

ZIWEI YE

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EDUCATION

Michigan State University, East Lansing, MI, the United States *2017 - 2022 (expected)*
Ph.D. Candidate, dual major in *Economics* and *Agricultural, Food, and Resource Economics*

- Fields: Environmental and Resources Economics, Development Economics
- Committee: Felicia Wu (co-chair), David A. Hennessy (co-chair), Jinhua Zhao, Kyoo il Kim
- Research interests: Agricultural production and policy, environmental economics, health economics, climate change

Zhejiang University, Hangzhou, Zhejiang, China *2013 - 2017*
B.S., *Agricultural Economics and Management*

- Exchange study: Faculty of Economics and Business, University of Groningen, Groningen, the Netherlands *2016 - 2017*

PUBLICATIONS

Ye, Z., Wu, F., and Hennessy, D. A. 2021. Environmental and economic concerns surrounding restrictions on glyphosate use in corn. *Proceedings of the National Academy of Sciences*, 118 (18).

WORK IN PROGRESS

Drought-tolerant Technology: A Mixed Blessing. **Ziwei Ye**, David A. Hennessy, and Felicia Wu.

Adoption of transgenic, insect-protected corn reduces aflatoxin- and drought-related insurance claims. Wei-Ting Chiang, **Ziwei Ye**, David A. Hennessy, Gary P. Munkvold, and Felicia Wu. (submitted to *Nature Biotechnology*.)

Vip-Containing Bt Corn and Irrigation Reduce Aflatoxin Risk in Southern US Corn Fields: An Analysis of Crop Insurance Claims. Wei-Ting Chiang, David A. Hennessy, Jina Yu, **Ziwei Ye**, and Felicia Wu. (submitted to *Food Policy*.)

The impact of land market opening in Ukraine (with Klaus W. Deininger, Donald F. Larson, Oleg Nivievskiy, and Anna Haras)

The Hedonic Price of Antimicrobial Resistance Risk: Evidence From the New VFD Rule. **Ziwei Ye**, April Athnos.

WORK EXPERIENCE

World Bank, Washington D.C., USA *2020 - present*
Consultant, Development Research Group

Michigan State University, East Lansing, MI, USA *2017 - present*
Research assistant, Department of Agricultural, Food, and Resource Economics (AFRE)

PRESENTATIONS & COMPETITIONS

- “Drought-tolerant Technology: A Mixed Blessing.” Agricultural & Applied Economics Association (AAEA) Annual Meeting, Austin, USA 2021
- “Environmental and Economic Concerns Surrounding Restrictions on Glyphosate Use in Corn.” CARD Seminar, Zhejiang University, Hangzhou, China 2021
- “Crop Yield and Quality: Can Biotechnology Override Adverse Climate Effects?” Brownbag Seminar, Michigan State University, East Lansing, USA 2021
- “Environmental and Economic Concerns Surrounding Restrictions on Glyphosate Use in Corn.” Agricultural & Applied Economics Association (AAEA) Annual Meeting, Kansas City, USA 2020
- “Should Glyphosate be Taxed? Herbicide Substitution and Spill-over Effects in US Corn Production.” Graduate Research Symposium, Michigan State University, East Lansing, USA 2020
- “Testing for substitutability: Glyphosate and other herbicides in U.S. Maize.” US-China Young Professional Forum, Purdue University, West Lafayette, USA 2019
- “Testing for substitutability: Glyphosate and Other Herbicides in U.S. Maize.” International Food and Agribusiness Management Association (IFAMA) Conference, Hangzhou, China 2019
- International Food and Agribusiness Management Association (IFAMA) Conference (case competition), Hangzhou, China 2019

AWARDS AND GRANTS

- Best Presentation/Paper Award, AFRE, Michigan State University 2020
- Research Assistantship, AFRE, Michigan State University 2017-present
- Conference Travel Grant, Michigan State University 2019
- Council of Graduate Students Conference Funds, Michigan State University 2019
- Awards for IFAMA Advanced Case Study Competition, Hangzhou, China 2019
- University-level Outstanding Students & University-level Outstanding Student Cadres 2015-2016
- Overseas Study Full Scholarship, China Scholarship Council 2016

TEACHING EXPERIENCE

- Guest Lecturer**, *Applied Microeconomics I* (AFRE900A) Feb. 2021
This lecture introduced the Equilibrium Displacement Model with a real-world example to illustrate the modeling and calibration process.

TECHNICAL STRENGTHS

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| Languages | English (fluent), Chinese (native), French (beginner) |
| Computer Skills | Stata, R, ArcGIS, L ^A T _E X, python (beginner) |