

# Xiting Zhuang

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## Research Interest

International Trade and Policy, Agricultural Economics, China Socioeconomic Problems

## Experience

- North Dakota State University  
**Research Assistant Professor** Fargo, ND  
Nov 2024 – Present
- Texas A&M University College Station, TX  
Postdoctoral Research Associate Feb 2024 – Oct 2024
- Eversource Energy Center Storrs, CT  
Graduate Research Assistant Jan 2019 – Oct 2020
- University of Connecticut Storrs, CT  
Graduate Research/Teaching Assistant Sep 2018 – Jan 2024

## Education

- University of Connecticut, Dept. of Agricultural & Resource Economics  
**Ph.D. in Agricultural and Resource Economics** Storrs, CT  
2024
- Fuzhou University, School of Economics & Management Fuzhou, China  
M.S. in Quantitative Economics 2017
- Xiamen University, Tan Kah Kee College Xiamen, China  
B.A. in Accounting 2014

## Research

### Publications

- Colin A. Carter, Sandro Steinbach, & **Xiting Zhuang** (2025). “Global Shipping Container Disruptions and U.S. Agricultural Exports.” *Journal of Transport Economics and Policy*, 59(2), 110-136.
- Sandro Steinbach & **Xiting Zhuang** (2025). “Trade Implications of Ending China’s Zero-Covid Policy.” *Asian Economics Letters*. (Accepted)
- Sandro Steinbach & **Xiting Zhuang** (2023). “Global Container Shipping Disruptions, Pop-Up Ports, and U.S. Agricultural Exports.” *Applied Economic Perspectives and Policy*, 1-19.
- Sandro Steinbach & **Xiting Zhuang** (2023). “The Impact of Maritime Shipping Disruptions on U.S. Tree Nut Exports and Inventories.” *Agribusiness*.
- Sandro Steinbach & **Xiting Zhuang** (2023). “U.S. Agricultural Exports and the 2022 Mississippi River Drought.” *Agribusiness*.

- Colin A. Carter, Sandro Steinbach, & **Xiting Zhuang** (2022). “Supply Chain Disruptions and Containerized Agricultural Exports from California Ports.” *Applied Economic Perspectives and Policy*.
- Henning Schweizer, Sandro Steinbach, & **Xiting Zhuang** (2022). “A Portrait of Firms that Trade in Meat Products.” *Western Economics Forum*.
- Rachit Goyal, Sandro Steinbach, Yavuz Yildirim, & **Xiting Zhuang** (2024). “U.S. Agricultural Trade Challenges Amid Climate and Geopolitical Disruptions.” *Choices*.
- Sandro Steinbach & **Xiting Zhuang** (2023). “Retaliatory Tariffs and Container Shipping Disruptions Cause Considerable Trade Damages to California’s Almond Industry.” *Choices*, 38(2).
- **Xiting Zhuang\*** (2016). “Urbanization Process and Carbon Emission in China Based on Semi-Parametric Spatial Lags Model.” *Logistics Engineering and Management*.

### **Working Papers**

- Zhihong Xu; Jaehyun Ahn; Shuai Ma; Anjorin Ezekiel Adyemi; Fahmida Husain Choudhury; **Xiting Zhuang**; Rafael Landaverde; Gary J. Wingenbach. “Bridging Language and Data: Transforming Agricultural Curricula for Data Analytics Through Linguistic Insights”
- Peng Lu, Lulu Mao, & **Xiting Zhuang**, Zhihong Xu & Shuai Ma. “U.S. Public Perceptions of Food Date Labeling: Text Mining and Content Analysis of USDA Request for Information (RFI) Responses.”
- Zhihong Xu, **Xiting Zhuang** & Shuai Ma. “Machine Learning-Assisted Systematic Review: A Case Study in Learning Analytics.” .
- Weidong Tian & **Xiting Zhuang\***. “Work Environment and Intimate Partner Violence Against Women: Evidence from China.” *Applied Economics (Revise & Resubmission)*.
- Weidong Tian & **Xiting Zhuang\***. “The Gift of Equality: Legal Recognition of Same-Sex Unions and Elder Abuse.” *(Paper under review)*.
- Zhiyong Dai, Weidong Tian, & **Xiting Zhuang\***. “The Call of Kinship: How Clan Culture Shapes Rural Residents’ Commitment to Hometown Development in China.” *(Paper under review)*.
- Weidong Tian, Zhiyong Dai, Dongli Cao, & **Xiting Zhuang\***. “Parental Educational Pairings and Child Physical Abuse: Evidence from China.” *(Paper under review)*.
- Weidong Tian, Dongli Cao, & **Xiting Zhuang\***. “Tradition or Tragedy: Arranged Marriages and Domestic Violence.” *(Paper under review)*.
- **Xiting Zhuang\***. “Temperature, Allowance, and Air Pollution: Evidence from Regression Discontinuity Design.”
- Weidong Tian & **Xiting Zhuang\***. “Bread and Bruises: The Great Chinese Famine and Domestic Violence.”
- Sandro Steinbach & **Xiting Zhuang\***. “Global Supply Chain and Domestic Cost Shocks.”
- Sandro Steinbach & **Xiting Zhuang\***. “Global Trade Effects of Tightening Environmental Trade Policies in China.”

### **Policy Briefs and Outreach Work**

- Arita, S., Kim, J., Lwin, W., Steinbach, S., & **Xiting Zhuang** (2025). Soybean Basis Hits Record Low Amid Zero New-Crop Sales to China. *NDSU Agricultural Trade Monitor 2025-09*. Center for Agricultural Policy and Trade Studies, North Dakota State University. September 10, 2025.
- Arita, S., Kim, J., Lwin, W., Steinbach, S., Wang, M., , & **Xiting Zhuang**(2025). IEEPA Tariff Escalation: What It Means for U.S. Food and Ag-Input Imports. *NDSU Agricultural Trade Monitor 2025-08*. Center for Agricultural Policy and Trade Studies, North Dakota State University. August 12, 2025.

- Shawn Arita, Sandro Steinbach, Ming Wang, & **Xiting Zhuang** (2025). “China’s Import Declines Reflect Broader Demand Weakness.” *NDSU Agricultural Trade Monitor*.
- Shawn Arita, Sandro Steinbach, Ming Wang, & **Xiting Zhuang** (2025). “U.S. Grain Exports under Pressure Amid Shifting Trade Policies.” *NDSU Agricultural Trade Monitor*.
- Sunghun Lim, Sandro Steinbach, & **Xiting Zhuang** (2024). “Panama Canal Traffic Delays Threaten Southern Ag Global Supply Chains.” *Southern Ag Today*.
- Sandro Steinbach, Yavuz Yildirim, & **Xiting Zhuang** (2024). “Ripple Effects of Shipping Lane Disruptions on U.S. Agriculture.” *Farmdoc Daily*.
- Rachit Goyal, Sandro Steinbach, Yavuz Yildirim, & **Xiting Zhuang** (2024). “Southern U.S. Agriculture Faces Headwinds in Asia Amid Red Sea Shipping Disruptions.” *Southern Ag Today*.
- Sandro Steinbach & **Xiting Zhuang** (2023). “Down the River: How the 2022 Mississippi River Drought Damaged Southern U.S. Agricultural Trade.” *Southern Ag Today*.
- Henning Schweizer, Sandro Steinbach, & **Xiting Zhuang** (2022). “International Market Concentration in the Southern Meat Trading Market.” *Southern Ag Today*.
- Sandro Steinbach & **Xiting Zhuang** (2022). “Shipping Container Disruptions Cause Considerable Export Losses for Southern Ports.” *Southern Ag Today*.
- Sandro Steinbach & **Xiting Zhuang** (2021). “Cost-Benefit Analysis of Detection Systems for Protecting Critical Infrastructure from UAV Threats in Connecticut.” *Eversource Energy*.
- Colin A. Carter, Sandro Steinbach, & **Xiting Zhuang** (2021). “Containergeddon and California Agriculture.” *ARE Update*, 25(2): 1–4.

*Note: Entries marked with \* indicate corresponding author.*

## Teaching Experience

- North Dakota State University  
**Guest Lecturer**, Econ 472/672 – International Trade Fargo, ND  
Spring 2025
- University of Connecticut  
**Teaching Assistant**, ARE 3250 – Business Management Storrs, CT  
Spring 2020
- University of Connecticut  
**Teaching Assistant**, ARE 2210/SARE 460 – Essentials of Accounting and Business Storrs, CT  
Fall 2019

## Conference Invited Talks

- Agricultural & Applied Economics Association (AAEA) Annual Meeting New Orleans, LA  
“Temperature, Allowance, and Air Pollution: Evidence from Regression Discontinuity Design.” Jul 2024
- International Agricultural Trade Research Consortium (IATRC) Clearwater, FL  
“Global Supply Chain and Trade Cost Shocks.” Dec 2023
- Agricultural & Applied Economics Association (AAEA) Annual Meeting Washington, DC  
“U.S. Agricultural Exports and the 2022 Mississippi River Drought.” Jul 2023
- AAEA at ASSA New Orleans, LA  
“Global Container Trade Disruptions, Pop-Up Ports, and U.S. Agricultural Exports.” Jan 2023
- International Agricultural Trade Research Consortium (IATRC) Clearwater, FL  
“Covid-19 Pandemic on International Trade: Evidence from China.” Dec 2022

- Agricultural & Applied Economics Association (AAEA) Annual Meeting  
“Global Shipping Container Disruptions and U.S. Agricultural Exports.” Anaheim, CA Aug 2022
- Northeastern Agricultural & Resource Economics Association (NAREA) Meeting  
“Supply Chain Crisis and Empty Shipping Containers.” Mystic, CT Jun 2022
- CAHNR Graduate Student Research Forum, University of Connecticut  
“Global Trade Effects of Tightening Environmental Standards in China.” Storrs, CT May 2022
- Steinbach Research Group Seminar, University of Connecticut  
“Global Shipping Container Disruptions and U.S. Agricultural Exports.” Storrs, CT Mar 2022
- International Agricultural Trade Research Consortium (IATRC)  
“The Heterogeneous Effect of Vaccination on Trade in the United States.” Virtual Jan 2021
- Association of Environmental & Resource Economists (AERE) Summer Conference  
“The Waste Backhaul Between the United States and China.” Virtual Jun 2021
- European Association of Environmental & Resource Economists (EAERE)  
“Environmental Standard, Waste Backhaul and Maritime Trade.” Virtual Jun 2021
- Northeastern Agricultural & Resource Economics Association (NAREA) Annual Meeting  
“Global Waste Crisis? The Role of Chinese Environmental Trade Policies.” Mystic, CT Jul 2020
- Association of Environmental & Resource Economists (AERE) Summer Conference  
“International Trade Effects of Stricter Environmental Trade Policies in China.” Virtual Jun 2020
- Agricultural & Applied Economics Association (AAEA) Annual Meeting  
“Global Trade Effects of Tightening Environmental Standards in China.” Atlanta, GA Jul 2019
- Agricultural & Resource Economics Seminar, University of Connecticut  
“Global Trade Effects of Tightening Environmental Standards in China.” Storrs, CT Oct 2019

## Referee Service

- Applied Economic Perspectives and Policy
- Oxford Bulletin of Economics and Statistics
- International Food and Agribusiness Management Review
- Journal of the Agricultural and Applied Economics Association
- Agricultural & Applied Economics Association (Conference Review)

## Honors, Awards, & Fellowships

- Conference Participation Award, Graduate School, University of Connecticut 2022
- 26th Participation Grant, European Association of Environmental and Resource Economists 2021
- Predoctoral Fellowship Award, ARE, University of Connecticut 2021
- Summer Fellowship, ARE, University of Connecticut 2020
- 2019 Travel Award, Agricultural & Applied Economics Association 2019
- Summer Fellowship, ARE Department, University of Connecticut 2019
- TKK First Order Scholarship, Xiamen University 2011

## Affiliations

- Agricultural and Applied Economics Association
- International Agricultural Trade Research Consortium
- Northeastern Agricultural and Resource Economics Association
- Association of Environmental and Resource Economists
- European Association of Environmental and Resource Economists

## Miscellaneous

- *Computer Skills:* ArcGIS, L<sup>A</sup>T<sub>E</sub>X, Stata, SQL, Python, Java, R
- *Languages:* English (Professional), Mandarin Chinese (Native), Hokkien (Native)

## References

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