

# Xianwen Shi

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## 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*, forthcoming.
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.
- 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  
Soomin 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: Collegio Carlo Alberto (scheduled), University of Bonn (scheduled)

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

2016: The 1<sup>st</sup> 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 5<sup>th</sup> 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, 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 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