

# ZIWEI YE

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

## 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 (Chair), David A. Hennessy, Jinhua Zhao, Kyoo il Kim
- Research interests: environmental and resource economics, Agricultural production, policy analysis, 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

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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.

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 Nivievskyi, and Anna Haras)

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 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

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.

## REFeree SERVICE

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Food Policy

## TECHNICAL STRENGTHS

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