Chen-Ti Chen

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Professional Appointments

The Ohio State University 2023 Aug.–
Assistant Professor, Department of Agricultural, Environmental, and Development Economics

Cornell University 2021 Jun.–2023 May
Postdoctoral Research Associate, Dyson School of Applied Economics and Management
and Cornell Lab of Ornithology

Education

Ph.D., Economics, Iowa State University, 2021

M.S., Agricultural & Resource Economics, University of California, Davis, 2015

B.S., Agricultural Economics, National Taiwan University, 2012

Peer-Reviewed Publications

Chen, C.-T., G.E. Lade, J.M. Crespi, and D.A. Keiser. 2025. **Size-Based Regulation and Water Quality: Evidence from the Iowa Hog Industry.** *American Journal of Agricultural Economics.* 1-27.

Xiong, T., W. Zhang, and C.-T. Chen. 2021. **A Fortune from Misfortune: Evidence form Hog Firms' Stock Price Responses to China's African Swine Fever.** *Food Policy.* 105: 102152.

Chen, C.-T., J.M. Crespi, W.F. Hahn, L.L. Schulz, and F.A. Taha. 2020. **Long-Run Impacts of Trade Shocks and Export Competitiveness: Evidence from the U.S. BSE Event.** *Agricultural Economics.* 51(6): 941-958.

Working Papers

Bird Returns on Public Investment in the Conservation Reserve Program (with Alison Johnston, Catherine Kling, Tianjiao Mei, Amanda Rodewald, and Ivan Rudik) *R&R at Nature Communications*

Large Livestock Facilities and Farmland Values: Evidence from Competitive Bidding (with Yongjie Ji, Qinan Liu, and Wendong Zhang) *R&R at Land Economics*

Selected Work in Progress

Hog Production and Environmental Quality: Evidence from Taiwan's Foot-and-Mouth Disease Outbreak in 1997 (With Feng-An Yang)

Property Value and Sorting Effects from Locally Undesirable Land Uses (with Yongjie Ji, Tracy Turner, and Jingke Wu)

Do Birds Help or Hurt Row Crop Yields? Plot-Level Evidence from Seed Trials (with Seungki Lee, Wendong Zhang, Amanda Rodewald, and Christopher Woods)

The Role of AFOs and CAFOs in Driving Continuous Corn Cultivation: Evidence from Two Corn Belt States (with Yongjie Ji, Qinan Liu, and Wendong Zhang)

Extension and Outreach Publications

Chen, C.-T. and G. Ruff. 2026. Environmental Quality Incentives Program: A Fact Sheet for Beef Producers. *Ohio Ag Manager*, Ohio State University Extension.

Sun, Z. and C.-T. Chen. 2025. Economic Perspective on the U.S. Livestock Market. *AEDE Bulletins*, Department of Agricultural, Environmental, and Development Economics, The Ohio State University, 17 October 2025.

Chen, C.-T., J.M. Crespi, and Y. Ji. 2025. The United States' Competitive Positions in Beef, Corn, Pork, Soy, and Wheat Exports: 1980-2023. *CARD Agricultural Policy Review, Winter 2025.*

Chen, C.-T., J.M. Crespi, and Y. Ji. 2021. The United States' Competitive Positions in Beef, Corn, Pork, Soy, and Wheat Exports: 1980—2019. *CARD Agricultural Policy Review, Winter 2021.*

Chen, C.-T., T. Xiong, and W. Zhang. 2020. Large Hog Companies Gain from China's Ongoing African Swine Fever. *CARD Agricultural Policy Review, Spring 2020.*

Crespi, J.M. and C.-T. Chen. 2019. The United States' Fraught Competitive Position in the World Wheat Market. No. 19-PB 27. *CARD Policy Briefs.*

Crespi, J.M. and C.-T. Chen. 2019. Global Competition Made 2018 a Bad Time to Start a Trade War. *CARD Agricultural Policy Review, Fall 2019.*

Chen, C.-T., G.E. Lade. 2018. Environmental Regulation of Hog Feeding Operations. *CARD Agricultural Policy Review, Spring 2018.*

Chen, C.-T., J.M. Crespi, and L.L. Schulz. 2017. US Export Beef Competitiveness: Do Cattle Inventories Matter? *CARD Agricultural Policy Review, Spring 2017.*

Teaching

Instructor

The Ohio State University

Advanced Agricultural Economics 2026 –
Economics of Public Policy Analysis 2024 –

Guest Lecturer

Iowa State University

Introduction to Agricultural Markets 2019

Research Funding

Funded

Taiwanese Overseas Pioneers Grants, **$30,000**, Ministry of Science and Technology, Taiwan 2020

Submitted

M. Cloutier, D. Liptzin, **C.-T. Chen, (co-PI)**, "Partnership: Toward Circularity: Assessing Mechanisms to Enable Expanded, Sustainable Manure Use", **Submitted**, USDA National Institute of Food and Agriculture Grants, 2026-2029.

C.-T. Chen, (PI), X. Wan, N. Shinde, "Partnership: From Agricultural Practices to Public Benefits: Valuing Biodiversity and Recreation at Scale", **Submitted**, USDA National Institute of Food and Agriculture Grants, 2026-2029.

Awards and Honors

NAREA Emerging Scholar Best Conference Paper Award. 2025.
· Do Birds Help or Hurt Row Crop Yields? Plot-Level Evidence from Seed Trials

James R. Prescott Award, Iowa State University ($5,000). 2018.

Academic Excellence Award, National Taiwan University. 2012.

Recent Scholarly Presentations

(Presented by Chen unless noted otherwise)

'Property Value and Sorting Effects from Locally Undesirable Land Uses', Department of Economics, Auburn University, 2026 (Scheduled). (with Yongjie Ji, Tracy Turner, and Jingke Wu)

'Property Value and Sorting Effects from Locally Undesirable Land Uses', Department of Economics, University of New Hampshire, 2026 (Scheduled). (with Yongjie Ji, Tracy Turner, and Jingke Wu)

'Property Value and Sorting Effects from Locally Undesirable Land Uses', Northeastern Agricultural and Resource Economics Association (NAREA) Conference and Workshop, June 7-9, 2026, Red Bank, NJ. (with Yongjie Ji, Tracy Turner, and Jingke Wu; presented by Jingke Wu)

'Property Value and Sorting Effects from Locally Undesirable Land Uses', W5133 Multistate Hatch Research Group Annual Meeting, February 25-27, 2026, Boise, ID. (with Yongjie Ji, Tracy Turner, and Jingke Wu)

'Do Birds Help or Hurt Row Crop Yields? Plot-Level Evidence from Seed Trials', Heartland Environmental and Resource Economics Workshop at Illinois, October 25-26, 2025, Urbana-Champaign, IL. (with Seungki Lee, Wendong Zhang, Amanda Rodewald, and Chris Wood)

'Property Value and Sorting Effects from Locally Undesirable Land Uses', Agricultural and Applied Economics Association (AAEA) & Western Agricultural Economics Association (WAEA) Joint Annual Meeting, July 27-29, 2025, Denver, CO. (with Yongjie Ji, Tracy Turner, and Jingke Wu)

'The Role of AFOs and CAFOs in Driving Continuous Corn Cultivation: Evidence from Two Corn Belt States', Agricultural and Applied Economics Association (AAEA), July 27-29, 2025, Denver, CO. (with Yongjie Ji, Qinan Liu, and Wendong Zhang; presented by Yongjie Ji)

'Do Birds Help or Hurt Row Crop Yields? Plot-Level Evidence from Seed Trials', Northeastern Agricultural and Resource Economics Association (NAREA) Conference and Workshop, June 8-10, 2025, Burlington, VT. (with Seungki Lee, Wendong Zhang, Amanda Rodewald, and Chris Wood)

'Large Livestock Facilities and Farmland Values: Evidence from Competitive Bidding', Association of Environmental and Resource Economists (AERE) Summer Conference, May 28-30, 2025, Santa Ana Pueblo, NM. (with Yongjie Ji, Qinan Liu, and Wendong Zhang)

'Large Livestock Facilities and Farmland Values: Evidence from Competitive Bidding', Midwest Economics Association Annual Conference, March 21-23, 2025, Kansas City, MO. (with Yongjie Ji, Qinan Liu, and Wendong Zhang)

'Large Livestock Facilities and Farmland Values: Evidence from Competitive Bidding', W5133 Multistate Hatch Research Group Annual Meeting, March 5-7, 2025, Burlington, VT. (with Yongjie Ji, Qinan Liu, and Wendong Zhang)

'Large Livestock Facilities and Farmland Values: Evidence from Competitive Bidding', Heartland Environmental and Resource Economics Workshop at Illinois, October 26-27, 2024, Urbana-Champaign, IL. (with Yongjie Ji, Qinan Liu, and Wendong Zhang)

'Hog production and Surface Water Quality: Evidence from the Foot-and-Mouth Disease Outbreak in Taiwan', The 13th Congress of Asian Association of Environmental and Resource Economics, August 26-27, 2024, Hsinchu, Taiwan. (with Feng-An Yang; presented by Feng-An Yang).

'Large Livestock Facilities and Farmland Values: Evidence from Competitive Bidding', Agricultural and Applied Economics Association (AAEA) Annual Meeting, July 28-30, 2024, New Orleans, LA. (with Yongjie Ji, Qinan Liu, and Wendong Zhang)

Extension and Outreach Presentations

'The economic value of birds in U.S. agriculture and the impact of conservation efforts', Economic Outlook and Policy Webinar Series, June 3, 2026

'Livestock Outlook', 2025 Agricultural Outlook and Policy Conference, November 18, 2025

'Livestock Outlook', 2024 Agricultural Outlook and Policy Conference, November 19, 2024

Media Mentions

Paul Rowley. "Birds of a feather: The economic value of birds in agriculture is coming back into focus," Farm and Dairy, 11 June, 2026, `https://www.farmanddairy.com/news/birds-of-a-feather-working-the-land-together-the-economic-value-of-birds-in-agriculture-is-coming-back-into-focus/918054.html`.

"Study Uncovers the Impact of Clean Water Act Regulations on Water Quality Nearby Large Hog Farms in Iowa," Farms.com, 9 September, 2025, `https://www.farms.com/news/study-uncovers-the-impact-of-clean-water-act-regulations-on-water-quality-nearby-large-hog-farms-in-iowa-232196.aspx`

Tracy Turner Robinson. "Tips on Safely Storing Eggs, Finding Alternatives amid Rising Prices", The Ohio State University, 17 Feb. 2025, `https://news.osu.edu/tips-on-safely-storing-eggs-finding-alternatives-amid-rising-prices/`.

Advising

Ph.D. (* denotes primary/co-advisor)

Current: Jingke Wu*

Rae Ju, 2026, Data Scientist at Bunge

Undergraduate

Current: Andrew Flax (Ag Business and Applied Economics)

Service

The Ohio State University

Member, Department Seminar Committee, 2024 –
Reviewer, FY26 Sustainability Research Seed Grant Proposal, 2026
Member, Graduate Seminar, 2025
Member, William Swank Chair in Rural-Urban Policy Faculty Search Committee, 2025
Reviewer, University Fellowship review committee, 2025
Graduate Faculty Representative, Dissertation Defense for S. Tomlin (Dept. of Biostatistics), 2025
Graduate Faculty Representative, Dissertation Defense for Y. Ye (College of Public Health), 2024

Professional

AAEA Applied Risk Analysis Awards committee, 2024

Review Service

AAEA Annual Meeting (abstract); *Agricultural Economics*; AERE Summer Conference (abstract); *Agricultural and Resource Economics Review*; *American Journal of Agricultural Economics*; *Canadian Journal of Agricultural Economics*; *Food Policy*; *Journal of Agricultural and Applied Economics*; *Journal of the Agricultural and Resource Economics*; *Journal of the Agricultural and Applied Economics Association*; SEA Annual Meeting (abstract); *The Australian Journal of Agricultural and Resource Economics*

Additional Information

Professional Associations: Agricultural & Applied Economics Association (AAEA), American Economics Association (AEA), Association of Environmental and Resource Economists (AERE)

Citizenship: Taiwan