

Jacob Gellman

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ACADEMIC APPOINTMENTS

University of Alaska Anchorage Postdoctoral Fellow, Department of Economics	2023 - present
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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: <i>Summa Cum Laude</i> , Honors in Economics	2013

WORKING PAPERS

Gellman, J., Walls, M., & Wibbenmeyer, M. (2024). "Welfare Losses from Wildfire Smoke: Evidence from Daily Outdoor Recreation Data." RFF Working Paper No. 23-21. Revise and Resubmit, Journal of Environmental Economics and Management. [Article](#).

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." NBER Working Paper No. 32625. [Article](#).

Gellman, J., Hennighausen, H., Watson, B., & Berry, K. (2024). "The Cost of Hurricane Evacuations." [Article](#).

WORKS IN PROGRESS

Garcia, A., Gellman, J., & Lee, M. "Urban Tree Loss and Social Outcomes."

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."

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

PUBLICATIONS

Gellman, J., & Wibbenmeyer, M. (2025). "Wildfire Smoke in the United States." RFF Working Paper No. 24-04. Review of Environmental Economics and Policy, 19(1). [Article](#).

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.” RFF Working Paper 21-22. 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 and awards:

UAA College of Business and Public Policy Economics Teaching Award 2024
Principles of Microeconomics, undergrad 2024

University of California, Santa Barbara 2018 - 2020
Teaching Assistant

Courses and awards:

UCSB Academic Senate Outstanding Teaching Assistant Award, nominee 2021
EcoDataScience: Spatial analysis in R using the sf package, graduate seminar 2020
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 Langue

Courses:

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

PRESENTATIONS AND WORKSHOPS

University of Hawaii, presenter 2025 (expected)
Middlebury College, presenter 2025 (expected)
USDA W5133 Env. Econ. Annual Meeting, presenter 2025 (expected)
FHFA Econ. Summit on Climate Risk, discussant 2024

NBER Summer Institute in Env. and Energy Econ., invited attendee	2024
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
UCSB Occasional Workshop in Env. Econ., 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
UC Berkeley Summer School in Env. and Energy Econ., egg timer	2020

SERVICE

Refereeing:

American Journal of Agricultural Economics, Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, International Journal of Disaster Risk Reduction, Land Economics, PLOS One.

Committees:

UAA Economics Seminar Committee, co-organizer	2024 - present
UCSB Bren School Antiracist Caucus, participant	2020 - 2023
UCSB Bren School Ph.D. Research Symposium, MC	2019; 2023
UCSB Bren School Seminar Speaker Committee, co-organizer	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
UCSB Bren School Ph.D. Events Committee (“GDC”), participant	2019 - 2020

AWARDS

United Academics Faculty Development Grant (\$2,500)	2024
Arnold Ventures (\$149,797)	2024
United Academics Faculty Development Grant (\$2,500)	2023
UCSB Graduate Student Internship Fellowship (\$2,000)	2019
UCSB Bren School Fellowship (\$111,000)	2017

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.