

SHUO YU

Contact Information	207 Giannini Hall, UC Berkeley, Berkeley, CA 94720 shuoy@berkeley.edu https://shuoy528.github.io/ +1 (626) 241-3271		
Doctoral Studies	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		
Prior Education	Cornell University	M.S. Applied Economics and Management	2019
	University of International Business and Economics	B.A. Economics & B.A. Accounting	2017
Job Market Paper	“Social Returns to Conservation: EQIP, Cover Crops, and Water Quality in the Midwest” (JOB MARKET PAPER) [<i>Draft forthcoming</i>]		
Working Papers	“Short-Term Impact of the Trade War on U.S. Agricultural Commodities Futures Prices” [<i>Draft available upon request</i>]		
Publication	Yu, Shuo* , 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. (Open Access Version) * <i>First and Corresponding Author</i>		
Research in Progress	“Designing Insurance for Climate Change: The Case of the U.S. Federal Crop Insurance Program” with Francis Annan, Shresth Garg, and Sagar Saxena. [<i>Model development</i>] “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. [<i>Model development</i>][<i>Draft available upon request</i>] “Paying Smallholder Farmers to Increase Carbon Sequestration by Changing Agricultural Practices: Evidence from Odisha” with Aprajit Mahajan and Sayantan Mitra. [<i>Pilot completed; RCT scheduled Nov 2025</i>] “Cover Crop Detection in the Midwest with Satellite Data” with Kangogo Sogomo, Yanghui Kang, Lawson Connor, Brookie Guzder-Williams, and Timothy Bowles. [<i>Writing draft</i>] “Siting Solar on Farms: Land Use Tradeoffs and Agricultural Impacts” with Sara Johns. [<i>Analysis in progress</i>]		

Grants, Fellowships, and Awards	2025	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 (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

Teaching	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	SEA Annual Meeting (New Orleans, LA)*
		Heartland Environmental and Resource Economics Workshop (University of Illinois, Urbana-Champaign)*
		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)
		EREE Student Workshop (UC Berkeley, Department of Agricultural and Resource Economics)
	2024	Invited Guest Lecture, Graduate Course in Agricultural Economics (Auburn University)
		EEE-fest (UC Berkeley)
		AAEA Annual Meeting (New Orleans, LA)
		NAREA Annual Meeting (Rehoboth Beach, DE)
		Interdisciplinary PhD Workshop in Sustainable Development (Columbia University)
	2023	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)
	2020	AGU Fall Meeting (San Francisco, CA)

*Scheduled

Research Experience	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: Energy and Environmental Economics Mentoring Program , Opportunity Lab and Energy Institute at Haas School of Business, UC Berkeley	
	2023 - 2024	Co-Organizer: 14th and 15th Annual Giannini Foundation of Agricultural and Resource Economics Student Conference	
	2023 - 2024	Mentor: Sponsored Projects for Undergraduate Research (SPUR)	
	2023 - 2024	Mentor: IRLE Social Sciences Research Pathways (SSRP)	
	2022 - 2023	ARE PhD Admissions Committee	
Skills	Python, R, Google Earth Engine, QGIS, Stata, Latex		
References	<u>Professor Jeffrey Perloff</u> jperloff@berkeley.edu +1 (510) 390-4720 Department of Agricultural & Resource Economics	<u>Professor Joseph S. Shapiro</u> joseph.shapiro@berkeley.edu +1 (510) 859-4551 Department of Agricultural & Resource Economics	
	<u>Professor Aaron Smith</u> aaronsmith@berkeley.edu Department of Agricultural & Resource Economics	<u>Professor Brian Wright</u> bwright@berkeley.edu +1 (510) 642-3345 Department of Agricultural & Resource Economics	
Placement Officers	<u>Professor Sofia Villas-Boas</u> sberto@berkeley.edu +1 (510) 409-4341	<u>Professor Marco Gonzalez-Navarro</u> marcog@berkeley.edu +1 (510) 642-3345	<u>Diana Lazo</u> lazo@berkeley.edu +1 (510) 642-3345