

YIXING ZHENG

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EDUCATION

Virginia Polytechnic Institute and State University *Exp. Fall 2024*

Department of Agricultural and Applied Economics

Ph.D. candidate in Agricultural and Applied Economics

Committee: Jason Grant (Chair), Ford Ramsey (Co-Chair), Shamar Stewart, Nicolas Legrand

Virginia Polytechnic Institute and State University *Exp. Fall 2024*

Department of Statistics

M.A. in Data Analysis and Applied Statistics

Committee: Jennifer Van Mullekom (Chair), Shamar Stewart, Nicolas Legrand

Georgetown University, Washington DC *May 2018*

Department of Economics

M.S. in Economics

Nanjing Agricultural University, China *May 2016*

Department of Finance

B.S. in Economics, Major in Finance

RESEARCH INTERESTS

Price Analysis, International Trade, Climate Change, Development Economics, Applied Econometrics

PUBLICATIONS & RESEARCH PROJECTS

WORKING PAPERS

- *"Extreme Correlation Between Daily Basis Returns of Local Corn Markets in North Carolina"* with Ford Ramsey
- *"Direct Impact of Growing Season Weather Shocks on Global Agricultural Trade"* with Jason Grant and Nicolas Legrand
- *"Global Agricultural Trade Dynamics in Response to Yield Shocks"* with Jason Grant and Nicolas Legrand

PUBLICATION

- **Yixing Zheng.** (2015). [Analysis of Development Pattern and Operation Performance of Rural Land Stock Cooperatives: A Case Study of Huai'an](#). *Time Finance*(27),226+229. doi:CNKI:SUN:YNJR.0.2015-27-160(Chinese Journal).

WORK IN PROGRESS & OTHER ACADEMIC PROJECTS

- *"Rainfall Shocks in Utero on Women's Education in Rural China"*
- *"Pakistan's Agricultural Exports Determinants and Trade Performance: An Application of Stochastic Frontier Gravity Model"*
- *Forecasting Agricultural Commodity Prices with Hybrid Time-Series Model*
- *Rates of Return to Higher Education by Gender—Does the Doctoral Degree pay off*
- *Fitness of Basic Mincerian Earning Function-Machine Learning Regularization*
- *Co-movement Between Unemployment and Labor Force Participation on Current Data using the Baxter-King Filter and Counterfactual Methodology*
- *Hedonic Model Analysis of the Housing Market in Washington DC*

CONFERENCE & PRESENTATIONS

"Direct and Indirect Effect of Growing Season Weather Shock on Agricultural Trade," **Presenter**, Joint work with Jason Grant and Nicolas Legrand, *2024 Agricultural and Applied Economics Association (AAEA) Annual Meeting*

"Direct and Indirect Effect of Growing Season Weather Shock on Agricultural Trade," **Presenter**, Joint work with Jason Grant and Nicolas Legrand, *2023 International Agricultural Trade Research Consortium (IATRC) Annual Meeting*

"Measuring the Equity of the Local and Regional Food System—Local Food Economics Data Visualization Challenge," **Presenter**, *2023 Agricultural and Applied Economics Association (AAEA) Annual Meeting*

"Extreme Correlation Between Daily Basis Returns of Local Corn Markets in North Carolina," **Presenter**, Joint work with Ford Ramsey, *2022 Agricultural and Applied Economics Association (AAEA) Annual Meeting*

"Rainfall and Education Opportunity in Rural China," Joint work with Yangchuan Wang and Yan Jin, *2021 Southern Economic Association (SEA) Annual Meeting*

Virginia Governors Conference on Agricultural Trade(2020)

Spring Meetings of the World Bank Group and the International Monetary Fund (IMF)(2017,2018)

RESEARCH ASSISTANT

Graduate Research Assistant for Dr. Ford Ramsey

Department of Agricultural and Applied Economics, Virginia Tech

- Developed and designed an [interactive RShiny dashboard](#) to visualize U.S. meat market prices, providing up-to-date data to the public for the Paper "Impacts of COVID-19 and price transmission in US meat markets." *Agricultural Economics*, 52(3), 441-458. Ramsey, A. F., B.K. Goodwin, W.F. Hahn, & M.T. Holt (2021)

Graduate Research Assistant for Dr. John Rust

Department of Economics, Georgetown University, Washington DC

- Conducted data collection and data cleaning to construct a large database and actively engaged in textual analysis and estimation for the academic project "Paper Quality, Editor Decision, and Citation Prediction."

TEACHING EXPERIENCE

Teaching Assistant

Department of Agricultural and Applied Economics, Virginia Tech, Blacksburg, VA

- AAEC 3504 Marketing of Agricultural Commodities (Fall 2019)
- AAEC 2434 Foundations of Agribusiness (Spring 2020)
- AAEC 3454 Small Business Management and Entrepreneurship (Spring 2020)
- AAEC 3004 Agricultural Production and Consumption Economics (Spring 2023)

Guest Lecturer

Department of Agricultural and Applied Economics, Virginia Tech, Blacksburg, VA

- AAEC 3504 Marketing of Agricultural Commodities (Prepared and led 20 five-minute video sections for a class of 85 students throughout the semester)

INDUSTRY EXPERIENCE

Daifu Inc, New York, U.S.

Health Research Associate

Jul 2018 - Feb 2019

Finance Bureau, Huai'an, Jiangsu, China

Intern, Finance Department

Jan 2015 - Mar 2015

Prudential Hongkong Limited, Hong Kong

Intern, Business Department

Jul 2014 - Aug 2014

Bank of China, Huai'an Branch, China

Intern, Corporate Finance & Credit Department

Jan 2014 - Mar 2014

HONORS & AWARDS

Outstanding student, Nanjing Agricultural University (Nov 2015)

Outstanding student, Nanjing Agricultural University (Nov 2014)

Outstanding Volunteer, 2nd Summer Youth Olympic Games (Aug 2014)

Third Prize, International Business Exchange Program (IBEP) Funding Simulation Contest (Jul 2014)

Second Prize, Stock Simulation Competition, Nanjing Agricultural University (Oct 2013)

Second Prize, Entrepreneurship Competition, Nanjing Agricultural University (May 2013)

SKILLS & CERTIFICATION

Programming Languages & Software: STATA, R, Python, MATLAB, SPSS, EViews

GAMS, Tableau, LaTeX, Microsoft Office

Languages: English (Fluent), Chinese (Native)

Certificate of Accounting Professional (China)