual Conference, AERE Annual Conference
- 2016 University of Michigan, MIT, NTA Annual Conference, Seoul National University, London School of Economics, Resources for the Future, Congressional Budget Office, Analysis Group, The Brattle Group, Institute for Policy Integrity, Suffolk University
- 2015 Harvard Kennedy School, Environmental Defense Fund, National Commission on Markets and Competition (Madrid, Spain), Seoul National University
- 2014 International Growth Centre (Delhi, India)

**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 University
- 2013 International Growth Centre Research Grant, International Growth Centre