

# Li Jiang

## Professor

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### Academic Employment

Professor, July 2017 – present  
Associate Professor, July 2012 – June 2017  
Assistant Professor, January 2007 – June 2012  
Department of Logistics and Maritime Studies  
Faculty of Business, The Hong Kong Polytechnic University

### Education

University of Michigan, Stephen M. Ross School of Business, Ann Arbor, MI, USA  
Ph.D., Operations and Management Science, April 29, 2007  
Dissertation: *Matching Supply with Demand in Decentralized Multi-Location Systems*  
Supervisor: Ravi Anupindi  
Committee: William Lovejoy, Volodimir Babich, Sugato Bhattacharyya  
Executive Education Certificate, Management of Managers, July 29, 2005

### Research Interests

Data-driven operations; information sharing; credence goods market; consumer search; behavioral operations; sharing economy platform

### Selected Publications

Xu, L., **L. Jiang**, Y. Zheng, “A Robust Data-Driven Approach for Newsvendor Problem with Non-parametric Information”, *Manufacturing & Service Operations Management*, Forthcoming.  
Hao, Z., **L. Jiang**, “An Investigation into Direct Selling: Information Flow and Supply Chain Structure”, *Production and Operations Management*, Forthcoming.  
Cai, D., **L. Jiang**, “The Bright and Dark Sides of Customer Switching”, *Production and Operations Management*, 29 6, 2020, 1381-1396.  
Qiu, Q., **L. Jiang**, “How to Deal with Consumers who Group to Request a Discount?” *Naval Research Logistics*, 66 6, 2019, 469-484.  
Li, L., **L. Jiang**, “Horizontal Subcontracting From Competitors: When and What?” *Production and Operations Management*, 27 7, 2018, 1320-1333.  
Hao, Z., **L. Jiang**, “Impacts of Sequential Acquisition, Market Competition Mode and Confidentiality on Information Flow”. *Naval Research Logistics*, 65 5, 2018, 135-159.  
**Jiang, L.**, Z. Hao, “Incentive-driven Information Dissemination in Two-tier Supply Chains”. *Manufacturing & Service Operations Management*, 18 3, 2016, 393-413.  
**Jiang, L.**, “Managing Supplier Competition and Sourcing Sequence for Component Manufacturing”. *Production and Operations Management*, 24 2, 2015, 287-310.  
**Jiang, L.**, “On the Effects of Capacity Agent on Market Equilibrium”. *Production and Operations Management*, 22 3, 2013, 676-690.  
**Jiang, L.** “The Implications of Postponement Strategies on Contract Design and Channel Performance”. *European Journal of Operational Research*. 216 2, 2012, 356-366.

Li, L., **L. Jiang**, L. Liu, “Service and Price Competition When Customers Are Naïve”. *Production and Operations Management*. 21 4, 2012, 747-760.

**Jiang, L.**, R. Anupindi, “Customer-driven vs. Retailer-driven Search: Channel Performance and Implications”. *Manufacturing & Service Operations Management*, 12 1, 2010, 102-119.

**Jiang, L.**, Y. Wang, “Supplier Competition in Decentralized Assembly Systems with Price-Sensitive and Uncertain Demand”. *Manufacturing & Service Operations Management*. 12 1, 2010, 93-101.

Anupindi, R., **L. Jiang**, “Capacity Investment under Postponement Strategies, Competition, and Demand Uncertainty”. *Management Science*, 54 11, 2008, 1876-1890.

Wang, Y., **L. Jiang**, Z. Shen, “Channel Performance under Consignment Contract with Revenue Sharing”. *Management Science*, 50 1, 2006, 34-47.

### **Funded Projects/Grants**

“Dynamic Bundling for Revenue Management”, General Research Fund (GRF PolyU 155035/19B) by Hong Kong Government University Grants Committee, Co-I, with YE, Hengqing, HKD 465K, 2019-22.

“Study on Resource Allocation and Operations Management in Sharing Economy Environment”. National Natural Science Foundation of China (Key Project, NSFC 71832011), Co-I, with LI, Gang, RMB 2.35M (HKD 2.7M), 2019-2023.

“Information Asymmetry in Service Industries: Market Efficiency and Policy Implications”. National Natural Science Foundation of China (NSFC 71772157), PI, RMB 480K (HKD 550K), 2018-2021.

“Omni-channel – The Next Wave of Supply Chain Evolution”, General Research Fund (GRF PolyU 155012/17B) by Hong Kong Government University Grants Committee, PI, HKD 373K, 2017-20.

“Integrating Collaborative Consumption Channel with Intermediary Selling Channel”, Joint supervision scheme with the Chinese Mainland, Taiwan and Macao Universities. Co-supervisor for Xi’an Jiao Tong University, HKD 181K, 2018-19. Completed.

“Outsourcing Component Manufacturing – Managing Decision Sequencing, Supplier Competition and Benefit Sharing”, General Research Fund (GRF PolyU5433/11H) by Hong Kong Government University Grants Committee, PI, HKD 450K, 2012-15. Completed.

“Regional Container Cargo Equilibrium Analysis and Forecasting: How Hong Kong Prospers with a sub 40% Market Share”, UGC Matching Grant, Co-I, with LUO, Meifeng, Yip, TL and FU, Xiaowen, HKD 12M, 2008-13, Completed.

### **Supervisions**

WU, Xiaokai, Postdoctoral Fellow, February 2018 – present

Project: Analysis of credence goods market

HAO, Zhongyuan. PhD. Aug 2013 – Oct 2016 (Chief supervisor)

Thesis: *On the Value of Information Sharing*

Current position: Assistant Professor, Dongbei University of Finance and Economics, Dalian, China

WU, Jonathan Zhongsheng. DMgt, Nov 2013 – Dec 2015 (Chief supervisor)

Thesis: *The Sustainability Study of Supply Chain Strategy and Supply Chain System Design*

Current position: Vice President, Nokia-Bell-Lucent Shanghai, China

LI, Li. MPhil. Sep 2007 – Jan 2010 (Chief supervisor, with co-supervisor Prof LIU, Liming)

Thesis: *Joint Price and Service Competitions Facing Pragmatic Customers*

Second Prize: Student Paper Competition at POMS 2012 Hong Kong, with paper titled “*Proactive Transshipment Coupled with Postponed Price Commitment Does More Than Stock Rebalancing*”

Current position: Associate Professor, Sun Yat-Sen University, Guangzhou, China

### **Awards and Recognitions**

Lotus Scholar Chair Professor, 2020, Education Bureau, Hunan Province, China  
Top downloaded article, 2019, Naval Research Logistics  
Certificate of Outstanding Scholarly Contributions, 2018, European Association of Operational Research  
Reviewer/Service Recognitions by Manufacturing & Service Operations Management, Naval Research  
Logistics, European Journal of Operational Research, Transportation Research Part E  
Awards received from The Hong Kong Polytechnic University  
Fellow, Faculty of Business, 2012, 2017  
Faculty Award/Prize for Outstanding Performance in Research and Scholarly Activities, 2009, 2016  
Faculty Award/Prize for Outstanding Performance in Teaching, 2013  
Performance Reward, 2008 – 2013

### **Courses Taught** (SFQ teaching evaluation average: 4.65/5.00)

LGT 2106: *Principles of Operations Management* (BBA Core)  
LGT 3105: *Operations Management* (BBA Core)  
LGT 4208: *Capstone Project* (BBA core)  
LGT 5105: *Managing Operations Systems* (MBA Core)  
LGT 5106/5116/5126: *Operations Management* (MBA/CMBA Core)  
LGT 5215: *Global Supply Chain Management* (MSC supervision)  
LGT 5931/5932: *Investigative Study* (MBA supervision)  
LGT 6004: *Strategic Supply Chain and Logistics Management* (DBA/DMgt Elective)  
FB 6006/LGT 6006: *Statistics and Game Theoretical Methods in Business Studies* (PhD Core/Elective)  
LGT 6201: *Optimization Models and Methodologies* (PhD Core)

### **Professional Activities**

Editorial Board/Reviewer: *Management Science, Manufacturing & Service Operations Management, Production and Operations Management, Operations Research, Naval Research Logistics, European Journal of Operations Research*  
Conference Organizing Committee, 2016, POMS Hong Kong Annual Meeting  
Session Chair, INFORMS Annual Meeting  
Member – Institute for Operations Research and Management Science (INFORMS)  
Member – Manufacturing & Service Operations Management Society (MSOM)  
Member – Production and Operations Management Society (POMS)

### **University and Faculty Services**

Faculty of Business board, 2017 – 2021  
Faculty management committee (FMC), 2013 – 2016  
MBA/CMBA committee, Faculty of Business, 2010 – 2020  
DBA/DMgt committee, Faculty of Business, 2017 – 2020  
Review panel for staff promotion, 2013 – 2017  
Recruitment committee for Chair Professor, 2013 – 2015  
Department staffing committee (DSC), 2008 – 12  
Department research committee (DRC), 2009 – 12  
Department research seminar organizer, 2008 – 10  
CIEET fairs and JEE seminars in Mainland China, 2008 – 2012, 2020