

Xianwen Shi

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CONTACT INFORMATION

St. George Campus: 150 St. George Street, Toronto, ON M5S3G7, Canada
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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

2018- Professor in Economics, University of Toronto
2013-2018 Associate Professor in Economics, University of Toronto
2007-2013 Assistant Professor in Economics, University of Toronto

PUBLISHED AND FORTHCOMING ARTICLES

1. “Monotonic Norms and Orthogonal Issues in Multi-Dimensional Voting,” with Alex Gershkov and Benny Moldovanu, *Journal of Economic Theory* 189, September 2020, 105103.
2. “Voting on Multiple Issues: What to Put on the Ballot?” with Alex Gershkov and Benny Moldovanu, *Theoretical Economics* 14(2), May 2019, 555–596.
3. “Auctions with Limited Commitment,” with Qingmin Liu, Konrad Mierendorff and Weijie Zhong, *American Economic Review* 109(3), March 2019, 876-910.
4. “Discriminatory Information Disclosure,” with Hao Li, *American Economic Review* 107(11), November 2017, 3363-3385.
5. “Optimal Voting Rules,” with Alex Gershkov and Benny Moldovanu, *Review of Economic Studies* 84(2), April 2017, 688-717.
6. “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.
7. “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.
8. “Level-k Reasoning in a Generalized Beauty Contest Game,” with Dmitry Shapiro and Artie Zillante, *Games and Economic Behavior*, 86, July 2014, 308–329.
9. “Information Externality and Intermediaries in Frictional Search Markets,” with Aloysius Siow, *Canadian Journal of Economics* 47(4), November 2014, 1131-1152.
10. “Specialization and Partisanship in Committee Search,” with Benny Moldovanu, *Theoretical*

- Economics*, 8(3), September 2013, 751-774.
11. "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.
 12. "Optimal Auctions with Information Acquisition," *Games and Economic Behavior* 74(2), March 2012, 666-686.
 13. "Carrots or Sticks: Prizes and Punishment in Contests," with Benny Moldovanu and Aner Sela, *Economic Inquiry*, 50(2), April 2012, 453-462.
 14. "Information Acquisition in Interdependent Value Auctions," with Dirk Bergemann and Juuso Valimaki, *Journal of the European Economic Association* 7(1), March 2009, 61-89.
 15. "Market Segmentation: The Role of Opaque Travel Agencies," with Dmitry Shapiro, *Journal of Economics and Management Strategy* 14(4), Winter 2008, 803-837.
 16. "Competing Auctions with Endogenous Quantities," with Benny Moldovanu and Aner Sela, *Journal of Economic Theory* 141(1), July 2008, 1-27.
 17. "Contests for Status," with Benny Moldovanu and Aner Sela, *Journal of Political Economy* 115(2), April 2007, 338-363.
 18. "Liquidity Pools, Risk Sharing, and Financial Contagion," with Lawrence Saez, *Journal of Financial Services Research* 25(1), February 2004, 5-23.

WORKING PAPERS AND WORK IN PROGRESS

1. "Optimal Discriminatory Disclosure," with Yingni Guo and Hao Li, November 2020.
2. "The Art of Compromising: Voting with Interdependent Values and the Flag of the Weimar Republic," with Alex Gershkov, Andreas Kleiner and Benny Moldovanu, revised April 2020, submitted.
3. "The Limits of Price Discrimination in Duopoly," with Jun Zhang, November 2020.
4. "Sequential Innovation and Optimal Patent Design," with Christian Riis, revised August 2012.

FELLOWSHIPS AND HONORS

Dean's Merits Award, University of Toronto, 2010/2011, 2016/2017, 2017/2018
 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, "Information Structures and Market Performance," April 1, 2020-March 31, 2024, \$65,320.
- Insight Grant, "Topics in Mechanism Design: Beyond the Classical Theory," April 1, 2013 – March 31, 2018, extended to March 31, 2020, \$92,150.
- Standard Research Grant, "Bargaining, Experimentation, and Selection by Committee," April 1, 2011 – March 31, 2014, \$28,900.
- 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, \$29,900.

Connaught Fund, University of Toronto

- Start-Up Grant, “Contest Design with Costly Punishment and Entry,” July 1, 2007 – June 30, 2010, \$20,000.

PHD SUPERVISION

Ruizhi Zhu: in progress, thesis supervisor

Huilan Xu: June 2019, thesis supervisor, placement: Zhejiang University

Young Wu: August 2018, committee member, placement: CS PhD at Wisconsin

Shuangjian Zhang: Math PhD, August 2018, committee member, placement: postoc at ENS

Tomy Lee: June 2018, thesis supervisor, placement: Central European University.

Xin Zhao: May 2016, committee member, placement: University of Technology Sydney.

TEACHING EXPERIENCE

Instructor, Microeconomic Theory (U), Fall 2019-Spring 2020

Instructor, Economics of Information (U), Fall 2008-2013, Fall 2016-2019

Instructor, Personnel Economics (U), Spring 2014, Fall 2015-2019

Instructor, Competitive Strategy (U), Fall 2007-2013, Fall 2015-2018

Instructor, Contract Theory (PhD), Fall 2007, 2008, 2011, 2015, 2017

Instructor, Microeconomic Theory (PhD), Spring 2010, 2011, 2014, 2017, 2019

Organizer, Micro Theory Reading Course (PhD), Spring 2008, Fall 2014

CONFERENCE AND SEMINAR PRESENTATIONS

2019: Yale University

2019: AEA Winter Meeting (Atlanta, Discussant), Collegio Carlo Alberto, University of South Wales, University of Technology at Sydney, Conference on Robust Mechanism Design (Stony Brook, NY), Econometric Society Asian Meeting, Queen’s University, Arizona State University, University of Chicago, Penn State University

2018: Chinese University of Hong Kong, The University of Hong Kong, Hong Kong Baptist University, University of Bonn, 2018 Summer Program on “Dynamic Models in Economics” at NUS, University of Calgary

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, Carnegie Mellon University

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, AER: Insights, 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 Finance, 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, Operations Research, Rand Journal of Economics, Review of Economic Studies, Theoretical Economics, SSHRC, NSF, Hongkong RGC

CONFERENCE ORGANIZATION

- Program Committee, the Econometric Society Virtual World Congress at Bocconi University, Aug 17-21, 2020.
- Co-organizer, “Economics Meets the Mathematical Sciences,” Fields Institute, Toronto, April 10-12, 2019.
- Co-organizer, “Economic Theory Conference” at the University of Toronto Mississauga, April 5-6, 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

Department Tenure Promotion Committee, 2016/2017, 2019/2020

Department Full Professor Reading Committee, 2019/2020

Department Third-Year Review Committee, 2013/2014, 2017/2018

Micro Theory Field Exam Committee, 2009, 2012, 2015, 2016, 2019, 2020

PhD Micro Comprehensive Exam Committee, 2010, 2011, 2014, 2017, 2019, 2020

Department Junior Recruiting Committee, 2009/2010, 2010/2011

Department Senior Recruiting Committee, 2019/2020

Graduate Admission Committee, 2009-2013, 2016/2017, 2018/2019, 2019/2020

Economic Theory Seminar Co-organizer, 2018-2019, 2019/2020

Economic Theory Lunch Workshop Organizer, 2016-2020

UTM Management Full Professor Promotion Committee, 2019/2020

UTM Management Third-Year Review Committee, 2013/2014

UTM Research Council, 2014-2020

UTM Dean’s Representative, 2014/2015, 2016/2017, 2018/2019

UTM North Building Senior Research Associate Search Committee, 2018/2019

UTM Academic Affair Committee, 2010-2013

University Connaught Social Science Review Panel, 2017/2018, 2018/2019, 2019/2020 (chair)