

Jacob Gellman

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ACADEMIC APPOINTMENTS

University of Alaska Anchorage
Postdoctoral Fellow, Department of Economics

2023 - present

EDUCATION

University of California, Santa Barbara
Ph.D., Environmental Science & Management
Committee: Andrew Plantinga, Olivier Deschênes, Kelsey Jack, Max Moritz
Fields: Environmental and Resource Economics, Econometrics

2023

University of Puget Sound, Tacoma, WA
B.A., Economics; Minor, French
Advisor: David J. Lewis
Honors: *Summa Cum Laude*, Honors in Economics

2013

WORKING PAPERS

Boomhower, J., Fowlie, M., Gellman, J., & Plantinga, A. (2024). "How Are Insurance Markets Adapting to Climate Change? Risk Selection and Regulation in the Market for Homeowners Insurance." National Bureau of Economic Research Working Paper No. 32625.

Gellman, J., Walls, M., & Wibbenmeyer, M. (2024). "Welfare Losses from Wildfire Smoke: Evidence from Daily Outdoor Recreation Data." Resources for the Future Working Paper No. 23-21. **Most recent version.** Submitted.

Gellman, J., & Wibbenmeyer, M. (2024). "Wildfire Smoke in the United States." Resources for the Future Working Paper No. 24-04. Forthcoming, Review of Environmental Economics and Policy.

WORKS IN PROGRESS

Berry, K., Gellman, J., Hennighausen, H., & Watson, B. "The Value of Hurricane Avoidance."

Berry, K., Gellman, J., Hennighausen, H., & Watson, B. "Natural Disasters and Crime."

Gellman, J., Pond, Z., & Wibbenmeyer, M. "Valuation of Climate Amenities Using Campground Reservations and Cancellations."

Gellman, J. "Effects of Affordable Housing Quotas on Housing Markets."

PUBLICATIONS

Daum, K. L., Hansen, W. D., Gellman, J., Plantinga, A. J., Jones, C., & Trugman, A. T. (2024). "Do Vegetation Fuel Reduction Treatments Alter Forest Fire Severity and Carbon Stability in California Forests?" *Earth's Future*, 12(3), e2023EF003763. **Main article. Appendix.**

Gellman, J., Walls, M., & Wibbenmeyer, M. (2022). “Wildfire, Smoke, and Outdoor Recreation in the Western United States.” *Forest Policy and Economics*, 134, 102619. **Main article. Appendix.**

Seto, D., Jones, C., Trugman, A., Varga, K., Plantinga, A., Carvalho, L., Thompson, C., Gellman, J., & Daum, K. (2022). “Simulating Potential Impacts of Fuel Treatments on Fire Behavior and Evacuation Time of the 2018 Camp Fire in Northern California.” *Fire*, 5(2), 37. **Main article. Appendix.**

RESEARCH EXPERIENCE

Earth Research Institute, Santa Barbara, CA 2020 - 2023
Graduate Student Researcher

Resources for the Future, Washington, DC 2019
Research Intern

McCullough Research, Portland, OR 2015 - 2017
Research Associate

Earth Economics, Tacoma, WA 2012 - 2013, 2014 - 2015
Research Assistant

TEACHING EXPERIENCE

University of Alaska Anchorage 2024
Instructor

Courses:
Principles of Microeconomics, Undergrad 2024 - present

University of California, Santa Barbara 2018 - 2020
Teaching Assistant

Courses:
Intermediate Micro Theory, Undergrad (Prof. Sevgi Yuksel, Prof. Cheng-Zhong Qin) 2019 - 2020
Statistics for Economics, Undergrad (Lect. Brian Wainwright) 2019
Intro to Econometrics, Undergrad (Prof. Clément de Chaisemartin) 2019
Natural Resource Economics, Master’s (Prof. Andrew Plantinga) 2018

Académie de Rouen, Le Havre, France 2013 - 2014
Assistant de Langues

Courses:
English, 4ème - 3ème (Prof. Paule Rocher-Ferchaud, Prof. Jean-Marc Cosseron) 2013 - 2014

PRESENTATIONS AND WORKSHOPS

FHFA Econ. Summit on Climate Risk, discussant 2024 (expected)
NBER Summer Institute in Env. and Energy Econ., invited attendee 2024 (expected)
AERE at Western Economic Association, presenter 2024
AERE Summer Conference, presenter 2024
USDA W5133 Env. Econ. Annual Meeting, presenter 2024
TWEEDS, lightning talk 2023
NBER Summer Institute in Env. and Energy Econ., invited attendee 2023
Occasional Workshop in Env. Econ. at UCSB, egg timer 2023
AERE OSWEET, presenter 2023
NBER Summer Institute in Env. and Energy Econ., invited attendee 2022

Santa Barbara County Fire Safe Council, flash talk	2022
AERE Summer Conference, presenter	2021
Berkeley Summer School in Env. and Energy Econ., egg timer	2020
UCSB EcoDataScience, presenter	2020

HONORS AND AWARDS

United Academics Faculty Development Grant	2023
UCSB Academic Senate Outstanding Teaching Assistant Award, Nominee	2021
UCSB Graduate Student Internship Fellowship	2019
Bren School Fellowship	2017 - 2019
Phi Beta Kappa	2013

SERVICE

Refereeing:

Journal of Environmental Economics and Management
Land Economics
American Journal of Agricultural Economics
PLOS One
International Journal of Disaster Risk Reduction

Committees:

UAA Economics Seminar Committee	2024 - present
Bren School Antiracist Caucus, Participant	2020 - 2023
Bren School Ph.D. Research Symposium, MC	2019; 2023
Bren School Seminar Speaker Committee	2021 - 2022
UCSB Env. Econ. Reading Group, Participant (2018-21), Co-Organizer (2021-22)	2018 - 2022
UC Student Researchers United, UAW 2865, Department Organizer	2020 - 2021
Bren School Ph.D. Events Committee ("GDC")	2019 - 2020

MEMBERSHIP

American Economic Association	2020 - present
Association of Environmental and Resource Economists	2020 - present
Alliance Française de Washington DC	2019
Alliance Française de Portland	2016 - 2018

SKILLS

R, Stata, Python, Matlab, SQL, L^AT_EX, ArcGIS, QGIS, Google Cloud Platform.

LANGUAGES

English (native), French (advanced, C1). Citizenship: United States.