

Joel Ferguson

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Department of Agricultural and Resource Economics
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EDUCATION

PhD, Agricultural and Resource Economics August 2018 – Present

University of California, Berkeley; Berkeley, CA
Fields: Development Economics, Economic Geography, Trade, Environmental Economics
Designated Emphasis: Development Engineering
Advisor: Marco Gonzalez-Navarro

MS, Agricultural and Resource Economics August 2018 – May 2020

University of California, Berkeley; Berkeley, CA
Major Field: Development Economics, Minor Field: International Economics

BS, Economics August 2012 – May 2016

Tulane University; New Orleans, LA Overall GPA: 3.932
Minors (Minor GPA): Mathematics (4.000), Portuguese (3.957)

PEER-REVIEWED PUBLICATIONS

"Marketing and Technology Adoption and Diffusion" (with Amir Heiman, David Zilberman), *Applied Economics: Perspectives & Policy* 42(1) (2020)

WORKS IN PROGRESS

"Unlocking the Chinese Miracle with Historical Satellites" (with Oliver Kim)

"Paths to Peace or Roads to War? Market Integration and Conflict"

"Conservation Agriculture, Residue Burning, and Urban Infant Mortality: Evidence from Mexico" (with Bram Govaerts)

GRANTS AND FELLOWSHIPS

CEGA Development Challenge Grant (w/ Oliver Kim, \$14,000)	2021
InFEWS NSF Fellowship Funding (\$34,000 + 1 year tuition & fees)	2020
Federal Language and Area Studies Fellowship (Brazil; \$10,000)	2014

OTHER PUBLICATIONS

"Incorporating High-Frequency Weather Data into Consumption Expenditure Predictions" (with Anders Christensen and Simón Ramírez Amaya), *NeurIPS ML4D Proceedings* forthcoming

"Energy Prices, the Financial Crisis, and their Implications for Land Policies in California" (with JunJie Wu, Steven Sexton, David Zilberman), *ARE Update* 22(6) (2019)

RESEARCH EXPERIENCE

RA at BITSS	January 2020 – August 2020, January 2022 – Present
RA for Elisabeth Sadoulet	January 2020 – August 2020
RA for David Zilberman	June 2019 – December 2019
RA for Edward Miguel	May 2019 – August 2019
Research Fellow (full time) For Daniel Kessler	November 2016 – July 2018
RA for Sean Higgins	August 2016 – June 2017

TEACHING EXPERIENCE

TA for ARE 210: PhD Probability and Statistics	Fall 2021
TA for ARE 213: PhD Applied Econometrics and Causal Inference	Fall 2021

AWARDS AND HONORS

InFEWS Fellowship	2019
Summa Cum Laude Graduation Honors	2016
Tulane Undergraduate Mathematical Economics Award	2016
Phi Beta Kappa Honor Society	2016

PRESENTATIONS

NeurIPS ML4D (Dec. 2021), AERE Summer Conference (Jun. 2021), CGIAR SPIA Webinar Series (May 2021), Pacific Conference for Development Economics (Mar. 2021), OSWEET (Feb. 2021), Young Economist Symposium (Aug. 2020), Giannini Foundation of Agricultural and Resource Economics Student Conference (Apr. 2020)

PROFESSIONAL AFFILIATIONS

Association of Environmental and Resource Economists

SERVICE

Berkeley Economists for Equity High School Outreach Committee	2021-Present
UC Berkeley ARE Faculty Search Committee Student Representative	2021-Present
UC Berkeley ARE PhD Admissions Committee	2020-2021
UC Berkeley ARE Diversity, Equity, and Inclusion Undergraduate Outreach Subcommittee	2020-Present
InFEWS Student Council	2020-Present

SKILLS

Python/Pandas, R, Google Earth Engine, QGIS, Stata, SQL/POSTGRES, \LaTeX