

## YONGHONG AN

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### EDUCATION

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

### RESEARCH INTERESTS

Microeconometrics, Industrial Organization, Applied microeconomics

### TEACHING INTERESTS

Econometrics, Empirical Industrial Organization

### ACADEMIC APPOINTMENTS

- Sep. 2018- Associate Professor of Economics (with tenure), Texas A&M University
- Aug. 2014-Aug.2018 Assistant Professor of Economics, Texas A&M University
- Aug. 2011-Aug.2014 Assistant Professor of Economics, University of Connecticut

### PEER-REVIEWED PUBLICATIONS

1. "Specification and Negotiation in Incomplete Contracts" (with Xun Tang), *forthcoming, RAND Journal of Economics*.
2. "Estimating Private Provision of Public Goods with Heterogenous Participants: A Structural Analysis" (with Yingyao Hu and Pengfei Liu), *forthcoming, Journal of Economic Behavior & Organization*.
3. "Simple Menus of Cost-based Contracts with General Cost Structures" (with Daiqiang Zhang), *forthcoming, Journal of Public Economic Theory*.
4. "Identification of First-Price Auctions with Non-Equilibrium Beliefs: A Measurement Error Approach", *Journal of Econometrics*, 200(2017), 326-343.
5. "Identifying Models of Committee Decisions with Heterogeneous Tastes and Ideological Bias", (with Xun Tang), *Journal of Business & Economic Statistics.*, 35(2017), 452-469.
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.
7. "Semiparametric Estimation of Partially Linear Varying Coefficient Panel Data Models" (with Cheng Hsiao and Dong Li), *Advances in Econometrics*, 36(2016), 47-65.

8. "Health Spending and Public Pension: Evidence from Panel Data" (with Kai Zhao and Rong Zhou), *Applied Economics*, 48(2016), 987-1004.
9. "Congestion with Heterogeneous Commuters" (with Zhixiang Zhang), *Economic Modelling*, 29(2012), 557-565.
10. "Well-posedness on Measurement Error Models for Self-Reported Data"(with Yingyao Hu), *Journal of Econometrics*, 168(2012), 259-269.
11. "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.

#### WORKING PAPERS

12. "Dynamic Merger Efficiencies of the 1997 Boeing-McDonnell Douglas Merger" (with Wei Zhao), *R&R at RAND Journal of Economics*.
13. "Agenda Manipulation, Media Bias and Public Policy" (Yonghong An, Weining Bao and Jian Ni).
14. "Your American Dream is Not Mine! A New Approach to Estimate Intergenerational Mobility Elasticities" (with Le Wang and Ruli Xiao), *Submitted*.
15. "Dynamic Decisions under Subjective Beliefs: A Structural Analysis" (with Yingyao Hu and Ruli Xiao), *Submitted*.
16. "Identification and Estimation of Multi-Period Simple Contracts" (with Shengjie Hong and Daiqiang Zhang), *Submitted*.
17. "Identifiability and Inference of Hidden Markov Models" (with Yingyao Hu and Matt Shum).
18. "Assurance Contract in Threshold Public Goods Provision with Incomplete Information" (with Zhi Li and Pengfei Liu), **Best Poster Award at 2016 EAERE Annual Conference**.
19. "Government Procurement, Market Power and Consumer Welfare: Empirical Evidence from the Infant Formula Market" (with David Davis, Rui Huang, Yizao Liu, and Ruli Xiao).

#### 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).
- "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).

#### **OTHER PEER-REVIEWED 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**

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

Department fellowship, Johns Hopkins University, 2005-2010.

Guanghua fellowship, Tsinghua University, 2001.

Aerospace Haiying fellowship, Harbin Institute of Technology, 1998.

#### **COURSE TAUGHT**

Fall 2017: Econometrics I, Applied Microeconometrics

Spring 2017: Introduction to Econometrics

Fall 2016: Econometrics I, Applied Microeconometrics

Fall 2015: Applied Microeconometrics

Spring 2015: Introduction to Econometrics

Fall 2014: Applied Microeconometrics

#### **GRADUATE STUDENT ADVISING**

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

**In progress:** Yixing Chen (Dept. of Marketing), Guorong Dai (Dept. of Statistics), Xiongfei Guo, Shixuan Li\*\*, Mengqiao Liu (Dept. of Agricultural Econ.), Ruichao Si, Xueqin Yan, Xiaotong Yuan (Dept. of Agricultural Econ.), Li Zheng, Xiaojuan Zhou (Dept. of Educational Administration & Human Resource Development)

**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**

2018: North Carolina State University, University of Hong Kong (scheduled), HKUST (scheduled)

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.

## **SERVICE**

### **Department Service:**

IT committee, 2015-17

Intellectual Climate and Diversity Committee, 2014-15

### **Conference Committee/Organizer:**

Texas Econometrics Camp XXI, February 2016 (Organizer).

Midwest Econometrics Group, Fall 2017 (program committee)

### **Consultant:**

World Bank, Agriculture & Rural Development, June 2011.

### **Referee:**

Applied Economics, Biometrics, China Economic Review, Economic Modelling, Econometric Reviews, Economics Letters, Games and Economic Behavior, International Economic Review, Journal of Applied Econometrics, Journal of Economic Behavior & Organization, Journal of Econometrics, Journal of Industrial Economics, Oxford Bulletin of Economics and Statistics, Review of Economic Studies, Sinica Statistica.