

# Jacob Gellman

3031 Bren Hall  
University of California  
Santa Barbara, CA 93106-5131

gellman@ucsb.edu  
jacobgellman.com  
Updated January 2023

---

## 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

## JOB MARKET PAPER

Gellman, J., Walls, M., & Wibbenmeyer, M. “Non-market damages of wildfire smoke: evidence from administrative recreation data.” [Link](#).

## 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

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)  
Statistics for Economics, Undergrad (Lect. Brian Wainwright)  
Intro to Econometrics, Undergrad (Prof. Clément de Chaisemartin)  
Natural Resource Economics, Master's (Prof. Andrew Plantinga)

2019 - 2020  
2019  
2019  
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 AND WORKSHOPS

NBER Summer Institute, invited attendee  
Santa Barbara County Fire Safe Council, flash talk  
AERE Summer Conference, presenter  
Berkeley/Sloan Summer School in Env. and Energy Econ., egg timer  
EcoDataScience, UCSB, presenter

2022  
2022  
2021  
2020  
2020

## HONORS AND AWARDS

UCSB Academic Senate Outstanding Teaching Assistant Award, Nominee  
UCSB Graduate Student Internship Fellowship  
Bren School Fellowship  
Phi Beta Kappa

2021  
2019  
2017 - 2019  
2013

## SERVICE

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

2020 - present  
2018 - present  
2021 - 2022  
2020 - 2021  
2019 - 2020  
2019

## MEMBERSHIP

American Economic Association  
Association of Environmental and Resource Economists  
Alliance Française de Washington DC  
Alliance Française de Portland

2020 - present  
2020 - present  
2019  
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.

## REFERENCES

### *Dissertation committee:*

Andrew Plantinga (chair), [plantinga@ucsb.edu](mailto:plantinga@ucsb.edu)

Olivier Deschênes, [olivier@econ.ucsb.edu](mailto:olivier@econ.ucsb.edu)

Kelsey Jack, [kelseyjack@ucsb.edu](mailto:kelseyjack@ucsb.edu)

Max Moritz, [mmoritz@bren.ucsb.edu](mailto:mmoritz@bren.ucsb.edu)

### *Coauthors:*

Judson Boomhower, [jboomhower@ucsd.edu](mailto:jboomhower@ucsd.edu)

Meredith Fowlie, [fowlie@berkeley.edu](mailto:fowlie@berkeley.edu)

Margaret Walls, [walls@rff.org](mailto:walls@rff.org)

Matthew Wibbenmeyer, [wibbenmeyer@rff.org](mailto:wibbenmeyer@rff.org)

### *Placement director:*

Erik Eyster, [erikeyster@ucsb.edu](mailto:erikeyster@ucsb.edu)

### *Graduate administrator:*

Mark Patterson, [markpatterson@ucsb.edu](mailto:markpatterson@ucsb.edu)