

Xianwen Shi

January 2018

CONTACT INFORMATION

Primary Address (St. George Campus): 150 St. George Street, Toronto, ON M5S3G7, Canada
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CITIZENSHIP

Canadian

EDUCATION

2002-2007 Ph.D. in Economics, Yale University, USA
Advisor: Dirk Bergemann
1996-1999 M.A. in Economics, Peking University, China
1992-1996 B.S. in Civil Engineering, Beijing Jiaotong University, China

ACADEMIC POSITION

2013- Associate Professor in Economics, University of Toronto
2007-2013 Assistant Professor in Economics, University of Toronto

PUBLISHED AND FORTHCOMING ARTICLES

1. “Discriminatory Information Disclosure,” with Hao Li, *American Economic Review* 107(11), November 2017, 3363-3385.
2. “Optimal Voting Rules,” with Alex Gershkov and Benny Moldovanu, *Review of Economic Studies* 84(2), April 2017, 688-717.
3. “Academic Wages and Pyramid Schemes: A Mathematical Model,” with Alice Erlinger, Robert J. McCann, Aloysius Siow and Ronald Wolthoff, *Journal of Functional Analysis* 269 (9), November 2015, 2709-2746.
4. “Becker Meets Ricardo: Multisector Matching with Communication and Cognitive Skills,” with Robert J. McCann, Aloysius Siow and Ronald Wolthoff, *Journal of Law, Economics and Organization* 31(4), November 2015, 690-720.
5. “Level-k Reasoning in a Generalized Beauty Contest Game,” with Dmitry Shapiro and Artie Zillante, *Games and Economic Behavior*, 86, July 2014, 308–329.
6. “Information Externality and Intermediaries in Frictional Search Markets,” with Aloysius Siow, *Canadian Journal of Economics* 47(4), November 2014, 1131-1152.
7. “Specialization and Partisanship in Committee Search,” with Benny Moldovanu, *Theoretical Economics*, 8(3), September 2013, 751-774.
8. “On the Equivalence of Bayesian and Dominant Strategy Implementation,” with Alex

- Gershkov, Jacob Goeree, Alexey Kushnir and Benny Moldovanu, *Econometrica*, 81(1), January 2013, 197-220.
9. "Optimal Auctions with Information Acquisition," *Games and Economic Behavior* 74(2), March 2012, 666-686.
 10. "Carrots or Sticks: Prizes and Punishment in Contests," with Benny Moldovanu and Aner Sela, *Economic Inquiry*, 50(2), April 2012, 453-462.
 11. "Information Acquisition in Interdependent Value Auctions," with Dirk Bergemann and Juuso Valimaki, *Journal of the European Economic Association* 7(1), March 2009, 61-89.
 12. "Market Segmentation: the Role of Opaque Travel Agencies," with Dmitry Shapiro, *Journal of Economics and Management Strategy* 14(4), Winter 2008, 803-837.
 13. "Competing Auctions with Endogenous Quantities," with Benny Moldovanu and Aner Sela, *Journal of Economic Theory* 141(1), July 2008, 1-27.
 14. "Contests for Status," with Benny Moldovanu and Aner Sela, *Journal of Political Economy* 115(2), April 2007, 338-363.
 15. "Liquidity Pools, Risk Sharing, and Financial Contagion," with Lawrence Saez, *Journal of Financial Services Research* 25(1), February 2004, 5-23.

WORKING PAPERS

1. "Optimal Discriminatory Disclosure," with Hao Li, July 2017.
2. "The Dimensions of Consensus," with Alex Gershkov and Benny Moldovanu, July 2017.
3. "Auctions with Limited Commitment," with Qingmin Liu, Konrad Mierendorff and Weijie Zhong, revised June 2017, revise and resubmit, *American Economic Review*.
4. "Sequential Innovation and Optimal Patent Design," with Christian Riis, revised August 2012.

FELLOWSHIPS AND HONORS

Dean's Excellence Award, University of Toronto, 2010/2011, 2016/2017
 Alexander von Humboldt Foundation Research Fellowship, 2009-2010
 Yale University Dissertation Fellowship, 2007
 Carl Arvid Anderson Prize Fellowship, Cowles Foundation, 2006
 University Fellowship, Yale University, 2002-2006

RESEARCH GRANTS

Social Sciences and Humanities Research Council, Canada

- Insight Grant, "Topics in Mechanism Design: Beyond the Classical Theory," April 1, 2013 – March 31, 2019, extended to March 31, 2021.
- Standard Research Grant, "Bargaining, Experimentation, and Selection by Committee," April 1, 2011 – March 31, 2014.
- Institutional Grant, "Equilibrium Use of Information: An Experimental Study," April 1, 2011 – March 31, 2013.
- Standard Research Grant, "Contest Design with Punishment and Entry," April 1, 2008 – March 31, 2012.

Connaught Fund, University of Toronto

- Start-Up Grant, "Contest Design with Costly Punishment and Entry," July 1, 2007 – June 30, 2010.

PHD SUPERVISION

Xin Zhao: graduated 2016, committee member and second-year paper supervisor
Tomy Lee: in progress, thesis co-supervisor
Huilan Xu: in progress, thesis supervisor and second-year paper supervisor
Shuangjian Zhang: Mathematics PhD, in progress, committee member
Young Wu: in progress, committee member

TEACHING EXPERIENCE

Instructor, Personnel Economics (U), Spring 2014, Fall 2015-2017
Instructor, Competitive Strategy (U), Fall 2007-2013, Fall 2015-2017
Instructor, Economics of Information (U), Fall 2008-2013
Instructor, Contract Theory (PhD), Fall 2007, 2008, 2011, 2015, 2017
Instructor, Microeconomic Theory (PhD), Spring 2010, 2011, 2014, 2017
Organizer, Micro Theory Reading Course (PhD), Spring 2008, Fall 2014

CONFERENCE AND SEMINAR PRESENTATIONS

2018: Chinese University of Hong Kong (scheduled), Hong Kong Baptist University (scheduled), University of Bonn (scheduled)

2017: University of California at Berkeley, Ohio State University, Canadian Economic Theory Conference at Vancouver, the 8th Shanghai Microeconomics Workshop, CIREQ Montréal Microeconomic Theory Conference (scheduled), Carnegie Mellon University (scheduled)

2016: The 1st Triangular Microeconomics Conference (UNC at Chapel Hill), Peking University International Microeconomics Conference, Conference on Financial Economics & Accounting (Discussant), University of Rochester (Simon Business School)

2015: Concordia University, Peking University, Zhejiang University Conference on Industrial Economics, European Summer Symposium in Economic Theory (ESSET, Gerzensee), University of Texas at Austin, Workshop on Dynamic Incentive Problems (Bonn)

2014: Canadian Economic Theory Meeting, The 5th Shanghai Microeconomics Workshop, Shanghai University of Finance and Economics, Stanford University SITE conference, Rice University, University of British Columbia

2013: Rice University, Washington University in St. Louis, McMaster University, University of Toronto, Texas A&M University, Canadian Economic Theory Conference (Montreal), Conference on Private Information, Interdependent Preferences and Robustness (Bonn), Cowles Summer Conference on Economic Theory (Yale), Econometric Society China Meeting (Beijing)

2012: University of Western Ontario, International Industrial Organization Conference 2012 (Washington D.C.), Ryerson University, University of Zurich, Chicago Conference on “Matching Problems: Economics meets Mathematics”, Hangzhou Conference on Economic Theory and

Chinese Economy, Tsinghua Macroeconomic Workshop, NYU Stern, University of Montreal, Queen's University

2011: Econometric Society European Meeting (Oslo), Canadian Economic Theory Conference (Vancouver), University of Michigan

2010: Econometric Society World Congress (Shanghai), Zhejiang University, University of Pennsylvania, Ohio State University

2009: AEA Winter Meeting 2009 (discussant), Bonn University, Peking University, Queens' University, University of Toronto, Mechanism Design Conference at Bonn (discussant)

2008: Washington University in St. Louis

2007: North American Summer Meeting of Econometric Society (Duke), IESE/CESifo Conference on Information and Complementarity (Spain), Carnegie Mellon University, Oxford, Texas A&M University, University of British Columbia, University of Colorado at Boulder, University of Iowa, University of Minnesota, University of Pennsylvania, University of Toronto, University of Western Ontario, Yale University

2006: North American Summer Meeting of Econometric Society (Minneapolis), Yale University

2005: Bonn University, Yale University

REFeree FOR

AEJ: Microeconomics, American Economic Review, Canadian Journal of Economics, Econometrica, Economic Bulletin, Economic Inquiry, Economic Journal, Economic Theory, European Economic Review, Games and Economic Behavior, International Economic Review, International Journal of Game Theory, International Journal of Industrial Organization, Journal of Economics & Management Strategy, Journal of Economic Theory, Journal of Industrial Economics, Journal of Institutional and Theoretical Economics, Journal of the European Economic Association, Journal of Financial Services Research, Journal of Mathematical Economics, Journal of Political Economy, Journal of Public Economics, Rand Journal of Economics, Review of Economic Studies, Theoretical Economics, SSHRC, NSF, Hongkong RGC

CONFERENCE ORGANIZATION

- Co-organizer, "Economics Meets the Mathematical Sciences," Fields Institute, Toronto, April 10-12, 2019
- Co-organizer, Conference on Optimization, Transportation and Equilibrium in Economics, Fields Institute, Toronto, September 15-19, 2014.
- Co-organizer, Minischool on Variational Problems in Economics, Fields Institute, Toronto, September 11-12, 2014.
- Co-organizer, Canadian Economic Theory Conference 2012, May 4-6, 2012, Toronto, Canada
- Program Committee, 13th ACM Conference on Electronic Commerce, June 4-8, 2012, Valencia, Spain

UNIVERSITY AND DEPARTMENT SERVICE

Connaught Social Science Review Panel, 2017-
Department Tenure Committee, 2016/2017
UTM Research Council, 2014/2015, 2015/2016, 2016/2017
UTM Dean's Representative 2014/2015
Third-year Review Committee, Economics department, 2013/2014, 2017/2018
Third-year Review Committee, UTM management department, 2013/2014
Academic Affair Committee, UTM, 2010/2011, 2011/2012, 2012/2013
Micro Theory Field Exam Committee, 2009, 2012, 2015, 2016
PhD Micro Comprehensive Exam Committee, 2010, 2011, 2014, 2017
Junior Recruiting Committee, 2009, 2010
Graduate Admission Committee, 2009-2013, 2016-2017
Economic Theory Lunch Workshop Organizer, 2016-2017, 2017-2018