

Curriculum Vitae

Cheng-Zhong Qin

Address: Department of Economics
University of California
Santa Barbara, CA 93106-9210
Phone: (805) 893- 2753
Email: qin@ucsb.edu

Education

Ph.D. **University of Iowa**, Economics, 1989
M.S. **University of Iowa**, Mathematics, 1986
B.S. **Nankai University, China**, Mathematics, 1983

Employment

2002-Present: Professor, Department of Economics, University of California, Santa Barbara
1996-2002: Associate Professor, Department of Economics, University of California, Santa Barbara
1990-1996: Assistant Professor, Department of Economics, University of California, Santa Barbara
1989-1990: Research Associate, Center for Operations Research and Econometrics, Belgium

Visiting Appointments

2009 Visiting Professor, University of Bielefeld, Germany
2005 Visiting Professor, Shanghai University of Finance and Economics
2000 Visiting Fellow, City University of Hong Kong, Hong Kong
1999 Visiting Scholar, Hong Kong University of Science and Technology, Hong Kong
1995 Junior Scholar, Stanford Institute of Theoretical Economics, Stanford University

Research Interests

Microeconomics, Game Theory, Incentive Theory, Financial Economics, Matching Theory, Industrial Economics

Memberships

The American Economic Association, Econometric Society, Game Theory Society

Doctoral Dissertation

“The λ -Transfer Cores of an NTU Game,” University of Iowa (Principal Advisor: Lloyd S. Shapley), 1989.

Professional Activities

Editorial Boards

Economic Theory, Member

Economic Theory Bulletin, Member

Pacific Economic Review, Member

Frontiers of Economics in China, Member,

Publications

“The Inner Core and the Strictly Inhibitive Set,” *Journal of Economic Theory*, Vol. 59 (1993): 96-106.

“A Conjecture of Shapley and Shubik on Competitive Outcomes in the Cores of NTU Market Games,” *International Journal of Game Theory*, Vol. 22 (1993): 335-344.

“The Inner Core of an N-Person Game,” *Games and Economic Behavior*, Vol. 6 (1994): 431-444.

“An Inner Core Equivalence Theorem,” *Economic Theory*, Vol. 4 (1994): 311-317.

“Concavifiability and the Marginal Rate of Substitution” (with Rod Garratt), *Journal of Mathematical Economics*, Vol. 23 (1994): 395-397.

“Cores and Competitive Equilibria with Indivisibilities and Lotteries” (with Rod Garratt), *Journal of Economic Theory*, Vol. 68 (1996): 531-543.

“Endogenous Formation of Cooperation Structures,” *Journal of Economic Theory*, Vol. 69 (1996): 218-226.

“Are Cournot and Bertrand Equilibria Evolutionary Stable Strategies?” (with Charles Stuart), *Journal of Evolutionary Economics*, Vol. 7 (1997): 41-47.

“Bertrand versus Cournot Revisited” (with Charles Stuart), *Economic Theory*, Vol. 10 (1997): 497-507.

“On a Market for Coalitions with Indivisible Agents and Lotteries” (with Rod Garratt), *Journal of Economic Theory*, Vol. 77 (1997): 81-101.

“Economic Natural Selection in Cournot and Bertrand Settings” (with Burkhard Hehenkamp and Charles Stuart), *Journal of Evolutionary Economics*, Vol. 9 (1999): 211-214.

“On Market Games When Agents Cannot Be Two Places at Once” (with Rod Garratt), *Games and Economic Behavior*, Vol. 31 (2000): 165-173.

“Equilibrium Prices When the Sunspot Variable Is Continuous” (with Rod Garratt, Todd Keister, and Karl Shell), *Journal of Economic Theory*, Vol. 107 (2002): 11-38.

“On Cooperation Structures Resulting from Simultaneous Proposals” (with Rod Garratt), *Economic Bulletin*, Vol. 3 (2003): 1-9.

“On Potential Maximization as a Refinement of Nash Equilibrium” (with Rod Garratt), *Economic Bulletin*, Vol. 3 (2003): 1-11.

“The Value of Multilateral Trade Liberalization and The Need for Third-Party Sanction” (with Kong-Pin Chen and Larry D Qiu), in: Seiichi Katayama and Heinrich Ursprung (eds.), *Political Economy in a Global World*, Springer (2004).

“Potential Maximization and Coalition Government Formation” (with Rod Garratt, James Parco, and Amnon Rapoport), *International Game Theory Review*, Vol 7 (2005): 407-429.

“The Walras Core of an Economy and Its Limit Theorem” (with Lloyd Shapley and Ken-Ichi Shimomura), *Journal of Mathematical Economics* Vol. 42 (2006): 182-197.

“Endogenous Transfers in the Prisoner's Dilemma Game: An Experimental Test of Cooperation and Coordination” (with Gary Charness, Guillaume Frechette), *Games and Economic Behavior* Vol. 60 (2007): 287-306.

“Inducing Cooperation by Self-Stipulated Penalties,” *Annals of Economics and Finance* Vol. 9 (2008): 385-395.

“Make a Guess: A Robust Mechanism for King Solomon's Dilemma” (with Chun-Lei Yang), *Economic Theory* Vol. 39 (2009): 259-268.

“Trembling Centipede” (with Xiaojuan Hu and Perry Shapiro), *Review of Industrial Economics* Vol. 10 (2011): 29-39.

“Selecting a Unique Competitive Equilibrium with Default Penalties” (with Martin Shubik), *Journal of Economics* Vol. 106 (2012): 119-132.

“Signaling Product Quality by Price” (with Shane Parendo), *Frontier of Economics in China* Vol. 7 (2012): 363-372.

“Finite-Order Type Spaces and Applications” (with Chun-Lei Yang), *Journal of Economic Theory* Vol. 148 (2013): 689-719.

“Information Acquisition and Welfare in a Financial Market with Rational Expectations” (with Xiaojuan Hu), *Economic Theory* Vol. 54 (2013), 199-210.

“Shapley, Lloyd S.” (with Manuel Baucells and Raul Lejano), *The New Palgrave Dictionary of Economics*, 2013, edited by Steven N. Durlauf and Lawrence E. Blume.

“Introduction: Contests, Managerial Incentives, Stock Price Manipulation, and Advance Selling Strategies,” *Pacific Economic Review* Vol. 18 (2013): 162-163.

“Trade through Endogenous Intermediaries” (with Tee Kilenthong), *Journal of Mathematical Economics* Vol. 50 (2014), 262-268.

“Nash Bargaining for Log-Convex Problems” (with Shuzhong Shi and Guofu Tan), *Economic Theory* Vol. 58 (2015): 413-440.

“A Note on Uncertainty and Perception Concerning Measurable Utility” (with M. Shubik), *Economic Letters* Vol. 130 (2015): 83-84.

“A Model of Endogenous Cross-Holdings in Oligopoly” (with Shengping Zhang and Dandan Zhu), *Frontiers of Economics in China* Vol. 12 (2017): 465-479.

“Shapley's Conjecture on the Cores of Abstract Market Games” (with Zhigang Cao and Xiaoguang Yang), *Games and Economic Behavior* Vol. 108 (2018): 466-477.

“A Signaling Theory of Limited Supply” (with Taradas Bandyopadhyay and Baomin Dong), *Journal of Institutional and Theoretical Economics* Vol. 174 (2018): 476-494.

“Embedding Games with Strategic Complements into Games with Strategic Substitutes” (with Z. Cao, X. Chen, C. Wang, Y. Yang), *Journal of Mathematical Economics* Vol. 78 (2018): 45-51.

“Fashion and Homophily” (with Zhigang Cao, Xiaoguang Yang, and Boyu Zhang), *Operations Research* Vol. 66 (2018): 1486-1497.

“Implementation of Nash bargaining solutions with non-convexity” (with Guofu Tan and Adam Chi Leung Wong), *Economics Letters* Vol. 178 (2019) 46-49.

“Dynamic Matching Pennies on Networks” (with Zhigang Cao, Xiaoguang Yang, and Boyu Zhang), *International Journal of game Theory* Vol. 48 (2019) 887-920.

Papers Under Review

“Cross-Holdings and Cartelizing Effects,” with Shengping Zhang.

“Endogenous Altruism in Prisoner's Dilemma,” with Fang Liu.

“Do Cross-Holdings Hinder Collusion?”.

“On Unification of Solutions to the Bargaining Problem,” with Claus-Jochen Haake.

“Incentive and Welfare implications of cross-holdings in oligopoly,” with Hongkun Ma and Chenhang Zeng.

Work in Progress

“Bayesian Potential Games”.

“On Multi-Bilateral Bargaining Equilibrium of Social and Economic Networks”.

“Tipping Players in Two-sided Matching Problems,” with Zhigang Cao.

“Default, Efficiency and Uniqueness,” with Thomas Quint and Martin Shubik.

“Bribery in Rank-Order Tournaments,” with SonKu Kim.

“Rational Altruism.”
