

SHUO YU

Contact Information	207 Giannini Hall, UC Berkeley, Berkeley, CA 94720	
	Email: shuoy@berkeley.edu	
	Phone: (626) 241-3271	
	Web: https://shuoy528.github.io/	
Doctoral Studies	University of California, Berkeley	
	Ph.D., Agricultural and Resource Economics, Expected completion May 2026	
	PRIMARY FIELDS: Agricultural Economics, Environmental and Energy Economics	
	SECONDARY FIELDS: 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
Working Papers	<p>“Payment for Ecosystem Services, Cover Cropping, and Surface Water Quality: Evidence from the Midwest” (JOB MARKET PAPER)</p> <p>“Short-Term Impact of the Trade War on U.S. Agricultural Commodities Futures Prices”</p>	
Publication	<p>Yu, Shuo*, Nicola Falco, Nivedita Patel, Yuxin Wu, and Haruko Wainwright. "Diverging climate response of corn yield and carbon use efficiency across the US." Environmental Research Letters 18, no. 6 (2023): 064049. (Open Access Version)</p> <p>* First and Corresponding Author</p>	
Research in Progress	<p>“Designing Insurance under Climate Change” with Francis Annan and Sagar Saxena. [<i>Model development stage</i>]</p> <p>“Sitting Solar on Farms” with Sara Johns. [<i>Analysis stage</i>]</p> <p>“Optimal SWD Management in Michigan and North Carolina Blueberry: 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 stage</i>][<i>Draft available upon request</i>]</p> <p>“Paying Smallholder Farmers to Increase Carbon Sequestration by Changing Agricultural Practices: Evidence from Odisha” with Aprajit Mahajan and Sayantan Mitra. [<i>piloting completed, full RCT to start in 2025</i>]</p> <p>“Harmonizing Soil Carbon Science and Policy to Meet Climate Goals” with Pranjal Dwivedi, Micah Elias, Allegra Mayer, Charlotte Kwong, Anna Abramova, Tyler Anthony, Tibusay Perez, Vrashabh Kapate, Sangcheol Moon, Jacqueline Gerson, and Whendee Silver. [<i>Writing stage</i>]</p>	
Research Experience	UC Berkeley, Graduate Student Researcher (Francis Annan)	2023 - present
	UC Berkeley, Graduate Student Researcher (Jeffrey M. Perloff)	2019 - present
	UC Berkeley, Graduate Student Researcher (Aprajit Mahajan)	2023
	UC Berkeley, Graduate Student Researcher (Ellen Bruno)	2022 - 2023
	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 Associate (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

Grants, Fellowships, and Awards	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 (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	J-PAL ATAI Pilot Grant (Co-PI with Aprajit Mahajan and Sayantan Mitra, \$74,830), ARE Graduate Student Travel Grant (\$1,500), 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	Introductory Applied Econometrics GSI for Professor Aprajit Mahajan	2023
	UC Berkeley	Microeconomic Theory with Application to Natural Resources GSI for Professor Jeffrey Perloff	2021
Talks	2024	EEE-fest (UC Berkeley) AAEA Annual Meeting (New Orleans) NAREA Annual Meeting (Rehoboth Beach) Interdisciplinary PhD Workshop in Sustainable Development (Columbia University) Giannini Foundation of Agricultural and Resource Economics Student Conference (UC Berkeley)	
	2023	Giannini Foundation of Agricultural and Resource Economics Student Conference (UC Davis)	
	2020	AGU Fall Meeting (San Francisco)	
Refereeing	<i>BioResources, Artificial Intelligence for the Earth Systems</i>		
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		
Languages	Mandarin (native), English (fluent)		