

# FEI QIN

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Personal Website ◇ LinkedIn

## RESEARCH INTERESTS

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Food Economics, Agricultural Industrial Organization, Agricultural Marketing

## EDUCATION

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**Purdue University**

Ph.D. in Agricultural Economics

West Lafayette, IN

08/2018 – 05/2023 (*expected*)

**Shaanxi Normal University**

Master of Economics in Labor Economics

Xi'an, Shaanxi, China

08/2014 – 06/2017

**Xi'an Jiaotong University**

Bachelor of Economics in Finance

Xi'an, Shaanxi, China

08/2010 – 06/2014

## PUBLICATIONS

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Ma, Meilin, H. Holly Wang, Yizhou Hua, **Fei Qin**, and Jing Yang. 2021. African Swine Fever in China: Impacts, Responses, and Policy Implications. *Food Policy* 102: 102065.

<https://doi.org/10.1016/j.foodpol.2021.102065>

**Qin, Fei**, Huanmin Hu, Prashant Loyalka, Sarah-Eve Dill, and Scott Rozelle. 2022. Stuck in the Middle School Rut: Can Anything Improve Academic Achievement in Rural Chinese Middle Schools?.

*Journal of Development Effectiveness*. <https://doi.org/10.1080/19439342.2022.2067890>

## WORKING PAPERS AND WORK IN PROGRESS

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Ma, Meilin, Jayson L. Lusk, and **Fei Qin**. 2022. Retailers' Product Assortment Decisions During the Great Recession: Evidence from the U.S. Yogurt Market. *submitted to European Review of Agricultural Economics*. <http://dx.doi.org/10.2139/ssrn.3927353>

**Qin, Fei**, and Meilin Ma. 2022. Unit Pricing Regulation and Assortment Competition: Evidence from the U.S. Yogurt Market. *Working paper*

**Qin, Fei**, and Steven Y. Wu. 2022. Estimating Consumer Segments and Choices from Limited Information: The Application of Machine Learning Methods. *Working paper*

Balagtas, Joseph, Joseph Cooper, Patrick McLaughlin, and **Fei Qin**. Consumer Demand for Food at Home and Food Away from Home and Implications for Derived Demand for Agricultural Commodities – Understanding Economic Linkages During the Pandemic-Era Food Markets. *Work in progress*

## RESEARCH EXPERIENCE

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**Department of Agricultural Economics, Purdue University**

*Graduate Research Assistant, worked with Dr. Meilin Ma*

West Lafayette, IN

08/2018 - 05/2023

- Collaborated with staff from Itap to write Python scripts to scrap daily prices of hog, piglet, and pork from the website.
- Used Python to obtain Nielsen Retail and Panel scanner data and to conduct basic data cleaning and merging.
- Analyzed data by applying various econometric techniques including OLS and 2SLS methods.
- Constructed sample data to estimate the consumer demand using a structural demand model.

**Department of Agricultural Economics, Purdue University***Graduate Research Assistant, worked with Dr. Joseph Balagtas*

West Lafayette, IN

08/2020 - 05/2023

- Collaborated with researchers at USDA to explore the effects of Covid-19 on demand and supply for U.S. meat market.
- Reviewed literature related to Covid-19 and the disruptions of food supply chain.
- Obtained and managed IRI scanner data through MySQL, and analyzed and visualized the data using Stata.
- Combined IRI scanner data, meat slaughter data with NPD data to analyze using simultaneous equations model.

**Center for Educational Experimental Economics,  
Shaanxi Normal University***Graduate Research Assistant*

Xi'an, China

08/2014 - 07/2018

- Participated in more than ten evaluation impact programs using Random Controlled Trials (RCTs) in rural China, including "Parenting Program" which was supported by the National Health and Family Planning Commission (NHFPCC).
- Wrote project proposals to apply for funding.
- Communicated with local government, sponsors and relevant collaborators/donors.

**Rural Education Action Program (REAP), Stanford University***Research Assistant*

CA, USA

11/2016 - 04/2017

- Reviewed literature of eight field experiments targeting rural junior-high school students in China.
- Organized and analyzed the survey data using Stata.
- Wrote a research paper to show none of the interventions improved students' academic achievement and investigate reasons that caused this problem.

## TEACHING EXPERIENCE

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**AGEC 516. Mathematical Tools for Agricultural and Applied Economics**

Department of Agricultural Economics, Purdue University

Fall 2021

*Teaching assistant and guest lecturer*

## SEMINARS AND CONFERENCE PRESENTATIONS

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**2022: AAEA Annual Meeting (Anaheim, CA)***Presenter*

- Paper Title: Unit Pricing Regulation and Assortment Competition: Evidence from the U.S. Yogurt Market.
- Paper Title: Estimating Consumer Segments and Choices from Limited Information: The Application of Machine Learning Methods.

**2020: AAEA Annual Meeting (Virtual), CAER-EFPRI (Virtual)***Presented by co-author*

- Paper Title: African Swine Fever in China: Impacts, Responses, and Policy Implications.

**2017: China Economics Annual Conference (Ningxia, China)***Presenter*

- Paper Title: Teacher Turnover and Academic Performance in Rural China's Junior High Schools.

## SELECTED HONORS AND ACHIEVEMENTS

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Bilsland Dissertation Fellowship, Department of Agricultural Economics, Purdue University

2023

Ross Fellowship, Department of Agricultural Economics, Purdue University

2022

Distinguished Graduate Student, Shaanxi Normal University

2017

China Scholarship Council (CSC) Scholarship, Shaanxi Normal University	2016
First-Class Jixue Scholarship, Shaanxi Normal University	2016
Merit Student, Xi'an Jiaotong University	2011, 2012, 2013
National Endeavor Scholarship, Xi'an Jiaotong University	2011

## PROFESSIONAL ACTIVITIES AND DEPARTMENT SERVICES

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Reviewer for: Agribusiness

Membership in: Agricultural and Applied Economics Association (AAEA), American Economic Association (AEA)

Development Chair of AgEcon Graduate Student Association, 2021-2022, Purdue University

HelpDesk Mentor in AgEcon Graduate Student Association, 2020-2021, Purdue University

Post writer for Research on Environmental, Agricultural, and Development Economics (READ), which is an academic platform managed by a group of UCD Ph.D./Alumni to share high-quality research papers with topics of environmental and resource economics, agricultural and food economics, and development economics and political economy. [[click here to see the post](#)] (in Chinese)

Department Spotlight: Field Experiments and Visiting Scholar Opportunity Stir Student's Interest in Studying Agricultural Economics [[click here](#)]

## SOFTWARE AND LANGUAGE SKILLS

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<b>Programming Languages</b>	Stata, Python, MySQL, MATLAB, GAMS
<b>Languages</b>	English (fluent), Mandarin Chinese (native)

## REFERENCES

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**Dr. Steven Y. Wu**

*Associate Professor*

*Department of Agricultural Economics*

Purdue University

sywu@purdue.edu

**Dr. Meilin Ma**

*Assistant Professor*

*Department of Agricultural Economics*

Purdue University

mameilin@purdue.edu

**Dr. Jayson L. Lusk**

*Professor*

*Department of Agricultural Economics*

Purdue University

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*Updated July 18, 2022*