

# ZIWEI YE

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## EDUCATION

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**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*

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

## PUBLICATIONS

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**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

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

Bt Corn and Aflatoxin Contamination: A welfare Assessment under Climate Change. As part of a USDA grant “Aflatoxin Reduced By Bt Corn? Examining Crop Insurance Claims for Real World Impacts of Technologies for Food Safety” (\$478,000). **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 *Environmental Science & Technology*.)

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

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**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

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Drought-tolerant Technology: A Mixed Blessing. Agricultural & Applied Economics Association (AAEA) Annual Meeting, Austin, USA *forthcoming*

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

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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

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**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<sup>A</sup>T<sub>E</sub>X, python (beginner)