

# Fuqiang Zhang

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Olin Business School  
Washington University in St. Louis  
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## APPOINTMENTS

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- 2019- **Dan Broida Professor of Supply Chain, Operations, and Technology**  
Olin Business School, Washington University in St. Louis
- 2015- **Professor of Operations and Supply Chain Management**  
2019 Olin Business School, Washington University in St. Louis
- 2010- **Associate Professor of Operations and Supply Chain Management (with tenure)**  
2015 Olin Business School, Washington University in St. Louis
- 2007- **Assistant Professor of Operations and Supply Chain Management**  
2010 Olin Business School, Washington University in St. Louis
- 2004- **Assistant Professor of Operations and Decision Technologies**  
2007 Merage School of Business, University of California at Irvine
- 2007 **Visiting Professor**  
01-04 Haas School of Business, University of California at Berkeley

## EDUCATION

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- 2004 **The Wharton School, University of Pennsylvania, Philadelphia**  
Ph.D. in Managerial Science & Applied Economics
- 2001 **Simon School of Business, University of Rochester, Rochester**  
M.S. in Management Science
- 1999 **National University of Singapore, Singapore**  
M.Eng. in Industrial & Systems Engineering
- 1995 **Xi'an Jiao Tong University, Xi'an, China**  
B.S. in Electrical Engineering

## RESEARCH INTERESTS

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Supply chain innovation  
Data-driven operations management  
Energy, environment, and sustainability

## PUBLICATIONS

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- *The Impacts of Algorithmic Work Assignment on Fairness Perceptions and Productivity: Evidence from Field Experiments.* (With B. Bai, H. Dai, D. Zhang) Forthcoming in ***Manufacturing & Service Operations Management***.
- *Brand Spillover as a Marketing Strategy.* (With X. Wu and Y. Zhou) Forthcoming in ***Management Science***.
- *3D Printing and Product Assortment Strategy.* (With Z. Liu and D. Zhang) Forthcoming in ***Management Science***.
- *Optimal Bundling Strategy for a Retail Platform Under Agency Selling.* ***Production and Operations Management*** 30(7) 2273-2284, 2021.
- *Information Sharing on Retail Platforms.* (With Z. Liu and D. Zhang) Forthcoming in ***Manufacturing & Service Operations Management*** 23(3) 606-619, 2020.
- *Evolution of Operations Management Research: From Managing Flows to Building Capabilities.* (With X. Wu, C. Tang, T. Feng, and Y. Dai) ***Production and Operations Management*** 29(10) 2219-2229, 2020.
- *20 Years in the Making: The Evolution of the Journal of Manufacturing and Service Operations Management.* (With Y. Dai, T. Feng, X. Wu, C. Tang) ***Manufacturing & Service Operations Management*** 22(1) 1-10, 2020.
- *Strategic Sourcing under Competition and Asymmetric Cost Information.* (With L. Shao and X. Wu) ***Production and Operations Management*** 29(2) 447-461, 2020.
- *Responsive Pricing of Fashion Products: The Effects of Demand Learning and Strategic Consumer Behavior.* (With Y. Aviv and M. Wei) ***Management Science*** 65(7) 2982-3000, 2019.
- *Service Outsourcing: Capacity, Quality and Correlated Costs.* (With T. Feng and J. Ren) ***Production and Operations Management*** 28(3) 682-699, 2018.
- *Trade-In Remanufacturing, Customer Purchasing Behavior, and Government Policy.* (With R. Zhang) ***Manufacturing & Service Operations Management*** 20(4) 601-616, 2018. This paper received the 2015 finalist award in the POMS College of Supply Chain Management best student paper competition.
- *Advance Selling to Strategic Consumers: Preorder Contingent Production Strategy with Advance Selling Target.* (With M. Wei) ***Production and Operations Management*** 27(7) 1221-1235, 2018.
- *Simple Contracts to Assure Supply under Noncontractible Capacity and Asymmetric Cost Information.* (With E. Bolandifar and T. Feng) ***Manufacturing & Service Operations Management*** 20(2) 217-231, 2018.
- *Carbon emissions abatement: Emissions trading vs consumer awareness.* (With W. Wen and P. Zhou) ***Energy Economics*** 76 34-47, 2018.
- *To Share or Not to Share: Demand Forecast Sharing in a Distribution Channel.* (With B. Jiang, L. Tian, Y. Xu) ***Marketing Science*** 35(5) 800-809, 2016.
- *Contracting for On-Time Delivery in the U.S. Influenza Vaccine Supply Chain.* (With T. Dai and S.H. Cho) ***Manufacturing & Service Operations Management*** 18(3) 332-346, 2016.

This paper received the Runner-up Award in the William Pierskalla Best Paper Competition, INFORMS Health Applications Society, 2012.

- *Delegation versus Control in Supply Chain Procurement under Competition.* (With E. Bolandifar and P. Kouvelis) ***Production and Operations Management*** 25(9) 1528-1541, 2015.
- *Dynamic Capacity Management with General Upgrading.* (With Y. Yu and X. Chen) ***Operations Research*** 63(6) 1372-1389, 2015.  
This paper received the CSAMSE Conference Best Paper Award, 2014.
- *An Empirical Investigation of Dynamic Ordering Policies.* (With C. Larson and D. Turcic) ***Management Science*** 61(9) 2118-2138, 2015.
- *A Method for Analyzing Pollution Control Policies: Application to SO<sub>2</sub> Emissions in China.* (With X. Li and X. Wu) ***Energy Economics*** 49 451- 459, 2014.
- *Home or Overseas? An Analysis of Sourcing Strategies under Competition.* (With X. Wu) ***Management Science*** 60(5) 1223-1240, 2014.  
This paper received the CSAMSE Conference Best Paper Award, 2011.
- *The Impact of Modular Assembly on Supply Chain Efficiency.* (With T. Feng) ***Production and Operations Management*** 23(11) 1985-2001, 2014.
- *Outsourcing Competition and Information Sharing with Asymmetrically Informed Suppliers.* (With X. Zhao and L. Xue) ***Production and Operations Management*** 23(10)1706-1718, 2014.
- *Advance Demand Information, Price Discrimination, and Pre-order Strategies.* (With C. Li) ***Manufacturing & Service Operations Management*** 15(1) 57-71, 2013.
- *Procurement Mechanism Design in a Two-Echelon Inventory System with Price-Sensitive Demand.* ***Manufacturing & Service Operations Management*** 12(4) 608-626, 2010.
- *Effect of Supply Reliability in a Retail Setting with Joint Marketing and Inventory Decisions.* (With S. Liu and R. So) ***Manufacturing & Service Operations Management*** 12(1) 19-32, 2010.
- *On the Value of Commitment and Availability Guarantees When Selling to Strategic Consumers.* (With X. Su) ***Management Science*** 55(5) 713-726, 2009.
- *Dynamic Capacity Management with Substitution.* (With R. Shumsky) ***Operations Research*** 57(3) 671-684, 2009.
- *Strategic Customer Behavior, Commitment, and Supply Chain Performance.* (With X. Su) ***Management Science*** 54(10) 1759-1773, 2008. This paper received Honorable Mention in INFORMS Junior Faculty Paper Competition, 2006.
- *Obtaining Fast Delivery in a Queueing System via Performance-Based Allocation of Demand.* (With G.P. Cachon) ***Management Science*** 53(3) 408-420, 2007.
- *Competition, Cooperation and Information Sharing in a Two-echelon Assembly System.* ***Manufacturing & Service Operations Management*** 8(3) 273-291, 2006.
- *Procuring Fast Delivery: Sole-sourcing with Information Asymmetry.* (With G.P. Cachon) ***Management Science*** 52(6) 881-896, 2006.
- *Positive vs. Negative Externalities in Inventory Management: Implications for Supply Chain Design.* (With S. Netessine) ***Manufacturing & Service Operations Management*** 7(1) 58-73, 2005.

- *Methodological Issues in Cross Country/Region Decomposition of Energy and Environment Indicators.* (With B.W. Ang) *Energy Economics* 23(2) 179-190, 2001.
- *A Decomposition Technique for Quantifying Real Process Performance.* (With B.W. Ang) *Production Planning and Control* 11(4) 314-321, 2000.
- *A Survey of Index Decomposition Analysis in Energy and Environmental Studies.* (With B.W. Ang) *Energy* 25(12) 1149-1176, 2000.
- *Inter-regional Comparisons of Energy-related CO2 Emissions Using the Decomposition Technique.* (With B.W. Ang) *Energy* 24(4) 297-305, 1999.
- *Factorizing Changes in Energy and Environmental Indicators through Decomposition.* (With B.W. Ang) *Energy* 23(6) 489-495, 1998.

## BOOK CHAPTERS

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*Research Developments of Strategic Customer Behavior in Operations Management.* (With M. Wei) Invited for the *Surveys in Operations Research and Management Science* (later incorporated into the *Computers and Operations Research* journal).

*Supply Contracting under Information Asymmetry and Delivery Performance Consideration.* *Supply Chain Disruptions: Theory and Practice of Managing Risk*, edited by H. Gurnani, A. Mehotra, and S. Ray.

*Supply Chain Coordination.*

*Encyclopedia of Operations Research and Management Science*, edited by James J. Cochran

*Strategic Customer Behavior and the Benefit of Decentralization.*

*Operations Management Models with Customer-Driven Demand*, edited by S. Netessine and C.S. Tang.

## WORKING PAPERS

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*Effect of Consumer Awareness on Corporate Social Responsibility under Asymmetric Information.* (With X. Guo and G. Xiao) Under review at *Marketing Science*.

*Bai, B., Dai, H., D. Zhang, F. Zhang. The Impacts of Algorithmic Work Assignment on Fairness Perceptions and Productivity: Evidence from Field Experiments.* Under minor revision at *Manufacturing & Service Operations Management*.

*Inventory Commitment and Monetary Compensation Under Competition.* (With J. Lei, Y. Yu, R. Zhang) Under revision at *Manufacturing & Service Operations Management*.

*Crowdfunding under Social Learning and Network Externalities.* (With F. Xu) Under revision at *Management Science*.

*Crowdfunding vs. Bank Financing: Market Uncertainty and Word-of-Mouth Effect.* (With F. Xu, G. Xiao) Under review at *Manufacturing & Service Operations Management*.

*The Impact of Capacity Constraint and Consumer Heterogeneity on Service Differentiation.* (With G. Xiao and Y. Yu) Under revision.

*Quick Response Under Strategic Manufacturer.* (With J. Chen, D. Shi, and Q. Hu) Under review at *Manufacturing & Service Operations Management*.

*The Bright Side of Price Volatility in Global Commodity Procurement.* (with W.Xin and L. Liu) Under review at *Management Science*.

## WORK-IN-PROGRESS

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*Managing a Multi-Component Assembly System with Corporate Social Responsibility Consideration.* (With X. Guo, Y. Kuang, G. Xiao)

*Product Line Design with 3D Printing.* (With D. Shi)

*Consumer Privacy and Retail Platform Operations.* (With X. Wang, F. Xu)

*The Value of Logistic Flexibility.* (With B. Bai, D. Zhang)

## HONORS AND AWARDS

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Ranked 39<sup>th</sup> across the world based on total number of papers published in the four top journals of operations management over the 15-year period of 2001–2015 (“OM Research: Leading Authors and Institutions”, *Decision Sciences*, May 2020)

Research Grant for “Precision Operations Management Research” (with Tianjun Feng), National Natural Science Foundation of China (No. 71929201), 2019

Yangtze River Scholar Award, Ministry of Education of China, 2018

Research Grant for “Data Driven Research in Supply Chain Management” (with Tianjun Feng), National Natural Science Foundation of China (No. 71628203), 2016

Second Prize, Best Paper Award at the Conference of Chinese Scholars Association in Management Science and Engineering (CSAMSE), 2016

Research Grant for “Managing Compact Storage System Supply Chains in the Internet of Things Environment” (with Yugang Yu and René De Koster), National Natural Science Foundation of China (No. 71520107002), 2015

First Prize, Best Paper Award at the Conference of Chinese Scholars Association in Management Science and Engineering (CSAMSE), 2014

Runner-up Award, William Pierskalla Best Paper Competition, INFORMS Health Applications Society, 2012

Research Grant for “Sourcing Strategies under Competition - A Study Motivated by the Backshoring Phenomenon” (with Xiaole Wu), National Natural Science Foundation of China (No. 71201036), 2012

First Prize, Best Paper Award at the Conference of Chinese Scholars Association in Management Science and Engineering (CSAMSE), 2011

Wickham Skinner Early-Career Research Accomplishments Award, Production and Operations Management Society (POMS), 2009

Meritorious Service Award, *Manufacturing & Service Operations Management*, 2006, 2009, 2011

Distinguished Service Award, *Management Science*, 2009, 2010

Research Grant, Boeing Center for Technology, Information and Manufacturing, 2008

Honorable Mention, INFORMS Junior Faculty Paper Competition, 2006

Young Researcher Roundtable Nominee, INFORMS Conference on OR/MS Practice, 2005

Outstanding Scholar Award, Wharton School, University of Pennsylvania, 2003

INFORMS Doctoral Colloquium Nominee, 2003  
CIBER Grant for International Business Research, University of Pennsylvania, 2002  
Fellowship, Wharton School, University of Pennsylvania, 2001-04  
Fellowship, Simon School of Business, University of Rochester, 1999-01  
Gold Medal, National Science and Technology Board, Singapore, 1999  
First Prize Scholarship, Shanghai Jiaotong University, China, 1997  
First Prize Scholarship, Xi'an Jiao Tong University, China, 1991

## CONFERENCES AND WORKSHOPS

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Keynote Speaker, Workshop on Digital Operations and Platform Governance, Fudan University, December 20, 2019  
INFORMS Annual Meeting, Seattle, WA, October 20-23, 2019  
Conference of the Chinese Scholars Association in Management Science and Engineering (CSAMSE), Chengdu, July 13-15, 2019  
Keynote Speaker, POMS International Conference, Tianjin, China, June 21-24, 2019  
Keynote Speaker, Annual Meeting of the Institute of Supply Chain and Operations Management, Dalian, China, June 21-23, 2019  
Conference of the Chinese Scholars Association in Management Science and Engineering (CSAMSE), Ningbo, July 14-15, 2018  
Keynote Speaker, Annual Meeting of Stochastic Service and Operations Management, Operations Research Society of China, Hefei, July 5-7, 2019  
Workshop on Data Driven Innovation in Business Operations, Fudan University, July 18, 2018  
Workshop on Data Driven Logistics and Supply Chain Management, JD.com and University of Science and Technology of China, July 11, 2018  
Supply Chain Finance & Risk Management Workshop, Washington University in St. Louis, May 13, 2018  
Conference of the Chinese Scholars Association in Management Science and Engineering (CSAMSE), Guangzhou, July 15-17, 2017  
MSOM Conference, University of North Carolina, Chapel Hill, June 19-21, 2017  
Keynote Speaker, The 3rd workshop on Frontier Modeling of Energy and Environment (FMEE), Nanjing, May 12-14, 2017  
Keynote Speaker, Workshop for Management Science and Engineering, Shanghai University, June 27-28, 2016  
Keynote Speaker, Research Center of Business Analytics and Operations Innovation, Fudan University, January 7, 2016  
Conference of the Chinese Scholars Association in Management Science and Engineering (CSAMSE), Hefei, July 16-17, 2016

Conference of the Chinese Scholars Association in Management Science and Engineering (CSAMSE), Shenyang, July 25-26, 2015

Keynote Speaker, Workshop for OM Research and Teaching, Shanghai Maritime University, July 17, 2015

Keynote Speaker, OM Research Workshop, Shanghai Jiaotong University, July 14-15, 2015

Keynote Speaker, Annual Meeting of Stochastic Service and Operations Management, Operations Research Society of China, Beijing, July 1-2, 2015

Keynote Speaker, Mostly OM Workshop, Tsinghua University, Beijing, June 12-13, 2015

INFORMS Annual Meeting, San Francisco, CA, November 9-12, 2014

Conference of the Chinese Scholars Association in Management Science and Engineering (CSAMSE), Hohhot, July 26-July 27, 2014

MSOM Conference, University of Washington, Seattle, WA, June 20-21, 2014

INFORMS Annual Meeting, Minneapolis, MN, October 6-9, 2013

INFORMS Annual Meeting, Phoenix, AZ, October 14-17, 2012

Conference of the Chinese Scholars Association in Management Science and Engineering (CSAMSE), Suzhou, June 30-July 1, 2012

INFORMS International Conference, Beijing, June 24-27, 2012

POMS Annual Conference, Chicago, IL, April 20-23, 2012

INFORMS Annual Meeting, Charlotte, NC, November 13-16, 2011

Conference of the Chinese Scholars Association in Management Science and Engineering (CSAMSE), Tianjin, July 23-24, 2011

MSOM Conference, University of Michigan, Ann Arbor, June 26-28, 2011

INFORMS Annual Meeting, Austin, TX, November 7-10, 2010

MSOM Conference, Massachusetts Institute of Technology, Boston, MA, June 28-30, 2009

INFORMS Annual Meeting, Washington DC, October 12-15, 2008

Inaugural Conference of the Chinese Scholars Association in Management Science and Engineering (CSAMSE), Shanghai, July 4-5, 2008

MSOM Conference, University of Maryland, College Park, MD, June 5-6, 2008

INFORMS Annual Meeting, Seattle, WA, November 3-7, 2007

INFORMS International Conference, Hong Kong, June 25-28, 2006

MSOM Conference, Georgia Institute of Technology, Atlanta, GA, June 19-20, 2006

INFORMS Annual Meeting, San Francisco, CA, November 13-15, 2005

MSOM Conference, Northwestern University, Chicago, IL, June 27-28, 2005

INFORMS Annual Meeting, Denver, CO, October 23-27, 2004

INFORMS Meeting, Atlanta, GA, October 19-22, 2003

MSOM Conference, University of Southern California, Los Angeles, CA. June 16-17, 2003

## INVITED SEMINARS AT ACADEMIC INSTITUTIONS

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University of Michigan, 2021  
University of Science and Technology of China, Hefei, 2021  
University of Science and Technology of China, Hefei, 2020  
University of Science and Technology of China, Hefei, 2019  
University of California, Riverside, 2019  
Chinese University of Hong Kong, Business School, 2018  
Xi'an Jiaotong University, School of Management, 2018  
Tongji University, School of Management, 2017  
South China University of Technology, School of Management, 2017  
University of Utah, Eccles School of Business, 2017  
University of Washington, Foster School of Business, 2017  
New York University, Stern School of Business, 2017  
City University of New York, Baruch School of Business, 2017  
Hong Kong Polytechnic University, School of Business, 2017  
City University of Hong Kong, School of Business, 2017  
Purdue University, Krannert School of Management, 2017  
Tianjin University, College of Management and Economics, 2016  
Nankai University, School of Business, 2016  
Nanjing Univ. of Aeronautics and Astronautics, College of Management, 2016  
Johns Hopkins University, Carey Business School, 2016  
Duke University, Fuqua School of Business, 2016  
Boston College, Carroll School of Management, 2016  
University of Maryland, Smith School of Business, 2016  
University of Science and Technology of China, School of Management, 2015  
Tsinghua University, School of Economics and Management, 2015  
Peking University, Guanghua School of Management, 2015  
Fudan University, School of Management, 2015  
University of Cambridge, Judge Business School, 2015  
London Business School, 2015  
University College London, Management Science and Innovation, 2015  
University of California at San Diego, Rady School of Management, 2014  
University of California at Irvine, Merage School of Business, 2014  
University of California at Berkeley, Haas School of Business, 2014  
University of Michigan, Ross School of Business, 2014  
University of Science and Technology of China, School of Management, 2014  
Fudan University, School of Management, 2014  
University of Hong Kong, School of Business, 2013  
Hong Kong University of Science and Technology, Business School, 2013  
Chinese University of Hong Kong, Business School, 2013  
Georgetown University, McDonough School of Business, 2013  
Nanjing University, School of Management and Engineering, 2012



Fudan University, School of Management, 2012  
INSEAD, 2010  
University of Southern California, Marshall School of Business, 2010  
Purdue University, Krannert School of Management, 2010  
Carnegie Mellon University, Tepper School of Business, 2010  
McGill University, Desautels Faculty of Management, 2009  
University of North Carolina at Chapel Hill, Kenan-Flagler Business School, 2009  
University of Texas at Austin, McCombs School of Business, 2009  
University of British Columbia, Sauder School of Business, 2009  
Northwestern University, Kellogg School of Management, 2009  
Duke University, Fuqua School of Business, 2009  
Fudan University, School of Management, 2008  
University of Illinois at Urbana Champaign, College of Engineering, 2008  
Washington University in St. Louis, Olin Business School, 2007  
Hong Kong University of Science and Technology, Business School, 2006  
Washington University in St. Louis, Olin Business School, 2006  
Shanghai Jiao Tong University, Antai School of Management, 2006  
University of California at Berkeley, Haas School of Business, 2005  
University of California at Irvine, Merage School of Business, 2005  
University of California at Riverside, Anderson Graduate School of Management, 2005  
Columbia University, Graduate School of Business, 2004  
Northwestern University, Kellogg School of Management, 2004  
University of California at Irvine, Merage School of Business, 2004  
New York University, Stern School of Business, 2004  
Cornell University, Johnson Graduate School of Management, 2004

## DOCTORAL SUPERVISION

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Fasheng Xu (2019, co-advisor, first placement: Syracuse University)  
Seung Hwan Jung (2017, co-advisor, first placement: Texas A&M University-Kingsville)  
Phillip Renyu Zhang (2016, co-advisor, first placement: NYU Shanghai)  
Yueshan Yu (2014, advisor, first placement: Amazon)  
Mike Mingcheng Wei (2014, co-advisor, first placement: SUNY Buffalo)  
Ehsan Bolandifar (2012, co-advisor, first placement: Chinese Univ. of Hong Kong)  
Xiaole Wu (2011, committee member, first placement: Fudan University, China)  
Haiyan Wang (2009, committee member, first placement: Hewlett-Packard Labs)  
Shaoxuan Liu (2008, committee member; first placement: Shanghai Jiaotong Univ., China)  
Tianjun Feng (2008, co-advisor; first placement: Fudan University, China)

## ACADEMIC SERVICES

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Department Editor for *Journal of Management Science and Engineering* (a premier research journal founded by the National Natural Science Foundation of China)

Associate Editor for *Manufacturing & Service Operations Management*

Associate Editor for *Management Science*

Associate Editor for *Omega-The International Journal of Management Science*

Committee member for Wickham Skinner Early Career Research Accomplishments Award, 2018

VP of Meetings, MSOM Society 2011-12

Secretary/Treasurer, MSOM Society 2010- 11

Nominee for Supply Chain Management SIG Chair, 2012

Program Committee Member for IIE Asian Conference 2012

Program Committee for the CSAMSE Conference 2013-19

Invited Panel Speaker for INFORMS Future Academician Colloquium, 2011

Judge for the MSOM 2021-2022 Data Driven Research Challenge 2022

Judge for Small Business School Challenge (SBSC) 2021

Judge for MSOM Student Paper Competition, 2006-16

Judge for MSOM Best Paper, 2011-19

Judge for Nicolson Student Paper Competition, 2011

Judge for Pierskalla Award Competition, 2013, 2016

Judge for POM Supply Chain Student Paper Competition, 2012-22

Reviewer for MSOM Conference, 2008- 2012

Reviewer for MSOM Supply Chain SIG Conference, 2011-14

Reviewer for MSOM Sustainability SIG Conference, 2014-15

Reviewer for MSOM Service SIG Conference, 2011-13

Reviewer for MSOM iFORM SIG Conference, 2011

Reviewer for National Science Foundation (NSF)

Reviewer for Israel Science Foundation

Reviewer for Austrian Science Fund (FWF)

Reviewer for Hong Kong Research Grant Council

Discussant for Special Interest Group (SIG) Meetings at the MSOM Conference, 2009

Co-organizer of the mini-conference “Customer-Oriented Operations Models” (Olin Business School, Washington University in St. Louis, October 19-20, 2007)

Cluster Chair for MSOM Sponsored Sessions, Informs Annual Meeting, 2010

Program Officer, Chinese Scholars Association for Management Science and Engineering (CSAMSE), 2015-2019

Vice President, Chinese Scholars Association for Management Science and Engineering (CSAMSE), 2019-

Program Committee Member, Conference of Chinese Scholars Association in Management Science and Engineering (CSAMSE), 2014-2019

Co-chair for the Young Scholar Colloquium at Conference of Chinese Scholars Association in Management Science and Engineering (CSAMSE), 2012-18

Session chair for INFORMS International Conference, 2006, 2012

Session chair for INFORMS Annual Meeting, 2005-19

Reviewer for *Management Science*, *Manufacturing & Service Operations Management*, *Operations Research*, *Marketing Science*, *Production and Operations Management*, *Journal of Operations Management*, *Naval Research Logistics*, *MIS Quarterly*, *European Journal of Operational Research*, *Decision Sciences*, *IEEE Transactions*, *International Journal of Production Economics*, *International Journal of Operations and Production Management*, *Journal of Industrial and Management Optimization*

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## INDUSTRY AND COMMUNITY SERVICES

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Keynote speaker, Sustainability Event at Monsanto Company, 2015

Participant, Investing in Manufacturing Communities Partnership (IMCP), St. Louis, 2015

Consultant for Medtronic Inc., 2003. (Designed distribution channel and replenishment strategies for medical products; with G.P. Cachon and C. Terwiesch)

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## MEDIA MENTIONS

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"Sourcing in China vs. Sourcing in Southeast Asia", *21st Century Business Herald*, Dec. 1, 2016

"Wash U Professor Has a Business Solution for Flu Vaccine Shortages", *St. Louis Public Radio*, Mar. 1, 2016

"Study Shows Flu Vaccine Distribution Model Needs Improvement", *Vaccine News Daily*, Feb. 23, 2016

"How Should the Pollution Tax Be Adjusted", *Technology Daily of China*, Jan. 2, 2016

"Flu Vaccine Supply Chain Changes Needed to Stop Shortages", *Pharmacy Times*, Dec. 30, 2015

"Study Offers Remedy to Flu Vaccine Delivery Problems", *Science Daily*, Dec. 10, 2015

"What's Really the Cheapest Shore? Why Nearshore, and How Do You Decide?" *E2open*, Jan. 27, 2012

"When Offshoring Backfires", *VOX*, Nov. 11, 2011

"When Offshoring Is No Longer A Good Idea", *Business Insider*, Nov. 7, 2011

Research on energy and environmental systems has been cited and adopted by national energy agencies and international organizations, including Australia, Canada, New Zealand, the U.S., and the World Bank.

## PROFESSIONAL AFFILIATIONS

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INFORMS (Institute for Operations Research and the Management Sciences)  
MSOM (Manufacturing & Service Operations Management Society)  
POMS (Production and Operations Management Society)  
IIE (Institute of Industrial Engineers, Senior Member)  
IEEE (Institute of Electrical and Electronics Engineers, Senior Member)

## TEACHING

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### **Olin Business School, Washington University in St. Louis**

OMM750 Managing Operations (Olin-Fudan EMBA), 2016-  
MGT560Q Implementing Strategy through Global Operations (MBA Reboot Course), 2019-  
OMM558 Advanced Operations Strategy (MBA, PMBA, and MSSCM), 2011-  
OMM653 Stochastic Models for Production and Service Systems (Ph.D.), 2010  
OMM657 Research Topics in Supply Chain Management (Ph.D.), 2009-  
MGT490/491 Honors Seminar (Undergraduate), Fall 2009  
OSCM356 Operations Management (Undergraduate core), Spring 2008- 10; Fall 2011-15

### **Merage School of Business, University of California at Irvine**

MGMT201B Management Science (MBA core), Spring 2005-07  
MGMT285 Supply Chain Management (MBA elective), Spring 2006-07  
F285 Supply Chain management (Fully-Employed MBA), Spring 2007  
MGMT290 Operations Management Seminar (Ph.D. Seminar), Winter 2006  
MGMT183 Quantitative Methods in Management (Undergraduate core), Winter 2005

## SCHOOL SERVICES

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### **Olin Business School, Washington University in St. Louis**

Associate Dean & Academic Director of MBA Program, 2021-  
Chair of the MBA Program Committee, 2018-  
Member of the MBA Program Committee, 2016-  
OMM Area Co-Chair, 2015-  
University Judicial Board, 2015-  
BSBA Program Committee Member, 2010-17  
Dean's Scholarship Selection Committee Member, 2014  
BSBA Associate Dean Search Committee Member, 2012  
Assurance of Learning Committee Member, 2012-14  
Operations Seminar Coordinator, 2009-11  
Disciplinary Committee Member, 2008-09

**Merage School of Business, University of California at Irvine**

Ph.D. Committee Member, Fall 2006

Operations and Decision Technologies (ODT) Area Coordinator, Fall 2005

Operations Seminar Coordinator, 2004-06

Updated Jan, 2022