

YANAN JIA

Michigan State University

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EDUCATION

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

Agricultural Production and Policy, Environmental Economics, Biological Economics,
Behavioral Economics

WORKING PAPERS

“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” (submitted)
Jia, Y., D.A. Hennessy, and H. Feng

WORK IN PROGRESS

“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

“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), 8 pages.

SELECTED PRESENTATIONS

(* indicates other presenting authors)

“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 AAEE 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) AAEE annual meetings, Virtual Conference, August 10-11, 2020.

“Test or Treat? Understanding Demand for Antibiotics in Dairying.” (with H. Feng, D.A. Hennessy) AAEE 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) AAEE 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

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

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

Research Assistant for Dr. Hongli Feng and Dr. David Hennessy Fall 2017-Summer 2021

AWARD AND FELLOWSHIP

Research Assistantship from Department of AFRE (Fall 2017-Summer 2021)

AAEE 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, *Land Circulation and Utilization in Rural Area of Hubei and Hebei Provinces* (2013)

TECHNICAL STRENGTHS

Stata, ArcGIS, Mathematica, Nlogit, Ngene, Gauss