

MING HU

Curriculum Vita

Rotman School of Management
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Education

Columbia University, New York, NY, M.Phil., PhD in Operations Research	2007, 2009
Brown University, Providence, RI, M.S. in Applied Mathematics	2003
Nanjing University, Nanjing, China, B.S. in Mathematics	2001

Position

<i>Amazon Scholar</i> , Amazon SPS-FBA	Apr 2022 –
<i>Area Coordinator</i> , Operations Management & Statistics Area	Jul 2022 –
<i>Distinguished Professor of Business Operations and Analytics</i>	Jul 2019 –
Rotman School of Management, University of Toronto, Toronto, ON	
<i>Professor</i>	Jul 2017 –
Rotman School of Management, University of Toronto, Toronto, ON	
<i>Associate Professor</i> (with tenure)	Jul 2015 – Jun 2017
Rotman School of Management, University of Toronto, Toronto, ON	
<i>Assistant Professor</i>	Jul 2009 – Jun 2015
Rotman School of Management, University of Toronto, Toronto, ON	
<i>Acting Assistant Professor</i>	Jul 2008 – Jun 2009
Rotman School of Management, University of Toronto, Toronto, ON	
Editor-in-Chief, <i>Naval Research Logistics</i>	Jan 2018 –
Co-Editor, Special Issue of <i>Manufacturing & Service Operations Management</i> on Sharing Economy and Innovative Marketplaces	2017 – 2019
Department Editor, Marketing of Services & Revenue Management Dept., <i>Service Science</i>	2019 – 2023
Associate Editor, <i>Management Science</i>	Oct 2020 –
Associate Editor, <i>Operations Research</i>	Jan 2018 –
Associate Editor, <i>Manufacturing & Service Operations Management</i>	2018 – 2019, 2021 –
Senior Editor, <i>Production and Operations Management</i>	Aug 2017 –
Associate Editor, <i>Naval Research Logistics</i>	2015 – 2017

Edited Book/Collection

Sharing Economy: Making Supply Meet Demand

2019, Springer, Cham, 1-528, in *Springer Series in Supply Chain Management*, C. Tang (Series Ed.)

Online Marketplaces: Economics and Operations

with G. Kong, G. V. Ryzin, 2022, vol. 20 in *INFORMS Analytics Collections*, N. G. Hall (Series Ed.)

Book Chapter

- [4] [Impact of Blockchain-Driven Accountability in Multi-Sourcing Supply Chains](#)
with Y. Cui, J. Liu, 2022, *Innovative Technology at the Interface of Finance and Operations, Volume II*, V. Babich, J. Birge, G. Hilary (Ed.), 73-96, in *Springer Series in Supply Chain Management*, C. Tang (Series Ed.)
- [3] [Pricing and Matching in the Sharing Economy](#)
with Y. Chen, Y. Zhou, 2018, *Sharing Economy: Making Supply Meet Demand*, M. Hu (Ed.), 137-164, in *Springer Series in Supply Chain Management*, C. Tang (Series Ed.)
- [2] [Online Group Buying and Crowdfunding: Two Cases of All-or-Nothing Mechanisms](#)
with M. Shi, J. Wu, 2018, *Sharing Economy: Making Supply Meet Demand*, M. Hu (Ed.), 319-346, in *Springer Series in Supply Chain Management*, C. Tang (Series Ed.)
- [1] [Competition in Multi-Echelon Systems](#)
with A. Federgruen, 2017, *Leading Developments from INFORMS Communities*, R. Batta, J. Peng (Eds.), 178-211, in *INFORMS Tutorials in Operations Research*, J. C. Smith (Series Ed.)

Journal Article

- [46] [Regulation of Privatized Public Service Systems](#)
with W. Huang, C. Liu, W. Zhou, *Production and Operations Management*, forthcoming
- [45] [Market Entry and Competition Under Network Effects](#)
with Y. Feng, *Operations Research*, forthcoming
- [44] [Courier Dispatch in On-Demand Delivery](#)
with M. Chen, *Management Science*, published online
- [43] [Model-Free Assortment Pricing with Transaction Data](#)
with N. Chen, A. Cire, S. Lagzi, 2023, *Management Science*, **69**(10), 5830-5847
- [42] [Data-Driven Revenue Management: The Interplay of Data, Model, and Decisions](#)
with N. Chen, 2023, *Service Science*, **15**(2), 79-91
- [41] [Intertemporal Price Discrimination via Randomized Promotions](#)
with H. Chen, J. Wu, 2023, *Manufacturing & Service Operations Management*, **25**(3), 1176-1194
- [40] [Value and Design of Traceability-Driven Blockchains](#)
with Y. Cui, J. Liu, 2023, *Manufacturing & Service Operations Management*, **25**(3), 1099-1116
- [39] [Precommitments in Two-Sided Market Competition](#)
with Y. Liu, 2023, *Manufacturing & Service Operations Management*, **25**(2), 704-718
- [38] [Privacy Management in Service Systems](#)
with R. Momot, J. Wang, 2022, *Manufacturing & Service Operations Management*, **24**(5), 2761-2779
- [37] [Food Delivery Service and Restaurant: Friend or Foe?](#)
with M. Chen, J. Wang, 2022, *Management Science*, **68**(9), 6539-6551

- [36] [Contingent Stimulus in Crowdfunding](#)
with L. Du, J. Wu, 2022, *Production and Operations Management*, **31**(9), 3543-3558
- [35] [Revenue Volatility Under Uncertain Network Effects](#)
with O. Baron, A. Malekian, 2022, *Operations Research*, **70**(4), 2254-2263
- [34] [Distribution-Free Pricing](#)
with H. Chen, G. Perakis, 2022, *Manufacturing & Service Operations Management*, **24**(4), 1939-1958
- [33] [Sales Effort Management Under All-or-Nothing Constraint](#)
with L. Du, J. Wu, 2022, *Management Science*, **68**(7), 5109-5126
- [32] [Demand Pooling in Omnichannel Operations](#)
with X. Xu, W. Xue, Y. Yang, 2022, *Management Science*, **68**(2), 883-894
- [31] [Surge Pricing and Two-Sided Temporal Responses in Ride Hailing](#)
with B. Hu, H. Zhu, 2022, *Manufacturing & Service Operations Management*, **24**(1), 91-109
- [30] [Dynamic Type Matching](#)
with Y. Zhou, 2022, *Manufacturing & Service Operations Management*, **24**(1), 125-142
- [29] [NetEase Cloud Music Data](#)
with D. Zhang, X. Liu, Y. Wu, Y. Li, 2022, *Manufacturing & Service Operations Management*, **24**(1), 275-284
- [28] [A Simple Heuristic Policy for Stochastic Distribution Inventory Systems with Fixed Costs](#)
with H. Zhu, F. Y. Chen, Y. Yang, 2021, *Operations Research*, **69**(6), 1651-1659
- [27] [Intertemporal Segmentation via Flexible-Duration Group Buying](#)
with J. Liu, X. Zhai, 2021, *Manufacturing & Service Operations Management*, **23**(5), 1157-1174
- [26] [From the Classics to New Tunes: A Neoclassical View on Sharing Economy and Innovative Marketplaces](#)
solo, 2021, *Production and Operations Management*, **30**(6), 1668-1685
- [25] [Introduction to the Special Issue on Sharing Economy and Innovative Marketplaces](#)
with S. Benjaafar, 2021, *Manufacturing & Service Operations Management*, **23**(3), 549-552
- [24] [Joint vs. Separate Crowdsourcing Contests](#)
with L. Wang, 2021, *Management Science*, **67**(5), 2711-2728
- [23] [Global Robust Stability in a General Price and Assortment Competition Model](#)
with A. Federgruen, 2021, *Operations Research*, **69**(1), 164-174
- [22] [Information Disclosure and Pricing Policies for Sales of Network Goods](#)
with Z. Wang, Y. Feng, 2020, *Operations Research*, **68**(4), 1162-1177
- [21] [Efficient Inaccuracy: User-Generated Information Sharing in a Queue](#)
with J. Wang, 2020, *Management Science*, **66**(10), 4648-4666
- [20] [Pricing and Matching with Forward-Looking Buyers and Sellers](#)
with Y. Chen, 2020, *Manufacturing & Service Operations Management*, **22**(4), 717-734

- [19] Operations Management in the Age of the Sharing Economy: What Is Old and What Is New?
with S. Benjaafar, 2020, *Manufacturing & Service Operations Management*, **22**(1), 93-101 (20th Anniversary special issue)
- [18] Stability in a General Oligopoly Model
with A. Federgruen, 2019, *Naval Research Logistics*, **66**(1), 90-102 (special issue in memory of Uriel Rothblum)
- [17] Socially Beneficial Rationality: The Value of Strategic Farmers, Social Entrepreneurs and For-Profit Firms in Crop Planting Decisions
with Y. Liu, W. Wang, 2019, *Management Science*, **65**(8), 3654-3672
- [16] Efficient Ignorance: Information Heterogeneity in a Queue
with Y. Li, J. Wang, 2018, *Management Science*, **64**(6), 2650-2671
- [15] Open or Closed? Technology Sharing, Supplier Investment, and Competition
with B. Hu, Y. Yang, 2017, *Manufacturing & Service Operations Management*, **19**(1), 132-149
- [14] Liking and Following and the Newsvendor: Operations and Marketing Policies Under Social Influence
with J. Milner, J. Wu, 2016, *Management Science*, **62**(3), 867-879
- [13] Sequential Multi-Product Price Competition in Supply Chain Networks
with A. Federgruen, 2016, *Operations Research*, **64**(1), 135-149
- [12] Newsvendor Selling to Loss-Averse Consumers with Stochastic Reference Points
with O. Baron, S. Najafi, Q. Qian, 2015, *Manufacturing & Service Operations Management*, **17**(4), 456-469
- [11] Threshold Effects in Online Group Buying
with J. Wu, M. Shi, 2015, *Management Science*, **61**(9), 2025-2040
- [10] Up then Down: Bid-Price Trends in Revenue Management
with Z. Pang, O. Berman, 2015, *Production and Operations Management*, **24**(7), 1135-1147
- [9] Multi-Product Price and Assortment Competition
with A. Federgruen, 2015, *Operations Research*, **63**(3), 572-584
- [8] Product and Pricing Decisions in Crowdfunding
with X. Li, M. Shi, 2015, *Marketing Science*, **34**(3), 331-345
- [7] No Claim? Your Gain: Design of Residual Value Extended Warranties Under Risk Aversion and Strategic Claim Behavior
with G. Gallego, R. Wang, J. L. Beltran, J. Ward, 2015, *Manufacturing & Service Operations Management*, **17**(1), 87-100
- [6] Committed versus Contingent Pricing Under Competition
with Z. Wang, 2014, *Production and Operations Management*, **23**(11), 1919-1936
- [5] Modified Echelon (r, Q) Policies with Guaranteed Performance Bounds for Stochastic Serial Inventory Systems
with Y. Yang, 2014, *Operations Research*, **62**(4), 812-828
- [4] Dynamic Pricing of Perishable Assets Under Competition

with G. Gallego, 2014, *Management Science*, **60**(5), 1241-1259

[3] [Flexible-Duration Warranties with Dynamic Reliability Learning](#)

with G. Gallego, R. Wang, J. Ward, J. L. Beltran, 2014, *Production and Operations Management*, **23**(4), 645-659

[2] [Simultaneous vs. Sequential Group-Buying Mechanisms](#)

with M. Shi, J. Wu, 2013, *Management Science*, **59**(12), 2805-2822

[1] [When Gray Markets Have Silver Linings: All-Unit Discounts, Gray Markets and Channel Management](#)

with M. Pavlin, M. Shi, 2013, *Manufacturing & Service Operations Management*, **15**(2), 250-262