

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

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. 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 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

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

TEACHING EXPERIENCE

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| University of California, Santa Barbara 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 |
| Académie de Rouen , 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

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

HONORS AND AWARDS

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|--------------------------------------------------------------------|-------------|
| 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^AT_EX, ArcGIS, QGIS, Google Cloud Platform.

ORGANIZATIONS

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

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| 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).