

ZIWEI YE

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<https://ziweiye.github.io/>

EDUCATION

Michigan State University, East Lansing, MI, USA 2017 - 2022 (*expected*)

Ph.D. Candidate, dual major in *Economics* and *Agricultural, Food, and Resource Economics*

- Fields: Environmental and Resource Economics, Development Economics
- Committee: Felicia Wu (Chair), David A. Hennessy, Jinhua Zhao, Kyoo il Kim
- Research interests: environment and resources, development, agricultural production, policy analysis, climate change, public health

Zhejiang University, Hangzhou, Zhejiang, China 2013 - 2017

B.S., *Agricultural Economics and Management*

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).

WORKING PAPERS

The Game of Corn Rootworm Control with Bt Crops: Area Suppression and Resistance Dynamics. **Ziwei Ye**, Christian Krupke, Christina DiFonzo, David A. Hennessy, Felicia Wu. (to be submitted to *Proceedings of the National Academy of Sciences*.)

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. (to be 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.

WORK IN PROGRESS

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

The Impact of Land Market Opening in Ukraine (with Klaus W. Deininger, Donald F. Larson, Oleg Nivievskiy, and Anna Harus)

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
- 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.

REFeree SERVICE

Food Policy

TECHNICAL STRENGTHS

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| Languages | English (fluent), Chinese (native), French (basic) |
| Computer Skills | Stata, R, MATLAB, ArcGIS, python (basic) |