

# QINGMIN LIU

(Last updated: December 2016)

## MAILING ADDRESS

International Affairs Building  
420 West 118th Street  
New York, NY 10027

## CONTACT INFORMATION

Ph: 212-854-2512 (office) 650-714-5490 (cell)  
E-mail: qingmin.liu@columbia.edu  
URL: <https://sites.google.com/site/qingmin/>

## ACADEMIC POSITIONS

- Associate Professor (with tenure since Jan. 2015), Columbia University, 2014 –
- Assistant Professor, Department of Economics, Columbia University, 2011 – 2014
- Visiting Research Scholar, Princeton University, 2013 – 2014
- Assistant Professor, Department of Economics, University of Pennsylvania, 2008 – 2011
- Postdoc Associate, Cowles Foundation, Yale University, 2007 – 2008

## EDUCATION

- Stanford University, Graduate School of Business, Ph.D., 2002 – 2007  
Dissertation: Reputation and formulation of incomplete information  
Committee: Yossi Feinberg (co-advisor), Robert B. Wilson (co-advisor), Andrzej Skrzypacz
- Beijing University, B.A., Economics, 1998 – 2002  
Specialty: Insurance and risk management

## RESEARCH INTERESTS

Microeconomic theory, Dynamic games, Innovation, Matching, Epistemic foundations of game theory

## REFEREED PUBLICATION

- “Contests for Experimentation” (with Marina Halac and Navin Kartik),  
*Journal of Political Economy*, forthcoming.
- “Optimal Contracts for Experimentation” (with Marina Halac and Navin Kartik)  
*Review of Economic Studies*, August 2016.
- “The Role of Information in Innovation and Competition” (with Ufuk Akcigit)  
*Journal of the European Economic Association*, July 2016.
- “Transparency and Price Formation” (with Ayca Kaya)  
*Theoretical Economics*, 2015, Vol 10, pp. 341–383.
- “Correlation and Common Priors in Games with Incomplete Information”  
*Journal of Economic Theory*, 2015, Vol. 157, pp. 49–75.
- “Stable Matching with Incomplete Information” (with George J. Mailath, Andrew Postlewaite,  
and Larry Samuelson)  
*Econometrica*, 2014, Vol. 82, pp. 541–587.
- “Limited Records and Reputation Bubbles” (with Andrzej Skrzypacz)  
*Journal of Economic Theory*, 2014, Vol. 151, pp. 2–29.
- “Gambling Reputation: Repeated Bargaining with Outside Options” (with Jihong Lee)  
*Econometrica*, 2013, Vol. 81, pp. 1601–1672.
- “Information Acquisition and Reputation Dynamics”  
*Review of Economic Studies*, 2011, Vol. 78, pp. 1400–1425.
- “Equilibrium of a Sequence of Auctions when Bidders Demand Multiple Items”  
*Economics Letters*, 2011, Vol. 112, pp. 192–194.
- “On Redundant Types and Bayesian Formulation of Incomplete Information”  
*Journal of Economic Theory*, 2009, Vol. 144, pp. 2115–2145.

## WORKING PAPERS

- “Ordinal Efficiency, Fairness, and Incentives in Large Markets ”(with Marek Pycia), under revision for *Review of Economic Studies*.
- “Auctions with Limited Commitment ”(with Konrad Mierendorff, Xianwen Shi, Weijie Zhong),
- “Rational Expectations Equilibrium and Stability for Two-sided Markets ”
- “Transparency versus Tone: Public Communication with Limited Commitment”(with Snehal Banerjee), June 2015.
- “Higher-Order Beliefs and Epistemic Conditions for Nash Equilibrium”(2011)

## SELECTED WORK IN PROGRESS

- “Optimal Mechanism Design with Limited Commitment”(with Konrad Mierendorff and Xianwen Shi).
- “Bargaining with Experimentation”(with Eduardo Faingold and Xianwen Shi).
- “Durable Goods Monopoly with General Marginal Costs (with Andrzej Skrzypacz).
- “Bayesian Stability in Two-Sided Markets.”

## PROFESSIONAL SERVICE

Associate Editor

*Journal of Mathematical Economics*, 2013 – 2016; *Theoretical Economics*, 2015 – 2018.

Excellence in Refereeing Award 2014, American Economic Review

Referee

*American Economic Journal: Microeconomics*, *American Economic Review*, *Econometrica*, *Economic Letters*, *Economic Theory*, *International Economic Review*, *International Game Theory Review*, *International Journal of Game Theory*, *International Journal of Industrial Organization*, *Games and Economic Behavior*, *Journal of Economics and Management Strategy*, *Journal of the European Economic Association*, *Journal of Economic Theory*, *Journal of Mathematical Economics*, *Journal of Political Economy*, *Operations Research*, *Rand Journal of Economics*, *Mathematical Social Sciences*, *Social Choice and Welfare*, *Theory and Decision*, *Theoretical Economics*, *Review of Economic Studies*, National Science Foundation, Hong Kong Research Grants Council

Conference Program Committee

Program Committee of 2017 Asian Meeting of the Econometric Society, Hong Kong

Program Committee of the tenth Conference on Economic Design, 2017, York, UK

Asia Meeting of the Econometric Society, August 11–13, 2016, Kyoto, Japan.

The 5th World Congress of the Game Theory Society, July 24–28, 2016, Maastricht, the Netherlands.

Columbia-Duke-MIT-Northwestern IO-Theory conference, 2015.

The 4th World Congress of the Game Theory Society, July 22–26, 2012, Istanbul, Turkey.

China International Conference on Game Theory and Applications, August 29–30, 2012, Qingdao.

Non-Academic: Science advisor to the Ensemble Studio Theatre/Alfred P. Sloan Foundation main-stage production “Fast Company.”

## INVITED SEMINAR AND CONFERENCE PRESENTATION

- 2016-17: Michigan, Oxford, UCL, Warwick, Tulane
- 2015: Brown, Chicago Booth School of Business, Zhejiang University, Cambridge-INET.
- 2014: NYU, USC, Simon Fraser, University of British Columbia, National University of Singapore, Kyoto University, Dalian (China) IO Theory Conference, Yeshiva, NBER-NSF-CEME Wisconsin-Madison Mathematical Economics Conference, Toronto Fields Institute Mathematics-Economics Conference, Columbia-Duke-MIT-Northwestern IO Theory Conference (MIT/Sloan)
- 2013: Stanford University, University of Pennsylvania, Princeton University, Penn State University, Stony Brook University, Rutgers University, New York University Stern Business School, University of Pittsburgh–Carnegie Mellon joint seminar, Stanford SITE summer conference on dynamic games, contracts, and markets, NBER-NSF-CEME conference on General Equilibrium

and Mathematical Economics at Columbia Business School, Paris 2 workshop on experimentation

- 2012: Northwestern University, University of Michigan, University of Rochester, Washington University in St. Louis, UNC Charlotte, Gerzensee 2012 European Summer Symposium in Economic Theory, Midwest Economic Theory Conference, American Economic Association winter meeting at San Diego, Fifth Annual Conference on Innovation and Entrepreneurship (Northwestern University Kellogg School of Management)
- 2011: Columbia University, University of Pennsylvania, UCSD, Brown University, University of Minnesota: Twin Cities, The NSF/CEME Decentralization Conference
- 2010: Columbia University, Princeton University, UCLA, Ohio State University, University of British Columbia Summer Economic Theory Workshop
- 2009: University of Maryland, Rice University, UCSB, University of Toronto, University of Western Ontario, North American Econometric Society Summer Meeting
- 2008: Yale University, Columbia University, Penn State University, University of Iowa, Shanghai University of Economics and Finance, The Third World Congress of Game Theory
- 2007: Yale University, University of Pennsylvania, Carnegie Mellon University, UCSD, University of Iowa, University of Rochester, Arizona State University, University of Hong Kong, Hong Kong University of Science and Technology
- 2006: The Hebrew University of Jerusalem

## TEACHING EXPERIENCE

- At Columbia University
  - G6211: Microeconomic Analysis I (First-Year Ph.D. Core Class, Fall 2011, Fall 2012, Fall 2014, Fall 2016)
  - W4415: Game Theory (Undergraduate, Fall 2012, Spring 2015, Spring 2016, Fall 2016)
  - W3211: Intermediate Microeconomics (Undergraduate, Spring 2016, Fall 2017)
  - G5212: Microeconomic Analysis II (MA course, Spring 2016)
  - G5218: Advanced Microeconomics (MA course, Summer 2016)
  - G6218 Advanced Microeconomics Analysis I (Phd, Fall 2017)
- At Princeton University
  - Econ 514: Game Theory (Second-Year Ph.D., Fall 2013)
- At University of Pennsylvania
  - Econ 898: Mathematics in Economics (First-Year Ph.D., Fall 2008 – 2010)
  - Econ 713: Game Theory (Second-Year Ph.D., Fall 2009)
  - Econ 703: Microeconomics II (First-Year Ph.D. Core Class, Fall 2010)
  - Econ 101: Intermediate Microeconomics (Undergraduate, Fall 2008, Fall 2010)
- At Yale University
  - Econ 477: Economics of Auctions (Undergraduate, Fall 2007)

## DEPARTMENTAL COMMITTEE

- Ph.D. Undergraduate Review Committee, Co-Chair with Harrsion Hong (2016-7, Columbia)
- Ph.D. Admission Committee, (2015-6, Columbia)
- Junior Faculty Recruiting Committee, Co-Chair with Jon Steinsson (2014-5, Columbia)
- Graduate Placement Committee (2011 – 2013, Columbia)
- Graduate Awards Committee (2012 – 2013, Columbia)
- Undergraduate Executive Committee (2010 – 2011, Penn)
- Graduate Examinations Committee (2008 – 2011, Penn)
- Graduate Admission Committee (2008 – 2009, Penn)

## **PHD STUDENTS SUPERVISED AS DISSERTATION COMMITTEE MEMBER**

- At Columbia Economics Department
  - Keeyoung Rhee (2015, Placement: Korean Development Institute)
  - Youngwoo Koh (2013, Placement: Assistant Professor at Hanyang University, Korea)
  - Takakazu Honryo (2012, Placement: Assistant Professor at University of Mannheim, Germany)
- At Other Columbia Departments
  - Yan Shi (2015, Education and Economics, Teacher's College)
  - Shyam S Chandramouli (2014, Industrial Engineering & Operations Research Department)
  - Fei Guo (2014, Education and Economics, Teacher's College)
- At University of Pennsylvania
  - Xiangting Hu (2012, Placement: Assistant Professor at China People's University)
  - Chong Huang (2012, Placement: Assistant Professor at UC Irvine, Finance)
  - Xi Weng (2011, Placement: Assistant Professor at Beijing University)
  - Antonio Penta (2010, Placement: Assistant Professor at Wisconsin-Madison)

## **PERSONAL**

- Chinese Citizen, US Permanent Resident
- Married with one child