

EDUCATION	<b>Purdue University</b> <i>Ph.D. in Agricultural Economics</i> <b>University of California, Davis</b> <i>M.S. in Agricultural and Resource Economics</i> <b>China Three Gorges University</b> <i>M.S. in Technology Economics and Management</i> <b>China Three Gorges University</b> <i>B.M.S. in Logistics Management</i>	<i>expected May 2026</i>  June 2020  June 2019  June 2016
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JOB MARKET PAPER	<b>Testing Vertical Relationships in the U.S. Infant Formula Market: Implications for Government Costs and Welfare</b> <i>Abstract:</i> The U.S. Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) provides free infant formula to low-income households, serving around 39% of US infants and accounting for over half of all domestically sold formula—making it a substantial government expenditure. To reduce government costs, WIC awards exclusive contracts to manufacturers offering the lowest net price in each state and collects rebates from the winning bidders via public auction, effectively creating government-sanctioned monopolies in WIC markets. The broader implications of this policy hinge on vertical relationships between manufacturers and retailers, which remain poorly understood. I identify the vertical relationship as best characterized by two-part tariffs, where retailers pay fixed fees to manufacturers and wholesale markups are zero. Counterfactual analyses show that, when pricing control shifts to manufacturers, average retail prices increase by 3.79%, producer surplus rises by 2.17%, and consumer surplus declines by 7.44%. I also observe heterogeneous price responses for WIC auction winners and losers. Notably, winners generally raise prices when granted retail pricing power. These findings underscore the importance of firm conduct in shaping program outcomes.
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PUBLICATIONS	<ol style="list-style-type: none"> <li>1. <b>Wang, Yi.</b> 2024. Do High Rebates Guarantee High-Cost Savings? Purdue Agricultural Economics Report, May 15, 2024. PAER-2024-19.</li> <li>2. Consoli, S., Frayse, E.A., Slipchenko, N., <b>Wang, Y.</b>, Amirebrahimi, J., Qin, Z., Yazma, N., and Lybbert, T.J., 2022. A “Sideways” Supply Response in California Winegrapes. <i>Journal of Wine Economics</i> 17(1), 42-63</li> <li>3. Zhao, X., <b>Wang, Y.</b>, 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. <i>Chinese Journal of Agricultural Resources and Regional Planning</i> 39(10), 204-212. <i>[In Chinese]</i></li> </ol>
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POLICY AND EXTENSION OUTPUTS	<ul style="list-style-type: none"> <li>• USDA Report: Processor-Retailer Relationship in the US Beef Supply Chain: Preliminary Analysis Report, <i>With Joseph V Balagtas, Meilin Ma, and Juan P. Sesmero.</i></li> <li>• Regional Industry Cluster Drill-Down Series, <i>With Indraneel Kumar and Roberto Gallardo.</i></li> <li>• Indiana Creative Economy 2022 Report, <i>With Indraneel Kumar and Roberto Gallardo.</i></li> </ul>
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WORK IN PROGRESS	<ul style="list-style-type: none"> <li>• Markets for Private Label and National Brand Beef, <i>With Joseph V. Balagtas, Meilin Ma, and Juan P. Sesmero.</i></li> <li>• Supply shock and infant formula prices: evidence from the US</li> </ul>
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CONFERENCES AND INVITED PRESENTA- TIONS	• AAEA 2025 Annual Meeting	July 2025
	• EAAE 2025 Congress	August 2025
	• SEA 95th Annual Meeting	November 2025
	• AEA 2026 Annual Meeting	January 2026
TEACHING EXPERIENCE	<b>Instructor, Purdue University</b>	Summer 2024 - Fall 2024
	• AGECE 516 Mathematical Tools for Agricultural & Applied Economics	
	– Average instructor rate: 4.67/5	
	• Ph.D. Math Camp	
	<b>Teaching Assistant, Purdue University</b>	Fall 2022 & Fall 2023
	• AGECE 516 Mathematical Tools For Agricultural & Applied Economics	
	<b>Teaching Assistant, University of California, Davis</b>	Spring 2020
	• ARE 106 Econometric Theory & Applications	
PEDAGOGICAL TRAINING	• AAEA Second Annual Teaching Academy Workshop	July 2025
	• AAEA First Annual Teaching Academy Workshop	July 2024
	• AAEA Teaching Academy Webinars	September 2024 – May 2025
	• Purdue University Online Workshops on Practical Applications of Generative AI in Teaching and Learning	September 2024
AWARDS AND HONORS	• <b>Best Poster Award</b> , FAMPS Graduate Student Poster Competition, 2025	
	• <b>AAEA Teaching Academy Travel Grant</b> , AAEA Trust, 2025	
	• <b>Nominee</b> , College of Agriculture Graduate Student Excellence in Teaching Award, Purdue University, 2025	
	• <b>1st Place</b> , USDA AMS-GSS Local Food Economics Data Visualization Challenge (in-person), 2023	
	• <b>National Graduate Scholarship</b> , Ministry of Education, PRC , 2017 & 2018	
	• <b>National Undergraduate Scholarship</b> , Ministry of Education, PRC, 2015	
	• <b>First-Level Scholarship for Graduate Students</b> , China Three Gorges University, 2016	
	• <b>Outstanding Undergraduate Thesis Award</b> , China Three Gorges University, 2016	
	• <b>Nominee</b> , Top Ten Outstanding Youth Awards, College of Economics and Management, China Three Gorges University, 2016	
	• <b>First-Level Scholarship for Undergraduate Students</b> , China Three Gorges University, 2013 & 2014	
RESEARCH EXPERIENCE	• <b>Research Assistant</b> , Purdue University	
	for Professor Juan P. Sesmero	January 2025 - Present
	for Professors Meilin Ma, Juan P. Sesmero, and Joseph V. Balagtas	September 2023 - Present
	for Professor Meilin Ma	May 2022 - September 2024
	• <b>Research Assistant</b> , Purdue Center for Regional Development, Purdue University	
	for Dr. Roberto Gallardo and Dr. Indraneel Kumar	August 2021 - May 2023
	• <b>Research Assistant</b> , China Three Gorges University	
	for Professor Jianhua Zhao	April 2015 – July 2018

## SERVICE

- **Panelist**, Graduate School Overview Session, SCARF Undergraduate Summer Research Program, Purdue University, June 2025
- **Workshop Co-leader**, Designing Scientific Research Posters, SCARF Undergraduate Summer Research Program, Purdue University, June 2025
- **Reviewer**, EAAE 2025 Congress, February 2025
- **Vice President**, Graduate Student Organization (GSO), Department of Agricultural Economics, Purdue University, June 2024 – May 2025
- **Academic Chair**, Graduate Student Organization (GSO), Department of Agricultural Economics, Purdue University, June 2023 – May 2024

## SKILLS

**Programming:** Python, R, STATA, ArcGIS, Tableau, GeoDa, Julia

**Languages:** Chinese (Native), English (Fluent), Spanish (Beginner)