

# ZIWEI YE

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

## EDUCATION

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

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

- Committee: Felicia Wu, David A. Hennessy, Jinhua Zhao, Kyoo il Kim
- Fields: Environmental and Resource Economics, Food and Health, Applied Econometrics, Policy Analysis, Technology-Climate-Food Nexus

**Zhejiang University**, Hangzhou, Zhejiang, China 2013 - 2017

**B.S.**, *Agricultural Economics and Management*

## 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).

## WORKING PAPERS

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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 *Science*.)

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 Food*.)

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

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

Yield and Yield Risk: Can Biotechnology Override Adverse Climate Effects? **Ziwei Ye**, David A. Hennessy, and Felicia Wu.

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

The Hedonic Price of Antimicrobial Resistance Risk: Evidence from the New Veterinary Feed Directive 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 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

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- 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
- Full Assistantship, Michigan State University 2015-2016
- Outstanding Students & Outstanding Student Cadres, Zhejiang University 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.

## REFEREE SERVICE

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Food Policy

## TECHNICAL STRENGTHS

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