

GUOQIANG TIAN

PERSONAL DATA

Date of Birth: April 7, 1956

Citizenship: USA

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EDUCATION

Ph.D., Economics, University of Minnesota, 1987

M.A., Mathematics, Huazhong University of Science and Technology, 1982

Graduation Certificate in Mathematics, Huazhong University of Science and Technology, 1980

DISSERTATION

Title: Nash-Implementation of Social Choice Correspondences by Complete Feasible Continuous Outcome Functions.

Principal Advisor: Leonid Hurwicz.

Committee Members: John S. Chipman, James Jordan, Marcert Richter, and Hans Weinberger.

ACADEMIC POSITIONS

Professor, Texas A&M University, Department of Economics, 1995 - present.

Adjunct Professor, Hong Kong University of Science and Technology, Department of Economics, 2005 - Present.

Chanjiang Professor of Economics, the School of Economics, Shanghai University of Finance and Economics—the highest rank of professorship available to a social scientist in China, 2005 - present.

Honorary Dean, School of Economics, Shanghai University of Finance and Economics, 2004 - present.

Special-Term Professor, Tsinghua University, School of Economics and Management, China, 2002-2004.

Research Fellow, Private Enterprise Research Center, Texas A&M University, 1995-Present.

Holder of the Lewis Faculty Fellowship in College of Liberal Arts, Texas A&M University, 1996-2002.
Advisor, International Technology and Economy Institute, Development Research Center of the State Council, PRC, 2000 - Present.
Executive Director, Economics Research Center, Huazhong University of Science and Technology, China, 1999 - 2004.
Adjunct Professor, Huazhong University of Science and Technology, College of Economics, 1993 - Present.
Adjunct Professor, Peking University, Department of Applied Economics, 1999 - Present.
Adjunct Professor, Wuhan Institute of Economics, 1993 - Present.
Adjunct Professor, Henan University of Agriculture, 1997 - Present.
Adjunct Professor, Shashi University, 1999 - Present.
Associate Professor, Texas A&M University, Department of Economics, 1991 - 1995.
Guest Professor, Konstanz University, Department of Economics, Germany, 1991.
Assistant Professor, Texas A&M University, Department of Economics, September 1987 - 1991.
Teaching Associate, University of Minnesota, Department of Economics, 1986.
Research Assistant, University of Minnesota, 1983 - 1985.
Teaching Assistant, University of Minnesota, Department of Economics, 1983 - 1985.
Lecturer, Huazhong University of Science and Technology, Department of Mathematics, 1982.
Lecturer, Huazhong University of Science and Technology, Department of Mathematics, Spring 1980.

MAJOR FIELDS OF CONCENTRATION:

Economic Theory
Mechanism Design
Mathematical Economics
Chinese Economy
Economics of Transition
Optimization Theory

HONORS, PRIZES, AND AWARDS

Chanjiang Professorship of Economics at School of Economics, Shanghai University of Finance – the highest rank of professorship available to a social scientist in China and awarded by the Ministry of Education of P. R. China, 2005 - present.
Listed in *Who's Who in Economics*, a biographical dictionary of over 700 most frequently cited economists throughout the world, 4th edition, edited by Mark Blaug and Howard R. Vane, Edward Elgar Publishing, 2003.
2002 Best Paper Award: "A Theory of Ownership Arrangements and Smooth Transition To A Free Market Economy," *China Economic Quarterly*, 1 (2001), 45-70 (in Chinese).
Research Fellowship, Private Enterprise Research Center, Texas A&M University, 1995-present.

Zhu Kezhen International Lectureship Award, in recognition of my academic excellence and contribution to Zhejiang University, China, 2001.

The Lewis Faculty Fellowship Award in College of Liberal Arts, Texas A&M University, 1996-2002.

Tamkang University Lectureship Award, Tamkang University, Taiwan, 1996.

Listed in *Who's Who in the South and Southwest*, 24th edition, 1995.

1994 National Chinese Book Award, *A Series of Popular Economics Books for Institutional Transition in China*.

Elected Honorary member of Chinese Economists Society, 1993-present.

Elected Fellow of Chinese Economists Society, 1992 - present.

Nominee of Presidential Young Investigator Awards in 1989, 1990.

Alfred P. Sloan Doctoral Dissertation Fellowship, 1986 - 1987.

RANKS IN WORLDWIDE ECONOMISTS(<http://homepages.ulb.ac.be/~tcoupe>)

Rank: 282, Overall Ranking (the average rank on 11 publication ranking methods) of Top 1,000 Economists 1990-2000.

Rank: 504, Top 1000 Economists Based on Citations.

Rank: 115, Ranking of Top 500 Economists 1990-2000 using Bauwens' Method.

Rank: 185, Ranking of Top 500 Economists 1990-2000 by Number of Articles.

Rank: 217, Ranking of Top 500 Economists 1990-2000 Using Laband-Piette Adjusted Article Count.

Rank: 220, Ranking of Top 500 Economists 1990-2000 by Number of Pages.

Rank: 430, Ranking of Top 500 Economists 1990-2000 Using Laband-Piette Article Count.

Rank: 460, Ranking of Top 500 Economists 1990-2000 by Impact Factor.

Rank: 247, Overall Ranking of Top 500 Economists 1989-1993.

Rank: 421, Overall Ranking of Top 1,000 Economists 1994-1998.

Rank: 363, Ranking of Top 500 Economists 1994-1998 using Laband-Piette Adjusted Number of Articles.

Rank: 436, Ranking of Top 500 Economists 1994-1998 Using Bauwens' Method.

Rank: 457 Ranking of Top 500 Economists 1994-1998 Using Laband-Piette Adjusted Number of Pages.

PROFESSIONAL ACTIVITIES

Co-Editor:

China Economic Review, 2005-present.

Annals of Economics and Finance, 2000-present.

Associate Editor:

China Economic Quarterly, 2000-present.

Modern China Studies, 1993-present.
American Review of China Studies, 2000-present.
China Economic Review, 1991-2004.

Chief Editor in Charge:

A Series of Popular Economics Books for Institutional Transition in China, 1993.

Referee for:

American Economic Review,
Annals of Economics and Finance.
Applied Mathematics Letters,
Australian Research Council,
Canadian Journal of Economics,
China Economic Review,
China Economic Quarterly,
Computers & Mathematics,
Econometrica,
Economic Inquiry,
Economic Theory,
Games and Economic Behavior
International Economic Review,
International Journal of Game Theory,
International Review of Economics & Finance,
Journal of Comparative Economics,
Journal of Economic Environment and Management,
Journal of Economic Theory,
Journal of Mathematical Analysis and Applications,
Journal of Mathematical Economics,
Journal of Public Economic Theory,
Journal of Public Economics,
National Science Foundation,
Mathematical Social Science,
Nonlinear Analysis,
Nonlinear World,
Proceedings of American Mathematics Society,
Social Sciences and Humanities Research Council of Canada,
Social Choice and Welfare,
Review of Economic Design,
Review of Economic Studies.

President of Chinese Professors of Social Sciences in United States, 1995 - 1997.

The Chairman of the Fellow Council of Chinese Economists Society, 1992 - 1995.

President, Chinese Economists Society (an association member of ASSA), June 1991 - June 1992.

Member: American Economic Association, Association of Chinese Professors of Social Sciences in the United States, Association for Public Economic Theory, Chinese Economists Society,

Econometric Society, International Society for New Institutional Economics, Society for the Promotion of Economic Theory, and the Royal Economic Society.

Invited Participant, NBER-NSF Conferences on:

Decentralization, Northwestern University, Spring, 2001.

Decentralization, University of Minnesota, Spring, 1998.

Decentralization, University of Alabama, Spring, 1996.

Decentralization, University of Toronto, Spring, 1994.

Decentralization, University of Arizona, Spring, 1992.

Decentralization, Northwestern University, Spring, 1990.

Decentralization, California Institute of Technology, Spring, 1989.

Decentralization, University of Rochester, Spring, 1988.

Invited Participant, International Symposium on Establishing a Market-Oriented Social Security System in China, Beijing, China, June, 1998.

Invited Participant, International Conference on Industrial Organization, Tamkang University, Taiwan, November, 1996.

Invited Participant, International Symposium on US-China Relations: Interdisciplinary Perspectives, University of Maryland, October, 1996.

Invited Participant, International Symposium on Reform of State Owned Enterprises in China, Shanghai, China, August, 1995.

Invited Participant, International Symposium on Property Rights of Township and Village Enterprises in China, Hangzhou, China, July, 1994.

Invited Participant, International Symposium on the East Asia Economic Development, University of Minnesota, August, 1993.

Invited Participant, International Symposium on the Theoretical and Practical Issues of the Transition toward the Market Economy in China, Haikou, China, July, 1993.

Invited Participant, International Symposium on Global Interdependence and Asia-Pacific Cooperation, Hong Kong, June, 1992.

Invited Participant, Conferences on Modernization in China, University of Chicago, April, 1990.

RESEARCH GRANTS

Lika Shing Foundation, Chanjiang Professorship Grant, \$55,000, 2005-2007.

Private Enterprise Research Center Grand, Texas A&M University, \$5,000 for each year, 1995-present.

The Lewis Faculty Fellowship in College of Liberal Arts, Texas A&M University, about \$4,000 for each year, 1996-1999, 2000-2002.

Texas Advanced Research Program, "A General Equilibrium Model for Economies Both Private and Public Ownerships," \$43,200, 1999.

Bush Program in the Economics of Public Policy, "On Uniqueness of Informational Efficiency of the Walrasian Process for Economies with Production," \$7,500, 1999.

- Program to Enhance Scholarly and Creative Activities, "A General Equilibrium Theory for Production Economies with Both Private and Public Ownerships," \$7,500, 1998.
- Bush Program in the Economics of Public Policy, "Incentive Mechanism Design for Economies Both Private and Public Ownerships," \$7,500, 1998.
- The Faculty Research Enhancement Program, the College of Liberal Arts, "The Theory of Property Rights in Transitional Economies," \$5,000, 1996.
- Enhance Scholarly and Creative Activities, "Incremental Reform, Institutional Transition and Privatization in China," \$7,500, 1994.
- Interdisciplinary Research Initiative Program, "A Non-Neoclassical General Equilibrium Mathematical Model of Market and Nonmarket Decision-Making, Implementation, and Institutional Transition," \$25,000, 1993.
- International Research Travel Assistant Grant, "Institutional Transition in China," \$1,200, 1993.
- Center for International Private Enterprise Grant, "Education Program in Modern Economics in China," \$78,000, 1992.

ARTICLES PUBLISHED OR FORTHCOMING

A. On Mechanism Design: Implementation and Informational Efficiency

1. "Implementation in Economies with Non-Convex Production Technologies Unknown to the Designer" *Games and Economic Behavior*, forthcoming.
2. "Implementation of Pareto Efficient Allocations," *Journal of Mathematical Economics*, forthcoming.
3. "The Unique Informational Efficiency of the Competitive Mechanism In Economies with Production," *Social Choice and Welfare*, 26 (2006), 155-182.
4. "Implementation in Production Economies with Increasing Returns," *Mathematical Social Sciences*, 49 (2005), 309-325.
5. "A Unique Informationally Efficient Allocation Mechanism in Economies with Consumption Externalities," *International Economic Review*, 45 (2004), 79-111.
6. "Economic Mechanism Theory: Informational Efficiency and Incentive Mechanism Design," *China Economic Quarterly*, 2 (2003), 271-308.
7. "A Solution to the Problem of Consumption Externalities," *Journal of Mathematical Economics*, 39 (2003), 831-847, a leading article.
8. "Economic Mechanism Theory: Informational Efficiency and Incentive Mechanism Design," *China Economic Quarterly*, 2 (2003), 271-308.

9. "Informational Efficiency and Incentive Mechanism Design," *Advances in Economics and Finance*, Ed. by G. Tian, the Commercial Press, Beijing, China, 2002.
10. "Incentive Mechanism Design for Production Economies with Both Private and Public Ownership," *Games and Economic Behavior*, 33 (2000), 294-320.
11. "Implementation of Balanced Linear Cost Share Equilibrium Solution in Nash and Strong Nash Equilibria," *Journal of Public Economics*, 76 (2000), 239-261.
12. "Double Implementation of Lindahl Allocations by a Continuous and Feasible Mechanism," *Social Choice and Welfare*, 17 (2000), 125-141.
13. "Double Implementation of Linear Cost Share Equilibrium Allocations," *Mathematical Social Sciences*, 40 (2000), 175-189.
14. "Feasible and Continuous Double Implementation of Constrained Walrasian Allocations," *Annals of Economics and Finance*, 1 (2000), 19-32.
15. "A Characterization of Optimal Dominant Strategy Mechanisms," (with Liqun Liu) *Review of Economic Design*, 4 (1999), 205-218.
16. "Double Implementation in Economies with Production Technologies Unknown to the Designer," *Economic Theory*, 13 (1999), 689-707.
17. "Bayesian Implementation in Exchange Economies with State Dependent Preferences and Feasible Sets," *Social Choice and Welfare*, 16 (1999), 99-119.
18. "Virtual Implementation in Incomplete Information Environments with General Sets of Alternatives and Types," *Journal of Mathematical Economics*, 28 (1997), 313-339.
19. "Continuous and Feasible Implementation of Rational Expectation Lindahl Allocations," *Games and Economic Behavior*, 16 (1996), 135-151.
20. "On the Existence of Optimal Truth-Dominant Mechanisms," *Economics Letters*, 53 (1996), 17-24.
21. "Property Ownership Theory for a Transitional Economy and Smooth Switch of Economic System," *Modern China Studies*, 54 (1996), 64-87. (in Chinese).
22. "Nash Implementation of the Lindahl Correspondence with Decreasing Returns to Scale Technology," (with Qi Li and S. Nakamura), *International Economic Review*, 36 (1995), 37-52.
23. "On Nash-Implementation in the Presence of Withholding," (with Qi Li), *Games and Economic Behavior*, 9 (1995), 222-233.
24. "Ratio-Lindahl Equilibria and an Informationally Efficient and Implementable Mixed-Ownership System," (with Qi Li), *Journal of Economic Behavior and Organization*, 26 (1995), 391-411.
25. "Economic Mechanism Design and Information Economics in *Modern Economics and China's Economic Reform*, ed. by G. Yi, Shanghai People Press, 1995, 313-358.

26. "Implementation of Linear Cost Share Equilibrium Allocations," *Journal of Economic Theory*, 64 (1994), 568-584.
27. "An Implementable and Informationally Efficient State- Ownership System with Variable Returns," (with Qi Li), *Journal of Economic Theory*, 64 (1994), 286-297.
28. "On Informational Efficiency and Incentive Aspects of Generalized Ratio Equilibria," *Journal of Mathematical Economics*, 23 (1994), 323-337.
29. "Implementing Lindahl Allocations by a Withholding Mechanism," *Journal of Mathematical Economics*, 22 (1993), 169-179.
30. "Implementation of the Walrasian Correspondence without Continuous, Convex, and Ordered Preferences," *Social Choice and Welfare*, 9 (1992), pp. 117-130.
31. "Implementation of Lindahl Allocations with Nontotal- Nontransitive Preferences," *Journal of Public Economics*, 46 (1991), pp. 247-259.
32. "Completely Feasible and Continuous Implementation of the Lindahl Correspondence with Any Number of Goods," (With Qi Li), *Mathematical Social Sciences*, 21 (1991), pp. 67-79.
33. "Completely Feasible and Continuous Implementation of the Lindahl Correspondence with a Message Space of Minimal Dimension," *Journal of Economic Theory*, 51 (1990), pp. 443-452.
34. "Implementation of the Lindahl Correspondence by a Single- Valued, Feasible and Continuous Mechanism," *Review of Economic Studies*, 56 (1989), pp. 613-621.
35. "Incentive, Information, and the Theory of Economic Mechanism Design," *The Frontiers of Modern Economics*, Vol. I, eds by M. Tang and Y. Mao, The Commercial Press, Beijing, 1989, 31-60 (in Chinese).
36. "On the Constrained Walrasian and Lindahl Correspondences," *Economics Letters*, 26 (1988), pp. 299-303.

B. On General Equilibrium, Game Theory, Optimization, Fixed Point Theorem, and Monetary Policy

37. "Time Inconsistency and Reputation in Monetary Policy: A Strategic Model in Continuous Time," with Jingyuan Li and Yongming Liu, revised and resubmitted to *Acta Mathematica Scientia* 28B(3) (2008), 697C710.
38. "Theory of Negative Consumption Externalities with Applications to Economics of Happiness," *Economic Theory*, forthcoming.

39. "A Solution to the Happiness-Income Puzzle: Theory and Evidence," with Liyan Yang, *Economic Research Journal*, 11 (2006), 4-15. (the best Chinese economics journal) , a leading article.
40. "Transfer Continuities, Generalizations of the Weierstrass Theorem and Maximum Theorem—A Full Characterization," (with J. Zhou), *Journal of Mathematical Economics*, 24 (1995), 281-303.
41. "Ratio-Lindahl and Ratio Equilibria with Many Goods," (with Qi Li), *Games and Economic Behavior*, 7 (1994), 441-460.
42. "Generalized KKM Theorem and Minimax Inequalities and Their Applications," *Journal of Optimization Theory and Applications*, 83 (1994), 375-389.
43. "Necessary and Sufficient Conditions for Maximization of a Class of Preference Relations," *Review of Economic Studies*, 60 (1993), 949-958.
44. "Characterizations of the Existence of Equilibria in Games with Discontinuous and Nonquasi-concave Payoffs," (with Michael R. Baye and Jianxin Zhou), *Review of Economic Studies*, 60 (1993), 935-948.
45. "Generalized Quasi-Variational-Like Inequality Problem," *Mathematics of Operations Research*, 18 (1993), 752-764.
46. "Minimax Inequality Equivalent to the Fan-Knaster-Kuratowski-Mazurkiewicz Theorem," (with J. Lin), *Applied Mathematics and Optimization*, 28 (1993), 173-179.
47. "Closed-Form Solution of General Intertemporal Consumption Maximization Models," (with John S. Chipman), *Mathematical Modeling in Economics*, eds. by W. Erwin Diewert, Klaus Spremann, and Frank Stehling, Springer, 1993, 95-109.
48. "Generalizations of the FKKM Theorem and Ky-Fan Minimax Inequality, with Applications to Maximal Elements, Price Equilibrium, and Complementarity," *Journal of Mathematical Analysis and Applications*, 170 (1992), pp. 457-471.
49. "Quasi-Variational Inequalities without Concavity Assumptions," (with J. Zhou), *Journal of Mathematical Analysis and Applications*, 172 (1993), 289-299.
50. "A General-Equilibrium Intertemporal Model of an Open Economy," (with John S. Chipman), *Economic Theory*, 2 (1992), pp. 215-246.
51. "Existence of Equilibrium in Abstract Economies with Discontinuous Payoffs and Non-Compact Choice Spaces," *Journal of Mathematical Economics*, 21 (1992), pp. 379-388.
52. "Transfer Method for Characterizing the Existence of Maximal Elements of Binary Relations on Compact or Noncompact Sets," (with Jianxin Zhou), *SIAM Journal on Optimization*, 2 (1992), pp. 360-375.
53. "On the Existence of Equilibria in Generalized Games," *International Journal of Game Theory*, 20 (1992), pp.247-254.

54. "The Maximum Theorem and the Existence of Nash Equilibrium of (Generalized) Games without Lower Semicontinuity," (with J. Zhou), *Journal of Mathematical Analysis and Applications*, 166 (1992), pp. 351-364.
55. "Fixed Points Theorems for Mappings with Non-Compact and Non-Convex Domains," *Journal of Mathematical Analysis and Applications*, 158 (1991), pp. 161-167.
56. "Quasi-Variational Inequalities with Non-Compact Sets," (with J. Zhou), *Journal of Mathematical Analysis and Applications*, 160 (1991), pp. 583-595.
57. "Equilibrium in Abstract Economies with a Non-Compact Infinite Dimensional Strategy Space, an Infinite Number of Agents and without Order Preferences," *Economics Letters*, 33 (1990), pp. 203-206.
58. "Matrixes Satisfying Siljak's Conjecture," *Science Exploration*, Vol. 2, No. 1 (1982), pp. 69-76.

C. On Economics of Transition and Chinese Economy

59. "The Construction of Harmonious Society and the Establishment of A Modern Market Economic System: Efficiency, Equity, and Institutions," *Economic Research Journal*, 3 (2007), 130-141. (the best Chinese economics journal)
60. "The Basic Analytical Framework and Methodologies in Modern Economics," *Economic Research Journal*, 2 (2005), 113-125.
61. "Resolving Non-Perform Assets, Joint-Stock Reconstruction and the Strategy of Introducing Foreign Capital," (with Yijiang Wang) *Economic Research Journal*, 11 (2004).
62. "Foreign Banks and Joint-Stock Reforms in China's State-Owned Commercial Banks," (with Yijiang Wang) *Economics Dynamics*, 11 (2004), 45-48.
63. "Chinese Bank Sector: Dilemma of Reforms and Role of Foreign Banks," (with Yijiang Wang) *Comparative Studies*, 10 (2003), 157-176.
64. "Economic Globalization, Marketization Reform and Economic Development in China, (with Y. Yuan and X. Zhou), *American Review of China Studies*, 3 (2002), 1-16.
65. "A Theory of Ownership Arrangements and Smooth Transition To A Free Market Economy," *Journal of Institutional and Theoretical Economics*, 157 (2001), 380-412.
66. "Globalization and Marketization Reform in China," (with Xiaojuan Zhou), *WTO and China: Development through Economic Globalization*, Eds. by J. Wen, H. Hai, X. Wang, and X. Zuo, Renmin University Press, 67-81, 2001.
67. "Property Rights and the Nature of Chinese Collective Enterprises," *Journal of Comparative Economics*, 28 (2000), 247-268.

68. "China's Reforms: Past, Present, and Future," *American Review of China Studies*, 1 (2000), 1-8.
69. "Dilemmas, Causalities, and Solution to China's Economic Depression" in the Proceedings of Symposium on the 21st Century China and the Challenge of Sustainable Development, China's Youth Press, 2000, pp. 139-149.
70. "Why Did Not China's Macroeconomic Policies Reach their Expected Objectives?," *Guo Ji Jing Ji Ping Ren (International Economic Review)*, 24 (1999), (in Chinese).
71. "Reforms of State-Owned Enterprise: What Kind of Privatization?," *Dilemmas of Reform in Jiang Zemin's China*, ed by A. Nathan, Z. Hong, and S. Smith, Renner Publishers, 1999, 114-134.
72. "Comparative Studies of Pension Systems and China's Options," *Social Security Reform in China*, ed. By D. Xu, Z. Yin, and Y. Zheng, Economic Science Press, 1999, pp. 103-117.
73. "Stock-Sharing Reforms of State-Owned Enterprises and Smooth Institutional Transition in China," *The Trend of China's Political and Economic Reforms at the Turn of the Century*, ed by X. Cheng, Modern China Publishers, Princeton, 1999, 272-285.
74. "On the Main Patterns of Pension Systems in the World," *Economic Research Journal*, Supplement 8 (1998), 25-27. (in Chinese).
75. "On State-Owned Enterprises Reform in China," *Modern China Studies*, 61 (1998), 73-86 (in Chinese).
76. "Ownership Theory of Intra-Property Rights and Smooth Transformation of Economics System in China," *Economic Research Journal*, 343 (1996), 11-20. (in Chinese).
77. "State-Owned Enterprise Reform and Smooth Institutional Transition in China – A Three-Stage Economic Reform Method," *The Reformability of China's State Sector*, ed by G. J. Wen and D. Xu, World Scientific, 1996, 220-240.
78. "China's Economic Reform and Smooth Institutional Transition," *In Search of A Chinese Road Towards Modernization*, ed by J. Hu, Z. Hong, and E. Stavrou, The Edwin Mellen Press (Lewiston/Queenston/Lampeter), 1996, 22-46.
79. "On the Pattern and Steps of China's SOE Reform and Smooth Transition of Economic System," *Reform of State Owned Enterprises in China*, ed by D. Xu and G. J. Wen, China Economic Publishing House, 1996, 123-151 (in Chinese).
80. "Property Ownership Theory for a Transitional Economy and Smooth Switch of Economic System," *Modern China Studies*, 54 (1996), 64-87. (in Chinese).
81. "Property Rights Structure and Reform on China's Rural and Township Enterprises," *Economic Research Journal*, 323 (1995), 35-39. (in Chinese).
82. "On Central-Local Relationship and Decentralized Decision-Making in China's Economic Transition," *Modern China Studies*, 46 (1995), 60-83 (in Chinese).

83. "The Property Right Structure of Chinese Township-Village Enterprises and Its Reform, revision," in *Chinese Township-Village Enterprises: Experience, Nature, and Reforms*, eds. by Y. Wang and W. Hai, China Industry and Commerce Associated Press, 1995 (in Chinese).
84. "Comparison of Privatization in Russia and China's Economic Reform," in *Russian Economy in Transition*, ed. by Wen Hai, China Industry and Commerce Associated Press, 1995 (in Chinese).
85. "The State-Owned Enterprise Reform of China and the Mode — Steps for Transforming Economic System Smoothly," *Economic Research Journal*, 319 (1994), 3-9. (in Chinese).
86. "The Perspectives and Problems of China's Economic Reform," *Modern China Studies*, 40 (1994), 09-23 (in Chinese).
87. "Privatization of Government-Run Enterprises in Taiwan and the Ownership Reform in Mainland," in *Taiwan Experiences and the Economic Reform in China*, ed. by G. Yi, 1994, 67-83 (in Chinese).
88. "China's State-Owned Enterprises Reform and the Pattern and Steps of Smooth Transition of Economic System — A Three-Stage Economic Reform," *Economic Research Journal*, 323 (November, 1994), 3-9. (in Chinese).

D. On Econometrics

89. "Estimating Price Responses of German Imports and Exports," (with John S. Chipman, Angelika Eymann, and Gerd Ronning), in *European Integration in the World Economy*, ed. by Hans-Jurgen Vosgerau, Springer-Verlag, 1992, pp. 574-637.
90. "Stochastic Specification and Maximum Likelihood Estimation of the Linear Expenditure System," (with John S. Chipman), in *Advances in Econometrics and Modeling*, ed. by Baldev Raj, Advanced Studies in Theoretical and Applied Econometrics Vol. 15 (1989), pp. 131-142.
91. "A Class of Dynamic Demand Systems," (with John S. Chipman), in *Advances in Econometrics and Modeling*, ed. by Baldev Raj, Advanced Studies in Theoretical and Applied Econometrics Vol. 15 (1989), pp. 93-116.
92. "Studies on the Identification Problem of the Simultaneous Economic Models From View Point of Unique Determination of Parameters (III)," *Science Exploration*, Vol. 4, No. 2 (1984).
93. "Studies on the Identification Problem of the Simultaneous Economic Models From Viewpoint of Unique Determination of Parameters (II)," *Science Exploration*, Vol. 4, No. 1 (1984), pp. 89-98.
94. "Studies on the Identification Problem of the Simultaneous Economic Models From Viewpoint of Unique Determination of Parameters (I)," *Science Exploration*, Vol. 3, No. 3 (1983), pp. 13-24.

95. "The Identification of the Simultaneous Economic Models From Unique Determination of Parameters," *Journal of Huazhong University of Science and Technology*, Vol. 3, No. 3 (1983).
96. "Look at Relation of Identification and Multicollinearity From Viewpoint of Unique Determination of Parameters," *Quantitative & Technical Economics*, Chinese Academy Social Science, No. 4 (1983), pp. 50-54. (in Chinese).
97. "The Identification of the Simultaneous Economic Models From Viewpoint of Unique Determination of Parameters," *Journal of Huazhong University of Science and Technology*, Vol. 10, No. 2 (1982), pp.7-12. (in Chinese).

VOLUME EDITED

1. "Advances in Economics and Finances," (contributors include: James Heckman, Daniel McFadden, Jean-Jacques Laffont, Shoyong Shi, Guofu Tan, Chun Ai, Xiaokai Yang, ect), Ed. by G. Tian, the Commercial Press, Beijing, China, 2002.

BOOKS

1. "Incentive-Compatibility, Informational Efficiency, and Economic Mechanism Design," in *Advanced Studies in Economics and Finance*, ed. by Heng-fu Zou, Peking University Press, 2000.
2. "Characterizations of Fixed Point Theorems, Optimization, and General Equilibria," in *Advanced Studies in Economics and Finance*, ed. by Heng-fu Zou, Peking University Press, 2000.
3. "Market Economics for the Masses," (with Fan Zhang), in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 1, Ed. by G. Tian, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).

BOOKS EDITED

1. "Market Economics for the Masses," (with Fan Zhang), in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 1, Ed. by G. Tian, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
2. "Introduction to Macroeconomics," by M. Ouyang, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 2, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
3. "Structure and Evolution of Modern Industrial Enterprises," by Z. Shi, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 3, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).

4. "Modern Family Economics," by J. Xiao, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 4, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
5. "Introduction to Money and Banking," by G. Yi and D. Bei, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 5, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
6. "Introduction of Financial Security and Future Markets," by H. Yang and Y. Wang, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 6, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
7. "International Trade: Theory, Policy, and Empirical Issues," by W. Hai, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 7, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
8. "International Technological Transfer and Price Negotiation," by Z. Yin, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 8, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
9. "The Modern Theory of Foreign Currency and its Applications," by K. Bi, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 9, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
10. "Foreign Direct Investment," by Q. Yang and X. Duan, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 10, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
11. "Visible Hands: The Role of Government in Market Economy," by D. Lu, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 11, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
12. "Introduction to Economics of Public Choice," by X. Wang and N. Qian, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 12, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
13. "Elementary Economic Statistics and Econometrics," S. K. Lin and C. Li, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 13, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).
14. "Economics in Daily Life — Observations of the American society," by Y. Mao, in *A Series of Popular Economics Books for Institutional Transition in China* Vol. 14, Shanghai People's Publishing House and Hong Kong's Intelligent Book Ltd, 1993 (in Chinese).

ARTICLES: UNDER REVIEW

1. "Time Inconsistency and Reputation Strategic Model of Monetary Policy in Continuous Time," with Jingyuan Li and Yongming Liu, revised and resubmitted to *Journal of Macroeconomics*.
2. "Endogenous Information Acquisition on Opponents' Valuations in Multidimensional Sealed-Bid Auctions", submitted to *Games and Economic Behavior*.
3. "Second Price Auctions with Differentiated Participation Costs, a new version," submitted to *Journal of Mathematical Economics*.
4. "How are Income and Non-Income Factors Different in Promoting Happiness? An Answer to the Easterlin Paradox," submitted to *Journal of Public Economics*.
5. "A Unique Informationally Efficient Allocation Mechanism in Economies with Public Goods," submitted to *Review of Economic Design*.
6. "Implementation of Marginal Cost Pricing Equilibrium Allocations with Transfers in Economies with Increasing Returns to Scale," submitted to *Review of Economic Design*.
7. "On the Informational Requirements of Decentralized Pareto-Satisfactory Mechanisms in Economies with Increasing Returns," submitted to *Review of Economic Design*.
8. "Reputation and Optimal Contract for Central Bankers: A Unified Approach," submitted to *Journal of Economic Dynamics and Contr.*

WORKING PAPERS

1. "Nonlinear pricing with network effect and countervailing," 2007.
2. "Second Price Auctions with Differentiated Participation Costs, a new version," submitted to *Games and Economic Behavior*, 2007.
3. "Second-price Auction with Two-Dimensional Private Information on Values and Participation Costs," 2007.
4. "Happiness and Income: Towards A Formal Theory of Reference Group", 2005.
5. "Negative Consumption Externalities and Destruction of Resources in Achieving Pareto Efficient Allocations," 2005, <http://econ.tamu.edu/tian/improve2.pdf>.
6. "On the Informational Requirements of Decentralized Pareto-Satisfactory Mechanisms in Economies with Increasing Returns," 2004, <http://econ.tamu.edu/tian/mechl35.pdf>.
7. "Bank Capital Regulation and Regulation Horizon," (with J. Li), 2003.
8. "Unique Escape Clause for Monetary Policy," (with J. Li), 2003.

9. "Implementation of Marginal Cost Pricing Equilibrium Allocations with Transfers in Economies with Increasing Returns to Scale," 2003: <http://econ.tamu.edu/tian/mechl34.pdf>.
10. "Implementation of Pareto Efficient Allocations," 2003: <http://econ.tamu.edu/tian/mechl33.pdf>.
11. "Generalized Mechanism and Implementation in Economies with Non-Convex Production Technologies Unknown to the Designer," 2003: <http://econ.tamu.edu/tian/mechl32.pdf>.
12. "Reputation and Optimal Contract for Central Bankers: A Unified Approach," (with J. Li), 2003: <http://econ.tamu.edu/tian/time4.pdf>.
13. "Implementation for Production Economies with Increasing Returns," 2003: <http://econ.tamu.edu/tian/r>
14. "Implementation of Walrasian Allocations in Economies with Infinite-Dimensional Commodity Spaces," 2002: <http://econ.tamu.edu/tian/mechl30.pdf>.
15. "Time Inconsistency and Reputation: A Strategic Modeling in Continuous Time," (with J. Li), 2001: <http://econ.tamu.edu/tian/time3.pdf>.
16. "On the Existence of Mixed-Strategy Nash Equilibrium in Discontinuous Games," 1994.
17. "On Relations of Central-Local Governments and Decentralized Decision Making in Institutional Transition," 1994.
18. "An Incentive-Compatible Mechanism Yielding Pareto Efficient and Strictly Equitable Allocations," 1993.
19. "A Non-Neoclassical General Equilibrium Model of Mixed-Ownership," 1993.
20. "Optimal Limits to Growth with Exhaustible Resources and Diminishing Returns to Population Size," (C. Li and G. Lozada), 1993.
21. "On the Transfer Topological Conditions, Their Properties and Applications to Some Fundamental Theorems in Mathematics," (with J. Zhou), 1992.
22. "On the Distribution and Maximum Likelihood Estimation of the Linear Expenditure System," (with John S. Chipman and Gerd Ronning), 1991.
23. "Generalized Maximum Likelihood Estimation of the Linear Expenditure System with Log-normal Distribution," (with John S. Chipman), 1990.
24. "Generalizations of the Fan-Knaster-Kuratowski-Mazurkiewicz Theorem and the Ky-Fan Minimax Inequality," 1989.

PRESENTATIONS AT PROFESSIONAL MEETINGS AND CONFERENCES

- “A Formal Theory of Reference Group for Well-being Studies: A Solution to the Happiness-Income Puzzle,” presented at the 2006 Far Eastern Meeting of the Econometric Society, July 2006.
- “The Construction of a Harmonious Society and the Perfection of a Modern Market System: Efficiency, Equity and the Rule of Law,” A Keynote Speaker on International Symposium on Governing Rapid Growth in China: Efficiency, Equity and Institutions, July, 2006.
- “Governing Stead Economic Growth in China: Efficiency, Equity, and Institution,” invited as keynote Speaker at the Fifth China Economics Annual Conference, December, 2005, at the Xiamen University, China.
- “The Basic Analytical Framework and Methodologies in Modern,” invited as keynote Speaker at the Forth China Economics Annual Conference, December, 2004, at the Nankai University in Tianjin, China.
- “Foreign Banks and joint-stock reconstruction of China’s State Bank Sector,” presented at the International Symposium on Private Enterprises and China’s Economic Development, Beijing, June 18-20, 2004.
- “Foreign Banks and joint-stock reconstruction of China’s State Bank Sector” presented at the International Symposium on China’s State Bank Reform, Tsinghua University, Beijing, April 1.
- “Chinese Bank Sector: Dilemma of Reforms and Role of Foreign Banks,” invited as keynote Speaker at the closing ceremony forum in Third China Economics Annual Conference, at the Fudan University in Shanghai, China, December, 2003, .
- “China-US Economic Relations: Dilemmas and Directions,” presented at the International Conference on China-US Relations: Past, Present, and Future, Texas A&M University, November, 2003.
- “China’s Economic Reforms: Problems and Prospective,” presented at the Symposium on Social Transformations and Cultural Awareness, University of Nevada, Las Vegas, October, 2003.
- “Economic Globalization, Marketization Reform and Economic Development in China,” presented at the Symposium on the Modern Economics Education and China’s Economic Reform, Tsinghua University, April, 2002.
- “Economic Globalization, Marketization Reform and Economic Development in China,” presented at the Symposium on the Sustaining Peace and Progress in China and Beyond, San Jose State University, October, 2002.
- “The Competitive Mechanism is the Unique Informationally Efficient Process for Economies with Production,” presented at the Decentralization Conference, Northwest University, April, 2001.

- “Incentives, Information, and Economic Mechanism Design,” presented at the Conference on Development of Economics Research and Culturing of College Students as World Standard Economists, Huazhong University of Science and Technology, June, 2001.
- “Issues and Future Development of the New Institutional Economics,” invited presented at the Symposium on the Law and Economics, Zhejiang University, December, 2001.
- “On Uniqueness of Informational Efficiency of the Competitive Mechanism In Production Economies,” presented at the 2001 NSF-NBER Conference on Decentralization held at Northwestern University, April, 2001.
- “On Uniqueness of Informational Efficiency of the Competitive Mechanism In Production Economies,” presented at the Fall 2000 Midwest Economic Theory and International Trade Conference, Rice University, October, 2000.
- “Globalization and Marketization Reform in China,” invited presented at the Symposium on 21st Century China and Globalization, Beijing, China, August, 2000.
- “China’s Marketization Reform and Economic Development under Globalization,” presented at the Symposium on Developing through Globalization: China’s Opportunities and Challenges in the New Century, Shanghai, China, July, 2000.
- “Dilemmas, Causalities, and Solution to China’s Economic Depression” invited presented at the International Conference on 21st Century China and the Challenge of Sustainable Development: China and Its Trading Partners, Maryland, September, 1999.
- “State-Owned Enterprises Reforms, Unemployment, and Equity: China’s Dilemma and Choices,” presented at the International Conference on Labor Market and Unemployment Policy in Transitional China, Chengdu, China, July 1999.
- “China’s Reforms: Past, Present and Future” invited presented at the International Conference on Fifty Years of the People’s Republic of China, High Points University, January, 1998.
- “A The Theory of Ownership Arrangements and Smooth Transition To A Free Market Economy,” presented at the Second Annual Conference of the International Society for New Institutional Economics, Paris, September, 1998.
- “Comparative Studies of Pension Systems and China’s Options,” presented at the International Symposium on Establishing a Market-Oriented Social Security System in China, Beijing, China, June, 1998.
- “Incentive Mechanism Design for Production Economies with Both Private and Public Ownership,” presented at the International Conference on Public Economic Theory, University of Alabama, May, 1998.
- “China’s Reforms: Past, Present and Future” invited presented at the International Conference on Agriculture and Sustainable Development: China and Its Trading Partners, Texas A&M University, January, 1998.

- “Reforms of State-Owned Enterprises and Government Administrative System: What Kind of Privatization?” invited presented at the International Conference on the 15th Communist Party Congress and China’s Development, New York, November 1997.
- “The Perspective and Problems of Institutional Transition in China after Deng,” invited presented at the Conference on Transition to Toward the Post-Deng China, November 1997.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at the Far Eastern Meeting of Econometric Society 1997, Hong Kong, July 1997.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at the International Conference on Transition to Advanced Market Institutions and Economies, Poland, June 1997.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” invited presented at the Conference of Industrial Organization, Taiwan, November 1996.
- “China’s Institutional Transition and Economic Relations Between US and China,” presented at International Symposium on US-China Relations: Interdisciplinary Perspectives, University of Maryland, October, 1996.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at American Economic Association Meeting, January 1996.
- “Continuous and Feasible Implementation of Rational Expectation Lindahl Allocations,” presented at the Southwestern Conference on the Economic Theory and International Trade, MSU, November 1995.
- “On Relations of Central Government, Local Governments, and Decentralized Decision Making in Institutional Transition in China,” presented at the International Conference on the Emerging Market Federalism in China, University of Michigan, August, 1995.
- “China’s Economic Reform and Smooth Institutional Transition,” presented at the International Conference on China’s Modernization, University of Maryland, June 1995.
- “On the Pattern and Steps of China’s SOE Reform and Smooth Transition of Economic System,” presented at the International Conference on China’s State-Owned Enterprises, Shanghai, China, July 1995.
- “Economic Mechanism Design and Information Economics”, Presented at the International Conference on the New Development of Economics and China’s Economic Reform, Peking University, China, March 1995.
- “On Relations of Central Government, Local Governments, and Decentralized Decision Making in Institutional Transition in China,” invited presented at the Conference on Local-Central Government Relations and Institutional Transition in China, Princeton University, October, 1994.

- “Property Right Structure and Its Reform in TVEs,” presented at the International Conference on the Property Rights of Township-Village Enterprises in China”, Hangzhou, China, August, 1994.
- “On Reform of State-Owned Enterprises and Stages of Institutional Transition in China,” presented at the Meeting of Economic Transition and Polish Reforms”, Center for Social and Economic Research, Warsaw, Poland, July, 1994.
- “Implementation of Linear Cost Share Equilibrium Allocations,” presented at the Far Eastern Meeting of the Econometric Society at Academia, Sinica, Taipei, Taiwan, June, 1993.
- “On the Existence of Optimal Truth-Dominant Mechanisms for a Class of Utility Functions,” presented at the Lonestars Conference, University of Texas at Austin, March, 1993.
- “Economic Reforms and Mechanism Design,” invited presented at the International Symposium on the East Asia Economic Development, University of Minnesota, August, 1993.
- “The Perspectives and Problems of China’s Economic,” invited presented at the Symposium on Economic Reform, Political Reform, Social Problems in China, Princeton University, August, 1993.
- “Mechanism Design in Institutional Transition in China,” invited presented at the International Symposium on the Theoretical and Practical Issues of the Transition toward the Market Economy in China,” Haikou, China, July, 1993.
- “Implementing Lindahl Allocations by a Withholding Mechanism,” presented at the Department of Economics, presented in the Lonestars Conference, University of Texas at Austin, April, 1991.
- “An Implementable and Informationally Efficient State-Ownership System with the Variable Returns: An Answer to the ‘Socialist Controversy’,” presented on the 1990 NSF-NBER Conference on Decentralization held at Northwestern University, also presented at the Econometric Society Winter Meeting, in Washington, D.C., December, 1990.
- “Invectives, Information, and Mechanism Design,” presented at the Conference on the Modernization in China held at University of Chicago, June, 1990.
- “Ratio-Lindahl Equilibria and an Informationally Efficient and Implementable Mixed-Ownership System,” presented at the Econometric Society Winter Meeting, in Washington, D.C., December, 1990.

EXTERNAL SEMINAR PRESENTATIONS

- “Generalized Mechanism and Implementation in Economies with Non-Convex Production Technologies Unknown to the Designer,” Hong Kong University of Science and Technology, April 20, 2005.

- “A Formal Theory of Reference Group for Well-being Studies: A Solution to the Happiness-Income Puzzle,” Shanghai University of Finance and Economics, December, 2005.
- “The Basic Analytical Framework and Methodologies in Modern,” Shanghai University of Finance and Economics, December 6, 2004.
- “Foreign Banks and joint-stock reconstruction of China’s State Bank Sector,” presented at Huazhong University of Science and Technology, June 15, 2004.
- “On the Informational Requirements of Decentralized Pareto-Satisfactory Mechanisms in Economies with Increasing Returns,” Tsinghua University, May 18, 2004.
- ”Chinese Bank Sector: Dilemma of Reforms and Role of Foreign Banks,” presented at Huazhong University of Science and Technology, also presented at Tsinghua University, China, December 2003.
- “On the Informational Requirements of Decentralized Pareto-Satisfactory Mechanisms in Economies with Increasing Returns,” presented at Peking University, December, 2003.
- “Generalized Mechanism and Implementation in Economies with Non-Convex Production Technologies Unknown to the Designer,” presented at Zhejiang University, December, 2003.
- “A Unique Informationally Efficient Allocation Mechanism in Economies with Consumption Externalities,” presented at Huazhong University of Science and Technology, May, 2002.
- “A Unique Informationally Efficient Allocation Mechanism in Economies with Non-Malevolent Externalities,” invited seminar presentation in the Department of Economics, University of Washington, February, 2001.
- “Economic Globalization, Marketization Reform and Economic Development in China,” presented at Zhejiang University, December, 2001.
- “Incentives, Information, and Economic Mechanism Design,”” presented at Zhejiang University, December, 2001.
- “Past, Current, and Future of China’s Economics Reforms,” presented at Zhejiang University, December, 2001.
- “On Uniqueness of Informational Efficiency of the Competitive Mechanism In Production Economies,” presented at University of Washington, Department of Economics, February, 2000.
- “A Unique Informationally Efficient Allocation Mechanism in Economies with Public Goods,” presented at Hong Kong University of Science and Technology, also presented at Peking University, China, December, 2000.
- “Economic Globalization, Marketization Reform and Economic Development in China,” presented at Huazhong University of Science and Technology, December, 2000.
- “China’s Economic Reforms: Past, Present, and Future,” presented at the Zhongnan University of Finance and Economics, China, June, 1998.

- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at the Zhongnan University of Finance and Economics, China, June, 1998.
- “China’s Economic Reforms: Past, Present, and Future,” presented at the Huazhong University of Science and Technology, China, June, 1998.
- “Incentive Mechanism Design for Production Economies with Both Private and Public Ownership,” presented at the Huazhong University of Science and Technology, China, June, 1998.
- “China’s Economic Reforms: Past, Present, and Future,” presented at the Northern Jiaotong University, China, June, 1998.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at the Hong Kong University of Science and Technology, Hong Kong, June, 1998.
- “The Property Right Structure of Chinese Township-Village Enterprises and Its Reform,” presented at University of Hong Kong, June, 1998.
- “Bayesian Implementation in Exchange Economies with State Dependent Preferences and Feasible Sets,” presented at Chengchi University, Taiwan, November 1996.
- “Characterizations of Virtual Implementation in Incomplete Information Environments with General Sets of Alternatives and Types,” presented at Taiwan University, also at the Institute of Economics, Academia Sinica, November 1996.
- “On the Existence of Optimal Dominant Strategy Mechanisms for Uncountably Many Utility Functions,” presented at Tamkang University, November 1996.
- “On State-Owned Enterprise Reform and Smooth Institutional Transition in China — A Three-Stage Economic Reform Mode,” presented at Tamkang University, November 1996.
- “Breaking Up is Hard to Do: The Theory of Property Rights in Transitional Economies,” presented at Duke University, February, 1996.
- “Characterizations of Virtual Implementation in Incomplete Information Environments with General Sets of Alternatives and Types,” presented in Institute of Mathematics, Academia Sinica, Beijing, China, July, 1994.
- “Some Issues of Economic Reform in China,” presented in Institute of Far Eastern Studies, Moscow, Russia, July, 1994; also at Economics Institute, the Academy of Sciences of the Czech Republic, Prague, Czech, July, 1994.
- “The Perspectives and Problems of China’s Economic Reform,” presented at Beijing University, Beijing, China, December, 1993; also at Department of Economics, People University, Beijing, China, December, 1993.
- “On Informational Efficiency and Incentive Aspects of Generalized Ratio Equilibria,” presented at the Department of Economics, Southern Methodist University, November, 1993.

- “On Nash-Implementation in the Presence of Withholding,” presented at the Department of Economics, Huazhong University of Science and Technology, Wuhan, China, June, 1993.
- “Some Theoretical Issues on China’s Economic Reform,” presented at Zhongnan University of Finance and Trade, Wuhan, China, June, 1993;
- “Transfer Continuities, Generalizations of the Weierstrass Theorem and Maximum Theorem—A Full Characterization,” presented at the Department of Mathematics, Wuhan University, Wuhan, China, June, 1993.
- “Necessary and Sufficient Conditions for Maximization of a Class of Preference Relations,” presented at Department of Mathematics, Wuhan University of Hydraulic and Electric Engineering, Wuhan, China, June, 1993.
- “Characterizations of the Existence of Equilibria in Games with Discontinuous and Nonquasi-concave Payoffs,” presented at Department of Mathematics, Wuhan Institute of Metallurgy, Wuhan, China, May, 1993.
- “Economic Reforms and Mechanism Design,” invited presented at the International Symposium on the East Asia Economic Development, National University of Taiwan, Taiwan, June, 1993; also at Huazhong University of Science and Technology, Wuhan, China, May, 1993.
- “Incentive Mechanism Design in Institutional Transition in China,” presented at School of Business, Wuhan University, China, Wuhan, May, 1993; also Wuhan University of Technology and Wuhan Institute of Economics, Wuhan, China, May, 1993.
- “Implementing Lindahl Allocations by a Withholding Mechanism,” presented at the Department of Economics, University of Missouri at Columbia, April, 1992.
- “Necessary and Sufficient Conditions for Maximization of a class of Preference Relations,” presented at the Department of Economics, Konstanz University, Germany June, 1991.
- “A General-Equilibrium Intertemporal Model of an Open Economy,” presented at the Department of Economics, Konstanz University, Germany, June, 1991.
- “Closed-Form Solution of General Intertemporal Consumption Maximization Models,” presented at the Department of Economics, Konstanz University, Germany, May, 1991.
- “Implementation of Lindahl Allocations with Nontotal- Nontransitive Preferences,” presented at the Department of Economics, Konstanz University, Germany, May, 1991.
- “Implementation of the Lindahl Correspondence by Single-Valued, Feasible and Continuous Mechanism,” presented at the Department of Economics, New York State University at Buffer, April, 1988.
- “Completely Feasible and Continuous Implementation of the Lindahl Correspondence with a Message Space of Minimal Dimension,” presented at the Department of Economics, University of Rochester, February, 1987; also presented at the Department of Economics, University of Saskatchewan, March, 1987.

TEACHING EXPERIENCE

Undergraduate: Intermediate Microeconomics.

Master's: Mathematical Economics.

Doctoral: Microeconomic Theory III, Theoretical Economics, Advanced Topics in Economic Theory.