

# Jacob Gellman

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Updated July 2022

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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.**

## WORK 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., Trugman, A., & Plantinga, A. "Dynamic tradeoffs of vegetation management regimes to mitigate wildfire risk."

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

## LANGUAGES

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