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EMPLOYMENT

- Professor, Department. of Agricultural Economics, Texas A&M University, 2023 - Date
 - Associate Department Head of Research and Graduate Programs, 2025 - Date
 - Faculty Affiliate, Texas A&M Institute for Advancing Health through Agriculture, 2022 - Date
 - Faculty Affiliate, Texas A&M Data Science Institute, 2021 - Date
 - Faculty Associate, Texas A&M Energy Institute, 2017 - Date
 - Faculty Associate, Texas A&M Human Behavior Laboratory, 2016 - Date
- Associate Professor, Department. of Agricultural Economics, Texas A&M University, 2018 - 2023
- Assistant Professor, Department of Agricultural Economics, Texas A&M University, 2013 - 2018
- Visiting Assistant Professor, Department of Agricultural Economics, Texas A&M University, 2010 - 2013
- Postdoctoral Researcher, Department of Molecular and Cellular Biology, University of Guelph, 2003 - 2005

EDUCATION

- Ph. D. in Economics, Texas A&M University, May, 2010
- Ph. D. in Biology, Duke University, May, 2004
 - Graduate Certificate in Nonlinear and Complex Systems
 - Graduate Certificate in Ecology
- B. S. in Life Sciences, Peking University, June, 1998
 - Major in Plant Molecular and Developmental Biology

SERVICE

Service to the Profession

- Co-Editor, Applied Economic Perspectives and Policy, 2024 - Date
- Teaching Award Committee, Agricultural & Applied Economics Association (AAEA), 2023 - 2025
- Mentor, AAEA Uma Lele Mentoring Program, Agricultural & Applied Economics Association (AAEA), 2023 - 2024
- Topic Leader, Behavioral & Institutional Economic Section, Agricultural & Applied Economics Association (AAEA) Annual Meeting, 2022 - 2023
- Chair, China Section, Agricultural & Applied Economics Association (AAEA), Three-Year Service Term as Chair-Elect, Chair, and Immediate Past Chair, 2021 - 2023
- Program Reviewer in Food and Agricultural Marketing Policy, Agricultural & Applied Economics Association Annual Meeting, 2021, 2022
- Judge, Graduate Student Section Policy Communication Competition, Agricultural & Applied Economics Association (AAEA), 2021
- Topic Leader, Research methods, Econometrics, & Statistics Section, Agricultural & Applied Economics Association (AAEA) Annual Meeting, 2017 - 2018
- Reviewer in Production Economics, Labor & Household Economics, Agricultural and Applied Economics Association (AAEA) Annual Meeting, 2012, 2013, 2014
- Editorial Board, Journal of Integrative Agriculture, 2022 - Date
- Reviewer, Global Grand Challenge, United States Agency for International Development (USAID) LASER PULSE, 2021
- Reviewer, Seeding Solutions, Foundation for Food & Agriculture Research (FFAR), 2021
- External reviewer, Faculty Promotion and Tenure Application, Department of Agricultural Economics and Rural Sociology, University of Idaho, 2022

Service to the University and College

- Honors Faculty, University Undergraduate Honors Program, Texas A&M University, 2014 - Date
- Honor Council Member, Texas A&M University, 2020 - Date
- Chair, Award Committee, College of Agriculture and Life Sciences, 2023 - Date
- Committee Chair, Data Science Workshop at the Intersection of Agriculture with its Affiliated Disciplines, Texas A&M University Data Science Institute, 2022
- Tom Slick Graduate Research Fellowship Selection Committee, 2021 - Date
- Faculty Screening Committee, Agricultural & Natural Resources Policy (ANRP) Internship, 2018
- New Faculty Orientation Panel in Teaching, Texas A&M University, 2016
- Cochair, Women Faculty Network Event in Measuring Impact and WFN programming, College of Ag & Life Sciences, 2019

Service to the Department

- Undergraduate Advisory Committee, Department of Agricultural Economics, Texas A&M University, 2016 - Date
- Department Head Search Committee, Department of Agricultural Economics, Texas A&M University, 2024-2025
- Chair, Department Teaching Award Committee, Department of Agricultural Economics, Texas A&M University, 2022-Date
- Academic Review Committees (Chairs in 3 committees and committee members in 3 committees), Department of Agricultural Economics, Texas A&M University, 2023-Date
- Graduate Student Research Award Committee, Annual Symposium for Agricultural & Applied Economic Research, Texas A&M University, 2025, 2016
- Ph.D. Markets and Information Economics Field Prelim Committee, Department of Agricultural Economics, Texas A&M University, 2011 - 2022
- Ph.D. Qualifier Committee, Department of Agricultural Economics, Texas A&M University, 2015 - 2023
- Faculty Advisory Committee, Department of Agricultural Economics, Texas A&M University, 2016 - 2018, 2019 - 2021 (Chair)
- Academic Program Review Committee, Department of Agricultural Economics, Texas A&M University, 2018 - 2019
- Faculty Search Committee, Department of Agricultural Economics, 2015 - 2017, 2021 - 2022, 2022 -2023 (Chair)
- AGEC Tailgate Hospitality Committee, Department of Agricultural Economics, Texas A&M University, 2014

SELECTED HONORS and AWARDS

- Mentor, Uma Lele Mentor Fellowship Award, Agricultural & Applied Economics Association (AAEA), 2023
- Outstanding Contribution, Journal of Integrative Agriculture, 2021
- Superior Service Team Award, Texas A&M AgriLife Extension, 2019
- Faculty Guest Coach, TAMU Men's Basketball Team, NCAA Tournament, TAMU vs. University of South Carolina, Invited by Center for Student Athlete Services, Texas A&M University, 2014
- S. Charles Maurice Graduate Fellowship for Outstanding PhD Student, Department of Economics, Texas A&M University, 2009
- Gail Frey Monson Memorial Scholarship for Outstanding Female PhD Student, Department of Economics, Texas A&M University, 2008
- PERC E. Ralph Daniel Scholarship for Outstanding PhD student, Department of Economics, Texas A&M University, 2007

PUBLICATIONS (*Students Advised)

1. Liu, K. *, Zhang, Y. Y. (2025) Consumer Segmentation for Vitamin Purchases: A Machine Learning

- Approach, *International Journal of Market Research*, forthcoming
2. Liu, M.*, Jia, R.*, Zhang, Y. Y. (2025). Curbing Brain Drain: Incentive Programs and Economic Fundamentals in College Students' Job Location Decisions. *Economic Analysis and Policy*, 87, 38-56.
 3. Mwinyiheria, N. Y.*, Salin, V., Zhang, Y. Y., Lin, B., & Chewee, C. (2024). Multi-level marketing system with industrial food processing in Africa: smallholder tomato farmers in Tanzania. *International Food and Agribusiness Management Review*, 27(2), 217-236.
 4. Wang, T., Yi, F., Wu, X., Liu, H., & Zhang, Y. Y. (2024). Calamitous weather, yield risk and mitigation effect of harvest mechanisation: Evidence from China's winter wheat. *Australian Journal of Agricultural and Resource Economics*, 68(2), 386-412.
 5. Chen, S*, Li, Q., Wang, Q. & Zhang, Y.Y. (2023) Multivariate Models of Commodity Future Markets: A Dynamic Copula Approach. *Empirical Economics*. 64, 3037-3057.
 6. Chen, S. *, Zhang, Y. Y., & Jin, S. (2023). Spousal dependence and intergenerational transmission of body mass index. *Applied Economics*, 55(43), 5081-5096.
 7. Saboori, B., Radmehr, R., Zhang, Y. Y., & Zekri, S. (2022). A new face of food security: A global perspective of the COVID-19 pandemic. *Progress in Disaster Science*, 16, 100252.
 8. Melo, G., Monteza, D., Colson, G., & Zhang, Y. Y. (2022). How to assess? Student preferences for methods to assess experiential learning: A best-worst scaling approach. *PLoS One*, 17(10), e0276745.
 9. Gatson, S. N., Cisneros, M., Brown, R., Aitkenhead-Peterson, J. A., & Zhang, Y. Y. (2022). Urban networks, micro-agriculture, and community food security. *Circular Economy and Sustainability*, 2(3), 1253-1265.
 10. Marwah, P*, Zhang, Y. Y., & Gu, M. (2022). Impacts of Crapemyrtle Bark Scale on Consumers and the Horticulture Industry. *Sustainability*, 14(3), 1857.
 11. Zhang, Y. Y. (2022). Nonparametric estimation of first price auctions via density quantile function. *Economics Letters*, 216, 110560.
 12. Marwah, P*, Zhang, Y. Y., & Gu, M. (2021). Impacts of COVID-19 on the Green Industry. *Horticulturae*, 7(10), 329.
 13. Marwah, P. *, Zhang, Y. Y., & Gu, M. (2021). Investigating Producers' Preferences for Crapemyrtle and Their Perceptions Regarding Crapemyrtle Bark Scale. *Horticulturae*, 7(6), 146.
 14. Huang, Q., Zhang, Y. Y., Chen, Q., & Ning, M. (2021). Does Air Pollution Decrease Labor Supply of the Rural Middle-Aged and Elderly?. *Sustainability*, 13(5), 2906.
 15. Zhang, Y. Y., Zheng, Q., & Wang, H. (2021). Challenges and Opportunities Facing the Chinese Economy in the New Decade: Epidemics, Food, Labor, E-Commerce, and Trade. *The Chinese Economy*, 54(6), 373-375.
 16. Wu, W.*, Wu, X., Zhang, Y. Y., & Leatham, D. (2021). Gaussian process modeling of nonstationary crop yield distributions with applications to crop insurance. *Agricultural Finance Review*. 81(5),767-783.
 17. Zhao, K.*, Shi, H., Zhang, Y.Y., & Sheng, J. (2021). Fresh produce e-commerce and online shoppers' purchase intention. *The Chinese Economy*, 54(6), 415-429.
 18. Yang, X., Zhang, Y., & Li, Q. (2021). The role of price spillovers: what is different in China. *Empirical Economics*, 60(459-485).
 19. Lin, B. X., & Zhang, Y. Y. (2020). Impact of the COVID-19 pandemic on agricultural exports. *Journal of Integrative Agriculture*, 19(12), 2937-2945.
 20. Yi, F., Zhou, M., & Zhang, Y. Y. (2020). Value of Incorporating ENSO Forecast in Crop Insurance Programs. *American Journal of Agricultural Economics*, 102(2), 439-457.
 21. Wu, X., & Zhang, Y. Y. (2020). A local maximum likelihood model of crop yield distributions. *Canadian Journal of Agricultural Economics*, 68(1), 117-125.
 22. Zhang, Y., Jin, S., Zhang, Y. Y., & Yu, X. (2020). How country of origin influences Chinese consumers' evaluation of imported milk?. *China Agricultural Economic Review*. 13(1), 150-172.
 23. Cai, Z., Li, Y., & Zhang, Y. Y. (2020). A network-based approach to examine the impact of within-city industry agglomeration on total factor productivity. *Quality Technology & Quantitative Management*, 17(6), 738-746.
 24. Yi, F., Ye, H., Wu, X., Zhang, Y. Y., & Jiang, F. (2020). Self-aggravation effect of air pollution: Evidence from residential electricity consumption in China. *Energy Economics*, 86, 104684.
 25. Lin, B., & Zhang, Y. Y. (2020). The Impact of Fiscal Subsidies on the Sustainability of China's Rural Pension Program. *Sustainability*, 12(1), 186.

26. Zhang, Y. Y., Nayga Jr, R. M., & Depositario, D. P. T. (2019). Learning and the possibility of losing own money reduce overbidding: Delayed payment in experimental auctions. *PloS one*, 14(5), e0213568.
27. Zhang, Y. Y., Palma, M. A., Jin, S., & Yuan, X*. (2019). US consumer reactions to China's Shuanghui acquisition of Smithfield Foods and its neural basis. *Agribusiness*, 35(1), 69-83.
28. Lin, B., Lin, Z., Zhang, Y. Y., & Liu, W. (2018). The impact of the new rural pension scheme on retirement sustainability in China: Evidence of regional differences in formal and informal labor supply. *Sustainability*, 10(12), 4366.
29. Zhang, Y. Y. (2017). A density-ratio model of crop yield distributions. *American Journal of Agricultural Economics*, 99(5), 1327-1343.
30. Zhang, Y. Y. (2017). A shape constrained estimator of bidding function of first-price sealed-bid auctions. *Economics Letters*, 150, 67-72.
31. Kassas, B.*, Palma, M. A., & Zhang, Y. (2016). The role of incentives on preference revelations in auctions versus rankings. *Journal of choice modelling*, 20, 73-85.
32. Zhang, Y. Y., Wu, X., & Li, Q. (2016). A Simple Consistent Nonparametric Estimator of the Lorenz Curve. In *Essays in Honor of Aman Ullah*. Emerald Group Publishing Limited.
33. Green, C., Li, Q., & Zhang, Y. Y. (2017). Nonparametric estimation of regression models with mixed discrete and continuous covariates by the K-nn method. *Econometric Reviews*, 36(1-3), 205-224.
34. Zhang, Y. Y., Chang, M. S., & Fuller, S. W. (2015). Statistical analysis of vessel waiting time and lockage time on the Upper Mississippi River. *Maritime Economics & Logistics*, 17(4), 416-439.
35. Liu, W., Zhang, Y. Y., & Li, Q. (2015). A semiparametric varying coefficient model of monotone auction bidding processes. *Empirical Economics*, 48(1), 313-335.
36. Gao, Y., Zhang, Y. Y., & Wu, X. (2015). Penalized exponential series estimation of copula densities with an application to intergenerational dependence of body mass index. *Empirical Economics*, 48(1), 61-81.
37. Depositario, D. P. T., Nayga Jr, R. M., Zhang, Y. Y., & Mariano, R. D. E. (2014). Revisiting Cash Endowment and House Money Effects in an Experimental Auction of a Novel Agri-food Product in the Philippines. *Asian Economic Journal*, 28(2), 201-215.
38. Sun, Y., Zhang, Y. Y., & Li, Q. (2015). Nonparametric panel data regression models. *The Oxford handbook of panel data*, 285-324.
39. Zhang, Y. Y., Li, Q., & Li, D. (2011). Recent Developments in Semiparametric and Nonparametric Estimation of Panel Data Models with Incomplete Information: A Selected Review. *Missing Data Methods: Cross-sectional Methods and Applications*.
40. Zhang, Y. Y., Gu, J., & Li, Q. (2011). Nonparametric panel estimation of online auction price processes. *Empirical Economics*, 40(1), 51-68.
41. Vamosi, J. C., Zhang, Y., & Wilson, W. G. (2007). Animal dispersal dynamics promoting dioecy over hermaphroditism. *The American Naturalist*, 170(3), 485-491.
42. Bi, Y. M., Zhang, Y., Signorelli, T., Zhao, R., Zhu, T., & Rothstein, S. (2005). Genetic analysis of Arabidopsis GATA transcription factor gene family reveals a nitrate-inducible member important for chlorophyll synthesis and glucose sensitivity. *The Plant Journal*, 44(4), 680-692.
43. Uyenoyama, M. K., Zhang, Y., & Newbigin, E. (2001). On the origin of self-incompatibility haplotypes: transition through self-compatible intermediates. *Genetics*, 157(4), 1805-1817.