Vita of Wendong Zhang June 2026

Associate Professor
Charles H. Dyson School of Applied Economics and Management
Cornell University

Table of Contents

EDUCATION 2
FIELDS OF INTEREST 2
PROFESSIONAL EXPERIENCE 3
BIOGRAPHY 3
AWARDS AND HONORS 4
EDITORIAL SERVICES 5
PUBLICATIONS 6
Peer-Reviewed Economic Research Articles *6*
Peer-Reviewed Extension and Engagement Articles *9*
Peer-Reviewed Interdisciplinary Articles *12*
Book Chapters *13*
Non-Peer-Reviewed Research Reports *13*
Working Papers *14*
Work in Progress *15*
GRANTS AND CONTRACTS 16
Inventions and Patents *19*
RESEARCH CONFERENCE PRESENTATIONS and INVITED SEMINARS 19
EXTENSION ACTIVITIES 22
Extension Program Overview *22*
Extension Web-Portals *23*
Extension Conference Organized *24*
SELECTED MEDIA CONTACTS and INTERVIEWS 31
TEACHING EXPERIENCE 31
STUDENT ADVISING 33
PROFESSIONAL SERVICE 36
INSTITUTIONAL SERVICE 37
ADDITIONAL SKILLS 38

June 2026

WENDONG ZHANG

Associate Professor, Cornell University
Charles H. Dyson School of Applied Economics and Management
SC Johnson College of Business, College of Agriculture and Life Sciences

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Cornell Dyson Faculty Profile: https://dyson.cornell.edu/faculty-research/faculty/wz384/
ISU CARD Faculty Profile: https://www.card.iastate.edu/people/profile/?n=wendong-zhang

Google Scholars Profile: https://scholar.google.com/citations?user=KT67I80AAAAJ
(Google Scholar Citations: 2075; h-index: 23; and h10-index: 51)

ORCID Profile: http://orcid.org/0000-0002-1244-3357

EDUCATION

The Ohio State University — Columbus, OH
Ph.D. in Agricultural, Environmental and Development Economics — **July 2015**
- Dissertation: "Three Essays on the Land Use, Land Management and Land Values in Agro-ecosystems"
- Advisor: Dr. Elena G. Irwin
- Best Doctoral Dissertation Award, Department of Agricultural, Environmental and Development Economics, the Ohio State University
- Presidential Fellowship, the Ohio State University

M.A. in Economics — **June 2012**

Fudan University — Shanghai, China
B.S. in Environmental Science (*magna cum laude*) — **July 2009**
Minor: International Economics and Trade

The University of Hong Kong — Hong Kong SAR, China
Exchange Student in Environmental Studies — September 2007 to January 2008

FIELDS OF INTEREST

Land Economics, Nonmarket Valuation, Agricultural Economics, Environmental Economics, Chinese Agriculture, Integrated Ecological-Economic Modeling, Agricultural Trade

PROFESSIONAL EXPERIENCE

Associate Professor (with tenure), Dyson School of Applied Economics and Management, SC Johnson College of Business, **Cornell University** — July 2025 - Present
- Appointment: 50% Research and 50% Extension

Faculty Affiliate, Cornell Center for China Economic Research (CICER) — July 2022 – Present
Faculty Fellow, Cornell Atkinson Center for Sustainability — July 2022 – Present

Assistant Professor, Dyson School of Applied Economics and Management, SC Johnson College of Business, **Cornell University** — July 2022 – June 2025

Global Public Voices Fellow, Cornell Einaudi Center for International Studies — 2022-2023

Visiting Associate Professor, AGEC, National Taiwan University — March 2026 – May 2026

Faculty Fellow, Leibniz-Zentrum fur Agrarlandschafesforschung (ZALF), Germany — fall 2023 – fall 2025

Academic Vice President, American Society of Farm Managers and Rural Appraisers — November 2024 - Present

Associate Professor (with tenure), Department of Economics; Iowa State University Center for Agricultural and Rural Development, Center for China-US Agricultural Economics and Policy, Iowa State University — August 2021 – June 2023
On Leave from July 2022 to June 2023
- Appointment: 60% Extension, 25% Research, and 15% Teaching

Assistant Professor, Department of Economics; Iowa State University Extension and Outreach; Center for Agricultural and Rural Development, Center for China-US Agricultural Economics and Policy, Iowa State University — August 2015 – July 2021

Affiliate Faculty, Sustainable Agriculture Graduate Program, Iowa State University — 2018 - 2023

Graduate Research Assistant, Department of Agricultural, Environmental and Development Economics, the Ohio State University — July 2010 – July 2015

Visiting Researcher, USDA National Agricultural Statistical Service Data Lab — July – August 2013

Summer Research Intern, USDA Economic Research Service — July – August 2012

BIOGRAPHY

Wendong Zhang is an associate professor in the Charles H. Dyson School of Applied Economics and Management, part of the Cornell SC Johnson College of Business. His research and extension program seeks to better understand US farmland market, Chinese agriculture, as well as the interplay between agriculture and the environment.

Zhang is currently an associate editor of the Journal of Soil and Water Conservation and was an associate editor of American Journal of Agricultural Economics from 2020 to 2023. He is also a faculty affiliate at Cornell Center for China Economic Research, a faculty fellow at Cornell Atkinson Center for Sustainability, and a 2023-2025 fellow at the Leibniz Centre for Agricultural Landscape Research.

Prior to joining Cornell, Zhang was a tenured associate professor in the Department of Economics and the Center for Agricultural and Rural Development at Iowa State University. He obtained his PhD in agricultural, environmental and development economics from Ohio State University in 2015.

AWARDS AND HONORS

2026: Certificate of Recognition, Chinese Economists Society
Recognition of Outstanding Service, Northeast Agricultural and Resource Economics Association (NAREA)
Best Conference Paper Award, 8th Annual Wine & Hospitality Management Workshop, the Alliance for Research on Wine & Hospitality Management (Joint with Zihan Chen, Jianwei Ai, and Bradley Rickard)

2025: Howard D. Doane Award, American Society of Farm Managers and Rural Appraisers (ASFMRA)
2025-2026 Board of Director, Chinese Economists Society
Rising Star Best Conference Paper Award, Northeast Agricultural and Resource Economics Association (NAREA) (Joint with Chen-Ti Chen and Seungki Lee)

2024: Early Achievement Award, Cornell University College of Agriculture and Life Sciences (CALS)
Board of Director, Northeast Agricultural and Resource Economics Association (NAREA)
Academic Vice President, American Society of Farm Managers and Rural Appraisers (ASFMRA), 2024-27

2023: 2023-2025 Faculty Fellow, Leibniz-Zentrum fur Agrarlandschafesforschung (ZALF), Germany
2022-2023 Board of Director, Chinese Economists Society
Distinguished Service to Agriculture Award, American Society of Farm Managers and Rural Appraisers (ASFMRA) Iowa Chapter

2022: 2022-2023 Global Public Voices Fellow, Cornell Einaudi Center for International Studies
Young Professional Achievement Award, the College of Food, Agricultural and Environmental Sciences (CFAES) Alumni Society, the Ohio State University

2021: Advisor of Winner of the 2021 AAEA Undergraduate Student Section Best Undergraduate Student Paper Competition (Beatrice Maule, "Of Women and Land: How Gender Affects Transfers and Successions of Iowa Farms")
Agricultural & Applied Economics Association (AAEA) 2021 Distinguished Extension/Outreach Program Award, Individual: Less than Ten Years' Experience
Top Paper Award from the Intergroup Communication Interest Group (ICIG) at International Communications Association (ICA) 2020: Gold Coast Conference ("Farmers under Threat: Implications for Attitudes toward China and Perceived Risks from the Trade Dispute", joint with Lulu Rodriguez, Shuyang Qu, Suman Lee,and Minghao Li)
Northeastern Agricultural and Resource Economics Association (NAREA) Career Advancement and Mentorship (CAM) Program
Iowa State University College of Agriculture and Life Sciences Early Achievement Award in Extension and Outreach

2020: Iowa State University College of Agriculture and Life Sciences Dean's Citation for Extraordinary Contributions (joint with Chad Hart and Dermot Hayes)
Associate Editor, American Journal of Agricultural Economics, 2020-2023

2019: AAEA Bruce Garner Memorial Prize for Applied Policy Analysis Award ("the Impact of the 2018 Trade Disruptions on the Iowa Economy", CARD Policy Brief coauthored with Edward J. Balistreri, Chad E. Hart, Dermot J. Hayes, Minghao Li, Lee Schulz, David A. Swenson, and John M. Crespi)
AAEA Awards Committee Master's Thesis Sub-Committee 2019 and 2020
President, NC-1177 Multistate Research Project "Agricultural and Rural Finance Markets in Transition (NC1014, NC221, NCT-194)"

Chair, Agricultural & Applied Economics Association (AAEA) Agricultural Finance and Management (AFM) Section

2018: President-Elect, NC-1177 Multistate Research Project "Agricultural and Rural Finance Markets in Transition (NC1014, NC221, NCT-194)"
Chair-Elect, Agricultural & Applied Economics Association (AAEA) Agricultural Finance and Management (AFM) Section

2016: Vice President, the Alumni Association, Fudan University, Department of Environmental Science and Engineering
Epsilon Sigma Phi, the Iowa Alpha Mu Chapter
Best Doctoral Dissertation Award, Department of Agricultural, Environmental and Development Economics, the Ohio State University

2015: Finalist, Graduate Associate Teaching Award, the Ohio State University

2014: Presidential Fellowship, the Ohio State University, 2014-2015
Bernie Erven Outstanding Graduate Teacher Award, Department of Agricultural, Environmental and Development Economics, the Ohio State University
Selected Participant of the Prepare Future Faculty Program, the Ohio State University, 2014-2015
Center on Urban and Regional Analysis Travel Award, the Ohio State University

2013: Winner, North America Regional Science Council Graduate-Student-Led Paper Competition, the 60th Annual North American Meetings of the Regional Science Association International
Winner, Best Paper Competition, Midwest Graduate Student Conference on Regional and Applied Economics

2012: Winner, North America Regional Science Council Graduate-Student-Led Paper Competition, the 59th Annual North American Meetings of the Regional Science Association International
Winner, Best Doctoral Research Manuscript Award, Department of Agricultural, Environmental and Development Economics, the Ohio State University
Winner, Graduate Student Paper Competition, 5th Annual Midwest Graduate Student Summit on Regional, Population, Health & Environmental Economics
The Honor Society of Agriculture, Gamma Sigma Delta

2009: Doctoral Fellowship, Ohio Agricultural Research and Development Center (OARDC)

2007: Fung Scholar, Victor and William Fung Foundation
National Scholarship, 1st Prize, Ministry of Education of China, 2007

2006: Tung's Oriental Scholarship, Fudan University

EDITORIAL SERVICES

2021-: Associate Editor, Journal of Soil and Water Conservation
2020-23: Associate Editor, American Journal of Agricultural Economics
2021- : Editorial Advisory Board, Agricultural Finance Review
2018- : Editorial Committee, Journal of the American Society of Farm Managers and Rural Appraisers (Journal of the ASFMRA)

PUBLICATIONS

Peer-Reviewed Economic Research Articles

(* denote undergraduate students advised; ^ graduate students; + postdocs advised)

2026:

Li, Z.^, A. Ortiz-Bobea, and **W. Zhang**. 2026. "The Impact of Solar-Enabling Legislations on Farmland Values." ***Land Economics***. https://doi.org/10.3368/le.102.2.022625-0013R | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4942012

Li, D., Z. Li, S. Shao, C. Yu, and **W. Zhang**. 2026. "Impact of Water Quality Regulation on the Agricultural Economy in China." ***Journal of Environmental Economics and Management***, Vol. 139, 103380. https://doi.org/10.1016/j.jeem.2026.103380 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5291196

Wang, Y., G. Howard, **W. Zhang**, M. Brown, K. Cetin, and J. McCalley. 2026. "Financial Incentives and Intrinsic Motives for Residents' Participation in Demand Response Programs." ***Energy Policy***, 213: 115201. https://doi.org/10.1016/j.enpol.2026.115201 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=6300439

Wang, Z., X. Wang, **W. Zhang**, T. Xiong, L. Nie, and X. Wang. 2026. "Revealing Spatiotemporal Distribution of Aflatoxin B1-Related Health Burdens to Optimize Monitoring in Peanut Supply Chains." ***npj Science of Food***. https://doi.org/10.1038/s41538-026-00868-7 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=6634221

Xiong, T., Z. Ma, L. Schulz, X. He, D. Hayes, and **W. Zhang**. 2026. "Tracking the Hog and Pig Inventory in Real-Time Using Nowcasting." ***Food Policy***, Vol. 140, 103071. https://doi.org/10.1016/j.foodpol.2026.103071 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=6361978

2025:

Ai, J.+, M. Li, T. Zhang, and **W. Zhang**. 2025. "The Impacts of the 2025 Trade Wars on Global Agricultural Markets and US Agricultural Trade." ***International Food and Agribusiness Management Review (IFAMR)***. https://brill.com/view/journals/ifam/aop/article-10.22434-ifamr.1388/article-10.22434-ifamr.1388.xml | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5662091

Qu, X., Q. Lu, M. Li, and **W. Zhang**. 2025. "Broadband Internet Speed Upgrades and the Farmland Market: A Shift-Share Instrumental Variable Approach." ***American Journal of Agricultural Economics***. https://doi.org/10.1111/ajae.12559 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4869538

Cheng, N.^, T. Xiong, and **W. Zhang**. 2025. "The Impact of China's Place-Based Environmental Regulations on Its Hog Industry: A Synthetic Difference-in-Differences Approach." ***Canadian Journal of Agricultural Economics***. https://doi.org/10.1111/cjag.12386 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5066508

Fiechter, C., T. Kuethe, and **W. Zhang**. 2025. "Information Rigidities and Farmland Value Expectations." ***Land Economics***. https://doi.org/10.3368/le.101.2.102623-0111R1 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4980806

2024:

Cheng, N.^, C. Tang, P. Liu, M. Li+, and **W. Zhang**. 2024. "Pipeline Incidents and Property Values: A Nationwide Hedonic Analysis." ***Journal of Environmental Economics and Management***, Vol. 127, 103041. https://doi.org/10.1016/j.jeem.2024.103041 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4116305

Graziano, M., K. Meyer, P. Liu, and **W. Zhang**. 2024. "Impact of Waterborne E. Coli Outbreaks on Local Communities: Evidence from Housing Transactions in Michigan." ***Agricultural and Resource Economics Review***. https://doi.org/10.1017/age.2024.13 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4981438

Howard, G., **W. Zhang**, A. Valcu-Lisman, and P. Gassman. 2024. "Evaluating the Tradeoff between Cost-Effectiveness and Participation in Agricultural Conservation Programs." ***American Journal of Agricultural Economics***. https://doi.org/10.1111/ajae.12397 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4295059

Li, H.^, X. Wan^, and **W. Zhang**. 2024. "How Do Firms Respond to Long-Term Political Tensions? Evidence from Chinese Food Importers." ***The World Economy***. https://doi.org/10.1111/twec.13601 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4991960

Li, M., T. Xiong, Z. Li, and **W. Zhang**. 2024. "Designated Market Makers and Agricultural Futures Market Quality: Evidence from China's Dalian Commodity Exchange." ***Agricultural Economics***, 55(6): 899-924. https://doi.org/10.1111/agec.12854 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4849346

Shr, J.+, and **W. Zhang**. 2024. "Omitted Downstream Attributes and the Benefits of Nutrient Reductions: Implications for Choice Experiments." ***Ecological Economics***, Vol. 222, 108218. https://doi.org/10.1016/j.ecolecon.2024.108218 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4992028

Wan, X., G. Howard, and **W. Zhang**. 2024. "Enrollment Restrictions and Conservation Practice Adoptions by Midwestern Farmers: Survey Evidence from Iowa." *Land Economics*. https://doi.org/10.3368/le.101.2.050924-0041R | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4948837

2023:

Lee, J., G. Durbahn, P.F. Orazem, and **W. Zhang**. 2023. "The Roles of Risk Preferences, Selection, and Uncertain Returns on Land Contracts." ***Agricultural Economics***, 54(2): 220-233. https://doi.org/10.1111/agec.12770

Liu, Q.^, B. Maule*, and **W. Zhang**. 2023. "Of Women and Land: How Gender Affects Successions and Transfers of Iowa Farms." ***Applied Economic Perspectives and Policy***, 45(4): 2255-2280. https://doi.org/10.1002/aepp.13363

Lu, Q., N. Cheng, **W. Zhang**, and P. Liu. 2023. "Disamenity or Premium: Do Electricity Transmission Lines Affect Farmland Values and Housing Prices Differently?" ***Journal of Housing Economics***. Corresponding Author. https://doi.org/10.1016/j.jhe.2023.101968 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4991954

Xiong, T., F. Zhao, and **W. Zhang**. 2023. "When China Strikes: Quantifying Australian Companies' Stock Price Responses to China's Trade Restrictions." ***Australian Journal of Agricultural and Resource Economics***, 67(4): 636-671. Corresponding Author. https://doi.org/10.1111/1467-8489.12532 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4992024

2022:

He, X.+, E.J. Balistreri, G.H. Kim, and **W. Zhang**. 2022. "A General Equilibrium Assessment of the Labor Productivity Impacts of COVID-19 on China's Regional Economies." ***Journal of Productivity Analysis***. Corresponding Author. 58: 129-150. https://doi.org/10.1007/s11123-022-00642-3 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3955378

He, X.+, A. Elobeid, M. Carriquiry, M. Li, D. Hayes, M. Li, and **W. Zhang**. 2022. "China's Growing Feed Imports: Projections from the CARD Agricultural Modeling Framework." ***Agribusiness***, 38(4): 970-989. https://doi.org/10.1002/agr.21764

2021:

Basha, A.^, **W. Zhang**, and C. Hart. 2021. "The Impacts of Interest Rate Changes on US Midwest Farmland Values." ***Agricultural Finance Review***. Corresponding Author. https://doi.org/10.1108/AFR-11-2020-0163 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3955376

Hasan, S.M., A. Rehman, and **W. Zhang**. 2021. "Who Can Work and Study from Home in Pakistan: Evidence from a Nationwide Household Survey." ***World Development***. Corresponding Author. https://doi.org/10.1016/j.worlddev.2020.105197

Mei, Y., L. Gao, **W. Zhang**, and F. Yang. 2021. "Do Homeowners Benefit When Coal-Fired Power Plants Switch to Natural Gas? Evidence from Beijing, China." ***Journal of Environmental Economics and Management***. https://doi.org/10.1016/j.jeem.2021.102566 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3955364

Shao, Y., T. Xiong, M. Li+, D.J. Hayes, **W. Zhang**, and W. Xie. 2021. "China's Missing Pigs: Correcting China's Hog Inventory Data Using a Machine Learning Approach." ***American Journal of Agricultural Economics***, 103(3): 1082-1098. Corresponding Author. https://doi.org/10.1111/ajae.12137

Xiong, T., **W. Zhang**, and C. Chen^. 2021. "A Fortune From Misfortune: Evidence from Hog Firms' Stock Price Responses to China's African Swine Fever Outbreaks." ***Food Policy***. Corresponding Author. https://doi.org/10.1016/j.foodpol.2021.102150 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3955369

Zhang, W., S. Lence, and T. Kuethe. 2021. "Are Expert Opinions Accurate? Panel Data Evidence from the Iowa Land Value Survey." ***Land Economics***. Corresponding Author. https://doi.org/10.3368/le.97.4.080820-0124R

2020:

Li, M.+, E. Balistreri, and **W. Zhang**. 2020. "The U.S.-China Trade War: Data and General Equilibrium Analysis." ***Journal of Asian Economics***, Vol. 69. Lead Article. https://doi.org/10.1016/j.asieco.2020.101216

Liu, H., **W. Zhang**, E. Irwin, J. Kast, N. Aloysius, J.F. Martin, and M. Kelcic. 2020. "Best Management Practices and Nutrient Reduction: An Integrated Economic-Hydrological Model of the Western Lake Erie Basin." ***Land Economics***, 96(4): 510-530. https://doi.org/10.3368/le.96.4.510

2019:

Zhang, W., and B. Sohngen. 2018. "Do US Anglers Care About Harmful Algal Blooms? A Discrete Choice Experiment of Lake Erie Recreational Anglers." ***American Journal of Agricultural Economics***, 100(3): 868-888. https://doi.org/10.1093/ajae/aay006 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3955371

2018:

Gao, L., **W. Zhang**, Y. Mei, A. Sam, Y. Song, and S. Jin. 2018. "Do Farmers Adopt Fewer Conservation Practices on Rented Land? Evidence from Straw Retention in China." ***Land Use Policy***, 79: 609-621. https://doi.org/10.1016/j.landusepol.2018.08.026

Zhang, W., and K. Tidgren. 2018. "Current Farm Downturn vs. 1920s and 1980s Farm Crisis: An Economic and Legal Comparison." ***Agricultural Finance Review***, 78(4): 396-411. Lead Article. https://doi.org/10.1108/AFR-08-2017-0075 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3955373

Wang, P., **W. Zhang**, M. Li+, and Y. Han. 2019. "Does Fertilizer Education Program Increase the Technical Efficiency of Chemical Fertilizer Use? Evidence from Wheat Production in China." ***Sustainability***, 11(2): 543. https://doi.org/10.3390/su11020543

2016:

Zhang, W., D.H. Wrenn, and E.G. Irwin. 2016. "Spatial Heterogeneity, Accessibility, and Zoning: An Empirical Investigation of Leapfrog Development." ***Journal of Economic Geography***, 17(3): 547-570. https://doi.org/10.1093/jeg/lbw007 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2583853

2015:

Zhang, W., and C.J. Nickerson. 2015. "The Housing Market Bust and Farmland Values: Identifying the Changing Influence of Proximity to Urban Centers." ***Land Economics***, 91(4): 605-626. Lead Article. https://doi.org/10.3368/le.91.4.605

Peer-Reviewed Extension and Engagement Articles

(* denote undergraduate students advised; ^ graduate students; + postdocs advised)

2026:

Huang, Z., **W. Zhang**, and A. Hinds. 2026. "SNAP's New Reality: Expanded Work Requirements, Cost Shifts to States, and Benefit Adjustment Changes." ***Applied Economic Education and Extension (AEEE)***. https://doi.org/10.71162/aeee.155443 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=6354158

Kang, M., S. Lee, I. Sheldon, and **W. Zhang**. 2026. "Uneven State-Level Exposure to Potential U.S. Tariff Disputes with Canada and Mexico." ***Choices Magazine***. https://www.choicesmagazine.org/choices-magazine/submitted-articles/uneven-state-level-exposure-to-potential-us-tariff-disputes-with-canada-and-mexico | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=6162086

Tong, J., M. Bootsma, **W. Zhang**, and W. Zhang. 2026. "Factors Influencing the Adoption of Flexible Lease Arrangements in Iowa." ***Journal of the American Society of Farm Managers and Rural Appraisers (JASFMRA)***. SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=6350760

2025:

Lee, S., J. Hyde, R. Nayga, Y. Liu, and **W. Zhang**. 2025. "Is There an Extension Discount for Agricultural Economics Faculty?" ***Journal of Extension***. https://commons.joe.org/joe/vol63/iss4/18/ | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5664570

2024:

Plastina, A., W. Sawadgo, and **W. Zhang**. 2024. "By How Much Can Appraised Farm Values Differ Across Appraisers?" ***Journal of the American Society of Farm Managers and Rural Appraisers (JASFMRA)***. SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5092400

Rodriguez, L., S. Qu, G. Han, **W. Zhang**, M. Li, and E. Cork. 2024. "What Midwest Farmers Think about the Trade Dispute with China: Concerns, Claims, Solutions, and Information Needs." ***Sage Open***. https://doi.org/10.1177/21582440241287997 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4981952

Taylor, M.R., and **W. Zhang**, and F. Attah. 2024. "Foreign Interests in U.S. Agricultural Lands: The Missing Conversations about Leasing." ***Choices Magazine***. https://www.choicesmagazine.org/choices-magazine/submitted-articles/foreign-interests-in-us-agricultural-lands-the-missing-conversations-about-leasing

Tong, J., **W. Zhang**, C. DeLong, J. Benning, and M. Schultz. 2024. "What Women Landowners Want to Know about Conservation?" ***Renewable Agriculture and Food Systems***. https://doi.org/10.1017/S1742170524000243 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4981962

Wang, F., **W. Zhang**, and M. Taylor. 2024. "Mapping and Contextualizing Foreign Ownership and Leasing of US Farmland." ***Journal of the American Society of Farm Managers and Rural Appraisers (JASFMRA)***. Corresponding Author. https://ageconsearch.umn.edu/record/342906 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4990445

2023:

Li, M., X. He, **W. Zhang**, J.M. Gbeda, S. Qu, and L. Rodriguez. 2023. "Farmers' Reactions to the U.S.-China Trade War: Perceptions vs. Behaviors." ***Journal of the Agricultural and Applied Economics Association***, 2(3): 386-401. https://doi.org/10.1002/jaa2.68

2022:

Liu, Y., and **W. Zhang**. 2022. "Nurturing International Graduate Students for a More Diversified and Inclusive Extension Workforce." ***Applied Economics Teaching Resources (AETR)***, 4(2): 45-58. https://www.aaea.org/UserFiles/file/AETR_2022_003RV4I2_v5.pdf

Schultz, M., J. Benning, C. DeLong, C. Hyde, M. O'Rourke, L. Scarbrough, K. Tidgren, J. Tong, and **W. Zhang**. 2022. "Survey Increases Understanding of Iowa Women Farmland Owners." *Journal of* ***the National Association of County Agricultural Agents (NACAA)***, 15(2): 1-22. https://www.nacaa.com/file.ashx?id=493c150e-fc3d-4454-98f3-80f94e1b5b7d

2021:

Zhang, W.. 2021. "The Case for Healthy U.S.-China Agricultural Trade Relations Despite Deglobalization Pressures." ***Applied Economic Policy and Perspectives***, 43(1): 225-247. https://doi.org/10.1002/aepp.13115

Sawadgo, W.^, **W. Zhang**, and A. Plastina. 2021. "What Drives Landowners' Conservation Decisions? Evidence from Iowa." ***Journal of Soil and Water Conservation***, 76(3): 211-221. https://doi.org/10.2489/jswc.2021.00115

2019:

Grant, M.*, and **W. Zhang**. 2019. "Entrepreneurship and Start-Ups in the Agricultural Industry." ***Journal of the American Society of Farm Managers and Rural Appraisers (JASFMRA)***, 35-43. https://ideas.repec.org/a/ags/jasfmr/322662.html

Taylor, M., and **W. Zhang**. 2019. "Training the Next Generation of Extension Economists." ***Choices Magazine***, Quarter 2, 34(2). https://www.choicesmagazine.org/choices-magazine/theme-articles/the-future-of-farm-management-extension/training-the-next-generation-of-extension-economists

2018:

Li, M.+, **W. Zhang**, and C. Hart. 2018. "What Have We Learned from China's Past Trade Retaliation Strategies?" ***Choices Magazine***, Quarter 2, 33(2): 1-8. Lead Article. https://www.jstor.org/stable/26487436

Zhang, W., W. Zhang, and C. Hart. 2018. "Are Agricultural Professionals' Farmland Value and Crop Price Forecasts Consistent?" ***Journal of the American Society of Farm Managers and Rural Appraisers (JASFMRA)***. Lead Article: 1-16. https://dr.lib.iastate.edu/handle/20.500.12876/21910

2017:

Zhang, W., and M. Duffy. 2017. "Land Quality Perceptions in Expert Opinion Surveys: Evidence from Iowa." ***Journal of the American Society of Farm Managers and Rural Appraisers (JASFMRA)***, 89: 128-151. https://www.jstor.org/stable/90016149

2016:

Zhang, W., and Z. Beek*. 2016. "Trends and Determinants of U.S. Farmland Values: Evidence from Iowa Land Value Survey since 1950." ***Farm Policy Journal***, Australian Farm Institute, 13(2). **Invited**. https://dr.lib.iastate.edu/handle/20.500.12876/21824

Peer-Reviewed Interdisciplinary Articles

(* denote undergraduate students advised; ^ graduate students; + postdocs advised)

2025:

Liao, C., J. Kao-Kniffin, M. Reid, **W. Zhang**, P. Tshabalala, E. Andrus, Z. Butler-Jones, J. LaPoint, S. Zhou, R. Rafols, S. Shin, M. Ichihara, A. Pereira, N. Butler, Y. Tu, and S.R. McCouch. 2025. "Rice Farming for Climate Change Adaptation in the Northeastern United States." ***Proceedings of the National Academy of Sciences (PNAS)***, 122(49). https://doi.org/10.1073/pnas.2402181122 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=6346598

Mei, Y., J. Qiu, **W. Zhang**, S. Chaudhary, and P. Liu. 2025. "Carbon Markets Promote Environmental Justice in China." ***Nature Communications***. https://doi.org/10.1038/s41467-025-67081-0 | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4735858

2024:

Zhang, W., X. Wan, W. Fan, and Y. Ji. 2024. "Uncovering Disparities in Water-Based Outdoor Recreation Using Cell Phone Mobility Data." ***Environmental Research Letters***, 19(11). https://doi.org/10.1088/1748-9326/ad801c | SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4968985

Fiske, K., N. Cheng, R. Kuesel, **W. Zhang**, R. Bessin, M. Williams, and D. Gonthier. 2024. "Row Covers Limit Pests and Disease and Increase Profit in Organic Acorn Squash." ***Frontiers in Sustainable Food Systems***. https://doi.org/10.3389/fsufs.2024.1347924

2023:

Nelson, H.M., J.F. Gonzalez-Acuna, A. Nair, N. Cheng^, K. Mphande, S. Badilla-Arias, **W. Zhang**, and M. Gleason. 2023. "Comparison of Row Cover Systems for Pest Management in Organic Muskmelon in Iowa." ***HortTechnology***, 33(1). https://doi.org/10.21273/HORTTECH05096-22

2021:

Li, M.^, and **W. Zhang**. 2021. "Trade Policies Have Environmental Implications." ***Nature Food*** (Invited News and Views Article). Corresponding Author. 2: 559-560. https://doi.org/10.1038/s43016-021-00342-5

2018:

Aller, D.^, S. Archontoulis, **W. Zhang**, W. Sawadgo^, D. Laird, and K. Moore. 2018. "Using APSIM to Optimize Biochar Applications for Midwest Corn-Bioenergy Cropping Systems." ***Field Crops Research***, 227: 30-40. https://doi.org/10.1016/j.fcr.2018.07.012

2017:

Rosli, H.^, D.A. Mayfield, J.C. Batzer, P.M. Dixon, **W. Zhang**, and M.L. Gleason. 2017. "Field Validation of a Modified Relative Humidity-Based Warning System for Sooty Blotch and Flyspeck in Iowa." ***Plant Disease***, 101(10): 1721-1728. https://doi.org/10.1094/PDIS-02-17-0294-RE

2016:

Zhang, W., R. Wilson, E. Burnett, E.G. Irwin, and J.F. Martin. 2016. "What Motivates Farmers to Apply Phosphorus at the 'Right' Time? Survey Evidence from the Western Lake Erie Basin." ***Journal of Great Lakes Research***, 42(6): 1343-1356. https://doi.org/10.1016/j.jglr.2016.08.007

Book Chapters

1. Irwin, E.G., G.L. Buckley, M. Gnagey, N. Irwin, D. Newburn, E. Pierce, D. Wrenn and **W. Zhang**. "The Role of Regulations and Norms in Land Use Change." In Science for the Sustainable City: Empirical Insights from the Baltimore School of Urban Ecology, edited by Steward T. A. Pickett, Mary L. Cadenasso, J. Morgan Grove, Elena G. Irwin, Emma J. Rosi, Christopher M. Swan, 112-31. NEW HAVEN; LONDON: ***Yale University Press***.

1. Nickerson, C. J. and **W. Zhang**. 2014. "Modeling the Determinants of Farmland Values in the U.S." in ***The Oxford Handbook of Land Economics***, ed. Josh M. Duke and Junjie Wu. ***Oxford University Press***, pp. 111-138.

Non-Peer-Reviewed Research Reports

13. Wang^, F., and **W. Zhang**. 2024. "Foreign Ownership and Leasehold of Agricultural Land in New York" Extension Bulletin EB 2024-02. Dyson School of Applied Economics and Management. Cornell University.

14. **Zhang, W.**, B. Rideout, R. Guay, N. Guyer, D. Kuhn, J. Lagerquist, C. Loomis, K. McDowell, S. Pattison, R. Stone, S. Sweeney, K. Windecker, and C. Groom. 2026. "2026 US Northeast Land Value Trends: An ASFMRA and CCE Joint Publication." Cornell SC Johnson College of Business Research Paper. SSRN: https://ssrn.com/abstract=7003398

15. Hinds, A., E. Thilmany, **W. Zhang**, and A. Shew. 2026. "2026 Northeast Farmland Market Report: A Transactions-Based Analysis." Cornell SC Johnson College of Business Research Paper. https://doi.org/10.2139/ssrn.7036118

12. Cheng^, N., **W. Zhang**, and M. Gleason. 2023. "Controlling Pests and Diseases Using Mesotunnels: Understanding Organic Cucurbit Crop Growers' Preferences and Choices." Extension Bulletin EB 2023-05. Dyson School of Applied Economics and Management. Cornell University.

11. Tong, J. and **W. Zhang**. 2022. "Educational Preferences on Farmland Leasing, Conservation Practices, and Transition Plans: Voices of Iowa Women Farmland Owners." Working paper 22-WP 633. Center for Agricultural and Rural Development, Iowa State University.

10. Crespi, J.M., C.E. Hart, C.C. Pudenz, L.L. Schulz, O. Wongpiyabovorn, and **W. Zhang**. 2022. "An Examination of Recent Fertilizer Price Changes." Staff report 22-SR 117. Center for Agricultural and Rural Development, Iowa State University.

9. Li, M., and **W. Zhang**. 2021. "Finding Firmer Ground: the Role of Agricultural Cooperation in U.S.-China Relations." A report by U.S. Heartland China Association and the Carter Center.

8. Wan, X., Y. Ji, and **W. Zhang**. 2021. "*the Iowa Lakes Valuation Project 2019: Summary and Findings*." A Report to the Iowa Department of Natural Resources (DNR), CARD Staff Report 21-SR-115, November 2021

7. Cheng, N. and **W. Zhang**. 2021. "*The OREI Cucurbit Crops Project Year 1 Whole Team and Advisory Panel/Cooperative Grower Surveys*". February 2021

6. **Zhang, W.**, and D.M. Wishart. 2019. "*A Report on Results of Surveys to Measure the Demand for Designating the Mad River in Clark County Ohio a Recreational River*". April 2019

5. **Zhang, W**., A. Plastina, and W. Sawadgo. 2018. "*Iowa Farmland Ownership and Tenure Survey 1982–2017: A Thirty-five Year Perspective*." Iowa State University Extension and Outreach, CARD working paper #18-WP 580, https://store.extension.iastate.edu/product/6492

4. Kling, C. L., R. W. Arritt, G. Calhoun, D. A. Keiser, J. M. Antle, J. Arnold, M. Carriquiry, I. Chaubey, P. Christensen, B. Ganapathysubramanian, P. Gassman, W. Gutowski, T. W. Hertel, G. Hoogenboom, E. G. Irwin, M. Khanna, P. Merel, D. Phaneuf, A. Plantinga, P. Preckel, S. Polasky, S. Rabotyagov, I. Rudik, S. Secchi, A. Smith, A. Vanloocke, C. Wolter, **W. Zhang**, and J. Zhao. 2016. *Research needs and challenges in the FEW system: Coupling economic models with agronomic, hydrologic, and bioenergy models for sustainable food, energy, and water systems.* Ames, IA: Iowa State University Center for Agricultural and Rural Development (CARD) Working Paper 16-WP 563. A white paper prepared for the National Science Foundation's Food, Energy, and Water Workshop held at Iowa State University, October 11–12, 2015.

3. Burnett, E.A., R. S. Wilson, B. E. Roe, G. Howard, E. G. Irwin, **W. Zhang**, and J. Martin. 2015. *Farmers, phosphorus and water quality: Part II. A descriptive report of beliefs, attitudes and best management practices in the Maumee Watershed of the western Lake Erie Basin*. Columbus, OH: The Ohio State University, School of Environment & Natural Resources.

2. Sohngen, B., **W. Zhang**, J. Bruskotter, and B. Sheldon. 2015. *Results from a 2014 Survey of Lake Erie Anglers*. Columbus, OH: The Ohio State University, Department of Agricultural, Environmental and Development Economics and School of Environment & Natural Resources.

1. **Zhang, W.**, B. Ward, and E. G. Irwin, 2014, "The Trends and Determinants of Farmland Sale Prices in Western Ohio 2001-2010", *the Ohio State University Extension Bulletin*

Working Papers

(denote undergraduate students advised; ^ graduate students; + postdocs advised)*

Wan, X., J. Comito, **W. Zhang**, and J. Tong. 2025. "Is a Farmer a Better Messenger than an Extension Professional for Conservation Practice Adoption?" **2nd Revisions Requested** at **Agricultural Economics**

Shr, J., X. Wan, and **W. Zhang**. 2025. "When Nature Turns Hazy: the Impacts of Wildfire Smoke on Recreational Demand." **Revisions Requested** at **Journal of Environmental Economics and Management**

Tong, J., O. Bartalotti, and **W. Zhang**. 2025. "Institutional Land Ownership and Conservation Practice Adoption in the US Midwest." SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=6409709 **Revisions Requested** at **Journal of Environmental Economics and Management**

Saeed, R., A. Rehman, S.M. Hasan, and **W. Zhang**. 2025. "Carbon Emissions from Household Energy Use in Pakistan: Policy Implications for Climate Mitigation and Regional Development." **Revisions Requested** at **Climate Policy**

Fan, W., Y. Ji, X. Wan, and **W. Zhang**. 2025. "Recreational Benefit Disparity? Evidence from Underrepresented Population in Iowa." **Under Review**

Wehner, J., **W. Zhang**, and C. Wolf. 2026. "Barriers and Incentives to Anaerobic Digester Adoption: A Nationwide Analysis of U.S. Dairy Farms." **Under Review**

Ai, J., M. Li, T. Zhang, and **W. Zhang**. 2025. "The Economic Impacts of the 2025 Trade Wars." **Revisions Requested** at **Journal of Asian Economics**

Chen, C., Y. Ji, **W. Zhang**, and Q. Lu. 2026. "Large Livestock Facilities and Farmland Values: Evidence from Competitive Bidding by CAFOs." **Under Review**

Xiong, T., **W. Zhang**, J. Li, G. Li, and F. Li. 2024. "The Evolution of China's Pork Value Chains under African Swine Fever and COVID-19." **Under Review**

Tong, J., W. Chen, W. Zhang, and **W. Zhang**. 2025. "County-Level PFAS Contamination Site Density and Associations with Chronic Disease and Cancer in the United States." **Under Review**

Ai, J., Z. Xiao, and **W. Zhang**. 2026. "Geospatial Inequality in the Green Transition: Pollution Redistribution from Electric Vehicles." **Under Review**

Wan, X.^, Y. Ji, **W. Zhang**, and P. Liu. 2025. "Incorporating Recreational Benefits into Hedonic Property Value Models: Evidence from Iowa."

Xia, W., T. Xiong, and **W. Zhang**. 2025. "U.S. Peanut Price Forecasting under Climate-Driven Yield Shocks." **Under Review**

Nie, F., L. Li, T. Xiong, J. Ai, and **W. Zhang**. 2025. "Artificial Intelligence Innovation and Product Quality: Evidence from China's Agri-Food Firms." **Under Review**

Work in Progress

(denote undergraduate students advised; ^ graduate students; + postdocs advised)*

Dalheimer, B., J. Ai, and **W. Zhang**. 2025. "Risky Global Agricultural Supply Chains: Evidence from Firm-to-Firm Trade."

Wan, X., J. Ai, A. Yang, and **W. Zhang**. 2025. "Employment Effects of Environmental Regulations: Evidence from the Clean Water Act."

Li, H.^, J. Ai, G. Lyn, A. Yang, and **W. Zhang**. "Anti-Granular Comparative Advantage."

Liu, P., F. Wang, and **W. Zhang**. 2024. "Experiential Culinary Diversity and Housing Prices: Evidence from the Atlanta Metropolitan Area."

He, X., G. DePaula, and **W. Zhang**. 2021. "Roads, Trade, and Development: Evidence from the Agricultural Boom in Brazil." (***Inactive Manuscript***)

GRANTS AND CONTRACTS

Funded

CORNELL UNIVERSITY

(Total: $ 7,611,426)

40. Longchamps, L., **W. Zhang**, and R. Stedman. **(Co-PI) $$2,050,000**. "NY-Shared Platform for Agrivoltaics Research & Knowledge (NY-SPARK)." New York State Energy Research and Development Authority ("NYSERDA"), 2025/12-2030/9.

39. Wolf, C., **W. Zhang**, M. Van Amburgh, F. Ferreira. 2025. **(Co-PI) $100,000**. "Market Opportunities to Reduce Dairy Farm Enteric Methane Emissions: Assessing producer and consumer acceptance of feed additives." Multi-NGO-Atkinson Dairy Research Funds, 2025/7-2026/6.

38. Kling, C.L., **W. Zhang**, G. Howard, R. Dell, E. Zimmerman, and S. Keerthi. 2025. **(Co-PI) $100,000**. "Accelerating Farmer Adoption of Edge-of-Field Conservation Practices on Leakiest Fields: Economic Experiment Evidence that Reduce Hypothetical Bias." EDF-Atkinson Joint Research Funds, 2025/7-2026/6.

37. **Zhang, W.**, A. Olumoroti, C. Wolf, L. Ray. 2025. **(PI) $100,000**. "Understanding Biogas Utilization Pathways and State-Level Policies from US Dairy Digesters." Multi-NGO-Atkinson Dairy Research Funds, 2025/7-2026/6.

36. Kling, C.L., **W. Zhang**, D. Phaneuf, Y. Ji. 2024. **(co-PI) $650,000**. "Developing Standardized Nonmarket Valuation and Benefits Transfer Methods Using Nationwide Cellphone Location and Foot Traffic Data." USDA Agriculture and Food Research Initiative (AFRI) Competitive Grants Program Foundational and Applied Science Program. 2025/7-2028/6.

35. **Zhang, W.**, D. McLaughlin, C. Wolf, L. Ray. 2024. **(PI) $99,258**. "Assessing the Scale, Longevity and Equity of Methane Emission Reduction from Dairy Anaerobic Digester Systems." EDF-Atkinson Joint Research Funds, 2024/6-2025/12.

34. **Liao, C**., J. Kao-Kniffin, S. McCouch, P. Tshabalala, and **W. Zhang**. 2023. **(Co-PI) $37,433**. "Agricultural Floodplain Rice Farming for Just Technological Futures: An Environmental Justice Perspective." Cornell University College of Agriculture and Life Sciences Moonshot Challenge Proposal Development Award. 2023/10-2024/9.

33. Liu, P., and **W. Zhang**. 2023. **(Co-PI) $10,000**. "Restaurant Visitation as a Proxy for Urban Amenity: Implications for Housing Price Dynamics." The Stanley Sun Faculty Global Research Fund in Hospitality Research. 2023/10-2024/9.

32. Stedman, R.C., B. Lauber, D.L. Kay, and **W. Zhang**. 2023. **(Co-PI) $89,046**. "Assessing Landowner Willingness to Host Agrivoltaic Systems in New York State." USDA Hatch Project. 2023/10-2026/9.

31 Wolf, C., and **W. Zhang**. 2023. **(Co-PI) $29,200**. "Dairy Farm Value of Carbon Credits: The Case of Renewable Natural Gas from Anaerobic Digesters." USDA Hatch Project. 2023/10-2025/9.

30. **Zhang, W**. 2023. **(PI) $58,000**. "Collecting Better-Quality Data on Farmland Values and Rents in New York State to Inform Decision Making." USDA Hatch Project. 2023/10-2026/9.

29. **Zhang, W**., and D.L. Kay. 2023. **(PI) $29,826**. "Decoding Foreign Land Ownership and Farmland-Solar Competition in New York State." USDA Hatch Project Multi-State Project NC1177: Agricultural and Rural Finance Markets in Transition. 2023/10-2024/9.

28. Gonthier, D.A., A. Nair, **W. Zhang**, R. Bessin, K. Dentzman, S. Pethybridge, M. Williams, A.R. Sciligo, and H.C. Dantzker, (**co-PI**), **$3,500,000**, "Expanding Resilient Climate And Pest Protection Systems For Diversified Organic Specialty Crop Producers", *USDA National Institute of Food and Agriculture (NIFA) Organic Agriculture Research and Extension Initiative (OREI)*, 2023/10-2027/9.

27. Comito, J., and **W. Zhang**, (**co-PI**), **$120,720**, "Decoding and Leveraging the Farmer Messenger Effect to Accelerate the Adoption of Critical Edge-of-Field Conservation Practices", *Iowa Nutrient Research Center* 2023/08-2025/07.

26. Zhang, W., X. Wan, **W. Zhang**, and J. Zheng. (**Co-PI**), **$100,000**, "From Awareness to Action: Assessing PFAS Exposure in Communities and Evaluating the Effectiveness of its Mitigation Strategies." *Illinois-Indiana Sea Grant,* 2023/10-2025/05.

25. **Zhang, W**., and P. Liu. (**PI**), **$39,996**, "Quantifying the Economic Value of Reducing Aquatic Invasive Species in NYS Waterways: A Case Study of Water Chestnut." *New York State Water Resources Institute,* 2023/04-2024/07.

24. Feng, H., C. Lu, and **W. Zhang**, (**co-PI**), **$56,385**, "Spatially Delineated Carbon Credit Potential and Implied Nutrient Reduction Co-Benefit: an Assessment with Integrated Ecological and Economic Modeling Framework", *Iowa Nutrient Research Center* 2022/08-2024/07.

23. Hart, C., and **W. Zhang**, (**co-PI**), **$42,000**, "Landowners Matter Too: Accelerating Adoption of in-Field and Edge-of-Field Nutrient Reduction Practices Through Better Engaged Landowners", *Iowa Nutrient Research Center* 2022/08-2024/07.

22. **Zhang, W**., D. Hayes, M. Li, X. He, M. Carriquiry, and A. Elobeid. (**PI**), **$30,000**, "Renewable Diesel and US Livestock Production and Trade." *USDA Economic Research Service*, 2022/01-2023/12.

21. **Zhang, W.**, D. Hayes, G. Hu, T. Xiong and X. He, (**PI**), **$649,662**, "Measuring and Forecasting China's Agricultural Production, Stocks, and Imports with High Quality Data and Machine Learning Methods", *USDA Agriculture and Food Research Initiative (AFRI) Markets, Trade and Economics*, 2022/01-2024/12.

IOWA STATE UNIVERSITY

(Total: $ 6,591,214; $5,775,214 to ISU and $1,442,414 to Zhang)

20. (**co-PI**) Horizon II: A Climate Smart Future for Corn, Soybean, Livestock, and Renewable Natural Gas Production. Lead Partner: Roeslein Alternative Energy, LLC (RAE). Major Partners: Biostar Renewables, Conservation Districts of Iowa, Iowa Agriculture Water Alliance, Iowa Soybean Association, Iowa State University (ISU), Missouri Prairie Foundation, Sievers Family Farms, Soil and Water Outcomes Fund, Smithfield Foods, The Nature Conservancy, University of Missouri, Verdesian, Veterans in Agriculture. Funder USDA. Lead PIs Lisa Schulte Moore (ISU) and Rudolph Roeslein (RAE) (**$80 million total; $11.5 million, ISU**).

19. Feng, H., S. Carlson, S. Hickey, E. Reaves, L. Schulte-Moore, and **W. Zhang**, (**co-PI**), **$148,284**, "The Effectiveness of Carbon Credit Programs at Reducing Nutrient Losses: An Assessment of Public and Private Conservation Programs and their Interactions", *Iowa Nutrient Research Center* 2021/08-2023/07.

18. Comito, J., and **W. Zhang**, (**co-PI**), **$79,565**, "Identifying the Barriers and Strategies to Accelerate the Adoption of Critical Edge-of-Field Conservation Practices: A Farmer-Centric Integrated Research & Extension Approach", *Iowa Nutrient Research Center* 2021/08-2022/12.

17. **Zhang, W.**, Y. Ji, D. Swenson, and X. Wan. (**PI**), **$39,700**. "Environmental Justice for All: Nutrient Impacts on Lake-Based Recreation and Tourism by Rural and Socially Disadvantaged Iowans", *Iowa Water Center and Iowa*

Nutrient Research Center, 2021/01-2021/12.

16. Schultz, M., M. O'Rourke, **W. Zhang**, K. Tidgren, and K. Tidgren, (**co-PI**), **$300,000**, "Enhancing Conservation, Access and Generational Transition of Iowa Farmland through Senior Women Landowners", *USDA Agriculture and Food Research Initiative (AFRI) Critical Agricultural Research and Extension (CARE)*, 2021/10-2023/09.

15. Schultz, M., M. O'Rourke, and **W. Zhang**. (**co-PI**), **$40,000**. "Women Managing Farmland", *Farm Credit Services of America*, 2020-2020.

14. **Zhang, W.**, and Y. Ji. (**PI**), **$179,534**. "The 2019 Iowa Lakes Survey", *Iowa Department of Natural Resources*, Contract # 20CRDLWBMBALM-0005, 2019 – 2021.

13. McDaniel, M., M. Davis, **W. Zhang**, and J. Sawyer, (**co-PI**), **$170,327**, "Investigating the Double-Impact of Soil Health Promoting Practices on Water Quality", *Iowa Nutrient Research Center* 2019-2021.

12. Gleason, M., X. Zhang, G. Beattie, A. Nair, **W. Zhang**, L. Iles, R. Bessin, L.W. Morton, S. Pethybridge, M. Williams, D.A. Gonthier, and H.C. Dantzker, (**co-PI**), **$2,000,000**, "Resilient Systems for Sustainable Management of Cucurbit Crops", *USDA National Institute of Food and Agriculture (NIFA) Organic Agriculture Research and Extension Initiative (OREI)*, 2019/10-2022/9.

11. Balistreri, E., D. Hayes, M. Li, and **W. Zhang**, (**PI**), **$500,000**, "Quantifying the Transmission of U.S.-China and Global Policy Impacts through a New Commodity-Specific International General-Equilibrium System", *USDA Agriculture and Food Research Initiative (AFRI) Markets, Trade and Economics*, 2019/6-2022/5. (E. Balistreri was PI from 2019/06-2020/07 before he moved to University of Nebraska)

10. Plastina, A., **W. Zhang**, and M. McDaniel (**co-PI**), **$103,334**, "Monetizing Soil Health: An Innovative Strategy to Drive Greater Adoption of Cover Crops and No-till", *Iowa Nutrient Research Center* 2018-2020.

9. Schultz, M., **W. Zhang**, and C. Brown (**co-PI**), **$199,000**, "Improving Risk Management on Family Farms Through Women in Iowa", *U.S. Department of Agriculture Risk Management Agency (USDA-RMA)*, 2018-2020.

8. Gleason, M., L. Iles, A. Nair, **W. Zhang**, B. Sanders, and T. Eaton (**co-PI**), **$30,000**, "Optimizing Mesotunnel Systems for Sustainable Production of Cucurbit Crops", *North Central Region – Sustainable Agriculture Research and Education (NCR-SARE)*, 2018-2020.

7. Shr, J., C. Tang, C.L. Kling, and **W. Zhang** (**co-PI**), **$60,000**, "The Economic Benefits of Mitigating Harmful Algal Blooms in Iowa", *Iowa Water Center*, 2018-2020.

6. **Zhang, W.** and A. Plastina**,** (**PI**), **$29,638**, "Land Tenure, Conservation, and Owner Absenteeism: Insights from Joint Analysis of Federal and State Survey Data", *U.S. Department of Agriculture Economic Research Service (USDA-ERS)* Cooperative Agreement 58-6000-8-0021, 2018-2020.

5. Plastina, A., **W. Zhang**, and M. McDaniel**,** (**co-PI**), **$103,334**, "Monetizing Soil Health: An Innovative Strategy to Drive Greater Adoption of Cover Crops and No-Till", *Iowa Nutrient Research Center*, 2019-2020.

4. **Zhang, W.** and G. Howard**,** (**PI**), **$62,780**, "Improving the Effectiveness of Conservation Programs through Innovative Reverse Auctions and Sensible Enrollment Restrictions", *Iowa Nutrient Research Center*, 2017-2019.

3. Laird, D., S. Archontoulis, R. Brown, D. Hayes, F. Miguez, A. Plastina, M. Mba-Waright, **W. Zhang**, and D. Zilberman (University of California-Berkeley) (**co-PI**), **$1.9 million**, "the Pyrolysis-Bioenergy-Biochar Pathway to Carbon-Negative Energy", *Stanford University Global Climate & Energy Project*, 2015-2018. (B. Babcock transferred this project to me and A. Plastina in fall 2016).

2. **Zhang, W.** and A. Plastina**,** (**PI**), **$19,974**, "Who Will Own Iowa's Farmland? A Comparative Study of Farmland Ownership, Tenure and Succession in Iowa", *the Leopold Center for Sustainable Agriculture*, 2017-2019.

1. **Zhang, W.** and A. Plastina**,** (**PI**), **$79,416**, "Land Tenure and Nutrient Management Practices: Identifying Economic Barriers and Incentives for Landowners and Tenants to Meet Growing Soil and Water Conservation Needs", *Iowa Nutrient Research Center*, 2017-2019.

The Ohio State University (Total: $ 203,949)

2. Irwin, E. G., M. E. Fraker, S. Y. Gebremariam, J. F. Martin, and **W. Zhang**, (**Only graduate student co-PI, co-PIs alphabetically ordered**), **$198,955**, "Linking Agricultural Production and Great Lakes Ecosystem Services: Modeling and Valuing the Impacts of Harmful Algal Blooms in Lake Erie", *NOAA/Ohio Sea Grant*, 2014-2016.
    - Led the grant writing and an interdisciplinary team of ecological engineers, biologists and economists

1. **Zhang, W.**, (**PI**), **$4,994**, "From Farmers' Management Decisions to Watershed Environmental Quality: A Spatially Explicit Behavioral Model of Agricultural Best Management Practice Choices", *Ohio Agricultural Research and Development Center (OARDC) SEEDS Graduate Research Enhancement Grant*, Ph.D. Program. 2013-2014.

Inventions and Patents

Gebremariam, S. Y., E. G. Irwin, **W. Zhang**, S. A. Ludsin, N. Chen, and J. F. Martin. 2014. *SWAT Watershed Model Codes*. The Ohio State University, Tech ID #T2014-056.

RESEARCH CONFERENCE PRESENTATIONS and INVITED SEMINARS

Invited Research Seminars

2026: Purdue University Department of Agricultural Economics

2025: ZALF (Leibniz Centre for Agricultural Landscape Research), Germany
The Ohio State University Department of Agricultural, Environmental and Development Economics

2024: ZALF (Leibniz Centre for Agricultural Landscape Research), Germany
University of Florida, Department of Food and Resource Economics
Farm Credit Administration
The Penn State University, Department of Agricultural Economics, Sociology and Extension
University of Wisconsin at Madison, Department of Agricultural and Applied Economics
Renmin University of China, School of Agricultural and Rural Development
Renmin University of China, School of Applied Economics
Zhongnan University of Economics and Law, School of Economics
Huazhong Agricultural University, School of Economics and Management
Colgate University, Department of Economics

2023: Federal Reserve Bank at Chicago, Midwest Agriculture Conference
AEM 7030: Research Seminar for Dyson MS Students
AEM 1101: Design Your Dyson for Freshman Dyson Students
New York State Assessors Association Cornell Seminar
American Society of Farm Managers and Rural Appraisers National Conference

2022: Online Agricultural and Resource Economics (OARES) Seminar
Iowa Learning Farms
College of Wooster, Department of Economics

the Ohio State University, Department of Agricultural, Environmental and Development Economics
New Mexico State University, Economics, Applied Statistics, and International Business Department
University of Nebraska – Lincoln, CME / Yeutter Institute Conference
Auburn University, Department of Agricultural Economics and Rural Sociology

2021: Huazhong Agricultural University, College of Economics and Management
Renmin University of China, School of Applied Economics
Jinan University, the Institute of Economic and Social Research (IESR), China
Iowa Learning Farms

2020: Pennsylvania State University, Department of Agricultural Economics, Sociology and Education
WiNDC (Wisconsin National Data Consortium) Online Webinar (joint with Ed Balistreri and Xi He)
US EPA Hypoxia Task Force Ecosystem/Social Metrics Workgroup
University of Northern Iowa, Department of Biology

2019: Mississippi State University, Department of Agricultural Economics
Lafayette College, Department of Economics
Iowa State University, Department of Agronomy, Soils Seminar
North Carolina State University, Department of Agricultural and Resource Economics
East Carolina University, Department of Economics

2018: USDA 94th Annual Agricultural Outlook Forum, Washington, DC (Invited panelist)
University of Kentucky, Department of Economics (*presented by E.G. Irwin*)

2016: Nanjing Agricultural University, College of Finance
China Agricultural University, Department of Land Management
Iowa State University Sustainable Agriculture Graduate Program Colloquium, Ames, IA

2014: Iowa State University, Department of Economics

Conference Presentations

2025: World Bank Land Conference: Securing Land Tenure and Access for Climate Action, Washington, DC
China Economists Society North American conference, Ann Arbor, MI
Northeast Agricultural and Resource Economics Association (NAREA), Burlington, VT
Agricultural and Applied Economic Association (AAEA), Denver, CO
Southern Economic Association Conference, Tampa, FL

2024: ASFMRA (American Society of Farm Managers and Rural Appraisers) National Conference, Kansas City, MO
Chinese Economist Society 2024 North American Conference, Bucknell University
Chinese Economist Society 2024 China Conference, Zhejiang University
16th CAER-IFPRI Annual Conference, Hunan University, Changsha, China
4th Global Food Security for the Youth Forum, Huazhong Agricultural University, Wuhan, China
Association of Environmental and Resource Economists (AERE) Annual Conference, Washington, DC
Social Cost of Water Pollution Workshop, Washington, DC

2023: Agricultural and Applied Economic Association (AAEA), Washington, DC
ASFMRA (American Society of Farm Managers and Rural Appraisers) National Conference, Nashville, TN
Chicago Fed Midwest Agriculture Conference, Chicago, IL
Association of Environmental and Resource Economists (AERE) Annual Conference, Portland, ME

2022: Agricultural and Applied Economic Association (AAEA), Anaheim, CA
Northeast Agricultural and Resource Economics Association (NAREA), Mystic, CT

2021: Southern Economics Association Annual Conference (*presented by X. Wan and G. Lyn*)

Western Economic Association International (WEAI) Annual Conference (*presented by N. Cheng, and Y.-H. Shr*)
Agricultural and Applied Economic Association (AAEA), Austin, TX, August 2021
Northeastern Agricultural and Resource Economics Association (NAREA) (*presented by N. Cheng, X. Wan*)
Iowa Ideas Conference (*panelist on eco-tourism*)
Iowa Water Center 2021 Virtual Annual Harmful Algal Blooms (HABs) Symposium

2020: 12th Annual CAER-IFPRI Conference (*Nanjing, China, online, presented by N. Cheng*)
Sustainable Agriculture Summit (*Panelist*)
North Central Farm Management Executive Committee / Midwest & Great Plains Outlook Conference (panliest)
Chinese Economist Society 2020 North American Conference, Boston, MA (*selected presentation, online*)
Annual Meeting of the Applied and Agricultural Economic Association, Kansas City, MO (*selected Presentation & poster*)

2019: Heartland Environmental and Resources Economics Workshop 2019, Urbana, IL (*selected presentation and selected poster*)
National Agricultural Credit Committee / NC-1177 Annual Meeting: Agricultural and Rural Finance Markets in Transition, Dallas, TX (*selected presentation*)
Integrated Assessment Models of Water Quality workshop, Cornell University and Iowa State University, Ithaca, NY (*selected presentation*)
USDA Economic Research Service sponsored workshop "Applications and Potential of Ecosystem Services Valuation within USDA – Advancing the Science", April 2019 (*selected presentation*)
Annual Meeting of the Applied and Agricultural Economic Association, Atlanta, GA (*selected presentation for AFM track session*)
2019 AAEA Post-Conference Workshop "Challenges, Implications, and the Future of Agricultural Trade between the US and China" organized by AAEA China Section, Zhejiang University and Purdue University, Atlanta, GA (*selected presentation*)

2018: American Society of Farm Managers and Rural Appraisers (ASFMRA) 2018 Annual Conference, Phoenix, AZ (*invited*)
Heartland Environmental and Resources Economics Workshop 2018, Urbana, IL (*selected poster*)
North Central Farm Management Executive Committee Annual Meeting, Ames, IA (*invited*)
National Agricultural Credit Committee / NC-1177 Annual Meeting: Agricultural and Rural Finance Markets in Transition, St Louis, MO (*selected presentation*)
Annual Meeting of the Applied and Agricultural Economic Association, Washington, DC (*selected Presentation, presented by H. Liu*)
10th Annual Land Investment Expo, Des Moines, IA (*invited*)
2018 Farm Futures Business Summit, Coralville, IA (*invited*)
USDA 94th Annual Agricultural Outlook Forum, Washington, DC (*invited*)
Chinese Economist Society 2018 North American Conference, Athens, GA (*selected presentation*)
12th World Congress of Regional Science Association International, Goa, India (*selected presentation, presented by S. Hasan*)
6th World Congress of Environmental and Resource Economists, Gothenburg, Sweden (*selected presentation, presented by E. G. Irwin*)

2017: PAgES: An Interdisciplinary Science Workshop on Payments for Agro-Ecosystem Services, workshop funded by USDA-NIFA/AFRI Agroecosystem Management Program (*invited*)
National Agricultural Credit Committee / NC-1177 Annual Meeting: Agricultural and Rural Finance Markets in Transition, Minneapolis, MN (*selected presentation*)
Annual Meeting of the Applied and Agricultural Economic Association, Chicago, IL (*selected presentation*)
Annual Meeting of Association of Environmental Resource Economists, Pittsburgh, PA (*selected presentation*)
USDA Economic Research Service and C-FARE Webinar on Farm Income and Land Value Outlook (*invited*)

2016: Agri Investor Forum 2016, Chicago, IL (*invited*)
National Agricultural Credit Committee / NC-1177 Annual Meeting: Agricultural and Rural Finance Markets in Transition, Denver, CO (*selected presentation*)
North Central Farm Management Conference / National Farm Management Conference, Sioux Falls, SD
the Midwest, Great Plains and Western Outlook Conference, Des Moines, IA (*selected presentation*)
the Prairie Lakes Conference, Okoboji, IA (*invited*)
Annual Meeting of the Applied and Agricultural Economic Association, Boston, MA (*selected presentation*)
Association of Environmental and Resource Economists 5th Annual Conference, Breckenridge, CO (*selected presentation*)
the National Farm Business Management Conference, Sioux Falls, SD (*selected presentation*)
Strategies for Building Health Soils, Iowa State University Extension and Outreach (*selected poster*)

2015: USDA NRCS Soil Renaissance - Economics of Soil Health Workshop, Farm Foundation and U.S. Department of Agriculture – Economics Research Service, Washington, DC (*selected poster*)
Joint Annual Meeting of the Applied and Agricultural Economic Association & Western Agricultural Economic Association, San Francisco, CA (*selected presentation*)
The 2015 Workshop on Water Quality Economics, the Joint Annual Meeting & Workshop of the Northeast Agricultural and Resource Economics Association and the Canadian Agricultural Economics Society, Newport, RI (*selected presentation*)
Association of Environmental and Resource Economists 4th Annual Conference, San Diego, CA (*selected presentation*)
59th National Australian Agricultural & Resource Economics Society Annual Conference, Rotorua, New Zealand (*selected presentation*, *presented by B. Sohngen*)

2014: A Community on Ecosystem Services: Linking Science, Practice and Decision Making (*presented on behalf of E.G. Irwin*)
Heartland Environmental and Resource Economics Workshop, Champaign, IL (*poster*)
Pathways 2014 Conference: Integrating Human Dimensions into Fish and Wildlife, Estes Park, CO
Association of Environmental and Resource Economics sessions at the 2014 Annual Meeting of the Southern Economic Association, Atlanta, GA
Annual Meeting of the Applied and Agricultural Economic Association, Minneapolis, MN

2013: Urban Economic Association sessions at the 60th Annual North American Meetings of the Regional Science Association International, Atlanta, GA
Heartland Environmental and Resource Economics Workshop at Champaign, IL
Annual Meeting of the Applied and Agricultural Economic Association, Washington, D.C.
6th Midwest Graduate Student Conference on Regional and Applied Economics, Columbus, OH
Midwest Economic Association Annual Meeting, Columbus, OH
13th Annual American Ecological Engineering Society Meeting, East Lansing, MI (*presented by S. Gebremariam*)
56th Annual Conference on Great Lakes Research, West Lafayette, IN (*presented by S.Gebremariam*)

2012: 4th International EcoSummit, Columbus, OH (*Poster*)
5th Annual Midwest Graduate Student Summit on Regional, Population, Health & Environmental Economics, West Lafayette, IN
Annual Meeting of the Applied and Agricultural Economic Association, Seattle, WA
Urban Economic Association sessions at the 59th Annual North American Meetings of the Regional Science Association International, Ottawa, Canada (*selected presentation*)

EXTENSION ACTIVITIES

Extension Program Overview

I have developed a strong and nationally recognized program that addresses critical farm management issues relevant to Iowa, New York, and the U.S., including the economics of farmland and cropping systems, analysis of technology adoption, international agriculture and agricultural trade, land management practices and nutrient reduction issues.

My extension program has four interrelated focus areas: (1) the analysis of U.S. farmland market; (2) the growing significance of China and Chinese agriculture to U.S. agricultural economy, especially through the ISU China Ag Center I co-founded; (3) conservation practice and technology adoption by row crop and specialty crop growers; (4) the interplay between agricultural production, land management decisions, and soil and water quality.

My extension program has received national and university awards, including the 2019 AAEA Bruce Garner Memorial Prize for Applied Policy Analysis Award, the 2021 AAEA Distinguished Extension/Outreach Program Award, Individual: Less than Ten Years' Experience, the 2025 Howard D. Doane Award from the American Society of Farm Managers and Rural Appraisers (ASFMRA), the 2021 Young Professional Achievement Award from the Ohio State University CFAES Alumni Society, the 2021 Iowa State University College of Agriculture and Life Sciences Early Achievement Award in Extension and Outreach and Iowa State University College of Agriculture and Life Sciences Dean's Citation for Extraordinary Contributions in 2020.

A New Extension Collaborative Initiative for New York State
A Joint Publication on New York State Farmland Market by Cornell Cooperative Extension, Dyson School, and ASFMRA Northeast Chapter

Guay, R., R. Stone, **W. Zhang**, S. Sweeney, P. Harrington, and K. McDowell. 2025. "2025 New York and Vermont Land Value Trends." A Joint Publication of Cornell Dyson School of Applied Economics and Management, Cornell Cooperative Extension, and the American Society of Farm Managers and Rural Appraisers (ASFMRA) Northeast Chapter. Available at https://www.asfmra.org/resources/land-trends or https://dx.doi.org/10.2139/ssrn.5402595
Zhang, W., B. Rideout, R. Guay, N. Guyer, D. Kuhn, J. Lagerquist, C. Loomis, K. McDowell, S. Pattison, R. Stone, S. Sweeney, K. Windecker, and C. Groom. 2026. "2026 US Northeast Land Value Trends: An ASFMRA and CCE Joint Publication." A Joint Publication of Cornell Dyson School of Applied Economics and Management, Cornell Cooperative Extension, and ASFMRA Northeast Chapter. SSRN: https://ssrn.com/abstract=7003398
Hinds, A., E. Thilmany, **W. Zhang**, and A. Shew. 2026. "2026 Northeast Farmland Market Report: A Transactions-Based Analysis." Cornell SC Johnson College of Business Research Paper. https://doi.org/10.2139/ssrn.7036118

Extension Web-Portals

New York State Large-Scale Solar Facility Web-Portal: https://tinyurl.com/NYSsolar

PFAS Exposure Risk Maps (for New York, Michigan, and Pennsylvania): https://pfasrisk.org/

Foreign Ownership of US Agricultural Lands Web-Maps: https://wendongzhang.weebly.com/extension/afida

Iowa Farmland Portal at www.card.iastate.edu/farmland/
Your One-Stop Web-Portal for Everything You Need to Know about Iowa's Farmland Value and Ownership

- Annual ISU Land Value Survey: https://www.card.iastate.edu/farmland/isu-survey
- 2017 and 2022 Iowa Farmland Ownership and Tenure Survey: https://www.card.iastate.edu/farmland/ownership/

ISU China Ag Center at www.card.iastate.edu/china/
The Center for China-US Agricultural Economics and Policy is a collaborative research center established by the Center for Agricultural and Rural Development (CARD) at Iowa State University and the Institute of Agricultural Economics and Development (CAAS-IAED), in the Chinese Academy of Agricultural Sciences. Housed separately under CARD and CAAS-IAED, the center conducts research and outreach in the areas of trade and agricultural markets, agricultural policy, resource and environmental policy, science and technology policy, and agricultural IO & institutions in crop and livestock sectors. The center publishes academic journal articles as well as policy briefs on key Chinese agricultural markets and policy issues that are geared toward both US and Chinese

policymakers, industry stakeholders, and the media.

Extension Conference Organized

New York State Assessors Association, Cornell Seminar (https://nyassessor.org/cornell-seminar)
Jointly organized with David Kay at Cornell Global Development
Week-long program attended by New York State assessors
Topics: Conservation Easements, Flooding Impacts on Property Values, Farmland Value and Ownership; Utility-Scale Solar Facilities; New York State's Agriculture Contributions to State Economy

89th to 94th Annual Soil Management and Land Valuation Conference, 2016-2022

Attendance: ~230 farm managers, appraisers, agricultural lenders
Topics: Agricultural Economy Outlook, Farmland and Equipment Values, Agricultural Carbon Credits Program, Farm Bill, Agricultural Trade and the Agricultural Economy, Weather Outlook, Fertilizer Prices, Conservation Easements, Crop and Livestock Market Outlook, Tenure and Transition Trends, Ag Law Update

Extension/Outreach Policy Briefs *(^ denote graduate students; * undergraduate students, + postdocs advised, $ visiting scholars)*

18. Hinds, A. and Plastina, A. and Rosenbohm, M. and **Zhang, W.**, American Relief Act, 2025: Economic Assistance for New York Crop Producers (February 06, 2025). Cornell SC Johnson College of Business Research Paper, Available at SSRN: https://ssrn.com/abstract=5230529

18. Ai, J., and Huang, W., and Li, M., and Zhang, T., and **W. Zhang**, 2025. Anticipating Trade Turbulence: Assessing the Economic Impacts of President Trump's Proposed Tariff Scenarios (January 28, 2025). Cornell SC Johnson College of Business Research Paper, Available at SSRN: https://ssrn.com/abstract=5113925 or http://dx.doi.org/10.2139/ssrn.5113925

17. Guay, R., R. Stone, **W. Zhang**, S. Sweeney, P. Harrington, and K. McDowell. 2024. "2024 New York State Land Value Trends." A Joint Publication of Cornell Dyson School of Applied Economics and Management, Cornell Cooperative Extension, and the American Society of Farm Managers and Rural Appraisers (ASFMRA) Northeast Chapter. Available at https://www.asfmra.org/resources/land-trends

16. Wang^, F., and **W. Zhang**. 2024. "Foreign Ownership and Leasehold of Agricultural Land in New York" Extension Bulletin EB 2024-02. Dyson School of Applied Economics and Management. Cornell University.

15. Cheng^, N., **W. Zhang**, and M. Gleason. 2023. "Controlling Pests and Diseases Using Mesotunnels: Understanding Organic Cucurbit Crop Growers' Preferences and Choices." Extension Bulletin EB 2023-05. Dyson School of Applied Economics and Management. Cornell University.

14. Tong^, J. and **W. Zhang**. 2023. "Iowa Farmland Ownership and Tenure Survey 1982-2022: A Forty-Year Perspective." Working paper 23-WP 651. Center for Agricultural and Rural Development, Iowa State University.

13. Tong^, J. and **W. Zhang**. 2022. "Educational Preferences on Farmland Leasing, Conservation Practices, and Transition Plans: Voices of Iowa Women Farmland Owners." Working paper 22-WP 633. Center for Agricultural and Rural Development, Iowa State University.

12. Crespi, J.M., C.E. Hart, C.C. Pudenz, L.L. Schulz, O. Wongpiyabovorn, and **W. Zhang**. 2022. "An Examination of Recent Fertilizer Price Changes." Staff report 22-SR 117. Center for Agricultural and Rural Development, Iowa State University.

11. Tidgren, K., and **W. Zhang**. 2021. "The Tax Implications of the American Families Plan on Iowa Farmland Owners" CARD Policy Brief 21-PB 35, August 2021, Center for Agricultural and Rural Development, Iowa State University.

10. Shr[+], Y., and **W. Zhang**. 2021. "Do Iowa Residents and Farmers Care about Improving Water Quality and Reducing Harmful Algal Blooms? Results from Two Household Surveys" CARD Policy Brief 21-PB 32, April 2021, Center for Agricultural and Rural Development, Iowa State University.

9. Morton[^], A., Y. Wang, and **W. Zhang**. 2021. "Willingness to Participate in Demand Response in the US Midwest: A Market with Great Potential?" CARD Policy Brief 21-PB 31, February 2021, Center for Agricultural and Rural Development, Iowa State University.

8. Maule[*], M., **W. Zhang**, and D. Baker. 2020. "Iowa Farmers' Business and Farm Transfer Plans: A Comparison between 2019 and 2006" CARD Policy Brief 20-PB 30, December 2020, Center for Agricultural and Rural Development, Iowa State University.

7. **Zhang, W**. 2020. "2020 Iowa State University Land Value Survey: Overview", CARD working paper 20-WP 613, December 2020, Center for Agricultural and Rural Development, Iowa State University.

6. He[+], X., D. Hayes, and **W. Zhang**. 2020. "China's Agricultural Imports under the Phase One Trade Deal: Is Success Possible in the COVID-19 Era?", *CARD Policy Brief* 20-PB 29, November 2020, Center for Agricultural and Rural Development, Iowa State University. [Originally Published in May 2020]

5. Qu, S., **W. Zhang,** M. Li[+], L. Rodriguez, G. Han, E. Cork, and J.M. Gbeda. 2019. "Midwest Crop Farmers' Perceptions of the U.S.-China Trade War", CARD working paper 19-PB 26, October 2019, Center for Agricultural and Rural Development, Iowa State University.

   - popular press article: **Zhang, W**., L. Rodriguez, and S. Qu. 2019. "3 Reasons Midwest Farmers Hurt by the US-China Trade War Still Support Trump", the Conversation, November 2019

4. **Zhang, W**. 2018. "2018 Iowa State University Land Value Survey: Overview", CARD working paper 18-WP 586, December 2018, Center for Agricultural and Rural Development, Iowa State University.

3. Balistreri, E.J., C. E. Hart, D.J. Hayes, M. Li[+], L. Schulz, D.A. Swenson, **W. Zhang**, and J.M. Crespi. 2018. "The Impact of the 2018 Trade Disruptions on the Iowa Economy." CARD Policy Brief 18-PB 25, September 2018, Center for Agricultural and Rural Development, Iowa State University.

   - Winner of the 2019 AAEA Bruce Garner Memorial Prize for Applied Policy Analysis Award

2. Li[+], M., **W. Zhang**, and D.J. Hayes. 2018. "China's Agricultural Import Potential." CARD Policy Brief 18-PB 23, July 2018, Center for Agricultural and Rural Development, Iowa State University.

1. Li[+], M., **W. Zhang**, and C.E. Hart. 2018. "What Can We Learn about U.S.-China Trade Disputes from China's Past Trade Retaliations?" CARD Policy Brief 18-PB-22. Center for Agricultural and Rural Development, Iowa State University.

Extension/Outreach Articles *(^ denote graduate students; + postdocs advised, $ visiting scholars)*

79. Taylor, M., F. Attah**, and W. Zhang.** 2023, "Foreign Investments in Agricultural Land." Southern Ag Today. May 2023.

78. **Zhang, W.** 2022, "Record Iowa Farmland Values despite Concerns about Higher Inflation, Interest Rates." Ag Decision Maker Newsletter, Iowa State University Extension and Outreach, December 2022

77. Tong, J., and **W. Zhang**. 2022. "Voices of Iowa Women Landowners on Conservation" Blog at Iowa Learning Farms and Conservation Learning Group

76. **Zhang, W.** 2022. "Will the Soaring Farmland Market Continue to Rise?" Ag Decision Maker Special Report,

Iowa State University Extension and Outreach, July 2022

75. **Zhang, W.** and M. Duffy, 2022, "Comparing the Stock Market and Iowa Land Values: A Question of Timing" Ag Decision Maker Newsletter, Iowa State University Extension and Outreach, July 2022

74. Du, Z., Feng, H., and **W. Zhang**. 2022. "Carbon and Nutrient Co-benefits of Large Conservation Programs: An Illustration with EQIP in Iowa." Agricultural Policy Review, Spring 2022. Center for Agricultural and Rural Development, Iowa State University

73. He, X., D. Hayes, and **W. Zhang**. 2022. "US Agricultural Exports to China during the Phase One Trade Deal: Larger Pie, Smaller Slice?" Agricultural Policy Review, Spring 2022. Center for Agricultural and Rural Development, Iowa State University.

72. Wan, X., Y. Ji, and **W. Zhang**. 2022. "Iowa Lakes Drive over $1 Billion in Recreational Spending each Year." Agricultural Policy Review, Spring 2022. Center for Agricultural and Rural Development, Iowa State University

71. He, X, M. Carriquiry, **W. Zhang**, and D. Hayes. 2021. "Predicting China's Corn Acreage and Production in 2021/22 and 2022/23". Agricultural Policy Review, Fall 2021, Iowa State University Center for Agricultural and Rural Development (CARD)

70. He, X., Gil DePaula, and **W. Zhang**. 2021. "Brazil's Transportation Infrastructure and Competitiveness in the Soybean Market" Agricultural Policy Review, Fall 2021, Iowa State University Center for Agricultural and Rural Development (CARD)

69. Li, M., and **W. Zhang**. 2021. "Finding Firmer Ground: the Role of Agricultural Cooperation in U.S.-China Relations." A report by U.S.-Heartland China Association and the Carter Center.

68. He[+], X., and **W. Zhang**. 2021. "China's Changing Population Structure and its Implications for US Agricultural Exports", *Agricultural Policy Review*, Iowa State University Center for Agricultural and Rural Development (CARD), Spring 2021

67. **Zhang, W.** 2021. "Will Iowa Farmland Values Continue to Rise?", *Agricultural Policy Review*, Iowa State University Center for Agricultural and Rural Development (CARD), Spring 2021

66. Cheng, N., and **W. Zhang**. 2021. "How do We Assess the Economic Efficiency of Mesotunnels? An Economist's Take" ISU "Current Cucurbit" Blog, January 2021

65. Cheng, N., and **W. Zhang**. 2021. "Does Investing in the Intelligent Sprayer Make Economic Sense?" ISU "Smart Spraying for Apples" Blog, January 2021

64. He[+], X., D. Hayes, and **W. Zhang**. 2021. "Is China's Hog Rebuilding Complete? Reconciling Inventory and Price Data", *Agricultural Policy Review*, Iowa State University Center for Agricultural and Rural Development (CARD), Winter 2021

63. **Zhang, W.** 2021. "Outlook for Land Values in 2021 and Beyond: Results from the 2020 Iowa Land Value Survey" *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. January 2021

62. **Zhang, W.** 2020. "A Brief Argument for Healthy US-China Agricultural Trade Relations Despite Deglobalization Pressures" *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. November 2020

61. **Zhang, W.,** and M. Li**,** 2020. "Most US Farmers Remain Loyal to Trump Despite Pain from Trade Wars and COVID-19" *the Conversation*. October 2020 (French Version)

60. He[+], X., D. Hayes, and **W. Zhang**. 2020. "Upheaval in China's Corn Market: Will China Expand Its Corn Tariff Rate Quota?", *Agricultural Policy Review*, Iowa State University Center for Agricultural and Rural Development

(CARD), Fall 2020

59. He[+], X., D. Hayes, and **W. Zhang**. 2020. "The Impact of Flooding on China's Agricultural Production and Food Security in 2020", *Agricultural Policy Review*, Iowa State University Center for Agricultural and Rural Development (CARD), Fall 2020

58. Chen[^], C., T. Xiong[$], and **W. Zhang**. 2020. "Large Hog Companies Gain from China's Ongoing African Swine Fever", *Agricultural Policy Review*, Iowa State University Center for Agricultural and Rural Development (CARD), Spring 2020

57. He[+], X., and **W. Zhang**. 2020. "Implications of Hong Kong's Potential Special Status Revocation for Agricultural Trade between the United States, Hong Kong, and Mainland China", *Agricultural Policy Review*, Iowa State University Center for Agricultural and Rural Development (CARD), Spring 2020

56. **Zhang, W.**, and M. Duffy. 2020. "Agricultural Professionals Expect Lower Farmland Values Over the Next 18 Months" *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. July 2020

55. **Zhang, W.**, and T. Xiong[$]. 2020. "The Coronavirus Will Delay Agricultural Export Surges Promised in Trade Deal with China", the Conversation, March 2020

54. Balistreri, E., **W. Zhang**, and J. Beghin. 2020. "The State-level Burden of the Trade War: Interactions between the Market Facilitation Program and Tariffs", *Agricultural Policy Review*, Iowa State University Center for Agricultural and Rural Development (CARD), Winter 2020

53. **Zhang, W.** 2020. "US-China Phase 1 Trade Deal and US Agriculture: A Big Win for Farmers or Too Good to Be True?" *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. February 2020

52. Carriquiry, M., A. Elobeid, D. Hayes, and **W. Zhang**. 2019. "Impacts of African Swine Fever on US and World Commodity Markets", *Agricultural Policy Review*, Fall 2019, Iowa State University

51. **Zhang, W**., L. Rodriguez, and S. Qu. 2019. "3 Reasons Midwest Farmers Hurt by the US-China Trade War Still Support Trump", ***the Conversation***, November 2019

50. Li, M., T. Xiong, Y. Ji., **W. Zhang**, and D. Hayes, 2019. "African Swine Fever in China: An Update." *Agricultural Policy Review*, Winter 2019, Iowa State University

49. Xiong, T., and **W. Zhang,** 2019. "Who Benefits Most from China's Growing Import Demand due to African Swine Fever", *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. August 2019

48. **Zhang, W.**, 2019. "The Impacts of Trade Wars on US Agricultural Economy via Historical and Contemporary Lenses", Farmland Insights, Summer 2019

47. **Zhang, W.** and M. Duffy, 2019, "Comparing the Stock Market and Iowa Land Values: A Question of Timing" *Ag Decision Maker Newsletter*, Iowa State University Extension and Outreach, July 2019

46. **Zhang, W.**, and S.D. Johnson. 2019. "Agricultural Professionals Expect Lower Land Values and Stable Crop Prices", *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. June 2019

46. **Zhang, W.**, 2019. "Seven Things to Know About China to Understand the Trade War", *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. February 2019

45. **Zhang, W**., 2018, "Iowa Land Value Survey Overview 2018" Iowa State University, December 2018

44. **Zhang, W.,** 2018, "Iowa Land Value Survey News Release 2018" Iowa State University, December 2018

43. **Zhang, W.,** 2018, "Iowa Land Value Survey Brochure 2018" Iowa State University, December 2018

42. **Zhang, W.**, 2018, "Commodity prices and higher interest rates drive modest farmland value loss", *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. December 2018

41. Shao, Y, M. Li, **W. Zhang**, and D. Hayes, 2018. "World's Largest Pork Producer in Crisis: African Swine Fever Outbreak in China." *Agricultural Policy Review*, Winter 2018, Iowa State University

40. **Zhang, W.**, and A. Plastina, 2018. "ISU Survey: Iowa's Farmland Owners Continue to Age", Iowa State University Extension and Outreach. June 2018

39. **Zhang, W.**, A. Plastina, and W. Sawadgo, 2018. "Iowa Farmland Ownership and Tenure Survey 1982-2017: A Thirty-five Year Perspective", *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. July 2018

38. Li. M., **W. Zhang**, and D.J. Hayes. 2018. "Can China's Rural Land Policy Reforms Solve Its Farmland Dilemma?" *Agricultural Policy Review*, Spring 2018, Iowa State University

37. Li, M, **W. Zhang**, and C.E. Hart. 2018, "Key agricultural products in U.S.-China trade disputes: the proportional, the significant, and the substitutable", *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. April 2018

36. **Zhang, W.**, and M. Li, 2018, "Navigating the Chinese agricultural economy through the lens of Iowa", *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. February 2018

35. **Zhang, W**., 2017, "Iowa Land Value Survey Overview 2017" Iowa State University, December 2017

34. **Zhang, W.,** 2017, "Iowa Land Value Survey News Release 2017" Iowa State University, December 2017

33. **Zhang, W.,** 2017, "Iowa Land Value Survey Brochure 2017" Iowa State University, December 2017

32. **Zhang, W.**, 2017, "Where Are Iowa and U.S. Land Values Headed?", *Proceedings of 2017 Crop Advantage Series*, Iowa State University Extension and Outreach, January 2018

31. **Zhang, W.**, 2017, "Recent Developments in China and Its Impacts on U.S. Agricultural Trade", *Proceedings of 2017 Crop Advantage Series*, Iowa State University Extension and Outreach, January 2018

30. **Zhang, W.**, 2017. "Iowa Farmland Values Increase After Three Years of Decline" *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. December 2017

29. **Zhang, W.**, 2017, "Where Are Iowa and U.S. Land Values Headed?", *Proceedings of 2017 29th Annual Integrated Crop Management Conference*, Iowa State University Extension and Outreach, November 2017

28. **Zhang, W.**, 2017, "Recent Developments in China and Its Impacts on U.S. Agricultural Trade", *Proceedings of 2017 29th Annual Integrated Crop Management Conference*, Iowa State University Extension and Outreach, November 2017

27. Li, M., **W. Zhang**, and D. Hayes. 2017. "China's New Nationwide E10 Ethanol Mandate and Its Global Implication." *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. November 2017

26. **Zhang, W.**, 2017. "Are Agricultural Professionals' Farmland Value and Crop Price Forecasts Consistent?" *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. October 2017

25. **Zhang, W.**, 2017. "Land Quality Perceptions in Expert Opinion Surveys: Evidence from Iowa." *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. August 2017

24. **Zhang, W.**, 2017. "Where Are Iowa and U.S. Land Values Headed?" *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. July 2017

23. **Zhang, W.,** 2017. "What's Happening with U.S. Land Values?" *Farmland in Perspectives*, Summer 2017

22. **Zhang, W.,** 2017. "Four Reasons Why We Aren't Likely to See a Replay of the 1980's Farm Crisis." *Agricultural Policy Review*, Center for Agricultural and Rural Development, Spring 2017

21. **Zhang, W.** and A. Janke. 2017. "USDA announces CRP changes to help improve water quality, wildlife habitat, and land transfers to beginning farmers." *Ag Decision Maker Newsletter*. Iowa State University Extension and Outreach. March 2017

20. **Zhang, W.**, 2017. "Outlook for the U.S. Agricultural Economy." Op-ed Article for Des Moines Business Record. January 2017

19. **Zhang, W.,** 2017, "Interpretation of 2016 Iowa Land Value Survey Results", *Ag Decision Maker Newsletter*, Iowa State University Extension and Outreach, January 2017

18. Wu, Q. and **W. Zhang**, 2016, "Of Maize and Markets: China's New Corn Policy", *Ag Decision Maker Newsletter*, Iowa State University Extension and Outreach, December 2016

17. **Zhang, W**., 2016, "Iowa Land Value Survey Overview 2016" Iowa State University, December 2016

16. **Zhang, W.,** 2016, "Iowa Land Value Survey News Release 2016" Iowa State University, December 2016

15. **Zhang, W.,** 2016, "Iowa Land Value Survey Brochure 2016" Iowa State University, December 2016

14. **Zhang, W.**, 2016, "Agricultural Land Management and Downstream Water Quality: Insights from Lake Erie", *Proceedings of 2016 28th Annual Integrated Crop Management Conference*, Iowa State University Extension and Outreach, November 2016

13. **Zhang, W.**, 2016, "Iowa Farmland Market Update: Are We Seeing a Replay of the 1980's", *Proceedings of 2016 28th Annual Integrated Crop Management Conference*, Iowa State University Extension and Outreach, November 2016

12. Wu, Q. and **W. Zhang**, 2016, "Of Maize and Markets: China's New Corn Policy", *Agricultural Policy Review*, Center for Agricultural and Rural Development, Fall 2016 (Chinese Translations by China-America Commodity Data Analytics Inc.)

11. **Zhang, W.**, "How Tight is the Iowa Farmland Supply?", *Ag Decision Maker Newsletter*, Iowa State University Extension and Outreach, October 2016

10. Hart, C. and **W. Zhang**, 2016, "Crude Oil Prices and U.S. Crop Exports: Exploring the Secondary Links between the Energy and Ag Markets" *Agricultural Policy Review*, Center for Agricultural and Rural Development, Spring 2016

9. **Zhang, W.** and M. Duffy, 2016, "Comparing the Stock Market and Iowa Land Values: A Question of Timing" *Ag Decision Maker Newsletter*, Iowa State University Extension and Outreach, April 2016

8. **Zhang, W.**, 2016, "Iowa 2015 Land Values Survey – Results and Outlook" *Ag Decision Maker Newsletter*, Iowa State University Extension and Outreach, January 2016

7. **Zhang, W.**, 2015, "Iowa Land Value Survey Overview 2015" Iowa State University, December 2015

6. **Zhang, W.**, 2015, "Iowa Land Value Survey News Release 2015" Iowa State University, December 2015

5. **Zhang, W.**, 2015, "Iowa Land Value Survey Brochure 2015" Iowa State University, December 2015

4. **Zhang, W.**, 2015, "Who Owns and Rents Iowa's Farmland" *Ag Decision Maker Newsletter*, Iowa State University Extension and Outreach, December 2015

3. **Zhang, W.**, 2015, "The Commonalities and Differences between U.S. and Chinese Agriculture" *Agricultural Policy Review*, Center for Agricultural and Rural Development, Fall 2015

2. **Zhang, W.**, 2015, "How Different is China's Agriculture from the U.S." *Ag Decision Maker Newsletter*, Iowa State University Extension and Outreach, November 2015

1. **Zhang, W.**, 2015, "Who Buys and Rents Iowa's Farmland" *Proceedings of 2015 Integrated Crop Management Conference*, Iowa State University Extension and Outreach, November 2015

Reoccurring Extension Information Files *(^ denote graduate students; + postdocs advised, $ visiting scholars)*

Annually Updated every December 2015-2022

2. **Zhang, W.**, "Iowa Land Value Survey Iowa State University" *Ag Decision Maker Information File C2-70*, Iowa State University Extension and Outreach

1. **Zhang, W.**, "Historical County Farmland Values since 1967" *Ag Decision Maker Information File C2-72*, Iowa State University Extension and Outreach

Non-Reoccurring

3. **Zhang, W.**, A. Plastina, and W. Sawadgo^, 2018, "Survey of Iowa Leasing Practices" *Ag Decision Maker Information File C2-15*, Iowa State University Extension and Outreach, July 2018

2. **Zhang, W.**, A. Plastina, and W. Sawadgo^, 2018, "Crop Share Leasing Provisions" *Ag Decision Maker Information File C2-30*, Iowa State University Extension and Outreach, July 2018

1. **Zhang, W.**, 2015, "Who Owns and Rents Iowa's Farmland" *Ag Decision Maker Information File C2-78*, Iowa State University Extension and Outreach, December 2015

Decision Tools & Databases *(^ denote graduate students; + postdocs advised, $ visiting scholars)*

3. He[+], X., T. Xiong[$], and **W. Zhang**, 2020, "COVID-19 Economic Database: China", Center for Agricultural and Rural Development (Updated in October 2020)

2. Li[+], M., T. Xiong, Y. Ji., **W. Zhang**, and D. Hayes, 2018, "African Swine Flu Cases in China (Mainland)" Center for Agricultural and Rural Development

1. **Zhang, W.**, 2019, "Historical Land Value Survey Results 1950-2019" *Ag Decision Maker Information File C2-70*, Iowa State University Extension and Outreach, December 2019

Webcasts (vimeo or YouTube)

Detailed List of Webcasts Available at https://wendongzhang.weebly.com/webcasts.html

These events are hosted by American Society of Farm Managers and Rural Appraisers, University of Nebraska at Lincoln, Michigan Corn Growers Association, FarmDoc, Things that Go Boom, Iowa State University, Farm4Profit Podcast, the Ohio State University, Acre Value, and U.S. Heartland China Association

Extension and Outreach Presentations (# Participants in Parenthesis)

Detailed List of Extension Presentations Available at https://wendongzhang.weebly.com/extension-presentations.html)

These events are hosted by American Society of Farm Managers and Rural Appraisers, Farm Foundation, FCS Stone, Farrell Growth Group, the Federal Reserve Bank at Chicago, Syngenta, Farm Futures Business Sumit, Agri-Investor Forum, Farmer Mac, the North American Meat Institute, American Farm Bureau Federation, National Agricultural Credit Committee, C-FARE, USDA Agricultural Outlook Forum

SELECTED MEDIA CONTACTS and INTERVIEWS

Detailed List of Media Contacts Since Joining Cornell University

I have been interviewed by many international and national media outlets, including:

The New York Times
Bloomberg News
Wall Street Journal
NBC News
China Daily
Washington Post
Xinhua News
National Public Radio
The Economist
Science Magazine
Fortune Magazine
Voice of America
Iowa Public Radio
Iowa Public TV
Asia First News (Singapore)
Yahoo Finance
Iowa Farmer Today
Des Moines Register
The Huffington Post
Nikkei American Inc.
Successful Farming
Radio Iowa
The Iowa Farm Bureau Spokesman
South China Morning Post
Spectrum News
The Quartz
Associated Press

TEACHING EXPERIENCE

Instructor - Cornell University

AEM 2500: Environmental and Resource Economics (105 students enrolled) Fall 2023
Student Evaluation: 3.68 out of 5, good (47 out of 105 students)

Instructor - Iowa State University

ECON 364: Rural Property Appraisal (co-taught with Don Foley) Spring 2022
Student Evaluation: 4.5 out of 5, good (36 out of 41 students)

ECON 581: Advanced Environmental Economics (co-taught with Gil DePaula) Fall 2021
Student Evaluation: 5 out of 5, excellent (7 out of 7 students)

ECON 480/580: Intermediate Environmental and Resource Economics Spring 2021
(co-taught with Gil DePaula)
Econ 480 Student Evaluation: 4.4 out of 5, good (9 out of 11 students)
Econ 580 Student Evaluation: 5 out of 5, good (2 out of 3 students)

ECON 364: Rural Property Appraisal (co-taught with David Nebel) Spring 2021
Student Evaluation: 4.5 out of 5, good (21 out of 34 students)

ECON 581: Advanced Environmental Economics (co-taught with Gil DePaula) Fall 2020
Student Evaluation: 4.6 out of 5, good (10 out of 12 students)

ECON 460: Agricultural and Trade Policy (co-taught with Chad Hart, John Crespi, Alejandro Plastina, Keri Jacobs) Fall 2020
Student Evaluation: 4.4 out of 5, good (23 out of 49 students)

ECON 194X: Contemporary Chinese Economy Spring 2020
Student Evaluation: 4.3 out of 5, good (8 out of 10 students)

ECON 364: Rural Property Appraisal (co-taught with David Nebel) Spring 2020
Student Evaluation: 3.9 out of 5, good (34 out of 42 students)
Peer Evaluation: Excellent for overall evaluation

ECON 364: Rural Property Appraisal 2017-2019
Spring 2019 Student Evaluation: 4.1 out of 5, good (36 out of 41 students)
Spring 2018: Student Evaluation: 4.3 out of 5, good (36 out of 40 students)
Spring 2017: Student Evaluation: 4.5 out of 5, good (39 out of 39 students)

ECON 364: Rural Property Appraisal Spring 2016
Student Evaluation: 3.7 out of 5, good (39 out of 42 students)
Peer Evaluation: 4.5 out of 5, good to excellent (2 colleagues)

Teaching Experience at the Ohio State University

China's Economic Reform and Globalization, Sole Instructor (SEI: 4.9 out of 5, 26 students) Spring 2013
The Sustainable Economy: Concepts and Methods, Assistant Instructor Spring 2014

STUDENT ADVISING

CORNELL UNIVERSITY

Ph.D. Advisees as Major or Co-Major Professor:

Francisco Flores (joint with David Just) since fall 2023
Alan Hinds, since fall 2024

Postdoctoral Researcher as Major or Co-Major Advisor:

Jasmin Wehner, Co-Major Professor (with Dr. Chris Wolf), since 2024 (Ph.D. from University of Gottingen, Germany)

Jianwei Ai, Major Professor, since 2024 (Ph.D. from Renmin University of China)

Jingyi Tong, Major Professor, since 2025 (Ph.D. from Iowa State University)

Ph.D. Program of Study Committee Minor Member:

Mike Huang, Program of Study Committee Minor Member, since 2023 (Completed in 2024; First Placement: Research Economist, Freddie Mae)
Emil Kee-Tui, Program of Study Committee Minor Member, since 2024
Terry Zhang, Program of Study Committee Minor Member, since 2024
Yunran Wang, Program of Study Committee Minor Member, since 2024
Feiyu Wang, Program of Study Committee Minor Member, since 2024
Jerzy Jaromczyk, Program of Study Committee Minor Member, since 2023

Ph.D. Program of Study Committee Member for non-Cornell student:

Chad Fiechter, Ph.D. in Purdue University (completed in 2023; Ph.D. advisor: Todd Kuethe; First Placement: Assistant Professor, Purdue University, Department of Agricultural Economics)

Ph.D. Program of Study Committee Member for Non-Economics Students at Cornell University:

Preetaman Bajwa, Program of Study Committee Member with Ph.D. in Plant Sciences, since 2024

M.S. Advisees as Major or Co-Major Professor:

Ruihua Guo, Dyson School AEM MS Graduate in 2025 (Completed, First Placement: Ph.D. Program, National University of Singapore, Department of Real Estate (DRE), NUS Business School)
Yuhui Zhao, Dyson School AEM MS Graduate in 2024; Research Support Specialist after Graduation 2024-2025 (Joint with Dr. Cathy Kling)
Fangyao Wang, Dyson School AEM MS Graduate in 2023; Research Support Specialist after Graduation 2023-2024 (Joint with Dr. Peter Peng Liu, First Placement: Ph.D. Program, University of Wisconsin – Madison, Department of Agricultural and Applied Economics)
Devin Devin, Dyson School AEM MS, since 2025
Zihan Chen, Dyson School AEM MS, since 2025

Master's Program of Study Committee:

Alan Cui, Program of Study Committee Member, since 2024 (Ongoing)
Hongyu Zhao, Program of Study Committee Member, Graduated in 2025 (First Placement: Ph.D. Program, Michigan State University, Department of Agricultural Economics)
Yilin Zheng, Program of Study Committee Member, since 2024 (Completed in 2025)
Heting Li, Program of Study Committee Member, since 2022 (Completed in 2023)
Zisu Xie, Program of Study Committee Member, since 2022 (Completed in 2023)

Undergraduate or High School Student Research Project Advisors

Justin Chengzhi Li, Dyson School AEM Undergraduate Student and Cornell Rawlings Scholar, 2023-2024

Vincent Qiu, Jericho High School, Jericho NY, 2023

IOWA STATE UNIVERSITY

Postdoctoral Researcher as Major or Co-Major Advisor:

Anton Yang, Co-Major Professor (with Dr. Edward Balistreri), since 2021 (Completed in 2022, First Placement: Postdoctoral Researcher, Yale University, Department of Economics)

Xi He, Co-Major Professor (with Dr. Dermot Hayes and Dr. Edward Balistreri), since 2020 (Completed in 2022, First Placement: Assistant Professor, Virginia Tech University, Department of Agricultural and Applied Economics)

Minghao Li, Co-Major Professor (with Dr. Dermot Hayes), since 2017 (Completed in 2019, First Placement: Assistant Professor of Economics, Applied Statistics & International Business at New Mexico State University)

Ph.D. Advisees as Major or Co-Major Professor:

Xiaolan Wan, Program of Study Committee Major Professor, since 2021 (Ongoing)

Wendiam Sawadgo, Program of Study Committee Co-Major Professor (with Dr. Alejandro Plastina), since 2018 (Completed in 2020, First Placement: Tenure Track Assistant Professor and Extension Economist, Auburn University, Department of Agricultural Economics and Rural Sociology)
(2021 CARD Award for Best Ph.D. Dissertation in Agricultural, Environmental, and Energy Economics and Policy)

- Ph.D. Thesis: "Land tenure, agri-environmental policy, and conservation practice use in Iowa"

Xibo Wan, Program of Study Committee Major Professor, since 2019
(Completed in 2021, First Placement: Postdoctoral Researcher, MIT Center for Energy and Environmental Policy Research - CEEPR)

- Ph.D. Thesis: "Three Essays on Hazardous Chemical Policy, Source Water Protection, and Recreational Value"

Nieyan Cheng, Program of Study Committee Major Professor, since 2019
(Completed in 2022, First Placement: Assistant Professor, College of Economics and Management, China University of Petroleum – Beijing)
(2021 AAEA Extension Graduate Student Competition Finalist; 2023 CARD Award for Best Ph.D. Dissertation in Agricultural, Environmental, and Energy Economics and Policy)

- Ph.D. Thesis: "Three Essays on Agri-Environmental Policy and Hazardous Materials"

Wenran Fan, Program of Study Committee Major Professor, since 2021
(Completed in 2023, First Placement: Postdoctoral Researcher, Duke University Sanford School of Public Policy)

- Ph.D. Thesis: "Three Essays on the Economics of Consumer and Recreational User Behavior"

Ph.D. Program of Study Committee:

Jingyi Tong, Program of Study Committee Member, since 2022 (Ongoing)
Kyunghoon Ban, Program of Study Committee Member, since 2021 (Completed in 2023)
Jian Chen, Program of Study Committee Member, since 2021 (Completed in 2024)
Xiaorui Qu, Program of Study Committee Member, since 2021 (Completed in 2022)
Miracle-Rose Toppar, Program of Study Committee Member, since 2020 (Completed in 2022)

Qing Liu, Program of Study Committee Member, since 2019 (Completed in 2021)
Liyuan Ma, Program of Study Committee Member, since 2019 (Completed in 2021)

Shirui Wang, Program of Study Committee Member, since 2019 (Completed in 2020)
Yulong Chen, Program of Study Committee Member, since 2019 (Completed in 2020)
Jia Cao, Program of Study Committee Member, since 2019 (Completed in 2020)
Ming Jin, Program of Study Committee Member, since 2016 (Completed in 2020)
Xiaogang, Li, Program of Study Committee Member, since 2018 (Completed in 2020)
Qiong Wu, Program of Study Committee Member, since 2018 (Completed in 2019)
Xianjun Qiu, Program of Study Committee Member, since 2017 (Completed in 2018)
Xiaoguang Feng, Program of Study Committee Member, since 2017 (Completed in 2017)
Qianrong Wu, Program of Study Committee Member, since 2016 (Completed in 2017)
Jae-Hoon Sung, Program of Study Committee Member, since 2016 (Completed in 2016)

Master's Advisees as Major or Co-Major Professor:

Albulena Basha, Program of Study Committee Major Professor, since 2018 (Completed in 2019, Kosovo American Education Fund Fellow, Recipient of 2019 NACTA Graduate Student Teaching Award; Junior Advisor, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH)

- Master Thesis: "Effects of Interest Rate Changes on Midwestern US Farmland Values"

Grant Durbahn, Program of Study Committee Co-Major Professor, since 2021 (with Dr. Peter Orazem) (Completed in 2021, Market Research Analyst at CF Industries, Deerfield, IL)

Master's Program of Study Committee:

Jiacheng Tian, Program of Study Committee Member, since 2019 (Completed in 2020)
Jee-Hae Ha, Program of Study Committee Member, since 2016 (Completed in 2020)
Jennifer Zarek, Program of Study Committee Member, since 2016 (Completed in 2016)
Ashley Garrand, Program of Study Committee Member, since 2018 (Completed in 2019)
Pulasthi Amarasinghe, Graduate Research Associate, since 2016 (Completed in 2017, Ph.D. student, University of North Carolina, Department of Economics)

Visiting Ph.D. Student from China (co-advised with Dr. Dermot Hayes):

Hongkun Ma, Chinese Academy of Agricultural Sciences, Fall 2019 – Fall 2020 (Completed)
Wenting Wang, Zhejiang University, Fall 2018 – Fall 2020 (Completed)
Yue Hu, China Agricultural University, Fall 2018 – Fall 2020 (Completed)
Chuqiao Peng, Renmin University of China, Fall 2018 – Fall 2019 (Completed)
Pingping Wang, China Agricultural University, Fall 2017 – Fall 2018 (Completed)

Visiting Scholars from China (co-advised with Dr. Dermot Hayes):

Tao Xiong, Associate Professor, Huazhong Agricultural University, Spring 2019 – Spring 2020 (Completed)
Yongtong Shao, Associate Professor, Tianjin University of Commerce, Fall 2017 – Fall 2018 (Completed)

Undergraduate Honors Students:

Beatrice Maule, Undergraduate Researcher, "Of Women and Land: How Gender Affects Successions and Transfers of Iowa Farms", Spring 2021 – Summer 2021

- Winner of the AAEA 2021 Undergraduate Student Section Undergraduate Paper Competition

Madison Mueller, Undergraduate Honors Thesis Project, "Do Wealthier Landowners Have Better Timing in Their Farmland Purchases? Evidence from a Twenty-Year Panel", Spring 2019
Marina Awureda, Freshman Honors Program, "Heterogeneity of Responses to 2015 and 2016 Iowa Land Value Survey", Fall 2018 – Spring 2019
Marta Grant, Freshman Honors Program, "Entrepreneurship and Start-Ups in the Agricultural Industry", Fall 2017
Grace Rens, Freshman Honors Program, "Heterogeneity of Responses to 2015 and 2016 Iowa Land Value Survey", Spring 2017

PROFESSIONAL SERVICE

Professional Leadership:

Board of Director (2023-2024), Northeast Agricultural and Resource Economics Association (NAREA)
Board of Director (2022-2023 and 2025-26), Chinese Economists Society (CES)
Board Member (2024-2026), International Advisory Board, Shaanxi Normal University International Business School
President (2019-2020), President-Elect (2018-2019), NC-1177 Multistate Research Project "Agricultural and Rural Finance Markets in Transition (NC1014, NC221, NCT-194)"
Past Chair (2020-2021), Chair (2019-2020), Chair-Elect (2018-2019), Agricultural & Applied Economics Association (AAEA) Agricultural Finance and Management (AFM) Section

Journal Referee:

American Journal of Agricultural Economics
Nature Food
Journal of Environmental Economics and Management
Land Use Policy
Southern Economic Journal
Land Economics
Food Policy
Ecological Economics
European Review of Agricultural Economics
Canadian Journal of Agricultural Economics
Agricultural Economics
Agricultural Economic Perspectives and Policy
Science of the Total Environment
Ecological Indicators
Journal of Agricultural and Applied Economics
Journal of Agricultural and Resource Economics
Water Resources Research
Journal of Environmental Management
Agricultural Finance Review
Journal of Integrative Agriculture
Agricultural and Resource Economics Review
Journal of Soil and Water Conservation
China Agricultural Economic Review
Journal of Integrative Agriculture
Journal of Applied Economics and Policy
Agriculture
USDA Economic Research Service Information Bulletin
NSF Proposals
USDA AFRI Grant Review Panel

Invited Government Panel:

US EPA Hypoxia Task Force Ecosystem/Social Metrics Working Group, 2020-2022
NYSERDA Regional Agronomic Impacts from Solar Energy (RAISE) Committee, 2024-Present

Professional Membership:

American Economic Association (AEA)
Agricultural and Applied Economics Association (AAEA)
Association of Environmental and Resource Economists (AERE)

Northeastern Agricultural and Resource Economics Association (NAREA)
Chinese Economist Society (CES)

INSTITUTIONAL SERVICE

Departmental Service at Cornell University:

2025: Ph.D. Admissions Committee
AEP Seminar Co-Organizer
CALS Awards Committee

2024: Ph.D. Admissions Committee
AEP Seminar Co-Organizer

2023: Ph.D. Placements Committee
Ph.D. Admissions Committee
AEP Seminar Co-Organizer
Ad Hoc Committee for Promotion for Dr. Ray Zimmerman
Ad Hoc Committee for Promotion for Dr. Frank Ge

2022: Ph.D. Placements Committee
Ad Hoc Committee for Promotion for Dr. Jie Li

Service to Iowa State Extension and Outreach:

2018: Farm Progress Show 2018, Ask an Expert
2017: Farm Progress Show 2017, Ask an Expert
2016: Farm Progress Show 2016, Ask an Expert
ANR Extension Strategic Planning Committee

Departmental Service at Iowa State University:

2019-2022: Graduate Recruiting and Admissions Committee
Departmental Seminar Committee

2019: Economics Council 2019-2020
CALS Faculty Recruiting Committee (Assistant Professor in Environmental and Resource Economics; and Associate or Full Professor in Agricultural/Environmental Economics), 2019-2020

2018: Practice Job Talks for Graduate Students
"U.S. Job Market for Non-Native Speakers of English", Presentation for Graduate Students
Departmental Seminar Committee 2018-2019

2017: Departmental Seminar Committee 2017-2018

2016: Practice Job Talks for Graduate Students
Seminar on Job Market Tips from Recent Graduates (with I. Rudik)
Departmental Seminar Committee 2016-2017
Presentation to Ag Business Club
Environmental Resource Economics Workshop, Co-Organizer

2015: Seminar on Job Market Tips from Recent Graduates (with I. Rudik)

ADDITIONAL SKILLS

Software Packages: Proficient in STATA. R and SAS
Programming Languages: MATLAB, and Python
Other: ArcGIS Suite, LaTeX, and GeoDa

Language: English, Mandarin Chinese (native), Cantonese (listening)