

Xiting Zhuang

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North Dakota State University
Richard H. Barry Hall 400C,
Fargo, ND 58102

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
Postdoctoral Research Associate College Station, TX
Feb 2024 - Oct 2024
- Eversource Energy Center
Graduate Research Assistant Storrs, CT
Jan 2019 - Oct 2020
- University of Connecticut
Graduate Research/Teaching Assistant Storrs, CT
Sep 2018 - Jan 2024

Education

- University of Connecticut, Department of Agricultural & Resource Economics
Ph.D. in Agricultural and Resource Economics Storrs, CT
2024
- Georgia Institute of Technology, College of Computing
M.S. in Computer Science Atlanta, GA
2024
- Fuzhou University, School of Economics & Management
M.S. in Quantitative Economics Fuzhou, China
2017
- Xiamen University, Tan Kah Kee College
B.A. in Accounting Xiamen, China
2014

Research

Publications

- Carter Colin A., Steinbach, S., & Zhuang, X. (2025). "Global Shipping Container Disruptions and U.S. Agricultural Exports.", *Journal of Transport Economics and Policy (JTEP)*, 59(2), 110-136. [\[link\]](#) (Accepted)
- Steinbach, S., & Zhuang, X. (2025). "Trade Implications of Ending China's Zero- Covid Policy.", *Asian Economics Letters*. (Accepted)
- Steinbach, S., & Zhuang, X. (2023). Global Container Shipping Disruptions, Pop-Up Ports, and U.S. Agricultural Exports. *Applied Economic Perspectives and Policy*. 1-19. [\[link\]](#)
- Steinbach, S., & Zhuang, X. (2023). The Impact of Maritime Shipping Disruptions on U.S. Tree Nut Exports and Inventories. *Agribusiness*. [\[link\]](#)

- Steinbach, S., & Zhuang, X. (2023). U.S. Agricultural Exports and the 2022 Mississippi River Drought. *Agribusiness*. [\[link\]](#)
- Carter Colin A., Steinbach, S., & Zhuang, X. (2022). “Supply chain disruptions and containerized agricultural exports from California ports.”, *Applied Economic Perspectives and Policy*. [\[link\]](#)
- Schweizer, H., Steinbach, S., & Zhuang, X. (2022). A Portrait of Firms that Trade in Meat Products. *Western Economics Forum*. [\[link\]](#)
- Goyal R., Steinbach S., Yildirim Y., & Zhuang, X. (2024). U.S. Agricultural Trade Challenges Amid Climate and Geopolitical Disruptions.”, *Choices*. [\[link\]](#)
- Steinbach, S., & Zhuang, X. (2023). Retaliatory Tariffs and Container Shipping Disruptions Cause Considerable Trade Damages to California’s Almond Industry.”, *Choices*. 38(2) [\[link\]](#)
- Xiting, Zhuang. “Urbanization Process and Carbon Emission in China Based on Semi-Parametric Spatial Lags Model.”, *Logistics Engineering and Management*. 2016.

Working Papers

- “Temperature, Allowance, and Air Pollution: Evidence from Regression Discontinuity Design.” [\[Link\]](#)
- “Tradition or Tragedy: Arranged Marriages and Domestic Violence.” with Weidong Tian, Dongli Cao [\[Link\]](#)
- “Bread and Bruises: The Great Chinese Famine and Domestic Violence.” with Weidong Tian. [\[Link\]](#)
- “Global Supply Chain and Domestic Cost Shocks.” , with Sandro Steinbach. [\[Link\]](#)
- “Global Trade Effects of Tightening Environmental Trade Policies in China.”, with Sandro Steinbach. [\[link\]](#)

Work in Progress

- “After Maths of the Basel Convention: The Trade Effects of Environmental Provisions in Preferential Trade Agreements.”
- “Environmental Standard, Waste Backhaul and Maritime Trade.”, with Sandro Steinbach. [\[link\]](#)
- “The Role of Clientele Politics on Agricultural Subsidies.”, with Sandro Steinbach.

Policy Briefs and Outreach Work

- Lim, Sunghun, Steinbach, S., & Zhuang, X. (2024). “Panama Canal Traffic Delays Threaten Southern Ag Global Supply Chains.” *Southern Ag Today*, 4(4.4). February 22, 2024. [\[link\]](#)
- Steinbach, S., Yildirim Y. & Zhuang, X. (2024). “Ripple Effects of Shipping Lane Disruptions on U.S. Agriculture.” *Farmdoc Daily*, 14(19). Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, January 29, 2024. [\[link\]](#)
- Goyal R., Steinbach, S., Yildirim Y. & Zhuang, X. (2024). “Southern U.S. Agriculture Faces Headwinds in Asia Amid Red Sea Shipping Disruptions.” *Southern Ag Today*, 4(4.4). [\[link\]](#)
- Steinbach, S., & Zhuang, X. (2023). “Down the River: How the 2022 Mississippi River Drought Damaged Southern U.S. Agricultural Trade.” *Southern Ag Today*, 2(4.5). [\[link\]](#)
- Schweizer, H., Steinbach, S., & Zhuang, X. (2022). “International Market Concentration in the Southern Meat Trading Market.” *Southern Ag Today*, 2(29.4). [\[link\]](#)
- Steinbach, S., & Zhuang, X. (2022). “Shipping Container Disruptions Cause Considerable Export Losses for Southern Ports.” *Southern Ag Today*, 2(17.4). [\[link\]](#)

- Steinbach, S., & Zhuang, X. (2021). “Cost-Benefit Analysis of Detection Systems for Protecting Critical Infrastructure from UAV Threats in Connecticut,” *Eversource Energy*. [\[link\]](#)
- Carter, Colin A., Sandro Steinbach, and Xiting Zhuang.. “‘Containergeddon’ and California Agriculture.” *ARE Update* 25(2): 1–4. University of California Giannini Foundation of Agricultural, University of California, Davis. 2021 [\[link\]](#)

Invited Conference & Seminar Presentations

- 2024 Agricultural & Applied Economics Association Annual Meeting (AAEA) New Orleans, LA
“Temperature, Allowance, and Air Pollution: Evidence from Regression Discontinuity Design” Jul, 2024
- 2023 International Agricultural Trade Research Consortium (IATRC) Clearwater, FL
“Global Supply Chain and Trade Cost Shocks” Dec, 2023
- 2023 Agricultural & Applied Economics Association Annual Meeting (AAEA) Washington DC
“U.S. Agricultural Exports and the 2022 Mississippi River Drought” Jul, 2023
- 2023 AAEA at ASSA New Orleans, LA
“Global Container Trade Disruptions, Pop-Up Ports, and U.S. Agricultural Exports” Jan, 2023
- 2022 International Agricultural Trade Research Consortium (IATRC) Clearwater, FL
“Covid-19 Pandemic on International Trade: Evidence from China” Dec, 2022
- 2022 Agricultural & Applied Economics Association Annual Meeting (AAEA) Anaheim, CA
“Global Shipping Container Disruptions and U.S. Agricultural Exports” Aug, 2022
- 2022 Northeastern Agricultural and Resource Economics Association Meeting (NAREA) Mystic, CT
“Supply Chain Crisis and Empty Shipping Containers” Jun, 2022
- 2022 Spring, CAHNR Graduate Student Research Forum, UConn Storrs, CT
“Global Trade Effects of Tightening Environmental Standards in China” May, 2022
- Steinbach Research Group Seminar, UConn Storrs, CT
“Global Shipping Container Disruptions and U.S. Agricultural Exports” Mar, 2022
- 2021 International Agricultural Trade Research Consortium (IATRC) Virtual
“The heterogeneous effect of vaccination on trade in the United States” Jan, 2021
- 2021 Association of Environmental & Resource Economists Summer Meeting (AERE) Virtual
“The Waste Backhaul Between the United States and China” Jun, 2021
- 2021 European Association of Environmental & Resource Economists (EAERE) Virtual
“Environmental Standard, Waste Backhaul and Maritime Trade” Jun, 2021
- 2020 Northeastern Agricultural & Resource Economics Annual Meeting (NAREA) Mystic, CT
“Global Waste Crisis? The Role of Chinese Environmental Trade Policies” Jul, 2020
- 2020 Association of Environmental & Resource Economists Summer Meeting (AERE) Virtual
“International Trade Effects of Stricter Environmental Trade Policies in China” Jun, 2020
- 2019 Agricultural & Applied Economics Association Annual Meeting (AAEA) Atlanta, GA
“Global Trade Effects of Tightening Environmental Standards in China” Jul, 2019
- 2019 Agricultural & Resource Economics Seminar, University of Connecticut Storrs, CT
“Global Trade Effects of Tightening Environmental Standards in China” Oct, 2019

Referee Service

- 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 EAERE Participation Grant, EAERE 2021
- Predoctoral Fellowship Award, 2020-2021, ARE Department, University of Connecticut
- Summer Fellowship, ARE Department, University of Connecticut, 2020
- AAEA Travel Award, AAEA, 2019
- Summer Fellowship, ARE Department, University of Connecticut, 2019
- Xiamen University, TKK First Order Scholarship, 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^AT_EX, Stata, SQL, Python, Java, R
- *Languages:* English (Professional), Mandarin Chinese (Native), Hokkien (Native)

References

Sandro Steinbach, Associate Professor
Department of Agricultural and Resource Economics
North Dakota State University
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Emma Bojinova, Associate Professor in Residence
Department of Agricultural and Resource Economics
University of Connecticut
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Charles Towe, Associate Professor
Department of Agricultural and Resource Economics
University of Connecticut
charles.towe@uconn.edu

Colin A. Carter, Distinguished Professor
Department of Agricultural and Resource Economics
University of California, Davis
cacarter@ucdavis.edu