

CURRICULUM VITAE

Xiaoyong Zheng

CONTACT INFORMATION

Department of Agricultural and Resource Economics
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EMPLOYMENT HISTORY

Professor, North Carolina State University, 2015-
Associate Professor, North Carolina State University, 2010 - 2015.
Assistant Professor, North Carolina State University, 2005 - 2010.
Research Associate, Hewlett-Packard (HP) Labs, 2004-2005.

ADMINISTRATIVE EXPERIENCE

Director of Economics Graduate Programs, 2016-present.

EDUCATION

Ph.D. in Economics, 2005, Indiana University at Bloomington.
M.A. in Economics, 2002, Indiana University at Bloomington.
B.A. in Economics and English, 2001, Peking University, Beijing, China.

AREAS OF SPECIALIZATION

Empirical Industrial Organization; Applied Econometrics; Applied Microeconomics.

REFEREED PUBLICATIONS

1. He, Q. and X. Zheng (forthcoming): "Price Discrimination across Different Ticket Distribution Channels: Evidence from the US-China Flight Market," *China Economic Review*.
2. He, J., X. Zheng, R. M. Rejesus and J. M. Yorobe (2019): "Moral Hazard and Adverse

Selection Effects of Cost-of-Production Crop Insurance: Evidence from the Philippines,” *Australian Journal of Agricultural and Resource Economics*, 63, 166-197.

3. Qi, J., X. Zheng, P. Cao and L. Zhu (2019): “The Effect of E-commerce Agribusiness Clusters on Farmers’ Migration Decisions in China,” *Agribusiness: An International Journal*, 35, 20-35.

4. Qi, J., X. Zheng and H. Guo (2019): “The Formation of Taobao Villages in China,” *China Economic Review*, 53, 106-127.

5. Zheng, Y., T. Vukina and X. Zheng (2019): “Estimating Asymmetric Information Effects in Health Care with Uninsurable Costs,” *International Journal of Health Economics and Management*, 19, 1, 79-98.

6. He, J., R. M. Rejesus, X. Zheng and J. M. Yorobe (2018): “Advantageous Selection in Crop Insurance: Evidence from the Philippines,” *Journal of Agricultural Economics*, 69, 3, 646-668.

7. Kim, J.-J. and X. Zheng (2015): “Effects of Alternative Marketing Arrangements on the Spot Market Price Distribution in the U.S. Hog Market,” *Journal of Agricultural and Resource Economics*, 40, 2, 242-265.

8. Vukina, T. and X. Zheng (2015): “The Broiler Industry: Competition and Policy Challenges,” *Choices*, 30, 2.

9. Weng, T., T. Vukina and X. Zheng (2015): “Productivity or Demand: Determinants of Plant Survival and Ownership Change in the U.S. Poultry Industry,” *Applied Economic Perspective and Policy*, 37, 1, 151-175.

10. Hu, W.-Y., D. Phaneuf and X. Zheng (2014): “Quantify the Benefits of Using Alternative Marketing Arrangements by U.S. Farmers,” *China Agricultural Economic Review*, 6, 1, 108-124.

11. Chen, J. and X. Zheng (2013): “Price Volatility and Contract Maturity: Evidence from an Online Futures Market for Sports Tickets,” *Eastern Economic Journal*, 40, 56-70.

12. Choi, H.-J., M. K. Wohlgenant and X. Zheng (2013): “Household Level Welfare Effects of Organic Milk Introduction,” *American Journal of Agricultural Economics*, 95, 4, 1009-1028.

13. Hammond, R. G. and X. Zheng (2013): “Heterogeneity in Tournaments with

Incomplete Information: An Experimental Analysis,” *International Journal of Industrial Organization*, 31, 3, 248-260.

14. Hu, W.-Y. and X. Zheng (2012): “Testing for Complementarities and Substitutabilities among Marketing Arrangements Used by U.S. Farmers,” *Taiwanese Agricultural Economic Review*, 17, 2, 1-27.

15. Li, T. and X. Zheng (2012): “Information Acquisition or/and Bid Preparation: A Structural Analysis of Entry and Bidding in Timber Sale Auctions,” *Journal of Econometrics*, 168, 1, 29-46.

16. Vukina, T. and X. Zheng (2011): “Homogenous and Heterogeneous Contestants in Piece Rate Tournaments: Theory and Empirical Analysis,” *Journal of Business and Economic Statistics*, 29, 4, 506-517.

17. Kandilov, I. and X. Zheng (2011): “The Impact of Entry Costs on Export Market Participation in Agriculture,” *Agricultural Economics*, 42, 5, 531-546 (Lead Article).

18. Zheng, X. and D. M. Zimmer (2011): “Modeling Bivariate Count Distributions with Finite Mixture Models: Application to Health Care Demand of Married Couples,” *Applied Economics*, 43, 12, 1477-1483.

19. Robinson, C. and X. Zheng (2011): “Household Food Stamp Program Participation and Childhood Obesity,” *Journal of Agricultural and Resource Economics*, 36, 1, 1-13 (Lead Article).

20. Vukina, T. and X. Zheng (2010): “Can Bargaining Theory Explain the Price Dispersion Puzzle? Evidence from an Agricultural Market,” *Agricultural and Resource Economics Review*, 39, 3, 534-546.

21. Li, T. and X. Zheng (2009): “Entry and Competition Effects in First-Price Auctions: Theory and Evidence from Procurement Auctions,” *Review of Economic Studies*, 76, 4, 1397-1429.

22. Zheng, X. (2009): “Quantifying the Cost of Excess Market Thickness in Timber Sale Auctions,” *International Journal of Industrial Organization*, 27, 5, 553-566 (Lead Article).

23. Zheng, X. and T. Vukina (2009): “Do Alternative Marketing Arrangements Increase Pork Packers' Market Power?” *American Journal of Agricultural Economics*, 91, 1, 250-263.

24. Zheng, X. and D. M. Zimmer (2009): "Racial Differences in Health Care Utilization: Analysis by Intensity of Demand," *Contemporary Economic Policy*, 27, 4, 475-490.
25. Vukina, T., C. Shin and X. Zheng (2009): "Complementarity among Alternative Procurement Arrangements in the Pork Packing Industry," *Journal of Agricultural & Food Industrial Organization*, 7, Article 1.
26. Vukina, T., X. Zheng, M. Marra and A. Levy (2008): "Do Farmers Value The Environment? Evidence from a Conservation Reserve Program Auction," *International Journal of Industrial Organization*, 26, 6, 1323-1332.
27. Zheng, X., T. Vukina, and C. Shin (2008): "The Role of Farmers' Risk Aversion for Contract Choice in the US Hog Industry," *Journal of Agricultural & Food Industrial Organization*, 6, Article 4.
28. Zheng, X. (2008): "Semiparametric Bayesian Estimation of Mixed Count Regression Models," *Economics Letters*, 100, 3, 435-438.
29. Li, T. and X. Zheng (2008): "Semiparametric Bayesian Inference for Dynamic Tobit Panel Data Models with Unobserved Heterogeneity," *Journal of Applied Econometrics*, 23, 6, 699-728 (Lead Article).
30. Zheng, X. and C. Zhen (2008): "Healthy Food, Unhealthy Food and Obesity," *Economics Letters*, 100, 2, 300-303.
31. Zheng, X. and D. Zimmer (2008): "Farmers' Health Insurance and Access to Health Care," *American Journal of Agricultural Economics*, 90, 1, 267-279.
32. Vukina, T. and X. Zheng (2007): "Structural Estimation of Rank-Order Tournaments with Private Information," *American Journal of Agricultural Economics*, 89, 3, 651-664.
33. Zheng, X. and T. Vukina (2007): "Efficiency Gains from Organizational Innovation: Comparing Ordinal and Cardinal Tournament Games in Broiler Contracts," *International Journal of Industrial Organization*, 25, 4, 843-859.

OTHER PUBLICATIONS

1. Vukina, T. and X. Zheng (2018): "Agricultural Contracts and Competition Policies," American Enterprise Institute.
2. Zheng, X. (2007): Book Review of "Identification and Inference for Econometric Models"

by Andrews and Stock, *American Journal of Agricultural Economics*, 89, 2, 555-556.

3. Vukina, T., M.K. Muth, N.E. Piggott, C. Shin, M.K. Wohlgenant, X. Zheng, S.C. Cates, M.C. Coglaiti, S.A. Karns, J. Lawrence, J.L. Taylor, and C.L. Viator (2007): "GIPSA Livestock and Meat Marketing Study, Volume 4. Hog and Pork Industries," Final Report prepared for USDA, Grain Inspection, Packers and Stockyards Administration, Washington, DC.

GRANTS (Total Awarded Amount: \$1.3 Million)

2017-2019, USDA-ERS, Cooperative Agreement: "Measuring the Effects of the One-Side Exogenous Supply Shock on the Two-Tier Substitutes Markets: Organic-Conventional Table Eggs Markets Example," (with T. Vukina).

2015-2019, USDA-NIFA-AFRI, Research Grant: "Evaluating the Effectiveness of the Spot Check List Program on Reducing Crop Insurance Fraud and Abuse," (with R. Rejesus and B. Goodwin).

2015-2016, Robert Wood Johnson Foundation, Research Grant: "Examining the Effects of Summary Nutrition Shelf Labels on Low-Income Household Food Purchases," (with C. Zhen et al.).

2010--2012, USDA-CSREES-AFRI, Research Grant: "Entry, Exit and Mergers in the Poultry Sector: Effects on Contract Growers Welfare and Industry Competitiveness," (with T. Vukina).

2008--2009, USDA-CSREES-NRI, Research Grant: "Quantifying the Benefits of Farm Level Utilization of Alternative Marketing Arrangements," (with T. Vukina and D. Phaneuf).

2007--2009, USDA-FANRP, Research Grant: "Measuring Consumption Response to Prices in a Dynamic Model of Consumer Food Purchase Behavior," (with RTI International and M. Wohlgenant).

2007--2008, NCSU-CALS Individual Faculty Research and Professional Development (FRPD) Program.

AWARDS AND HONORS

2012, Honorable Mention, *Journal of Agricultural and Resource Economics* Outstanding Journal Article Award.

2004, Taulman Miller Award for the Outstanding International Student in Economics. Department of Economics, Indiana University.

INVITED SEMINARS

Huazhong Agricultural University (June 2018)

Zhejiang University (May 2015)

University of Connecticut (December 2014)
China Agricultural University (November 2011)
SUNY-Stony Brook (March 2011)
Iowa State University (October 2009)
Zhejiang University (June 2009)
University of Miami (February 2005)
University of California, Santa Barbara (January 2005)
University of Central Florida (January 2005)
North Carolina State University (January 2005)

CONFERENCE PRESENTATIONS AND POSTERS

Agricultural and Applied Economics Association Annual Meeting, Washington, DC, August 2018;
Agricultural and Applied Economics Association Annual Meeting, Chicago, IL, July 2017;
First Beihang Institute of Economics and Business Forum, Beijing, China, May 2017;
American Enterprise Institute Agricultural Policy Workshop, DC, March 2017;
ASSA Annual Meeting, San Francisco, CA, January 2016;
Economic Theory and Chinese Economy, Hangzhou, China, May 2015;
Agricultural and Applied Economics Association Annual Meeting, Minneapolis, MN, July 2014;
Conference on Recent Developments in Microeconometrics, Beijing, China, July 2013;
10th International Industrial Organization Conference, Arlington, VA, March 2012;
CES 2011 Annual Conference, Beijing, China, June 2011;
Econometric Society World Congress, Shanghai, China, August 2010;
Summer Workshop in Industrial Organization and Management Strategy, Shanghai, China, August 2010;
Summer Workshop in Game Theory and Mechanism Design, Hangzhou, China, August 2010;
Agricultural and Applied Economics Association Annual Meeting, Milwaukee, WI, July 2009;
Summer Workshop in Industrial Organization and Management Strategy, Beijing, China, June 2009;
American Agricultural Economics Association Annual Meeting, Orlando, FL, July 2008;
6th International Industrial Organization Conference, Washington, DC, May 2008;
Econometric Society Winter Meeting, New Orleans, LA, January 2008;
Northeast Universities Development Consortium Conference, Cambridge, MA, October 2007;
Conference on Auctions and Games, Virginia Tech University, Blacksburg, VA, October 2007;
American Agricultural Economics Association Annual Meeting, Portland, OR, July 2007;

USDA-ERS Conference on Food Product Consumption, Consumer Health and Public Policy, Berkeley, CA, April 2007;

American Agricultural Economics Association Annual Meeting, Long Beach, CA, July 2006;

Annual Meeting of Northeast Agricultural and Resource Economics Association, Mystic, CT, June 2006;

4th International Industrial Organization Conference, Boston, MA, April 2006;

3rd International Industrial Organization Conference, Atlanta, GA, April 2005;

14th Midwest Econometrics Group Meeting, Evanston, IL, October 2004.

COURSES TAUGHT

Empirical Methods in Industrial Organization (Ph.D.);

Theory of Industrial Organization (Ph.D.);

Topics in Applied Econometrics (Masters);

Algebra-based Intermediate Microeconomics (Undergraduate);

Principles of Microeconomics (Undergraduate);

Introduction to Microeconometrics (Undergraduate);

Statistical Analysis for Business and Economics (Undergraduate).

STUDENTS SUPERVISED

Doctoral Dissertation Chair/Co-Chair

Christina Robinson (2009, Missouri State University);

Wu-Yueh Hu (2010, Providence University, Taiwan);

Kevin Furlong (2012, Bureau of Economic Analysis);

Jong-Jin Kim (2012, Korea Rural Economic Institute);

Congnan Zhan (2012, RKMC Law, LLP);

Tengying Weng (2013, Fuzzy Logix);

Qingxin He (2013, Winston-Salem State University);

Huijie Yu (2015, KPMG Transfer Pricing);

Moonhee Cho (2015, Korea Institute for International Economic Policy);

Juan He (2016, Huazhong Agricultural University);

Feifei Liang (2018, South China Agricultural University);

Jiaqi Qi (2018, Taiping Assets Management);

Sungkwol Park (2019, Korean Ministry of Strategy and Finance);

Daemyung Lee (in progress);

Huiwen Hu (in progress);

Siqi Zhang (in progress);

Eve Oh (in progress).

Doctoral Dissertation Committee Member

Kristen E. Collett-Schmitt (2008);
Gunce Eryuruk (2009);
Ying Zhu (2009);
Adam Dormanski (2010);
Hee-Jung Choi (2011);
Yehushua Shay Fatal (2011);
Aycan Koksal (2012);
Tsun-Feng Chiang (2013);
Luyuan Niu (2013);
Xuan Chen (2013);
Zhen Wang (2014);
Yan Zheng (2015);
Jeonghoi Heo (2015);
Marjan Orang (2016);
Haoshi Yang (2016);
Sanghyun Kim (2017);
Ford Ramsey (2017);
Shenan Wu (2018);
Longzhong Shi (2018);
Song Nyeon Kim (2018);
Shuyang Wang (2019);
Huachen Li (2019);
Tiezheng Song (2019);
Kelly Nelson (2019);
Byung Yul Park (in progress);
Ruixue Wang (in progress).

Master Thesis Committee Member

Melanie Ball (2012).

SERVICES

University

Group Insurance and Benefits Committee, 2015-2018.

College

CALS Tenure and Promotion Committee, 2018-2019.

Departmental

Post Tenure Review Committee, 2016-2018;

Peer Teaching Review, 2013, 2017, 2018, 2019;
Faculty Recruiting Committee, 2017;
Graduate Program Admission Committee Member, 2010-2015;
Co-organizer, Agricultural Economics Seminar Series, 2008-2016;
Departmental Committee for Selecting Doctoral Dissertation for External Awards, 2008, 2009, 2014;
North Carolina State Employees Combined Campaign, ARE Liaison, 2007.

Professional:

Associate Editor:

American Journal of Agricultural Economics, 2012-2015;
Journal of Agricultural & Food Industrial Organization, 2009—present.

External Reviewer for Tenure and Promotion:

Promotion of Dr. Christian Rojas at University of Massachusetts-Amherst to Full Professor.

Referee:

Agribusiness: An International Journal; Agricultural Economics; American Journal of Agricultural Economics; Applied Economics; Applied Economic Perspectives & Policy; Canadian Journal of Agricultural Economics; Choices; China Agricultural Economic Review; China Economic Review; Computational Statistics and Data Analysis; Contemporary Economic Policy; Econometrics Journal; Econometrics Reviews; Empirical Economics; European Review of Agricultural Economics; Geneva Risk and Insurance Review; International Economic Review; International Journal of Industrial Organization; Journal of Agricultural & Food Industrial Organization; Journal of Agriculture and Applied Economics; Journal of Agricultural Economics; Journal of Agricultural and Resource Economics; Journal of Agricultural Science and Technology; Journal of Applied Econometrics; Journal of Business and Economic Statistics; Journal of Economic Behavior and Organization; Journal of Econometrics; Journal of Economics and Management Strategy; Journal of Environmental Management; Journal of Environmental and Economics Management; Journal of Family and Economic Issues; Journal of Public Economics; Journal of Public Economic Theory; National Science Foundation; Population and Environment; Research Grants Council of Hong Kong; Review of Industrial Organization; Selected Papers for International Conference for Agricultural Economists; Selected Papers for Applied & Agricultural Economics Association Annual Meeting; Selected Papers for International Association for Applied Econometrics Annual Conference; Scandinavian Journal of Economics.

Committee Member:

May 2019

Agricultural & Applied Economics Association --- Economics, Statistics & Information Resources Committee, 2007-2010.

Topic Leader:

Agricultural & Applied Economics Association Annual Meeting Selected Presentations, 2009-2010.