

Yanan Liu

Fields: Agricultural Economics, Environmental Economics, Applied Econometrics

Department of Agricultural, Environmental and Development Economics

The Ohio State University

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EDUCATION

The Ohio State University

Columbus, Ohio

Ph.D. in Agricultural, Environmental, and Development Economics 2019-2024 (Expected May)

Committee: H. Allen Klaiber (Chair), Brian E. Roe, Wuyang Hu, Jared Grant, Xiao Dong

Dissertation title: Three Essays on the Agri-Food Systems

University of Guelph

Guelph, Canada

M.Sc. in Food, Agricultural and Resource Economics 2015 – 2017

Committee: Glenn Fox (Chair), Wanhong Yang, Alfons Weersink

Thesis: A Meta-Analysis of Farm-Level Abatement Costs of Agricultural Best Management Practices in Mitigating Excess Phosphorus Loss

Zhejiang University

Hangzhou, China

B.M. in Agricultural Economics and Management 2011- 2015

PUBLICATIONS AND WORK IN PROGRESS

Peer-reviewed Publications

Liu, Y. and H.A. Klaiber. 2023. “Don’t Drink the Water! The Impact of Harmful Algal Blooms on Household Averting Expenditure.” *Environmental and Resource Economics* 86:29–55

In Preparation for Submission

Liu, Y. “Weather Shocks and Diminishing Organic Premiums: An Analysis of the California Cherry Market.” (Job Market Paper) In preparation for submission to *American Journal of Agricultural Economics*

Liu, Y., H.A. Klaiber, C. Connolly, X. Dong, and G. Astill. “Urbanization and Crop Diversification on Local Farms: Micro-level Evidence from Central Ohio using the Cropland Data Layer.” In preparation for submission to *Land Economics*

Selected Work in Progress

“Does Distance Matter for Willingness to Pay for Local and Organic Attributes? Evidence from California Citrus Market,” with H. Allen Klaiber and G. Astill

“Consumer Preference for Local and Organic Food Attributes: Evidence from Fresh Cherry Market using Store Scanner Data,” with H. Allen Klaiber and G. Astill

“The Impact of Specialty Local Food Retailers on Local Consumers and Direct Marketing Producers using Agricultural Census Data,” with H. Allen Klaiber, C. Conolly, L. Yang, G. Astill and X. Dong

OUTREACH AND EXTENSION

Publications

Astill, G., Y. Liu, H.A. Klaiber, and X. Dong. 2023. Weather and Seasonal Production Influence Organic Premiums for Fresh California Sweet Cherries. *Fruit and Tree Nuts Outlook: September 2023* (Report No. FTS-377, 42-47). U.S. Department of Agriculture, Economic Research Service

Presentations

Presenter. “Urbanization and Farmland Shifts from Commodity Crops to Specialty Crops with Micro-level Evidence from Cropland Data Layer.” *Brown Bag Session, USDA ERS Land Cover Group, 2023*

Presenter. “The Impact of Specialty Local Food Retailers on Local Consumers and Direct Marketing Producers.” *Local and Organic Farming Systems Update Meeting, USDA ERS Strategic Priority Grant Project, 2022*

Presented by coauthor. “The Impact of Specialty Local Food Retailers on Local Consumers and Direct Marketing Producers.” *Kickoff for Local and Organic Farming Systems Project, USDA ERS, 2021*

RESEARCH EXPERIENCE

Research Assistant, United States Department of Agriculture, Economic Research Service (ERS) - *Local and Organic Farming Systems in the United States, Strategic Priority Grant Project, 2021-2024*

Tasks: model the impacts of changing food retail environments on consumers and organic farm producers by integrating novel micro-level datasets from the USDA data enclave; collaborate with ERS and external stakeholder groups to disseminate work to stakeholders

Research Assistant, University of Guelph, Department of Food, Agricultural and Resource Economics, *Project of Farm and Environmental Tradeoffs to Improve Water Quality 2015-2017*

Tasks: model farm level financial and watershed level environmental outcomes of agricultural Best Management Practices

TEACHING EXPERIENCE

The Ohio State University

Sole Instructor

Econometric Application in Agribusiness and Applied Economics (AEDECON 4002.01) Fall 2022

Overall Student Evaluation: 4.73/5.0 (22 students)

Lab Instructor

Sustainable Economy: Concepts and Methods (AEDECON 4330) Fall 2023

Econometric Application in Agribusiness and Applied Econ (AEDECON 4002.01) Spring 2022, Fall 2021

Teaching Assistant

Principles of Food and Resource Economics (AEDECON 2001) Spring 2024

Environmental and Natural Resources Economics (AEDECON 4310) Spring 2023

Principles of Agribusiness Marketing (AEDECON 3102) Fall 2020, Spring 2021

Principles of Agribusiness Finance (AEDECON 3103) Fall 2020

University of Guelph

Teaching Assistant

Cost-Benefit Analysis (FARE 3170)

Spring 2016

Operations Management (FARE 3310)

Fall 2016, Fall 2015

WORK EXPERIENCE

Research Analyst, Supply Chain Management Research Institute in China, specialty in agricultural supply chain and primary author of *'Innovations and Applications in Supply Chain'* (ISBN: 9787511644657), 2018-2019

Intern, Environment and Development Division, United Nations, research assistance on multiple project reports including *'Enabling policies for financing water-related sustainable development goals'*, *'Inequality in Asia and the Pacific in the Era of the 2030 Agenda for Sustainable Development'*, 2017-2018

CONFERENCES

Presenter. "Farmer crop choice and local food demand: Does urbanization lead to diversification?" *The 2023 Agricultural & Applied Economics Association Annual Meeting*, Washington, D.C., 2023

Presenter. "The Impact of Harmful Algal Blooms on Household Averting Expenditure." *The 2022 Agricultural & Applied Economics Association Annual Meeting*, Anaheim, CA, 2022

Presenter. "Farm-level abatement costs of Best Management Practices in mitigating Harmful Algal Blooms" *FARE Graduate Research Symposium*, Guelph, Canada, 2017

HONORS AND FELLOWSHIPS

Best Second Year Manuscript Award, Department of Agricultural, Environmental, and Development Economics, The Ohio State University, 2020-2021

University Fellowships, The Ohio State University, 2019-2020

Board of Graduate Studies Research Scholarships, University of Guelph, 2015-2016

Outstanding Undergraduate Thesis Award, Zhejiang University, 2015

Excellent Student Awards, Zhejiang University, 2013-2014

Second Academic Scholarships, Zhejiang University, 2013-2014

PROFESSIONAL AFFILIATIONS

American Economic Association (AEA), Agricultural & Applied Economics Association (AAEA), Association of Environmental and Resource Economists (AERE)

ADDITIONAL SKILLS

Software Packages: R, MATLAB, Stata, Python, SAS, ArcGIS, LaTeX

Language: English, Mandarin Chinese (native)

REFERENCES

Professor H. Allen Klaiber

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The Ohio State University
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Professor Brian E. Roe

Department of Agricultural, Environmental and Development Economics
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Email: roe.30@osu.edu

Xiao Dong

Economist
Federal Trade Commission
Phone: 202-326-2666
Email: xdong@ftc.gov

Professor Wuyang Hu

Department of Agricultural, Environmental and Development Economics
The Ohio State University
Phone: 614-688-4416
Email: hu.1851@osu.edu