

# YANAN JIA

Michigan State University

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## EDUCATION

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**Michigan State University, East Lansing, MI**

*Aug. 2017 - Expected May 2022*

Ph.D. in Agricultural, Food, and Resource Economics

Ph.D. in Economics (Dual Major)

*Committee:* Robert Shupp (Chair), Hongli Feng, David A. Hennessy, Benjamin Bushong, Jeffrey M. Wooldridge.

**Guanghua School of Management, Peking University, China**

*Aug. 2015 - Jun. 2017*

M.S. in Finance

**Yuanpei College, Peking University, China**

*Aug. 2011 - Jun. 2015*

B.S. in Economics,

## FIELDS OF INTEREST

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Agricultural Economics, Environmental Economics, Biological Economics, Health Economics, Behavioral Economics

## WORKING PAPERS

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“Will Tests Lead to More Informed Antibiotics Use? An Application in Veterinarian Diagnostic Decisions” **Jia, Y.**, H. Feng, and D.A. Hennessy

“Economics of Informed Antibiotic Management Under the Veterinary Feed Directive” **Jia, Y.**, D.A. Hennessy, and H. Feng (submitted)

## WORK IN PROGRESS

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“Bt Corn, Insecticide Use, and Resistance Time Trend in the United States” **Jia, Y.**, H. Feng, and D.A. Hennessy

“Do Large Dairy Farms Use More Antibiotics?” **Jia, Y.**, H. Feng, and D.A. Hennessy

## PUBLICATIONS

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“Dairy Sector Consolidation, Scale, Automation and Factor Biased Technical Change: Working through Get Big or Get Out.” Feng, H., D.A. Hennessy, **Y. Jia**, M. G.S. McKendree, and C. Wolf. *Choices*, 33(4th Quarter 2018).

## SELECTED PRESENTATIONS

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(\* indicates other presenting authors)

Chongqing University Young Scholars Forum, Virtual Conference, November 21, 2021

“Will Tests Lead to More Informed Antibiotics Use? An Application in Veterinarian Diagnostic Decisions” (with H. Feng, D.A. Hennessy) 2021 AERE Summer Conference, Virtual Conference, June 2 - 4, 2021

“Assessing the Efficiency of Veterinary Feed Directive in Reducing Antibiotics Use” (with H. Feng\*, D.A. Hennessy) 2021 AERE Summer Conference, Virtual Conference, June 2 - 4, 2021

“Bt Corn, Insecticide Use, and Resistance Time Trend in the US” (with H. Feng, D.A. Hennessy) 2021 AAEA Annual Meeting, Austin, TX, August 1 - 3, 2021

“Assessing the Efficiency of Veterinary Feed Directive in Reducing Food Animal Antibiotics use.” (with H. Feng, D.A. Hennessy) International Society for Economics and Social Sciences of Animal Health, Virtual Conference, November 11 - 13, 2020

“Do large dairy farms use more antibiotics?” (with H. Feng, D.A. Hennessy) 6th World One Health Congress, Virtual Conference, October 30 - November 3, 2020.

“Bayesian Information Processing and Livestock Sector Antibiotics Administration” (with H. Feng, D.A. Hennessy) AAEA annual meetings, Virtual Conference, August 10-11, 2020.

“Test or Treat? Understanding Demand for Antibiotics in Dairying.” (with H. Feng, D.A. Hennessy) AAEA annual meetings, Atlanta, GA, July 21 - 23, 2019.

“Alternative to Managing Antibiotics Demand in Dairying” (with H. Feng, D.A. Hennessy\*) One Health and Food Safety conference, Bonn, Germany, September 18 - 19, 2018.

“Toward Understanding On-Farm Demand for Antibiotics” (with H. Feng, D.A. Hennessy\*) ERS & Farm Foundation Workshop on Challenges to Changing Antibiotic Use in Food Animal Production, Thursday, National Press Club, Washington, DC, September 6, 2018.

“What Drives Dairy Farmer Antibiotic Treatment Decisions” (with H. Feng, D.A. Hennessy) AAEA annual meetings, Washington, DC, August 5 -7, 2018.

“Alternative Approaches to Managing Demand for Antibiotic Treatment in Dairying.” (with H. Feng, D.A. Hennessy\*) One Health and Food Safety 5th International One Health Congress, Saskatoon, Canada, June 22 - 25, 2018.

“What Drives Dairy Farmer Antibiotic Treatment Decisions?” (with H. Feng, D.A. Hennessy) Graduate Research Symposium, Department of Agricultural, Food, and Resource Economics, Michigan State University, March 29 - 30, 2018

## TEACHING EXPERIENCE

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Guest Lecturer, *Applied Microeconomics I (AFRE900A)* Feb. 2021

This lecture introduces Bayesian Learning Model and Deviations from Standard Bayesian Updating with a real-world example of clinical diagnosis.

## FIELD WORK

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*A Survey of Veterinarians Decision Making in Animal Disease Management* 2020-2021

Main contributor to survey design and distribution, participants recruitment, and data analysis.

*China Health and Retirement Longitudinal Study(CHARLS)* Jun. 2013-Aug. 2013  
Interviewer

## WORK EXPERIENCE

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Research Assistant at Michigan State University for Dr. Hongli Feng and Dr. David Hennessy  
Fall 2017-Summer 2021

Research Assistant at Renmin University of China for Dr. Zhong Tang Jun 2016-Aug. 2016

Research Assistant at Peking University for Dr. Shuanglin Lin Mar. 2014-Aug. 2014

Research Assistant at Peking University for Dr. Jian Su Mar 2014-Jun. 2014

## AWARD AND FELLOWSHIP

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Dissertation Completion Fellowship	Spring 2022
Research Assistantship from Department of AFRE	Fall 2017-Summer 2021
AAEA Conference Travel Grant from Department of AFRE	2018, 2019
Pass with Distinction in Econometrics qualified exam	2018
Top Prize Winner of the 21st Challenge Cup of Peking University.	2013

## TECHNICAL STRENGTHS

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Stata, ArcGIS, Mathematica, Nlogit, Ngene, Gauss

## REFERENCES

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### **Dr. Hongli Feng**

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Iowa State University  
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### **Dr. David Hennessy**

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Iowa State University  
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Email: [hennessy@iastate.edu](mailto:hennessy@iastate.edu)

### **Dr. Robert Shupp**

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and Resource Economics  
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