

**SHUO YU**

<b>Contact Information</b>	207 Giannini Hall, UC Berkeley, Berkeley, CA 94720 <a href="mailto:shuoy@berkeley.edu">shuoy@berkeley.edu</a> <a href="https://shuoy528.github.io/">https://shuoy528.github.io/</a> +1 (626) 241-3271		
<b>Doctoral Studies</b>	University of California, Berkeley Ph.D., Agricultural and Resource Economics, Expected completion May 2026  PRIMARY FIELDS: Agricultural Economics SECONDARY FIELDS: Environmental and Energy Economics, Empirical Industrial Organization		
<b>Prior Education</b>	Cornell University	M.S. Applied Economics and Management	2019
	University of International Business and Economics	B.A. Economics & B.A. Accounting	2017
<b>Job Market Paper</b>	“Social Returns to Conservation: Incentives for Cover Crops and Water Quality in the Midwest” ( <a href="#">Working Paper</a> )		
<b>Working Papers</b>	“Short-Term Impact of the Trade War on U.S. Agricultural Commodities Futures Prices” [Draft available upon request]  “Proactive Adaptation to Wildfires: Evidence from California Cities” with Wei Guo, Shan Zhou, and Qing Miao [Draft available upon request]		
<b>Publication</b>	<b>Yu, Shuo*</b> , Nicola Falco, Nivedita Patel, Yuxin Wu, and Haruko Wainwright. "Diverging climate response of corn yield and carbon use efficiency across the US." <i>Environmental Research Letters</i> 18, no. 6 (2023): 064049. ( <a href="#">Open Access Version</a> ) * First and Corresponding Author		
<b>Research in Progress</b>	“Designing Insurance for Climate Change: The Case of the U.S. Federal Crop Insurance Program” with Francis Annan, Shresth Garg, and Sagar Saxena. [Writing Draft]  “Optimal Management of Spotted Wing Drosophila in U.S. Blueberry Production: A Dynamic Structural Model with Unobserved Heterogeneity” with Miguel I. Gómez, Philip Fanning, Rufus Isaacs, Sergio Puerto Gonzalez, and C.-Y. Cynthia Lin Lawell. [Model development and empirical analysis in progress]  “Paying Smallholder Farmers to Increase Carbon Sequestration by Changing Agricultural Practices: Evidence from Odisha” with Aprajit Mahajan and Sayantan Mitra. [Pilot completed; RCT in progress]  “Cover Crop Detection in the Midwest with Satellite Data” with Kangogo Sogomo, Yanghui Kang, Lawson Connor, Brookie Guzder-Williams, and Timothy Bowles. [Writing draft]  “Siting Solar on Farms: Land Use Tradeoffs and Agricultural Impacts” with Sara Johns. [Analysis in progress]		

<b>Grants, Fellowships, and Awards</b>	2025	Weiss Fund for Research in Development Economics	\$49,911
		ARE Travel Grant	\$2,700
		AAEA Section Travel Grant	\$500
		Giannini Mini-Grant (Co-PI with Jeffrey Perloff)	\$35,000
	2024	UC Berkeley Opportunity Lab Fellowship	\$7,500
		J-PAL K-CAI Full-scale Randomized Evaluations (Co-PI with Aprajit Mahajan and Sayantan Mitra)	\$225,000
		Giannini Mini-Grant (Co-PI with Jeffrey Perloff)	\$20,000
		PEDL Climate Change Exploratory Research Grant (Co-PI with Aprajit Mahajan and Sayantan Mitra)	£35,480
		Graduate Division Conference Travel Grant ×2	\$1,800
		AAEA PC52 Post Conference Workshop Travel Grant	\$1,000
	2023	CEGA Development Economics Challenge Grant	\$8,027
		The Katherine S. and James K. Lau Graduate Fellowship in Climate Equity	\$2,200
		Bioversity International CGIAR (Co-PI with Aprajit Mahajan and Sayantan Mitra)	\$50,452
		Giannini Mini-Grant (Co-PI with Francis Annan)	\$35,000
	2022	ARE Giannini Fellowship	\$23,635
		ARE Data Grant	\$897
		ARE Graduate Student Travel Grant	\$1,500
		J-PAL ATAI Pilot Grant (Co-PI with Aprajit Mahajan and Sayantan Mitra)	\$74,830
		Giannini Mini-Grant (Co-PI with Ellen Bruno)	\$30,000
	2021	J-PAL K-CAI Pilot Grant (Co-PI with Aprajit Mahajan and Sayantan Mitra)	\$74,991
		Giannini Mini-Grant (Co-PI with Jeffrey Perloff and Sara Johns)	\$30,000
	2020	Graduate Remote Instruction Innovation Fellowship	\$2,000
		ARE Summer Award	\$4,000
		Giannini Mini-Grant (Co-PI with Jeffrey Perloff)	\$30,000
	2019	Graduate Division Power Top-Off Awards	\$3,500
	Earlier	National Scholarship	\$1,220
		First-class Scholarship (×4)	\$920
		Honorable Mention in Mathematical Contest in Modeling	
		University Outstanding Student Leader Award	
		University Outstanding Project Award	
<b>Teaching</b>	UC Berkeley	Agricultural and Environmental Policy	2026
		GSI for Professor Aaron Smith	
	UC Berkeley	Advanced Topics in Environmental and Resource Economics	2025
		GSI for Professor Aaron Smith	
	UC Berkeley	Introductory Applied Econometrics	2023
		GSI for Professor Aprajit Mahajan	
	UC Berkeley	Microeconomic Theory with Application to Natural Resources	2021
		GSI for Professor Jeffrey Perloff	

Talks	2025	WU Vienna University of Economics and Business, Research Seminar in Economics (Vienna, Austria)	
		SEA Annual Meeting (New Orleans, LA)	
		Heartland Environmental and Resource Economics Workshop (University of Illinois, Urbana-Champaign, Champaign, IL)	
		INFORMS Annual Meeting, Job Market Showcase Cluster (Atlanta, GA)	
		University of San Francisco, Economics Seminar Series (San Francisco, CA)	
		Camp Resources XXXI (Asheville, NC)	
		AAEA & WAEA Joint Annual Meeting (Denver, CO)	
		WEAI Annual Conference (San Francisco, CA)	
		AERE Annual Summer Conference (Santa Ana Pueblo, NM)	
		Summer School on Environmental Data Collection and Analysis for the Social Sciences (École Polytechnique, Paris, France)	
		Leo Simon ANR Seminar (UC Berkeley, Department of Agricultural and Resource Economics)	
		Resilient Community Food Systems Conference (UC Berkeley)	
		CES North American Conference (University of Michigan, Ross School of Business, Ann Arbor, MI)	
	2024	EREE Student Workshop (UC Berkeley, Department of Agricultural and Resource Economics)	
		Invited Guest Lecture, Graduate Course in Agricultural Economics (Auburn University)	
		EEE-fest (UC Berkeley)	
		AAEA Annual Meeting (New Orleans, LA)	
	2023	NAREA Annual Meeting (Rehoboth Beach, DE)	
		Interdisciplinary Workshop in Sustainable Development (Columbia University, New York, NY)	
	2020	Giannini Foundation of Agricultural and Resource Economics Student Conference (UC Berkeley)	
EREE Student Workshop (UC Berkeley, Department of Agricultural and Resource Economics)			
	Giannini Foundation of Agricultural and Resource Economics Student Conference (UC Davis)		
	AGU Fall Meeting (San Francisco, CA)		
Research Experience	UC Berkeley, Graduate Student Researcher (Jeffrey M. Perloff)	2025 - 2026	
	UC Berkeley, Graduate Student Researcher (Francis Annan)	2023 - 2024	
	UC Berkeley, Graduate Student Researcher (Aprajit Mahajan)	2023	
	UC Berkeley, Graduate Student Researcher (Ellen Bruno)	2022 - 2023	
	UC Berkeley, Graduate Student Researcher (Jeffrey M. Perloff)	2019 - 2022	
	Lawrence Berkeley National Laboratory, Graduate Student Researcher (Haruko Wainwright)	2020 - 2021	
	Cornell University, Graduate Research Assistant (Miguel I. Gómez)	2018 - 2019	
	Cornell University, Graduate Research Assistant (C.-Y. Cynthia Lin Lawell)	2018 - 2019	
	Cornell University, Graduate Research Assistant (David R. Just)	2017	
	University of International Business and Economics, Research Assistant (Wei Tian)	2015 - 2016	
Refereeing	2025 AAEA & WAEA Joint Annual Meeting, AERE 2025 Summer Conference, AERE-SEA 2025 Annual Meeting, BioResources, Artificial Intelligence for the Earth Systems		
Service	2024 - 2025	Undergraduate Honors Thesis Advisor: Kavina T. Peters, EEP Major, UC Berkeley	
	2024 - 2025	Mentor: <a href="#">Energy and Environmental Economics Mentoring Program</a> , Opportunity Lab and Energy Institute at Haas School of Business, UC Berkeley	
	2023 - 2024	Co-Organizer: <a href="#">14th</a> and <a href="#">15th</a> Annual Giannini Foundation of Agricultural and Resource Economics Student Conference	
	2023 - 2024	Mentor: <a href="#">Sponsored Projects for Undergraduate Research (SPUR)</a>	
	2023 - 2024	Mentor: <a href="#">IRLE Social Sciences Research Pathways (SSRP)</a>	
	2022 - 2023	ARE PhD Admissions Committee	
Skills	Python, R, Google Earth Engine, QGIS, Stata, Latex		

**References**

Professor Jeffrey Perloff (Chair)  
jperloff@berkeley.edu  
+1 (510) 390-4720  
Department of Agricultural  
& Resource Economics

Professor Aaron Smith  
aaronsmith@berkeley.edu  
Department of Agricultural  
& Resource Economics

Professor Brian Wright  
bwright@berkeley.edu  
+1 (510) 642-3345  
Department of Agricultural  
& Resource Economics

Professor Joseph S. Shapiro  
joseph.shapiro@berkeley.edu  
+1 (510) 859-4551  
Department of Agricultural  
& Resource Economics

Professor Aprajit Mahajan  
aprajit@gmail.com  
+1 (650) 308-8137  
Department of Agricultural  
& Resource Economics

**Placement  
Officers**

Professor Sofia Villas-Boas  
sberto@berkeley.edu  
+1 (510) 409-4341

Professor Marco Gonzalez-Navarro  
marcog@berkeley.edu  
+1 (510) 642-3345

Diana Lazo  
lazo@berkeley.edu  
+1 (510) 642-3345