

# Jacob Gellman

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Updated October 2024

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

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](#).

Gellman, J., & Wibbenmeyer, M. (2024). "Wildfire Smoke in the United States." RFF Working Paper No. 24-04. Forthcoming, Review of Environmental Economics and Policy. [Article](#).

## WORKS IN PROGRESS

Gellman, J., Hennighausen, H., Watson, B., & Berry, K. "The Cost of Hurricane Evacuations."

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

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 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 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  
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

## SERVICE

### *Refereeing:*

Journal of Environmental Economics and Management	2024
Land Economics	2024
American Journal of Agricultural Economics	2024
PLOS One	2023
International Journal of Disaster Risk Reduction	2023

### *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

## 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<sup>A</sup>T<sub>E</sub>X, ArcGIS, QGIS, Google Cloud Platform.

## LANGUAGES

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