

# Paul A. Brehm

## Oberlin College

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## Professional Experience

Oberlin College, Department of Economics and Environmental Studies Program	2023-Present
Associate Professor of Economics and Environmental Studies	
Assistant Professor of Economics and Environmental Studies	2017-2023
Research Analyst, The Brattle Group (Cambridge, MA)	2008-2011

## Education

Ph.D. in Economics, University of Michigan	2017
M.A. in Economics, University of Michigan	2013
B.A. in Mathematics and Economics, Vassar College	2008

## Peer-Reviewed Economics Publications

Brehm, Margaret E., Paul A. Brehm, Alecia Cassidy, and Traviss Cassidy. "Resource booms, revenue sharing, and growth" *Journal of Development Economics*. 182 (2026): 103811.

Brehm, Paul and Alecia Cassidy. "AC replacement: Heat of the moment or cool-headed choice?" *Journal of Housing Economics*. 68(2) (2025): 102068.

Brehm, Paul and Martin Saavedra. "Vaccines and Verdicts: How Smallpox Court Decisions Affect Anti-Vaccine Discourse and Mortality" *The Economic Journal*. 135(4) (2025): 1229-1260.

Brehm, Paul, Sarah Johnston, and Ross Milton. "Backup Power: Public Implications of Private Substitutes for Electric Grid Reliability" *Journal of the Association of Environmental and Resource Economists*. 11(6) (2024): 1419-1445.

Brehm, Margaret, Paul Brehm, and Martin Saavedra. "The Ohio Vaccine Lottery and Starting Vaccination Rates" *American Journal of Health Economics*. 8(3) (2022): 387-411.

Brehm, Margaret and Paul Brehm. "Drill, Baby, Drill: Resource Shocks and Fertility, Evidence from Indonesia." *Labour Economics*. 76 (2022): 102178.

Brehm, Paul and Eric Lewis. "Information Asymmetry, Trade, and Drilling: Evidence from an Oil Lease Lottery" *The RAND Journal of Economics*. 52 (2021): 496-514.

Brehm, Paul and Yiyuan Zhang. "The Efficiency and Environmental Impacts of Market Organization: Evidence from the Texas Electricity Market." *Energy Economics*. 101 (2021): 105359.

Brehm, Paul. "Natural gas prices, electric generation investment, and greenhouse gas emissions" *Resource and Energy Economics*. 58 (2019): 101-116.

## Peer-Reviewed Interdisciplinary Publications

Jauernig, Johanna, Cynthia McPherson Frantz, Alita Boyse-Peacor, Hannah Bouillon, Paul Brehm, John Petersen, Rebecca Jordan, Md Rumi Shammin, and Steven Gray. "Perspective Taking through Model Building: A Path to Open-Mindedness and de-Polarization?" [The Journal of Positive Psychology](#) 21(4) (2026): 1-14.

Jordan, Rebecca, Steven Gray, Amanda Sorensen, Cindy Frantz, Paul Brehm, Rumi Shammin, John Petersen, Alita Boyse-Peacor, and Johanna Jauernig. "Comparing measure of systems thinking in a post-secondary classroom." [Journal of Education and Practice](#) 16(12) (2025): 123-130.

Jordan, Rebecca, Steven Gray, Alita Boyse-Peacor\*, Amanda E. Sorensen, Cynthia McPherson Frantz, Johanna Jauernig, Paul Brehm, Md. Rumi Shammin, and John Petersen. "Promoting systems thinking through perspective taking when using an online modeling tool." [Frontiers in Education](#) 8 (2023): 1215436.

## Other Publications

Frantz, Cindy, Paul Brehm, Stephen Gray, Johanna Jauernig, Rebecca Jordan, John Petersen, and Rumi Shammin (2022). "Promoting viewpoint diversity and perspective taking through fuzzy cognitive mapping." Final Report for the Heterodox Academy's Increasing Open Inquiry on College Campuses Research Grant.

## Working Papers

"Airline Competition, Oil Price Pass-Through, and Carbon Taxes" (with Anirudh Jayanti and Andrew Usher)

## Works in Progress

"Does Promoting the Underdog Increase Competition? Evidence from Oil Leases" (with Eric Lewis)

## Teaching Experience

### *Oberlin College*

Principles of Economics (101)	Fall 2017, Spring 2018, Fall 2018, Spring 2019, Spring 2020, Spring 2022, Fall 2025, Spring 2027
Environmental Economics (231)	Fall 2017, Fall 2018, Fall 2019, Fall 2021, Fall 2022, Fall 2025, Spring 2027
Energy Economics (332)	Spring 2018, Spring 2019, Fall 2019, Spring 2022, Spring 2026
Seminar in Energy and Environmental Economics (432)	Spring 2020, Fall 2021, Spring 2023, Fall 2024, Fall 2026
Economics Honors Seminar Coordinator (491)	Fall 2022 - Spring 2023

## *University of Michigan*

Graduate Student Instructor, Environmental and Resource Economics	Fall 2016
Graduate Student Instructor Mentor, Economics Department	Fall 2014 – Winter 2016
Head Graduate Student Instructor, Principles of Macroeconomics	Fall 2013, Winter 2014, Fall 2014
Graduate Student Instructor, Principles of Macroeconomics	Fall 2012, Winter 2013

## Grants, Honors, and Awards

<a href="#">Excellence in Teaching Award</a>	2024-2025 Academic Year
National Science Foundation Grant for Collaborative Research on: “Integrating Perspective-taking and Systems Thinking for Complex Problem-Solving” (\$593,133, Co-PI)	2022
Heterodox Academy Grant for “Promoting viewpoint diversity and perspective taking through fuzzy cognitive mapping” (\$30,000, Co-PI)	2021
Donald R. Longman Faculty Fellowship	2020-2021
Rackham One-Term Dissertation Fellowship	Winter 2017
MITRE Graduate Research Award for “Airline Competition, Oil Price Pass-Through, and Carbon Taxes” (\$5,000)	2016
Outstanding Graduate Student Instructor Award ( <a href="#">University-wide Award</a> )	2015
Rackham Graduate Student Research Grant for “To Trade or not to Trade: Oil Leases, Information Asymmetry, and Coase” (\$3,000)	2015
Letters of Commendation for Excellent Teaching	Winter 2013, Fall 2013, Winter 2014
Summer Research Apprenticeship, University of Michigan Department of Economics	2012, 2013
Verne G. Istock Scholar Award, University of Michigan	2011-2012
Emilie Louise Wells Fellowship, Vassar College	2011-2012
Phi Beta Kappa, Vassar College	2008

## Presentations

2023: MEA Annual Conference (AERE Session   Cleveland, OH)
2022: SEA Annual Meeting (Presidential Session   Ft. Lauderdale, FL)
2021: MEA Annual Conference (AERE Session   Virtual), AERE Summer Conference (Virtual)
2020: SEA Annual Meeting (Presidential Session   Virtual/New Orleans, LA)
2019: MEA Annual Conference (AERE Session   St. Louis, MO), Oklahoma State University (Economics Department), Kent State University (Economics Department)

2018: MEA Annual Conference (AERE Session | Evanston, IL), World Congress of Environmental and Resource Economists (Gothenburg, Sweden)

2016: Industrial Organization Lunch Seminar (University of Michigan), Energy & Environmental Economics Day (Michigan State University), CU Environmental and Resource Economics Workshop (Vail, CO), Energy and Environment Seminar (University of Michigan), Heartland Environmental and Resource Economics Workshop (University of Illinois), SEA Annual Conference (Washington, DC)

2015: Energy Camp (University of California, Berkeley), Industrial Organization Lunch Seminar (University of Michigan), Energy & Environmental Economics Seminar (University of Michigan), Informal Resource Economics Seminar (University of Michigan)

2014: Heartland Environmental and Resource Economics Workshop (University of Illinois), Informal Resource Seminar (University of Michigan)

2013: Informal Resource Seminar (University of Michigan)

## Service

Referee for *American Economic Journal: Microeconomics*, *The Journal of Environmental Economics and Management*, *Journal of Public Economics*, *Energy Economics*, *Environmental and Resource Economics*, *Resource and Energy Economics*, *Energy Journal*, *Economic Modelling*, *Papers in Regional Science*, *Utilities Policy*, *Sustainability*, *Health Economics Review*, *North American Journal of Economics and Finance*, and *International Journal of Sustainability in Higher Education*.

General Faculty Council (Elected Committee)	2025-2027
Oberlin Economics Department Chair	2024-Present
Oberlin Environmental Studies Program Committee (Core Member)	2017-Present
Oberlin Committee on Environmental Sustainability, Chair during 2022-2023 academic year	2018-2020, 2021-2023
Social Sciences Divisional Advisory Committee	2020-2023
Providing Oberlin With Efficiency Responsibly (POWER), Board Member	2021-2024
Jerome Davis Research Award Committee	2021-2022
Vibrant Campus Task Force	2022
Oberlin Student Life Committee Member	2018-2019
Co-Organizer, Michigan Informal Natural Resources Seminar	2014-2016
Captain, The Invisible Glove, Michigan Economics Department Softball Team	2013-2015

Search Committees for: Applied Microeconomics (Tenure Track, 2023-2024), Health Economics (Tenure Track, 2023-2024), Industrial Organization (Tenure Track, 2022-2023), International Trade (Tenure Track, 2021-2022), Business (Tenure Track, 2022), Environmental Social Scientist (Tenure Track, 2023-2024), Native American and Indigenous Studies and Environmental Studies (Tenure Track, 2021-2022), Finance (Visiting, 2022), Development (Visiting, 2022), Industrial Organization (Visiting, 2021), and Environmental Economics (Visiting, 2019-2020),

## References

Ryan Kellogg (Co-Chair)  
Harris School of Public Policy  
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University of Michigan  
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Adam Stevenson (Teaching)  
Department of Economics  
University of Michigan  
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