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ACADEMIC APPOINTMENTS

Professor of Economics, Texas A&M University, 2022-
Associate Professor of Economics, Texas A&M University, 2018-2022
Assistant Professor of Economics, Texas A&M University, 2014-2018.
Assistant Professor of Economics, University of Connecticut, 2011-2014.

EDUCATION

Ph.D., Economics, Johns Hopkins University, 2011.
M.S., Physics, Tsinghua University.
B.E., Mechanical Engineering, Harbin Institute of Technology.

FIELDS

Microeconometrics, Empirical Industrial Organization, Applied microeconomics.

TEACHING INTERESTS

Econometrics, Empirical Industrial Organization

PUBLICATIONS

14. "A Nonparametric Non-classical Measurement Error Approach to Estimating Intergenerational Mobility Elasticities" (with Le Wang and Ruli Xiao), *Journal of Business & Economic Statistics*. 40 (2022), 169-185. [Link]
13. "Dynamic Decisions under Subjective Beliefs: A Structural Analysis" (with Yingyao Hu and Ruli Xiao), *Journal of Econometrics*. 222(2021), 645-675. [Link]
12. "Dynamic Efficiencies of the 1997 Boeing-McDonnell Douglas Merger" (with Wei Zhao), *RAND Journal of Economics*. 50(3), Fall 2019, 666-694. [Link]
11. "Specification and Negotiation in Incomplete Contracts" (with Xun Tang), *RAND Journal of Economics*. 50(1), Spring 2019, 57-92. [Link]
10. "Simple Menus of Cost-based Contracts with General Cost Structures" (with Daiqiang Zhang), *Journal of Public Economic Theory*, 20 (2018), 742-756. [Link]
9. "Estimating Private Provision of Public Goods with Heterogenous Participants: A Structural Analysis" (with Yingyao Hu and Pengfei Liu), *Journal of Economic Behavior & Organization*, 152 (2018), 124-146. [Link]
8. "Identification of First-Price Auctions with Non-Equilibrium Beliefs: A Measurement Error Approach", *Journal of Econometrics*, 200(2017), 326-343. [Link]

7. "Identifying Models of Committee Decisions with Heterogeneous Tastes and Ideological Bias", (with Xun Tang), *Journal of Business & Economic Statistics*, 35(2017), 452-469. [Link]
6. "Identification and Estimation of Online Price Competition with an Unknown Number of Firms" (with Michael Baye, Yingyao Hu, John Morgan and Matthew Shum), *Journal of Applied Econometrics*, 32(2017), 80-102. [Link]
5. "Semiparametric Estimation of Partially Linear Varying Coefficient Panel Data Models" (with Cheng Hsiao and Dong Li), *Advances in Econometrics*, 36(2016), 47-65. [Link]
- "Semiparametric Estimation of Partially Linear Varying Coefficient Panel Data Models" (Yonghong An, Cheng Hsiao and Dong Li), in Gloria Gonzalez-Rivera, R. Carter Hill, Tae-Hwy Lee (ed.) *Essays in Honor of Aman Ullah (Advances in Econometrics, Volume 36, 2016)* Emerald Group Publishing Limited, 47-65. [Link]
4. "Health Spending and Public Pension: Evidence from Panel Data" (with Kai Zhao and Rong Zhou), *Applied Economics*, 48(2016), 987-1004. [Link]
3. "Congestion with Heterogeneous Commuters" (with Zhixiang Zhang), *Economic Modelling*, 29(2012), 557-565. [Link]
2. "Well-posedness on Measurement Error Models for Self-Reported Data"(with Yingyao Hu), *Journal of Econometrics*, 168(2012), 259-269. [Link]
1. "Estimating First-price Auctions with an Unknown Number of Bidders: A Misclassification Approach" (with Yingyao Hu and Matt Shum), *Journal of Econometrics*, 157(2010), 328-341. [Link]

WORKING PAPERS

6. "Eliciting Information from Sensitive Survey Questions" (with Pengfei Liu), *submitted, 2021*.
5. "Agenda Manipulation, Media Bias and Public Policy" (with Weining Bao and Jian Ni), *Reject & Resubmit at Marketing Science, 2021*.
4. "A Structural Analysis of Simple Contracts" (with Shengjie Hong and Daiqiang Zhang), *Revised and Resubmitted at Journal of Econometrics, 2022*.
3. "Identifiability and Inference of Hidden Markov Models" (with Yingyao Hu and Matt Shum, 2019).
2. "Assurance Contract in Threshold Public Goods Provision with Incomplete Information" (with Zhi Li and Pengfei Liu, 2020), **Best Poster Award at 2016 EAERE Annual Conference**.
1. "Government Procurement, Market Power and Consumer Welfare: Empirical Evidence from the Infant Formula Market" (with David Davis, Rui Huang, Yizao Liu, and Ruli Xiao, 2021).

WORK IN PROGRESS

- "How Likely to Be Caught: Identification and Estimation of Strategic Misreporting" (with Shengjie Hong and Ping Qian).

“Dynamic Models with Unobserved State Variables and Heterogeneity: Time Inconsistency in Drug Compliance” (with Yingyao Hu and Jian Ni).

“Identification and Estimation of Dynamic Risk Preference in Health Insurance Market” (with Yingyao Hu and Jian Ni).

“Merger Analysis with Multiple Endogenous Market Structure Variables: with an Application to the Blocked Staples-Office Depot Merger” (with Yizao Liu, Michael Williams, and Wei Zhao).

“Semiparametric Identification of A Dynamic Discrete-Choice Model: An Application to the U.S. Mortgage Market” (with Kristopher Gerardi and Yunhui Zhao).

“Measurement error in self-reported data and estimation of Gini coefficient in China” (with Yingyao Hu).

OTHER PUBLICATIONS

“Counterintuitive Signs in Reduced Form Price Regressions” (Yonghong An, Michael A. William and Wei Zhao), *American Bar Association Section of Antitrust Law, Economics Committee Newsletter*, 16 (2016), 7-19.

GRANTS

Co-PI, “Economics of WIC and Infant Formula Markets”, U.S. Department of Agriculture, Economic Research Service Cooperative Agreement, \$20,000, 2012-2013 (with David Davis and Rui Huang).

AWARDS AND HONORS

Outstanding Graduate Instructor, Department of Economics, Texas A&M University, 2020

Outstanding Graduate Advisor, Department of Economics, Texas A&M University, 2018

Outstanding Graduate Instructor, Department of Economics, Texas A&M University, 2017.

Aerospace Haiying fellowship, Harbin Institute of Technology, 1998.

COURSE TAUGHT

Introduction to Econometrics (Spring 2015-).

Econometrics I (Fall 2016-).

Applied Microeconometrics (Fall 2014-).

GRADUATE STUDENT ADVISING

(first job in italic, ** for primary advisor, * for co-advisor)

In progress: Xiaan Zhou (Dept. of Finance), Tommy McDowell, Liuyi Guo**, Zongxuan Han**, Jiee Zhong, Yutong Li (Dept. of Finance), Mengqiao Liu (Dept. of Agricultural Econ.), Yongzhi Xu**

2022: Shuo Tian**, Fangfei Guo (Dept. of Marketing)

2021: Sunyoung Lee (Department of Agricultural Econ.)

2020: Shixuan Li** (East China Normal University), Li Zheng* (Jinan University), Yixing Chen (Dept. of Marketing), Xiaotong Yuan (Dept. of Agricultural Econ), Xiaojuan Zhou (Dept. of Educational Administration & Human Resource Development), Xiongfei Guo.

2019: Guorong Dai (Dept. of Statistics), Ruichao Si, Karen Yan* (Georgia Tech.)
2018: Ta-Cheng Huang, Wenzheng Gao* (*Nankai University*), Ephraim Karsagi, Yongzhi Sun, Yinjunjie Zhang (Dept. of Agricultural Econ.), Naibao Zhao.
2017: Zheng Li* (*North Carolina State University*), Daiqiang Zhang* (*SUNY-Albany*).

PRESENTATIONS

2021: SEA 91th Annual Meeting, Central University of Finance and Economics.
2020: University of Arizona, Emory University.
2019: Bank of Canada, Nankai University, Wuhan University, Asian Meeting of Econometric Society, China Meeting of Econometric Society, SUFE IO Conference 2019, 2019 Shanghai Workshop of Econometrics.
2018: Nankai University, North Carolina State University, University of Hong Kong, HKUST, Wuhan University, Tsinghua Econometrics Workshop, China Meeting of Econometric Society, CEMP 2018 Workshop.
2017: Vanderbilt University, Texas Camp Econometrics, 2017 CES North America Conference, Tsinghua International Conference on Econometrics 2017, 2017 China Meeting of Econometric Society.
2016: Texas Camp Econometrics, Indiana University, Fudan University, China Meeting of Econometric Society, Tsinghua International Conference on Econometrics.
2015: The 11th World Congress of the Econometric Society, The 5th Shanghai Econometrics Workshop (keynote speaker), Texas Camp Econometrics, North American Winter Meetings of the Econometric Society.
2014: Renmin University, Tsinghua International Conference in Econometrics.
2013: China Meeting of the Econometric Society, Midwest Econometrics Group (MEG), Renmin University, Texas A&M University, Tsinghua International Conference in Econometrics, University of Toronto.
2012: Clark University, North American Summer Meetings of the Econometric Society, Ohio State University.
2011: Hong Kong University of Science and Technology, National University of Singapore, North American Summer Meetings of the Econometric Society, Ryerson University, University of California-Irvine, University of Connecticut (ARE), University of Connecticut, University of Zürich.

PROFESSIONAL SERVICES AND ACTIVITIES

Editorial Board:

Executive Editor, *International Studies of Economics*, August 2022-

Conference Committee/Organizer:

Texas Econometrics Camp XXI, February 2016 (Organizer).
Midwest Econometrics Group, Fall 2017 (program committee).

External Examiner, PhD thesis:

Department of Economics, University of Toronto, June 2022.

Consultant:

Berkeley Research Group.
Competition Economics, LLC., 2016.
World Bank, Agriculture & Rural Development, June 2011.

Panelist, NSF (2020, 2021).

Referee:

Applied Economics, Biometrics, China Economic Review, Economic Modelling, Econometric Theory, Econometric Reviews, Economics Letters, Frontier of Economics in China, Games and Economic Behavior, International Economic Review, International Journal of Industrial Organization, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Economic Behavior & Organization, Journal of Econometrics, Journal of Industrial Economics, Journal of Public Economic Theory, Journal of the Royal Statistical Society Series A (Statistics in Society), Oxford Bulletin of Economics and Statistics, Review of Economics and Statistics, Review of Economic Studies, Sinica Statistica.