

XUN TANG

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RESEARCH AND TEACHING FIELDS

Research: Econometrics, Industrial Organization
Teaching: Econometrics, Industrial Organization, Microeconomics

EMPLOYMENT

Professor, Economics Dept., Rice University, July 2017 - Present
Associate Professor (with tenure), Economics Dept., Rice University, July 2014-June 2017
Assistant Professor, Economics Dept., University of Pennsylvania, July 2009-June 2015
Lecturer, Economics Dept., University of Pennsylvania, July 2008-June 2009

EDUCATION

Ph.D., Economics, Northwestern University, Evanston, IL, 2008
M.A., Economics, Northwestern University, Evanston, IL, 2004
M.P.P., Harris School of Public Policy, University of Chicago, 2003
B.A., English, Beijing Foreign Studies University, Beijing, China, 1998

PUBLICATION (REFEREED JOURNAL ARTICLES)

1. "Estimating Simultaneous Games with Incomplete Information under Median Restrictions" (*Economics Letters*, Vol. 108, Issue 3, 2010)
2. "Bounds on Revenue Distributions in Counterfactual Auctions with Reserve Prices" (*Rand Journal of Economics*, Vol. 42, Issue 1, 2011)
3. "Inference of Signs of Interaction Effects in Simultaneous Games with Incomplete Information" (with Aureo de Paula. *Econometrica*, Vol. 80, Issue 1, 2012)
4. "Identification and Estimation of Stochastic Sequential Bargaining Games" (with Antonio Merlo. *Econometrica*, Vol. 80, Issue 4, 2012)
5. "Semiparametric Inference in Dynamic Binary Choice Models" (with Andriy Norets. *Review of Economic Studies*, Vol 81, Issue 3, 2014)
6. "Inference of Bidders' Risk Aversion in Ascending Auctions with Endogenous Entry" (with Hanming Fang. *Journal of Econometrics*. Vol. 180, Issue 2, 2014)
7. "Regulation and Capacity Choices under Incomplete Information: Evidence from Dialysis Market" (with Mian Dai. *Review of Economics and Statistics*, Vol. 97, No. 5, pp. 965-982, 2015)
8. "Identification and Estimation of Games with Incomplete Information Using Excluded Regressors" (with Arthur Lewbel. *Journal of Econometrics*, Vol. 189, Issue 1, pp.229-244, 2015)

9. “On the Informational Content of Special Regressors in Heteroskedastic Discrete Response Models” (Joint with Songnian Chen and Shakeeb Khan. *Journal of Econometrics*, Vol.193, Issue 1, July 2016)

10. “Committee Decisions with Heterogeneous Tastes and Ideological Bias” (with Yonghong An. *Journal of Business and Economic Statistics*, Vol. 35, 2017)

11. “New Results on the Identification of Stochastic Bargaining Models” (with Antonio Merlo, accepted for publication at *Journal of Econometrics*, 2018)

WORKING PAPERS (REVISE & RESUBMIT)

1. “Multi-Attribute Auctions with Unobserved Heterogeneity in Supplier Qualities and Procurer Tastes” (with Elena Krasnokutskaya and Kyungchul Song)

2. “Estimating Unobserved Individual Heterogeneity through Pairwise Comparisons” (with Elena Krasnokutskaya and Kyungchul Song)

3. “Bargaining with Optimism: A Structural Analysis of Medical Malpractice Lawsuits in Florida” (with Antonio Merlo)

4. “Identification and Estimation of Auctions with Incomplete Contracts” (with Yonghong An)

WORKING PAPERS (UNDER REVIEW)

5. “Estimation of Large Network Games with Private Link Information,” (with Hulya Eraslan)

6. “Exclusion Restriction in Dynamic Binary Choice Panel Data Models,” (with Shakeeb Khan and Songnian Chen)

CONFERENCE AND SEMINAR PRESENTATIONS

(2018) (Scheduled) UBC, Vanderbilt, Northwestern, UCLA

(2017) Bank of Canada, Indiana University (Bloomington), University College London, Washington University in St. Louis, University of South California, Vanderbilt

(2016) ASSA 2016 (San Francisco), University College London, London School of Economics, CEMFI (Madrid), Toulouse, CREST (Paris), Vanderbilt, Boston College

(2015) Emory, ESWC (Montreal), Ohio State, Princeton, Stanford (SITE), Texas Econometrics Camp, Texas A&M, U Wisconsin (Madison), Yale (Cowles Foundation)

(2014) Penn State, Rochester, Northwestern, UW Milwaukee, NAES Summer Meeting 2014, Brown

(2013) Cornell, University College London, UCLA, USC, UT Austin, Rutgers, U Penn (Econ), U Montreal, ASSA 2013 (San Diego), NAES Summer Meeting 2013, NYU, Carnegie Mellon

(2012) Brown, U California (Berkeley), U Penn (Wharton), U Penn (Econ), Stanford (SITE), U Toronto, U British Columbia, U Illinois (Urbana-Champaign), U Connecticut, U Michigan (Ann Arbor), U Virginia

(2011) Boston College, Columbia, Duke University, ASSA 2011 (Denver, CO), London School of Economics, University College London, NAES Summer Meeting (St. Louis, MO), Northwestern U, Rice U, Texas A&M, U Pittsburgh, International Conference of the Society of Economic Dynamics (Ghent, Belgium)

- (2010) Econometric Society World Congress (Shanghai), National University of Singapore, Northwestern, Princeton, Vanderbilt
- (2009) Drexel, North America Econometric Society Summer Meeting (Boston), Penn State, U Penn (Wharton School of Business)
- (2008) California Institute of Technology, Carnegie Mellon, Dartmouth, Duke, Georgetown, Stanford GSB, UCLA, U Michigan, U Penn, UT Austin, Princeton

FELLOWSHIPS AND AWARDS

National Science Foundation Grant: “Nonparametric Identification and Estimation of Bargaining Models.” Joint with Antonio Merlo. Amount: \$448,320. Dates: Sep 1, 2013-Aug 31, 2016

Honorable Mention, The Zellner Thesis Award in Business and Economic Statistics, 2009

Fellowship, Center of Industrial Organization, Northwestern University, 2007-2008

University Fellowship, Northwestern University, 2003-2004

Harris Fellowship, Harris School of Public Policy, the University of Chicago, 2001-2003

TEACHING EXPERIENCE

(U Penn): Intro to Statistics (Spring 2009, Spring 2010), Graduate IO (Fall 2010, 2012, 2013), Under-graduate IO (Fall 2010), Graduate Econometrics (Fall 2012, 2013)

(Rice): ECON 409 (Fall 2014); ECON 497 (Spring 2016, 2017, 2018); ECON511 (Spring 2015, 2016, 2017, 2018); ECON578 (Fall 2017)

PHD STUDENT SUPERVISION

Dissertation Advisor of: Nicholas Copeland (Economics, Rice U)

Thesis Committee Member of: Chamna YOON (Economics, U Penn; Initial placement: CUNY, Baruch College, Zicklin School of Business); Hui LI (Economics, U Penn; Initial placement: Carnegie Mellon); Raul Bajo-Buenestado (Economics, Rice; Initial placement: University of Navarro, Spain); Binlei Gong (Economics, Rice; Initial placement: Zhejiang University), Jaepil Han (Economics, Rice; Initial placement: KDI); Jin Li (Economics, Rice); Iliya Atanasov (Political Science, Rice); Mark AGERTON (Economics, Rice); Nick Frazier (Economics, Rice)

REFEREE ACTIVITY

American Economic Review, Annals of Applied Statistics, Econometrica, Econometric Reviews, Econometrics Journal, Econometric Theory, European Economic Review, Empirical Economics, Games and Economic Behavior, International Economic Review, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Econometric Methods, Journal of Industrial Economics, Journal of Political Economy, Quantitative Economics, Quarterly Journal of Economics, Rand Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, National Science Foundation, Social Science and Humanities Research Council of Canada

ADMINISTRATIVE ASSIGNMENTS

Graduate Committee, Rice University, 2014-2015, 2015-2017

Graduate Admissions Committee, University of Pennsylvania, 2008-2010, 2011-2014

Undergraduate Honors Thesis Advisor, University of Pennsylvania, 2010-2011

OTHER EMPLOYMENT

Research Assistant, National Opinion Research Center, University of Chicago, 2002-2003

Associate Director of International Affairs, People's Daily, Beijing, China 1998-2001