

**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” (JOB MARKET PAPER) [ <i>Draft forthcoming</i> ]		
<b>Working Papers</b>	“Short-Term Impact of the Trade War on U.S. Agricultural Commodities Futures Prices” [ <i>Draft available upon request</i> ]		
<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> )		
<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. [ <i>Writing Draft</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> ]		

<b>Grants, Fellowships, and Awards</b>	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	
<b>Teaching</b>	UC Berkeley	Advanced Topics in Environmental and Resource Economics GSI for Professor Aaron Smith	2025
	UC Berkeley	Introductory Applied Econometrics GSI for Professor Aprajit Mahajan	2023
	UC Berkeley	Microeconomic Theory with Application to Natural Resources GSI for Professor Jeffrey Perloff	2021
<b>Talks</b>	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) NAREA Annual Meeting (Rehoboth Beach, DE) Interdisciplinary Workshop in Sustainable Development (Columbia University, New York, NY) Giannini Foundation of Agricultural and Resource Economics Student Conference (UC Berkeley) EREE Student Workshop (UC Berkeley, Department of Agricultural and Resource Economics)	

2023 Giannini Foundation of Agricultural and Resource Economics Student Conference (UC Davis)  
 2020 AGU Fall Meeting (San Francisco, CA)

\*Scheduled

<b>Research Experience</b>	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

<b>References</b>	<u>Professor Jeffrey Perloff (Chair)</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 Aprajit Mahajan</u> aprajit@gmail.com +1 (650) 308-8137 Department of Agricultural & Resource Economics
	<u>Professor Brian Wright</u> bwright@berkeley.edu +1 (510) 642-3345 Department of Agricultural & Resource Economics	

<b>Placement Officers</b>	<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