

Jacob Gellman

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RESEARCH INTERESTS

The economics of land use, wildfire, and housing.

EDUCATION

University of California, Santa Barbara

Expected: 2023

Ph.D., Environmental Science & Management

Committee: Andrew Plantinga, Olivier Deschênes, Kelsey Jack, Max Moritz

Fields: Environmental and Resource Economics, Econometrics, Public Economics

University of Puget Sound, Tacoma, WA

2013

B.A., Economics; Minor, French

Advisor: David J. Lewis

Honors: *Summa Cum Laude*, Honors in Economics

PUBLICATIONS

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.**

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.**

WORKS IN PROGRESS

Gellman, J., Walls, M., & Wibbenmeyer, M. "Willingness to pay to avoid wildfire smoke: evidence from administrative recreation data."

Boomhower, J., Fowlie, M., Gellman, J., & Plantinga, A. "Wildfire risk modeling and homeowners insurance regulation in California."

Daum, K., Gellman, J., Hansen, W., Plantinga, A., Jones, C., & Trugman, A. "Regional-scale impacts of fuels management protocols on forest structure and fire cycle in California's Sierra Nevada mountains."

Gellman, J. "Effects of affordable housing quotas on housing markets."

RESEARCH EXPERIENCE

Earth Research Institute, Santa Barbara, CA

2020 - present

Graduate Student Researcher

Resources for the Future, Washington, DC

2019

Research Intern

McCullough Research, Portland, OR

2015 - 2017

Research Associate

Earth Economics, Tacoma, WA
Research Assistant

2012 - 2013, 2014 - 2015

TEACHING EXPERIENCE

University of California, Santa Barbara
Teaching Assistant

2018 - 2020

Courses:

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

Académie de Rouen, Le Havre, France
Assistant de Langues

2013 - 2014

Courses:

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

AERE Summer Conference	2021
Berkeley/Sloan Summer School in Environmental and Energy Economics (egg timer)	2020
EcoDataScience, UCSB	2020

HONORS AND AWARDS

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

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

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.