

Stephanie Hutson

UC San Diego Economics Department

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EDUCATION:

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| 2023-Present | PhD Economics, UC San Diego Candidacy expected Summer 2025, degree expected June 2028 Fields: Industrial Organization and Environment Chair: Mark Jacobsen |
| 2022-2023 | PhD Economics, University of North Carolina (Transferred to UC San Diego, 2023) |
| 2008-2012 | BS Environmental Science, University of Virginia |

WORKING PAPERS:

1. "Free Trade and the Environmental Impacts of Agriculture" (with Clark Lundberg)

WORKS IN PROGRESS:

2. "Dynamics of Queueing and Markups in a Face of Transient Demand Shocks: Evidence from Rooftop Solar"
3. "Firm Compliance Choices in the face of Policy Uncertainty"

ADDITIONAL INTERESTS:

- The impact of AI use on the distribution of educational attainment and firm labor requirements.
- How trade, comparative advantage, and international dispersion of knowledge impacts the economic state of countries going through de-industrialization.

RESEARCH EXPERIENCE

Research Assistant for Clark Lundberg, San Diego State University. 2021-2022 To understand the environmental implications of increased global trade, we investigate the impacts of trade liberalization on the application of chemical inputs to agriculture. To do this we conducted an event panel study centered around the implementation date of regional trade agreements and analyzed trends in fertilizer application. I was a part of all parts of the research process.

Research Assistant for Paige Weber, University of North Carolina Chapel Hill. 2023 I assisted on research on environmental and energy economics, understanding REC pricing through a literature review, data collection and data cleaning.

TEACHING EXPERIENCE

Teaching Assistant

UCSD:

Last Updated April 2025

- ECON 100B Microeconomics B
- ECON 105 Industrial Organization & Firm Strategy
- ECON 131 Economics of the Environment
- ECON 145 Economics of Ocean Resources

UNC:

- ECON 410 Intermediate Microeconomics
- ECON 455 Environmental Econ Theory

ACADEMIC SERVICES

2025 - Environmental Economics “Tea Time” Organizer

CONFERENCE APPERANCES

May 2025 (forthcoming) – Association of Environmental and Resource Economics Summer Conference. “Dynamics of Queueing and Markups in a Face of Transient Demand Shocks: Evidence from Rooftop Solar”

ADDITIONAL PROFESSIONAL EXPERIENCE

Senior Software Engineer, Fuse Integration, San Diego California, 2020-2022. Fuse Integration is a defense contractor working primarily with the US Navy. My role was to develop programs which interfaced with communications hardware and a GUI application used by naval pilots.

Senior Software and Data Engineer, Honor Technology, San Francisco California, 2016-2019. Honor Technology is a health care start up creating a network of home care providers and elderly clients and their families. While working for Honor, I built the foundations of the Data Science team, lead several months long projects with 2-3 other engineers and developed production level code for the front and back end.

Software Engineer, Shotput Inc, Oakland California 2016. Shotput Inc was a third-party fulfillment company to aid small businesses distributing their product. My role was to develop the backend application for use by small businesses and the shipping industry. A key output was a heuristic bin packing algorithm which was faster and more effective than existing bin packing algorithms at the time.

REFERENCES

- Mark Jacobsen, m3jacobsen@ucsd.edu
- Judd Boomhower, jboomhower@ucsd.edu