

Yi Wang

wang5263@purdue.edu
(765) 775-8186

Research Interests Agricultural/Food Economics, Industrial Organization

Education	Purdue University	Ph.D. Candidate, expected 2026
	University of California, Davis	Jun 2020
	M.S. in Agricultural and Resource Economics	
	China Three Gorges University	Jun 2019
	M.S. in Technology Economics and Management	
Research Experience	China Three Gorges University	Jun 2016
	B.M.S. in Logistics Management	
	Research Assistant	Since Jan 2025
	Advisor: Prof. Juan Pablo Sesmero, Purdue	
	<ul style="list-style-type: none">• NIFA project (ongoing)• Estimate structural models	
Research Experience	Research Assistant	Since Sep 2023
	Advisor: Prof. Meilin Ma & Juan Pablo Sesmero, Purdue	
	<ul style="list-style-type: none">• USDA OCE Beef project• Cleaned IRI/Administrative Data Research Facility (ADRF) data analysis using SQL• Visualized data using STATA, R, Python, and ArcGIS.	
	Research Assistant	May 2022 - Sep 2024
	Advisor: Prof. Meilin Ma, Purdue	
Research Experience	<ul style="list-style-type: none">• Cleansed and analyzed the Nielsen Retail Scanner and Consumer Panel data (focus on the US fresh meat market) with STATA and Python• Visualized the market entry of private labels with ArcGIS	
	Research Assistant	Aug 2021 - May 2023
	Advisors: Dr. Roberto Gallardo and Dr. Indraneel Kumar, Purdue Center for Regional Development	
	<ul style="list-style-type: none">• Performed regional industry & occupation clusters drill-down analysis• Built dashboards for EIRPC, NORTEX, and IARC regions	
	Case Study Team Member	Apr 2020 – Oct 2020
Research Experience	Advisor: Prof. Travis Lybbert, University of California, Davis	
	Growers' Supply Response to a Demand Shock in the California Wine Industry , University of California, Davis & Wonderful Nurseries	
	<ul style="list-style-type: none">• Cleansed, transformed, grouped, and screened quantitative and qualitative data via STATA and R• Evaluated programs using regression models with difference-in-difference estimators• Generated descriptive tables for interpretation and created publication-ready graphs using R with ggplot2• Built an interactive Google Sheets dashboard to aggregate and visualize growers' respond to market trends using advanced functions	
	Research Assistant	Dec 2016 – Jul 2018
	Advisor: Prof. Jianhua Zhao, China Three Gorges University	
Research Experience	Revision of Emergency Plan for Flood Control and Drought Relief , China Three Gorges University & Yichang Municipal Water Resources Bureau	
	<ul style="list-style-type: none">• Conducted literature reviews to synthesize possible indexes for early warning and response system	

- Collected and analyzed rainfall and water supply data to prepare for index construction
- Conducted field research in Zigui, Xiangyang, Yiling cities in Yichang
- Reviewed, summarized, and analyzed interview surveys to diagnose and identify pivotal factors in agricultural productivity and risk management

Research Assistant

Oct 2015 - Dec 2015

Advisor: Prof. Jianhua Zhao, China Three Gorges University

International Comparative Study of Rural Economic Organization Management System: A Case Study of Land System, China Three Gorges University & Yichang Association for Science and Technology

- Conducted a synthesized literature review of rural collective economic organizations both in developed and developing countries
- Wrote a policy brief and expanded it into a research article (in Chinese)

Research Assistant

Apr 2015 – Jul 2015

Advisor: Prof. Jianhua Zhao, China Three Gorges University

The Impact of Urbanization on Power Grid Company Operation and Development, China Three Gorges University, State Grid Hubei & Yi Chang Electric Power Company

- Collected and analyzed political, economic, social, technological, natural factors that might influence power grid company's operation
- Interpreted data from secondary sources using statistical techniques and provided weekly reports

Publications & Presentations

Peer-Reviewed

Consoli, Sarah, et al., 2022. A “Sideways” Supply Response in California Winegrapes. *Journal of Wine Economics* 17(1), 42-63.

Zhao, X., Wang, Y., and Daun, Y. 2018. Study on the effect of the employment structural adjustment on land transfer of reservoir resettlement — based on immigrants in south-to-north water diversion project. *Chinese*

Upcoming Presentations

AAEA 2025 Annual Meeting & EAAE 2025 Congress

Selected Poster: *Testing Vertical Relationships in the US Infant Formula Market: Implications for Government Costs and Welfare*

Teaching Experience

Instructor, Purdue

AGEC 516 Mathematical Tools for Agricultural & Applied Economics, Fall 2024

Average instructor rate: 4.67/5

PhD Math Camp, Instructor, Purdue, Summer 2024

Teaching Assistant, Purdue

AGEC 516 Mathematical Tools For Agricultural & Applied Economics, Fall 2022 & 2023

Teaching Assistant, University of California, Davis

Econometric Theory & Applications (ARE 106), Spring 2020

Awards & Honors

Nominee, College of Agriculture Graduate Student Excellence in Teaching Award, Purdue

2023 USDA AMS-GSS Competition Local Food Economics Data Visualization Challenge (in-person) Award 1st place

National Scholarship for Graduates funded by the Ministry of Education, PRC

National Scholarship for Undergraduates funded by Ministry of Education, PRC

First Level Scholarship funded by China Three Gorges University

Outstanding Undergraduate Thesis

Nominated for the First “Top Ten Outstanding Youth Awards”, College of Economics and Management, China Three Gorges University

Professional Development & Service

2025 AAEA Second Annual Teaching Academy Workshop, Denver, CO

2024 AAEA First Annual Teaching Academy Workshop, New Orleans, LA

Teaching Academy Webinars, Sep 2024 - May 2025

Academic Chair, Graduate Student Organization (GSO), Department of Agricultural

Economics, Purdue University, June 1st, 2023 - May 31st, 2024

Vice President, Graduate Student Organization (GSO), Department of Agricultural

Economics, Purdue University, June 1st, 2024 - May 31st, 2025