

Jacob Gellman

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RESEARCH INTERESTS

The economics of wildfire, land use, 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

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.**

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:

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
Assistant de Langues

2013 - 2014

Courses:

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

2013 - 2014

PRESENTATIONS

AERE Summer Conference

2021

Berkeley/Sloan Summer School in Env. and Energy Econ. (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.