

SHUO YU

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| Contact Information | 207 Giannini Hall, UC Berkeley, Berkeley, CA 94720 shuoy@berkeley.edu Personal Website +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.” Environmental Research Letters 18, no. 6 (2023): 064049. (Open Access Version) * First and Corresponding Author | | |
| Research in Progress | “Designing Insurance under Climate Change” with Francis Annan and Sagar Saxena. <i>[Model development stage]</i> “Sitting Solar on Farms” with Sara Johns. <i>[Analysis stage]</i> “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][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>[piloting completed, full RCT to start in 2025]</i> “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> | | |

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| 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 (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 | 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 | 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 |
| 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 |
| Talks | University of International Business and Economics, Research Assistant (Wei Tian) | | 2015 - 2016 |
| | 2025 | Leo Simon ANR Seminar (UC Berkeley) | |
| | | Resilient Community Food Systems Conference (UC Berkeley) | |
| | | CES North American Conference (Ross School of Business, University of Michigan) | |
| | 2024 | EREE Student Workshop (Department of Agricultural and Resource Economics, UC Berkeley) | |
| | | Invited Guest Lecture (Graduate Course in Agricultural Economics, Auburn University) | |
| | | EEE-fest (UC Berkeley) | |
| | | AAEA Annual Meeting (New Orleans) | |
| | | NAREA Annual Meeting (Rehoboth Beach) | |
| | 2023 | Interdisciplinary PhD Workshop in Sustainable Development (Columbia University) | |
| | | Giannini Foundation of Agricultural and Resource Economics Student Conference (UC Berkeley) | |
| | | EREE Student Workshop (Department of Agricultural and Resource Economics, UC Berkeley) | |
| | | Giannini Foundation of Agricultural and Resource Economics Student Conference (UC Davis) | |
| | 2020 | AGU Fall Meeting (San Francisco) | |
| 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