

**Yongmin Chen**  
Curriculum Vitae

**Office Address:**

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**Personal Information:**

Born in China in 1961; naturalized U.S. citizen.

**Education:**

1988-1992      Ph.D. in Economics, Boston University.  
1985-1988      MA in Industrial Economics, Renmin University of China, Beijing, China.  
1978-1982      BS in Engineering, Zhejiang Institute of Technology, China.

**Academic Positions:**

2005-            Professor, Department of Economics, University of Colorado Boulder.  
                    • Provost's Chair, 2018-.  
                    • Stanford Calderwood Endowed Chair (2007-2011).  
                    • Associate Chair for Graduate Studies (2003-2006).  
2001-2005      Associate Professor (awarded tenure in 2001), Department of Economics, CU-Boulder.  
1996-2001      Assistant Professor, Department of Economics, CU-Boulder.  
1992-1996      Visiting Assistant Professor of Economics, John M. Olin School of Business,  
                    Washington University in St. Louis.  
1982-85        Instructor, Zhejiang Institute of Technology, China.

**Other Professional Positions:**

- Associate Editor, *RAND Journal of Economics*, 2012-.
- Managing Editor, *International Journal of Industrial Organization*, 2013-2019.
- Co-Editor, *International Journal of Industrial Organization*, 2011-2012.
- Associate Editor, *European Economic Review*, 2002-2012.
- Associate Editor, *Journal of Industrial Economics*, 2004-2010.
- Associate Editor, *Quantitative Marketing and Economics*, 2010-2013.
- Editorial Advisor, *Canadian Journal of Economics*, 2005-2008.
- Editorial Board Member, *Annals of Economics and Finance*, 2000-.
- Editorial Board Member, *Frontiers of Economics in China*, 2011-.
- Visiting Professor of Economics, Hong Kong University of Science and Technology, Fall 2009.
- Short-term/summer visiting professor at various universities and times since 2001.
- Consultant, U.S. Federal Communications Commission, 2012.
- Member, Vice Chancellor's Advisory Committee (The Campus Committee on Faculty Appointment, Promotion, and Tenure), University of Colorado Boulder, 2012-2014.
- Member, Provost's Advisory Committee, University of Colorado Boulder, 2014, 2016.
- Panel Member, Hong Kong Research Grants Council, 2014-2019.

**Awards:**

- Provost's Chair, University of Colorado Boulder, 2018.
- John Weatherall Distinguished Fellow, Queen's University, February 29 - March 4, 2016.

- BFA Excellence Award for Research, Scholarly, and Creative Work, University of Colorado, Boulder, 2014-2015.
- BFA Faculty Recognition Award (for service contributions), University of Colorado, Boulder, October 2013.
- Summer Research Grant, the NET Institute, 2012.
- Research Grants Council (RGC), Hong Kong, Grant # 642211, Co-Investigator, 2011-2012.
- Chang-Jiang Scholar, Ministry of Education of China, 2009.
- Stanford Calderwood Endowed Chair, University of Colorado, Boulder, 2007-2011.
- Summer Grant, the NET Institute, 2007.
- Summer Grant, the NET Institute, 2006.
- Best Published Faculty Paper in Public Policy, Department of Economics, CU-Boulder, 2005.
- Faculty Fellowship, Council on Research and Creative Work, University of Colorado, Boulder, 2002-03 academic year.
- National Science Foundation grant #SES 9911229, “Competition and the Vertical Organization of Industries”, Principal Investigator, 2000-2002.
- Stanford Calderwood Faculty Teaching Award, Department of Economics, University of Colorado Boulder, 1999.
- Council on Research and Creative Work, CU-Boulder, Small Grant, Principal Investigator, 1999.
- National Science Foundation grant #SES 9222903: “Dynamic Duopoly and Bounded Rationality”, Co-Principal Investigator, 1993-1994.
- World Bank Graduate Scholarship, World Bank, 1989-1991.
- Presidential University Graduate Fellowship, Boston University, 1988-1989.

**Ph.D. Dissertation:**

- "Models of Business Behavior: Multi-market Diversification and Short-term Orientation." Department of Economics, Boston University, 1992. Advisor: Robert W. Rosenthal.

**Field of Specialization:** Industrial organization, Microeconomics.

**Research Interests:** Price theory, consumer search, innovation economics, law and economics, antitrust, vertical contracting.

**Publications in Refereed Journals (in reverse chronological order):**

65. Chen, Yongmin, Xinyu Hua and Keith Maskus. “International Protection of Consumer Data ”, *Journal of International Economics*, v. 132, September 2021, article number 103517.
64. Chen, Yongmin, Zhuozheng Li and Tianle Zhang. “Experience Goods and Consumer Search”, 2020, *American Economic Journals: Microeconomics*, in press.
63. Chen, Yongmin, Jianpei Li and Marius Schwartz. “Competitive Differential Pricing”, *RAND Journal of Economics*, 52: 100-124, 2021.
62. Chen, Yongmin. “Improving Market Performance in the Digital Economy”, *China Economic Review*, [10.1016/j.chieco.2020.101482](https://doi.org/10.1016/j.chieco.2020.101482), 2020.
61. Armstrong, Mark and Yongmin Chen. “Discount Pricing”, *Economic Inquiry*, <https://doi.org/10.1111/ecin.12774>, 2019.

60. Chen, Yongmin and Philip Gayle. "Mergers and Product Quality: Evidence from the Airline Industry", *International Journal of Industrial Organization, Special Issue on the Airline Industry*, 2019.
59. Chen, Yongmin and David Sappington. "An Optimal Rule for Patent Damages under Sequential Innovation", *RAND Journal of Economics*, 49: 370-397, 2018.
58. Chen, Yongmin and Jianpei Li. "Bundled Procurement", *Journal of Public Economics*, 159: 116-127, 2018.
57. Chen, Yongmin, Shiyuan Pan and Tianle Zhang. "Patentability, R&D Direction, and Cumulative Innovation", *International Economic Review*, 2018.
56. Sridhar Moorthy, Yongmin Chen, and Shervin Shahrokhi Tehran. "Selling Your Product through Competitors' Outlets: Channel Strategy When Consumers Comparison Shop", *Marketing Science*, 37: 138-152, 2018.
55. Gu, Xiaming, Yongmin Chen, and Shiyuan Pan. "Economic policy uncertainty and innovation: evidence from listed companies in China", *Economic Research Journal (经济研究)*, 53: 109-123, 2018.
54. Chen, Yongmin and Tianle Zhang. "Intermediaries and Consumer Search", *International Journal of Industrial Organization* (EARIE Special Issue), <https://doi.org/10.1016/j.ijindorg.2017.08.001>, 2017.
53. Chen, Yongmin and Xinyu Hua. "Competition, Product Safety, and Product Liability", *Journal of Law, Economics, and Organization*, 33: 237-267, 2017.
52. Yao, Zhiyong, Dingwei Gu and Yongmin Chen. "Rating deflation versus inflation: On procyclical credit ratings", *Pacific-Basin Finance Journal*, 41: 46-64, 2017.
51. Chen, Yongmin and Tianle Zhang. "Entry and Welfare in Search Markets" *Economic Journal*, DOI: 10.1111/eoj.12412, 2017.
50. Chen, Yongmin and Marius Schwartz. "Churn vs. Diversion in Antitrust: An Illustrative Model", *Economica*, 83: 564-583, 2016.
49. Chen, Yongmin and Marius Schwartz. "Differential Pricing when Costs Differ: A Welfare Analysis", *RAND Journal of Economics*, 46: 442-460, 2015.
48. Chen, Yongmin and Tianle Zhang. "Interpersonal Bundling", *Management Science*, 61: 1456-1471, 2015.
47. Chen, Yongmin and Michael Riordan. "Prices, Profits, and Preference Dependence", *Journal of Industrial Economics*, 63: 549-568, 2015.
46. Zhang, Jie, Scott Savage and Yongmin Chen. "Consumer Uncertainty and Price Discrimination through Online Coupons: An Empirical Study of Restaurants in Shanghai", *Information Economics and Policy*, 33: 43-55, 2015
45. Chen, Yongmin. "Refusal to Deal, Intellectual Property Rights, and Antitrust",

- Journal of Law, Economics, and Organization*, 30: 533-557, 2014.
44. Chen, Yongmin, Shiyuan Pan and Tianle Zhang. “(When) Do Stronger Patents Increase Continual Innovation?” *Journal of Economic Behavior and Organization*, 98: 115-124, 2014.
  43. Chen, Yongmin and Michael Riordan. “Profitability of Product Bundling”, *International Economic Review*, Vol. 54(1), 35-57, 2013.
  42. Chen, Yongmin and Marius Schwartz. “Product Innovation Incentives: Monopoly vs. Competition”, *Journal of Economics and Management Strategy*, Vol. 22, 513-528, 2013.
  41. Chen, Yongmin and Xinyu Hua. “Ex ante Investment, Ex post Remedy, and Product Liability”, *International Economic Review*, Vol. 53, 845-866, 2012.
  40. Chen, Yongmin, Ig Horstmann and James Markusen. “Physical Capital, Knowledge Capital and the Choice between FDI and Outsourcing”, *Canadian Journal of Economics*, Vol. 45, 1-15, 2012.
  39. Chen, Yongmin and Chuan He. “Paid-Placement: Advertising and Search on the Internet”, *Economic Journal*, Vol. 121, F309-F328, 2011.
  38. Chen, Yongmin and Tianle Zhang. “Equilibrium Price Dispersion with Heterogeneous Searchers”, *International Journal of Industrial Organization*, 29, 645-654, 2011.
  37. Chen, Yongmin and David Sappington. “Exclusive Contracts, Innovation, and Welfare”, *American Economic Journals: Microeconomics*, Vol. 3, 194–220, 2011.
  36. Chen, Yongmin and Scott Savage, “The Effects of competition on the Price for Cable Modem Internet Access”, *Review of Economics and Statistics*, Vol. 93, pp. 201-217, 2011.
  35. Chen, Yongmin and Jason Percy, “Dynamic Pricing: When to Entice Brand Switching and When to Reward Consumer Loyalty”, *RAND Journal of Economics*, Vol. 41, 674-685, 2010.
  34. Chen, Yongmin and David Sappington, “Innovation in Vertically Related Markets”, *Journal of Industrial Economics*, Vol. 58, pp. 373-401, 2010.
  33. Armstrong, Mark and Yongmin Chen, “Inattentive Consumers and Product Quality”, *Journal of the European Economic Association*, Vol. 7, pp. 411-422, 2009.
  32. Chen, Yongmin and David Sappington, “Designing Input Prices to Motivate Innovation”, *International Journal of Industrial Organization*, Vol. 27, 390-402, 2009.
  31. Chen, Yongmin and Michael Riordan, “Price-Increasing Competition”, *RAND Journal of Economics*, Vol. 39, pp. 1042-1058, 2008.
  30. Zhao, Dongmei, Scott Savage, and Yongmin Chen, “Ownership, Location and Prices in Chinese Electronic Commerce Markets”, *Information Economics and Policy*, Vol. 20, pp. 192-207, 2008.
  29. Chen, Yongmin and Robert Feenstra, “Buyer Investment, Export Variety, and Intrafirm Trade”, *European Economic Review*, Vol. 52, pp. 1313-1337, 2008.
  28. Chen, Yongmin, “Dynamic Price Discrimination with Asymmetric Firms”, *Journal of Industrial Economics*, Vol. 56, pp. 729-751, 2008.

27. Chen, Yongmin and Michael Riordan, "Price and Variety in the Spokes Model", *Economic Journal*, 2007, Vol. 117, pp. 897-921, 2007.
26. Chen, Yongmin and Philip Gayle, "Vertical Contracting Between Airlines: An Equilibrium Analysis of Codeshare Alliances", *International Journal of Industrial Organization*, 1046-1060, 2007.
25. Chen, Yongmin and Michael Riordan, "Vertical Integration, Exclusive Dealing, and *ex post* Cartelization", *RAND Journal of Economics*, Vol. 38, pp. 1-21, 2007.
24. Chen, Yongmin and Ruqu Wang, "Market Design with Correlated Valuations", *Economica*, 73, 659-672, 2006.
23. Chen, Yongmin, "Marketing Innovation", *Journal of Economics and Management Strategy*, Vol. 15, 101-123, 2006.
22. Chen, Yongmin and Thitima Puttitanun, "Intellectual Property Rights and Innovation in Developing Countries", *Journal of Development Economics*, 78, 474-493, 2005.
21. Chen, Yongmin and Terra McKinnish, "Do Economics Departments Search Optimally in Faculty Recruiting?" *Economic Inquiry*, Vol. 43, pp. 676-688, 2005.
20. Chen, Yongmin and Keith Maskus, "Vertical Pricing and Parallel Imports", *Journal of International Trade and Development*, Vol. 14, No.1, pp. 1-18, 2005.
19. Chen, Yongmin, "Vertical Disintegration", *Journal of Economics and Management Strategy*, Vol. 14, pp. 209-229, 2005.
18. Chen, Yongmin and Ruqu Wang, "Equilibrium Selling Mechanisms", *Annals of Economics and Finance*, Vol. 5, pp. 335-355, 2004.
17. Chen, Yongmin, Jota Ishikawa, and Zhihao Yu, "Trade Liberalization and Strategic Outsourcing", *Journal of International Economics*, Vol. 63, pp. 419-436, 2004.
16. Maskus, Keith and Yongmin Chen, "Vertical Price Control and Parallel Imports: Theory and Evidence," *Review of International Economics*, Vol. 12, pp. 551-570, 2004.
15. Chen, Yongmin and Ruqu Wang, "A Model of Competing Selling Mechanisms", *Economic Letters*. Vol. 85, pp. 151-155, 2004.
14. Maskus, Keith and Yongmin Chen, "Parallel Imports in A Model of Vertical Distribution: Theory, Evidence, and Policy," *Pacific Economic Review*, Vol. 7, pp. 319-334, 2002.
13. Chen, Yongmin, "On Vertical Mergers and Their Competitive Effects", *RAND Journal of Economics*, Vol. 32, pp. 667-685, 2001. Reprinted in: George Norman (eds), *Recent Developments in Monopoly and Competition Policy*, *The International Library of Critical Writings in Economics*, Volume 217, Edward Elgar Publishing, 2008.
12. Chen, Yongmin and Ron Smith, "Equilibrium Cost Overruns", *Annals of Economics and Finance*, Vol. 2, pp. 401-414, 2001.
11. Chen, Yongmin, "Strategic Bidding by Potential Competitors: Will Monopoly Persist?"

*Journal of Industrial Economics*, Vol. XLVIII, pp. 161-175, 2000.

10. Chen, Yongmin, "Promises, Trust, and Contracts," *Journal of Law, Economics, and Organization*, Vol. 16, pp. 209-232, 2000.
9. Chen, Yongmin, "Oligopoly Price Discrimination and Resale Price Maintenance," *RAND Journal of Economics*, Vol. 30, pp. 441-455, 1999.
8. Chen, Yongmin and Ruqu Wang, "Learning Buyers' Valuation Distribution in Posted-pricing Selling," *Economic Theory*, Vol. 14, pp. 417-428, 1999.
7. Chen, Yongmin, "Paying Customers to Switch," *Journal of Economics and Management Strategy*, Vol. 6, No. 4, pp. 877-897, 1997.
6. Chen, Yongmin, "Multidimensional Signaling and Diversification," *RAND Journal of Economics*, Vol. 28, pp. 168-187, 1997.
5. Chen, Yongmin, "Equilibrium Product Bundling," *Journal of Business*, Vol. 70, pp. 85-103, 1997.
4. Chen, Yongmin and Robert Rosenthal, "Asking Prices as Commitment Devices," *International Economic Review*, Vol. 37, pp. 129-155, 1996.
3. Chen, Yongmin and Robert Rosenthal, "On the Use of Ceiling-Price Commitments by Monopolists," *RAND Journal of Economics*, Vol. 27, pp. 207-220, 1996.
2. Chen, Yongmin and Robert Rosenthal, "Dynamic Duopoly with Slowly Changing Customer Loyalties," *International Journal of Industrial Organization*, Vol. 14, pp. 269-296, 1996.
1. Chen, Yongmin, "Conflicting Interests in Information Disclosure and Short-term Orientation of Firms," *International Journal of Industrial Organization*, Vol. 12, pp. 211-225, 1994.

#### **Working Papers :**

- "Consumer Search and Price Competition with Repeat Purchases" (with Zhuozheng Li and Tianle Zhang), working paper, 2021.
- "The Impact of Foreign Direct Investment on Innovation: Evidence from Patent Filings and Citations in China" (with H. Jiang, Y. Liang, and S. Pan), working paper, 2021.
- "Efficient Liability in Expert Markets" (with Jianpei Li and Jin Zhang), working paper, R&R for the *International Economic Review*.
- "Connectivity and Security" (with Mike Riordan and Tianle Zhang), work in progress.

#### **Other Publications/Unpublished Papers:**

- 陈勇民, 曾湘泉, 邵天如: *企业外部环境*, 北京: 企业管理出版社, 1989.

- Chen, Yongmin and Congming Li, “Designing a Market under Unknown Common Values”, Department of Economics, CU-Boulder, 1999.
- Ann Carlos, Yongmin Chen and Ron Smith “Purchasing Strategies: The Case of the Royal African Company”, Department of Economics, CU-Boulder, 1999.
- Chen, Yongmin, “Oligopoly Price Discrimination by Purchase History”, in *Pros and Cons of Price Discrimination*, Swedish Competition Authority, Stockholm, 2005.

**Invited Seminar/Conference Talk since 1996 (not including presentations by co-authors):**

- 2019:
  - Shanghai University of Finance and Economics, Department of Industrial Economics Seminar, January 14.
  - Wuhan University, School of Economics and Management Seminar, March 14.
  - Korea University, Department of Economics Seminar, Seoul, South Korea, March 21.
  - University of Illinois, Department of Economics Seminar, April 25.
  - University of Rochester, Simon School of Business Seminar, May 1.
  - Fudan University, Department of Industrial Economics Seminar, May 21.
  - Hong Kong University of Science and Technology, Industrial Organization Conference, June 12.
  - Zhejiang University, School of Economics Seminar, June 19.
  - 2019 CCER (Peking University) Summer Institute, Keynote Speaker, June 23.
  - 2019 Conference on Industrial Organization and Competition Policy, Keynote Speaker, Dongbei University of Finance and Economics, Dalian, June 27.
  - 2019 Intellectual Property Rights and Competition Symposium, Hokkaido University, July 6.
  - 2019 Industrial Economics and Economic Growth Conference, Keynote Speaker, Nanjing Audit University, September 1.
  - University of Central Florida, Department of Economics Seminar, November 1.
- 2018:
  - Rutgers University, Rutgers Business School, Finance and Economics Seminar, February 5.
  - University of Toronto, Rotman School of Management, Strategy Seminar, March 1.
  - University of North Carolina at Chapel Hill, 2018 Triangle Microeconomics Conference, April 6-7.
  - University of Mannheim, Economics Department Seminar, April 10.
  - University of Vienna, Economics Department Seminar, April 12.
  - Renmin University, Beijing Workshop on Competition Policy, May 7.
  - Fudan University, Department of Industrial Economics Seminar, May 23.
  - Nanjing University, International Conference on Innovation and Industrial Economics, June 9, keynote speaker.
  - Peking University, NSD Microeconomics Seminar, June 14.
  - Zhejiang University, 2018 International Conference on Industrial Economics, June 16.
  - Toulouse School of Economics, IO Seminar, September 24.
  - University of California—Irvine, Department of Economics, IO Seminar, October 25.
- 2017:
  - Renmin University, School of Business Seminar, March 27.
  - Emory University, Department of Economics, Microeconomics Seminar, April 18.
  - University of Zurich, Department of Economics, Microeconomics Seminar, April 27.
  - University of Bern, Department of Economics Seminar, April 28.

- ❑ Fudan University, Department of Industrial Economics Seminar, May 23.
- ❑ Shanghai University of Finance and Economics, Conference on Antitrust and Competition Economics, May 26.
- ❑ Zhejiang University of Finance and Economics, China Institute of Regulation Research, Seminar on Frontier Issues on Regulation, Hangzhou, June 8.
- ❑ Chinese University of Hong Kong, Department of Economics Seminar, June 15.
- ❑ Shandong University, the 11<sup>th</sup> Conference on Industrial Economics, Qingdao, June 22.
- ❑ Dongbei University of Finance and Economics, 2017 Conference on Industrial Organization, Dalian, June 25
- ❑ Hong Kong University of Science and Technology, Workshop on Law and Economics, December 19.
- 2016:
  - ❑ University of Georgia, Department of Economics Seminar, February 18.
  - ❑ Queen's University, Weatherall Seminar, February 29; John Weatherall Distinguished Fellow, February 29 - March 4, 2016.
  - ❑ University of International Business and Economics (UIBE), School of International Trade and Economics Workshop, Beijing, March 22.
  - ❑ University of California Santa Barbara, Department of Economics Seminar, April 8.
  - ❑ University of Groningen, Department of Economics Workshop, April 14.
  - ❑ State University of New York at Stony Brook, Department of Economics Seminar, April 20.
  - ❑ Shanghai University of Finance and Economics, 2016 Workshop on Antitrust and Industrial Organization, May 13-14.
  - ❑ Fudan University, Department of Industrial Economics Seminar, May 17.
  - ❑ Hong Kong University of Science and Technology, IOMS 2016, June 10.
  - ❑ Nanjing University, International Conference on Innovation and Industrial Economics, Keynote Speaker, June 25.
  - ❑ EARIE 2016, Invited Speaker on "Consumer Search", August 27.
  - ❑ Xi'an Jiaotong University, Jinhe Center for Economic Research seminar, September 28.
  - ❑ University of International Business and Economics (UIBE), School of International Trade and Economics Workshop, Beijing, October 20.
  - ❑ Zhejiang University of Finance and Economics, International Conference on Regulatory Theory and Policy, November 5.
  - ❑ Columbia University, Conference in Honor of Michael Riordan, November 18.
  - ❑ MIT Sloan School, Marketing Department Seminar, November 14.
- 2015:
  - ❑ University of Colorado-Boulder, Leeds School of Business, Marketing Department Seminar, February, 20
  - ❑ Georgetown University, Department of Economics, Microeconomics Seminar, March 4.
  - ❑ University of International Business and Economics (UIBE), School of International Trade and Economics Workshop, Beijing, March 23.
  - ❑ Zhejiang University, School of Economics Seminar, May 6.
  - ❑ Fudan University, Department of Industrial Economics Seminar, May 19.
  - ❑ Dongbei University of Finance and Economics, Forum on Industrial Organization, May 22.
  - ❑ 2015 Workshop on Antitrust Economics, Shanghai University of Finance and Economics, May 25.
  - ❑ University of Hong Kong, School of Business Workshop, June 15.
  - ❑ Zhejiang University of Finance and Economics, China Institute of Regulation Research Seminar, June 18.
  - ❑ Nanjing University, Department of Industrial Economics Seminar, June 29.
  - ❑ 2015 International Workshop on Intellectual Property Rights and Technology Innovation, Beijing, October 25.
- 2014:

- ❑ University of Arkansas, Department of Economics Seminar, March 7.
- ❑ Renmin University, Hanqing Advanced Institute of Economics and Finance, Forum on Antitrust and Competition Policy, Beijing, April 2.
- ❑ Tianjin University of Finance and Economics, Law and Economics Center seminar, Tianjin, April 3.
- ❑ Fifth Annual Searle Conference on Internet Search and Innovation, Northwestern University, Chicago, June 5-6.
- ❑ 2014 Hal White Antitrust Conference, Washington DC, June 9-10.
- ❑ Northeastern University of Finance and Economics, 2014 Industrial Organization Conference, Dalian, July 5.
- ❑ University of International Business and Economics (UIBE), School of International Trade and Economics, Mini Workshop on Applied Microeconomic Theory, Beijing, July 10.
- ❑ 2014 Summer Workshop on Antitrust and Competition Policy, Renmin University, Beijing, July 12. Keynote Speaker.
- ❑ 2014 International Workshop on Intellectual Property Rights and Technology Innovation, Beijing, October 25.
- ❑ 8<sup>th</sup> Biennial Conference of the Hong Kong Economic Association, Jinan, December 14. Keynote Speaker.
- 2013:
  - ❑ U.S. Federal Trade Commission, Bureau of Economics Seminar, Washington DC, March 28.
  - ❑ University of Toronto, Rotman School of Management and Economics Department IO seminar, Toronto, Canada, April 8.
  - ❑ Fudan University, Department of Industrial Economics Seminar, Shanghai, May 21.
  - ❑ Zhejiang University of Technology, School of Economics and Management Seminar, Hangzhou, China, May 23.
  - ❑ Jiangsu University, School of Finance and Economics Seminar, Zhenjiang, China, May 24.
  - ❑ Higher School of Economics, 4th Workshop on Consumer Search, Moscow, Russia, May 30.
  - ❑ University of International Business and Economics (UIBE), School of International Trade and Economics Seminar, Beijing, June 3.
  - ❑ Tsinghua University, 2013 Tsinghua Conference on Theoretical and Behavioral Economics, Beijing, June 17-18.
  - ❑ Tianjin University of Finance and Economics, School of Business Seminar, Tianjin, China, June 20.
  - ❑ Shandong University, 8th Conference on Industrial Economics and Economic Theory, Jinan, June 22.
  - ❑ Academia Sinica, Workshop in Industrial Economics, Taipei, Taiwan, July 4-5.
  - ❑ Northeastern University of Finance and Economics, Research Center of Industrial Organization Seminar, Dalian, China, July 7.
  - ❑ University of British Columbia (Sauder School of Business) Seminar, October 11.
  - ❑ University of South Carolina, Economics Department Seminar, October 25.
- 2012:
  - ❑ Shanghai Forum, Fudan University, Shanghai, China, May 27, 2012.
  - ❑ Shanghai Workshop on Industrial Organization and Competition Policy, SHUFE, June 12.
  - ❑ Fudan University, Industrial Economics Department Research Seminar, Shanghai, June 20.
  - ❑ RCGEB Summer Workshop: Games & Economic Behavior, Shandong University, June 23-24, 2012.
  - ❑ The 7th Conference on Industrial Economics and Economic Theory, Shandong University, June 27.
  - ❑ University of Electronic Science and Technology of China, School of Management and Economics Seminar, Chengdu, China, June 29, 2012.
  - ❑ Toulouse School of Economics, Workshop on Competition Policy, Toulouse, France, October 19, 2012.

- ❑ Universitat Pompeu Fabra, Economics Department Seminar, Barcelona, Spain, October 22, 2012.
- ❑ Universitat Autònoma de Barcelona, Economics Department and IAE joint Seminar, Barcelona, Spain, October 24, 2012.
- ❑ Fudan University, Industrial Economics Department Research Seminar, Shanghai, China, December 11, 2012.
- ❑ International Conference on Risk, Food, and Trade, Nagoya University, Japan, December 16, 2012.
- ❑ Kobe University, RIEB, Kanematsu Seminar, Kobe, Japan, December 17, 2012
- 2011:
  - ❑ Cornell University, Johnson Graduate School of Management and Economics Department, Applied Microeconomics Workshop, March 17.
  - ❑ Fudan University, Industrial Economics Department Research Seminar, May 24.
  - ❑ Shanghai Workshop on Industrial Organization and Competition Policy, SHUFE, June 14.
  - ❑ The 6th Conference on Industrial Economics and Economic Theory, Shandong University, June 18-19.
  - ❑ Symposium on Industrial Organization and Management Strategy, Southwestern University of Finance and Economics, June 24-25.
  - ❑ Dongbei University of Finance & Economics, Industrial Economics Seminar, July 4.
  - ❑ Research Workshop on Industrial Economics, Zhejiang University of Finance and Economics and Ministry of Education in China, November 4.
  - ❑ University of Nevada, Reno, Department of Economics Seminar, December 1.
  - ❑ 4<sup>th</sup> Industrial Organization Conference (TOI 4), Institute of Complex Engineering Systems (ISCI), Keynote Speaker, Santiago, Chile, December 13-14.
- 2010:
  - ❑ Columbia University, Economics Department, Industrial Organization Seminar, March 23.
  - ❑ University of Rochester, Simon School of Business, Industrial Organization Seminar, March 30.
  - ❑ Yonsei University, Economics Department seminar, May 14.
  - ❑ 2010 International Conference in Economic Theory, Zhejiang University, China, June 12.
  - ❑ Sun Yat-Sen University, Lingnan College seminar, June 15.
  - ❑ The Second Asian Competition Policy Workshop, Hong Kong, June 16-17.
  - ❑ Shanghai Microeconomics Workshop, Shanghai University of Economics and Finance, June 28-29.
  - ❑ 2010 UBC Summer IO Conference, Vancouver, July 16-17.
  - ❑ University of Virginia, Economics Department, Industrial Organization Seminar, August 29.
  - ❑ Georgia Institute of Technology, School of Economics Seminar, September 17.
  - ❑ University of California, Irvine, Department of Economics, Applied Microeconomics Seminar, Nov. 9.
- 2009:
  - ❑ Southern Methodist University, Economics Department Seminar, February 20.
  - ❑ International Industrial Organization Conference, Boston, April 3-5.
  - ❑ U.S. Department of Justice, Economic Analysis Group Seminar, Washington D.C., April 7.
  - ❑ Indiana University, Kelley School of Business/Department of Economics, Microeconomics Seminar, April 24.
  - ❑ Workshop on Search and the Internet, University College London, June 12.
  - ❑ 2009 Summer Workshop on Antitrust Economics and Competition Policy, Shanghai University of Finance and Economics, June 20-21.
  - ❑ 2009 International Conference in Economic Theory, Zhejiang University, China, June 27.
  - ❑ National University of Singapore, Economics Department Seminar, September 17, 2009.
  - ❑ Lingnan University, Economics Department Seminar, Hong Kong, October 9, 2009.

- Zhongnan University of Economics and Law, School of Business Workshop, Wuhan, China, October 23, 2009.
- Fudan University, School of Management Workshop, Shanghai, December 3, 2009.
- Fudan University, School of Management Workshop, Shanghai, December 17, 2009.
- 2008:
  - University of California-Riverside, Economics Department Seminar, January 25.
  - 2008 International Industrial Organization Conference, Washington, D.C., May 16-18.
  - Hong Kong University of Science and Technology, Summer Workshop in Industrial Organization, July 30-31.
  - University of Missouri-Columbia, Department of Economics Seminar, October 17.
  - Canadian Competition Bureau, Economics Seminar, October 23.
  - Emory University, Department of Economics Seminar, October 31.
- 2007:
  - 2007 ASSA meetings, Session on “Recent Developments on Antitrust Analysis”, Chicago, January 6.
  - University of Arizona, Microeconomic Theory Seminar, March 7.
  - University of Toronto, Business Economics/IO Seminar, March 19.
  - Drexel University, Economics Department Seminar, April 4.
  - 2007 International Industrial Organization Conference, Savannah, April 14-15.
  - NET Institute Conference on Network Economics, New York University, April 20.
  - Southwestern University of Finance and Economics (Chengdu, China), Research Institute of Economics & Management Seminar, May 25.
  - 2007 Summer Workshop on Asian Competition Policy, Shanghai University of Finance and Economics, May 31.
  - 2007 Summer Workshop on Industrial Organization and Management Strategy, Shanghai University of Finance and Economics, June 1-2.
  - University of Texas-Austin, Game Theory Seminar, October 17.
  - Ohio State University, Economic Theory Seminar, November 2.
- 2006:
  - Erasmus University Rotterdam, Erasmus School of Economics, Workshop on Consumer Search and Switching Costs, Rotterdam, the Netherlands, February 23.
  - Dutch Ministry of Economic Affairs and Dutch Competition Authority, Hague, the Netherlands, February 24.
  - University of Tennessee, Department of Economics Seminar, September 25.
  - Georgetown University, Microeconomic Theory Seminar, October 12.
  - University of Southern California, Microeconomic Theory/IO Seminar, October 30.
  - University College London, Microeconomic Theory Seminar, November 7.
  - Oxford University, Department of Economics Seminar, November 9.
- 2005:
  - Texas A&M University, February.
  - National Bureau of Economic Research: International Trade and Organizations Working Group Meeting, April 16.
  - Hitotsubashi University, Japan. Presented an Industrial Organization Seminar, an International Trade Seminar, and an International Trade Lecture, May 12-18.
  - Waseda University, Japan. International Trade Seminar, May 20.
  - Shanghai University of Economics and Finance. School of Economics, May 23.
  - Tsinghua University, Beijing. Department of Economics Seminar, June 7.
  - 2005 Summer Workshop on Industrial Organization and Management Strategy, Tsinghua University, June 8-9.
  - Summer Institute in Competitive Strategy, University of California-Berkeley, June 27-July 1.
  - University of Oklahoma, Department of Economics Seminar, September 30.
  - Academia Sinica, Taiwan, October 12-17.

- National Taiwan University, October 13.
- Institute of Industrial Economics (IUI, Stockholm), Sweden, November 16.
- Seminar on Pros and Cons of Price Discrimination, Swedish Competition Authority, Stockholm, November 18.
- 2004:
  - Michigan State University.
  - 2004 Summer Workshop on Industrial Organization, Peking University, China.
  - Zhejiang University of Technology, China.
  - Zhejiang University, China. Taught course, *Topics in Industrial Organization*, to graduate Students in the School of Economics.
  - The Second International Industrial Organization Conference, Northwestern University.
  - Department of Applied Mathematics, University of Colorado at Boulder.
  - Research Seminar on Competition Strategies and Customer Relations, Helsinki Center of Economic Research, Finland.
- 2003:
  - University of Melbourne, Australia.
  - University of Sydney, Australia.
  - University of Colorado at Denver.
  - The Second Annual Duke/NU/Texas Theoretical IO Conference, Northwestern University..
  - Boston University.
  - Antitrust Division, The US Department of Justice.
- 2002:
  - University of California at Berkeley.
  - The World Bank.
  - Columbia University.
  - Universitat autonoma de Barcelona /Institute of Economic Analysis (IAE), Spain.
  - Universitat Pompeu Fabra, Barcelona, Spain.
  - 11<sup>th</sup> WZB Conference on Industrial Organization, Berlin, Germany.
  - Kansas State University.
  - The Second Biennial Conference of Hong Kong Economic Association, Hong Kong.
  - Hong Kong University of Science & Technology.
  - University of Hong Kong.
- 2001:
  - The Annual Meetings of the American Economic Association.
  - Peking University, Beijing, China. Taught course, *Topics in Industrial Organization*, to graduate Students in the Guanghua School of Management.
- 2000:
  - Northwestern University.
  - Queen's University.
  - University of Toronto.
  - Institute of Industrial Economics (IUI, Stockholm).
  - Stockholm School of Economics.
  - The 8<sup>th</sup> World Congress of the Econometric Society, Seattle.
- 1999
  - The National Bureau of Economic Research: International Seminar on International Trade.
  - North American Summer Meetings of the Econometric Society.
  - Annual Meetings of the American Economic Association.
- 1998:
  - Duke University.
  - North American Summer Meetings of the Econometric Society.
  - Annual Meetings of the American Economic Association.
  - North American Winter Meetings of the Econometric Society.

- 1997
  - North American Summer Meetings of the Econometric Society.
- 1996:
  - Indian University.
  - Iowa State University.
  - University of Arizona.
  - University of Colorado.
  - Vanderbilt University.

### **Teaching Activity:**

#### Courses taught at the University of Colorado (1996-present):

- *Intermediate Microeconomics*, undergraduate course.
- *Economics in Action: Game Theory*, undergraduate course.
- *Economics in Action: Industrial Organization*, undergraduate course.
- *Industrial Organization*, undergraduate course.
- *Topics in microeconomics*, undergraduate course.
- *Microeconomic Theory 2*, Ph.D. course.
- *Advanced Economic Theory*, Ph.D. course.
- *Industrial Organization*, Ph.D. course.

#### Courses taught at Washington University in St. Louis (1992-1996):

- *Microeconomics for Managers*, taught MBA and Executive MBA students.
- *Global Economy*, taught undergraduate business students.

#### PhD Students Advised (Name; Year of Completion; Placement):

- Major advisor of:
  - Philip Gayle; 2002; Assistant Professor of Economics, Kansas State University.
  - Thitima Puttitanun; 2003; Assistant Professor of Economics, San Diego State University.
  - Seung Won Seo; 2003; Ministry of Industry and Finance, Government of South Korea.
  - Brad Graham, 2007; Assistant Professor; Grinnell College.
  - Woradee Jongadsayakul, 2006; Faculty member; Kasetsart University.
  - Jason Percy, 2007; Assistant Professor; Tulane University.
  - Samuel Raisanen, 2010; Assistant Professor; Central Michigan University.
  - Tianle Zhang, 2010; Lecturer; Hong Kong Polytechnic University.
  - Yucheng Ding, 2015; Assistant Professor, Wuhan University.
  - Xin Zhao, 2016; Assistant Professor, University of International Business and Economics.
  - Minghui Li, in progress.
- Member of Dissertation Committee for:
  - Yuwei Jia, in progress.
  - Jacob Kirsch, completed in 2019.
  - Matthew Butler, completed in 2019.
  - Li Yao, completed in 2018.
  - Alexander Hill, completed in 2017.
  - Tianxiao Zheng, completed in 2016.
  - Yuchen Shao, completed in 2014.
  - Scott Hiller, completed in 2013.
  - Christopher McMahan, completed in 2013.
  - Jieun Chang, completed in 2013.
  - Yiqing Xie; 2012; University of North Dakota.
  - Mariya Burdina; 2010.
  - Qihong Liu (Accounting); 2010; University of Missouri

- Po-Lu Chen; 2010.
- Bridget Strand; 2010.
- Megumi Nishimura; 2012.
- Yiqing Xie; 2012.
- Yen-Heng Chen; 2009.
- Nikolay Dobrinov; 2009
- Katie Sauer; 2006; Southern Indiana University.
- Kremena Platikanova-Gross; 2006; Analysis Group Consulting.
- Lei Yang; 2007.
- Kaxuhiko Yokota; 2004; Research Institute in Japan
- Ming He; 2004.
- Aaron Strong; 2004; Post-doctoral fellow, Calgary University.
- Galina An; 2003; Kenyon College
- Eina Wong; 2003; Sun Microsystems
- Dov Fischer; 2003; Assistant Professor of Accounting, Simon Fraser University
- Bill Ning; 2002; Assistant Professor of Finance, University at Albany - SUNY
- Jing Yang; 2003; Lecturer in Finance, California State University
- Changying Li; 2003; Nankai Institute of Economics, Nankai University, China
- Collin Starkweather; 2003; Economist, Lexecon
- Jared Carbone; 2003; Post-doctoral Fellow, North Carolina State University
- Robin Koenigsberg; 2000; Charles River Associates
- Antje Baerenss; 2000; European Economics
- Cathryn Marsh; 2001; Consulting
- Michael Nicholson; 2001; US Federal Trade Commission
- William Mertens; 2000; Instructor, Economics Department, CU-Boulder
- Christine McDaniel; 1999; US International Trade Commission
- Amanda Lee; 1999; Office of Budget and Management, US government
- Jin Woo Kim; 1998; Korean government
- Guifang Yang; 1998; Charles River Associates
- Mustafa Babiker; 1998; Research Associate, MIT

### **Service Activity:**

#### Editorial Services and Program Committees:

- Associate Editor, *RAND Journal of Economics*, 2012-.
- Managing Editor, *International Journal of Industrial Organization*, 2013-2019.
- Co-Editor, *International Journal of Industrial Organization*, 2011-2012.
- Associate Editor, *European Economic Review*, 2002-2012.
- Associate Editor, *Journal of Industrial Economics*, 2004-2010.
- Associate Editor, *Quantitative Marketing and Economics*, 2010-2013.
- Editorial Advisor, *Canadian Journal of Economics*, 2005-2008.
- Editorial Board Member, *Annals of Economics and Finance*, 2000-.
- Editorial Board Member, *Frontiers of Economics in China*, 2011-.
- Program Committee Member, the International Industrial Organization Conference (IIOC): 12<sup>th</sup> Annual IIOC, Chicago, April 2014; 11<sup>th</sup> Annual IIOC, Boston, May 2013; 10<sup>th</sup> Annual IIOC, Arlington, VA, March 2012; 9<sup>th</sup> Annual IIOC, Boston, April 2011; 8<sup>th</sup> Annual IIOC, Vancouver, Canada, May 2010.; 7<sup>th</sup> Annual IIOC, Boston, April 2009.
- Scientific Committee Member: 39<sup>th</sup> Annual Conference of the European Association for Research in Industrial Economics (EARIE), September 2012, Rome, Italy.

- Program Committee Member, Eighteenth Annual Berkeley/Columbia/Duke/MIT/Northwestern IO Theory Conference, November 23-24, 2019.
- Program Chair, Annual International Conference on Industrial Economics, Zhejiang University, June, 2011-2019, Hangzhou, China.
- Co-Organizer, UIBE (Annual) Workshop on Industrial Organization and Competition Policy, Beijing, March, 2015-2019.
- Organizer, 7<sup>th</sup> Workshop on Consumer Search and Switching Costs, May 2106.
- Panel Member, Hong Kong Research Grants Council, 2014-2019.

Referee/reviewer for:

*American Economic Review, Canadian Journal of Economics, Econometrica, Economic Inquiry, Economic Journal, Economic Theory, European Economic Review, Games and Economic Behavior, International Economic Review, International Journal of Industrial Organization, International Review of Law and Economics, Japanese Economic Review, Journal of Economics, Journal of Economic Behavior and Organization, Journal of Economics and Management Strategy, Journal of Economic Theory, Journal of Industrial Economics, Journal of International Economics, Journal of Institutional and Theoretical Economics, Journal of Law, Economics, & Organization, Journal of Political Economy, Journal of Public Economic Theory, Management Science, Marketing Science, Quarterly Journal of Economics, RAND Journal of Economics, Review of Economic Studies, Review of International Economics, Scandinavian Journal of Economics, U.S. National Science Foundation, Hong Kong Research Grants Council, Israel Science Foundation, Swiss Science Foundation, Chinese Ministry of Education, Addison-Wesley-Longman, Inc., W.W. Norton & Company, Inc.*

Service Work at the Department of Economics, University of Colorado Boulder:

- Chair, Microeconomics Recruiting Committee, 2019-2020.
- Member, PUEC, 2014, 2016, 2019, 2020.
- Member, Graduate Curriculum Committee, 2018-21.
- Member, Graduate Admissions Committee, 2011-2013.
- Chair, Faculty Recruiting Committee, 2010-2011.
- Member, Executive Committee, 2008-2009.
- Member, Mentoring Committee, 2007-2008, 2016-2017, 2017-18.
- Member, Research/Awards Committee, 2007-2008.
- Chair, Microeconomics Recruiting Committee, 2006-07.
- Associate Chair and Director of Graduate Studies, 2003-2006.
- Member (ex officio), Graduate Admissions Committee, Graduate Curriculum Committee, Executive Committee, 2005-06.
- Member, Recruiting Committee, Graduate Admissions Committee, Graduate Curriculum Committee, 2004-05.
- Member, Recruiting Committee, Graduate Admissions Committee, Outcomes Assessment Committee, Program Review Self-Study Committee, 2003-04.
- Seminar Director, 2000-2002.
- Chair, Graduate Admissions Committee, 1999-02.
- Acting Department Chair, Summer 2001.
- Chair (1999-2000), Member (1996-1999, 2016-17, 2017-18, 2018-19, 2019-2020), Graduate Curriculum and Review Committee.
- Chair, ad hoc Committee on Intermediate Microeconomics, 1998-99.
- Member, Research Committee, 1997-98.

Other Service Work at the University of Colorado at Boulder:

- Member, Vice Chancellor's Advisory Committee (The Campus Committee on Faculty Appointment, Promotion, and Tenure), University of Colorado Boulder, 2012-2014.
- Member, Provost's Advisory Committee, University of Colorado Boulder, 2014, 2016.
- Member, Salary Equity Appeals Committee, University of Colorado Boulder, 2015.
- Member, Dean's Personnel Advisory Committee, Leeds School of Business, University of Colorado Boulder, 2012; 2013-14; 2019.
- Member, Search Committee for Associate Vice Provost for Faculty Affairs, University of Colorado Boulder, Fall 2017.