Greg Boudreaux

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Education

Ph.D. Agricultural and Resource Economics, University of California, Davis Exp. 2027
Committee: Matthew Reimer, Katrina Jessoe, Michael Springborn

M.S. Agricultural, Food, and Resource Economics, Michigan State University Jan. 2021
Awards: Outstanding M.S. Thesis (MSU AFRE & Northeast Ag. & Resource Econ. Assn.)
Committee: Frank Lupi, Brent Sohngen, Scott Swinton

B.A. Economics, Loyola University Chicago May 2018

Research Fields

Fields: Environmental & Resource Economics, Labor Economics, Development Economics

Research in Progress

Job Market Paper
Climate Migration, Liquidity Constraints, and Trapped Populations
with Matthew Reimer (UC Davis)
Abstract: How do liquidity constraints shape migration responses to climate change? Environmental shocks can increase the incentive to migrate but decrease the liquid assets needed to move, trapping some households in place. We develop a framework to disentangle these opposing effects and identify the role of liquidity constraints in shaping climate migration. We test our hypotheses using administrative migration data from rural Alaska, gridded data on heat accumulation and land degradation, and exogenous variation in unearned income from the Permanent Fund Dividend. A standard regression of out-migration on heat yields a null effect, which we show masks two offsetting forces: heat suppresses rural-urban migration by decreasing productivity and eroding households' liquid resources, while heat-induced land degradation increases out-migration. Unearned income reverses the suppression effect: a one-standard-deviation heat shock *decreases* the out-migration rate by 4.7% at the lowest dividend, but *increases* it by 5.8% at the highest. These effects are concentrated in low-wage communities and costly long-distance moves, where liquidity constraints are most likely to bind. We estimate that the dividend enabled roughly 83% of the migration that above-average heat would have otherwise suppressed. These findings are consistent with a risk-based poverty trap and underscore the importance of financial constraints in shaping adaptation.

Groundwater, Electrification, and Rural Development
with Katrina Jessoe (UC Davis) and Jeff Hadachek (UW-Madison)

The Price of Fear: Salience and Price Sensitivity in Natural Disaster Insurance

Permit Migration and the Changing Geography of Fishing-Dependent Communities
with Matthew Reimer, Jim Sanchirico, and Tsugumi Yamashita (UC Davis)

Estimating Economic Damages of Water Quality Warnings in the Great Lakes
with Frank Lupi (Michigan State), Brent Sohngen (Ohio State), and Alan Xu (Fort Hays State)

Peer-Reviewed Publications

"Measuring Beachgoer Preferences for Avoiding Harmful Algal Blooms and Bacterial Warnings." (2023) *Ecological Economics* 140(A). DOI: 10.1016/j.ecolecon.2022.107653 (with F. Lupi, B. Sohngen, and A. Xu)

Grants, Honors and Awards

Henry A. Jastro Graduate Research Scholarship, UCD ($3,000)	2026
Earth Scholars Award, UC Davis Institute on the Environment ($8,000)	2025
Graduate Research Award, North Pacific Research Board ($26,000)	2025
Giannini Foundation of Ag. Economics Mini-Grant, with K. Jessoe & J. Hadachek ($34,000)	2025
Henry A. Jastro Graduate Research Scholarship, UCD ($3,000)	2025
UC Davis ARE Summer Research Fellowship ($4,000)	2024
Civilian Service Commendation Medal, U.S. Army Corps of Engineers	2022
Outstanding M.S. Thesis Award, Northeastern Ag. and Resource Economics Association (NAREA)	2021
Outstanding M.S. Thesis Award, Michigan State University AFRE	2021

Research Experience

Graduate Student Researcher, University of California, Davis 2024–2026
Advisor: Dr. Katrina Jessoe
Funding: Sloan Foundation, Giannini Foundation for Agricultural Economics

Graduate Student Researcher, University of California, Davis 2023–2025
Advisors: Dr. Matthew Reimer, Dr. Jim Sanchirico
Funding: North Pacific Research Board

Research Support, Securing California's Flood Future panel 2025
Collaborating Institutions: UC Davis, Insurance for Good
Funding: California Department of Water Resources (DWR)

Graduate Research Assistant, Michigan State University 2018–2020
Advisors: Dr. Frank Lupi, Dr. Brent Sohngen
Funding: National Science Foundation

Teaching Experience

Teaching Assistant, University of California, Davis
ARE 100A: Intermediate Microeconomics (undergraduate) 2025

Tutor, University of California, Davis
ARE 106: Econometric Theory and Applications (undergraduate) 2026

Professional Activities

Conference Presentations

AAEA Annual Meeting, presenter	2026
AAEA Annual Meeting, poster	2026
AERE at Western Economic Association, presenter	2026
Giannini Foundation for Ag. Econ. Student Conference, presenter	2026
UC Davis Agricultural Economics Workshop, presenter	2026
AERE Summer Conference, presenter	2025

Giannini Foundation for Ag. Econ. Student Conference, presenter 2025
UC Davis Natural Resource Economics and Policy Lab, presenter 2021
AAEA Annual Meeting, presenter 2021
AAEA Annual Meeting, poster 2021
USDA W-4133 Annual Meeting, presenter 2021
International Association of Great Lakes Research Annual Conference, presenter 2021

Departmental Service

Coordinator, Natural Resource Economics and Policy Lab (NatuRE Lab) 2023–2025
Student Representative, Faculty Search Committee (Assistant Professor of Ag. Finance) 2026
Representative, UC Davis Graduate Student Association 2023–2026

University Service

Participant, Graduate Inclusive Education and Mentoring Training (GET) Workshop 2026
Mentor, MANRRS UC Davis College of Ag. and Env. Sciences 2024–2025

Referee Service

Food Policy 2025

Professional Association Membership

Association of Environmental and Resource Economists 2024–present
Agricultural and Applied Economics Association 2022–present

Professional Experience

Regional Economist, U.S. Army Corps of Engineers, Chicago District 2020–2022

Non-Academic Publications

"Impacts of Climate Change on Human Health" in *Climate Change and National Security: Can Public Policy Change the World? (The Aspen Institute & The University of Chicago)*, 2019. (with T.D. Arnold, M. Burnett, K. Kirsch, and C. Hough)

References

Prof. Matthew Reimer (**Co-chair**)
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Prof. Katrina Jessoe (**Co-chair**)
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University of California, Davis
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Prof. Michael Springborn
Department of Environmental Science & Policy
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