

# Jacob Gellman

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## RESEARCH INTERESTS

The economics of land use, wildfire, and housing.

## EDUCATION

**University of California, Santa Barbara** 2017 - 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** 2009 - 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 PREPARATION

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

Daum, K., Gellman, J., Trugman, A., & Plantinga, A. Dynamic tradeoffs of vegetation management regimes to mitigate wildfire risk.

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

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

## POLICY BRIEFS

Benzarti, Y., Gellman, J., & Robinson, S. (2020). University of California Police Department: History and current issues.

## RESEARCH EXPERIENCE

<b>Earth Research Institute</b> , Santa Barbara, CA Graduate Student Researcher	2020 - present
<b>Resources for the Future</b> , Washington, DC Research Intern	2019
<b>McCullough Research</b> , Portland, OR Research Associate	2015 - 2017
<b>Earth Economics</b> , Tacoma, WA Research Assistant	2012 - 2013, 2014 - 2015

## TEACHING EXPERIENCE

<b>University of California, Santa Barbara</b> Teaching Assistant	2018 - 2020
<i>Courses:</i>	
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
<b>Académie de Rouen</b> , Le Havre, France Assistant de Langues	2013 - 2014
<i>Courses:</i>	
English, 4ème - 3ème (Prof. Paule Rocher-Ferchaud, Prof. Jean-Marc Cosseron)	2013 - 2014

## 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

## SKILLS

R, Stata, Python, Matlab, SQL, L<sup>A</sup>T<sub>E</sub>X, ArcGIS, QGIS, Google Cloud Platform.

## ORGANIZATIONS

Bren School Seminar Speaker Committee	2021 - present
American Economic Association	2020 - present
Association of Environmental and Resource Economists	2020 - present

UC Student Researchers United, UAW 2865, Department Organizer	2020 - 2021
KCSB 91.9 FM Santa Barbara, DJ	2019 - 2020
Bren School Ph.D. Events Committee (“GDC”)	2019 - 2020
Bren School Ph.D. Research Symposium, MC	2019
Alliance Française de Washington DC	2019
Alliance Française de Portland	2016 - 2018
KUPS 90.1 FM Tacoma, DJ	2011 - 2012

## LANGUAGES

English (native), French (advanced, C1).