

GREG BOUDREAUX

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EDUCATION

Ph.D. Agricultural and Resource Economics, University of California, Davis	Exp. 2027
COMMITTEE: <i>Matthew Reimer, Katrina Jessoe, Michael Springborn</i>	
M.S. Agricultural, Food, and Resource Economics, Michigan State University	Jan. 2021
B.A. Economics, Loyola University Chicago	May 2018

RESEARCH FIELDS AND INTERESTS

Fields: Environmental & Resource Economics, Public Economics, Agricultural Economics

Interests: Migration, Rural Development, Insurance, Technology Adoption, Nonmarket Valuation

RESEARCH IN PROGRESS

Job Market Paper

Climate Migration and Liquidity Constraints: Evidence from the Alaska Permanent Fund Dividend
with Matthew Reimer (UC Davis)

Abstract: This paper examines how limited access to credit can constrain rural, resource-dependent communities' ability to adapt to uninsured risk. Our setting is rural Alaska, which is highly dependent on subsistence harvesting for food security and is one of the fastest-warming areas in the world. This environmental degradation increases the utility of rural-urban migration, while decreasing its feasibility by eroding the disposable income necessary to finance migration costs. This renders migration responses to environmental change highly nonlinear, and poorly summarized by a single average effect. To show this, we use 16 years of bilateral migration data between all 344 Alaska communities, and exploit exogenous variation in summer heat accumulation alongside variation in unearned income from the Alaska Permanent Fund Dividend, an exogenous shifter of household liquidity constraints. At low levels of unearned income, one standard deviation increase in summer heat exposure decreases rural-urban migration by 39%; this effect attenuates as unearned income rises and reverses sign at the transfer's average value. Consistent with binding liquidity constraints, effects are concentrated among costly, long-distance moves and communities in the lower half of the wage distribution. Importantly, we show that approaches which do not explicitly model the countervailing drivers of environmental migration can produce misleading null results. Our results have direct implications for the efficient use of public funds to support rural communities in the face of increasing risk exposure.

Resource Extraction, Electrification, and Rural Development in the American West
with Katrina Jessoe (UC Davis) and Jeff Hadachek (UW-Madison)

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

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

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](https://doi.org/10.1016/j.ecolecon.2022.107653) (with F. Lupi, B. Sohngen, and A. Xu)

GRANTS, HONORS AND AWARDS

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

<i>Food Policy</i>	2025
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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
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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) Department of Agricultural & Resource Economics University of California, Davis mnreimer@ucdavis.edu	Prof. Katrina Jessoe (Co-chair) Department of Agricultural & Resource Economics University of California, Davis kkjessoe@ucdavis.edu
Prof. Michael Springborn Department of Environmental Science & Policy University of California, Davis mspringborn@ucdavis.edu	