

Li Jiang

Professor

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Academic Employment

Professor, 2017 – present
Associate Professor, 2012 – 2017
Assistant Professor, 2007 – 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

Information management; sharing economy platform; complex assembly system analysis; consumer search; environmental operations; behavioral operations

Selected Publications

- Wang, Y., L. Jiang, Z. Shen. Channel Performance under Consignment Contract with Revenue Sharing. *Management Science*. 50(1): 34-47.
- Anupindi, R., L. Jiang. Capacity Investment under Postponement Strategies, Competition, and Demand Uncertainty. *Management Science*. 54(11): 1876-1890.
- Jiang, L., Y. Wang. Supplier Competition in Decentralized Assembly Systems with Price-Sensitive and Uncertain Demand. *Manufacturing & Service Operations Management*. 12(1): 93-101.
- Jiang, L., R. Anupindi. Customer-driven vs. Retailer-driven Search: Channel Performance and Implications. *Manufacturing & Service Operations Management*. 12(1): 102-119.
- Li, L., L. Jiang, L. Liu. Service and Price Competition When Customers Are Naive. *Production and Operations Management*. 21(4): 747-760.
- Jiang, L. On the Effects of Capacity Agent on Market Equilibrium. *Production and Operations Management*. 22(3): 676-690.
- Jiang, L., Z. Hao. On the Value of Information Sharing and Cooperative Price Setting. *Operations Research Letters*. 42(4): 399-403.
- Jiang, L. Managing Supplier Competition and Sourcing Sequence for Component Manufacturing. *Production and Operations Management*. 24(2): 287-310.
- Jiang, L. Z. Hao. Incentive-driven Information Dissemination in Two-tier Supply Chains. *Manufacturing & Service Operations Management*. 18(3): 393-413.

Hao, Z., L. Jiang. Impacts of Sequential Acquisition, Market Competition Mode and Confidentiality on Information Flow. *Naval Research Logistics*.

Li, L., L. Jiang. Horizontal Subcontracting From Competitors: When and What? *Production and Operations Management*. <https://doi.org/10.1111/poms.12873>

Funding

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

“An Investigation of Fraudulent Behavior in Credence Goods Markets: Contributing Factors and Mechanism Design”, University Postdoctoral Fellowship Program, Project Leader, HKD 695K, 2018-20.

“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.

“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.

“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-PI, with PI Meifeng Luo and Co-Is TL Yip and Xiaowen Fu, HKD 12M, 2008-13, Completed.

Supervisions

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

Thesis: *On the Value of Information Sharing*

Current position: Assistant Professor, Nanjing University of Aeronautics and Astronautics

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, Lucent-Alcatel-Bell 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*

Winner: 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: Assistant Professor, Sun Yat-Sen University, Guangzhou, China

Honors and Awards

Fellow, Faculty of Business, Hong Kong Polytechnic University, 2012, 2017

Faculty Award for Outstanding Performance in Research and Scholarly Activities, 2009

Faculty Prize for Outstanding Performance in Research and Scholarly Activities, 2016

Faculty Award for Outstanding Performance in Teaching, 2013

Performance Reward, The Hong Kong Polytechnic University, 2008 – 2013

Courses Taught

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* (PhD Core/Elective)
LGT 6201: *Optimization Models and Methodologies* (PhD Core)

Professional Activities

Editorial Review Board/Reviewer: *Management Science, Manufacturing & Service Operations Management, Production and Operations Management, Operations Research, Naval Research Logistics, Decision Sciences, IIE Transactions, European Journal of Operations Research*
Member – Institute for Operations Research and Management Science (INFORMS)
Member – Manufacturing & Service Operations Management Society (MSOM)
Member – Production and Operations Management Society (POMS)

Services

Faculty of Business Board, 2017 – present
Faculty Management Committee (FMC), 2013 – 2016
MBA/CMBA Committee, Faculty of Business
Review panel for staff promotion
Recruitment Committee for Chair Professor, 2013 – 2015
Department Staffing Committee (DSC), 2008 – 11
Department Research Committee (DRC), 2009 – 12
Department Research Seminar Organizer, 2008 – 10
CIEET fairs and JEE seminars in Mainland China, 2008 – 12