

XIAO Hua | Assistant Professor

Faculty of Business – City University of Macau
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Academic Qualifications

University of Macau <i>PhD in Decision Sciences</i>	Macau SAR, China 2018 – 2022
Wuhan University <i>Master in Management Science and Engineering</i>	China 2015 – 2018
Wuhan University of Science and Technology <i>Bachelor in Traffic and Transportation</i>	China 2010 – 2014

Research Interests

- Supply Chain and Inventory Management
- Service Operations Management
- Interface of Operations and Marketing

Journal Publications

1. Gong, M., Lian, Z., **Xiao, H.***, Inventory Control Policy for Perishable Products under a Buyback Contract and Brownian Demands, *International Journal of Production Economics*, 2022.

Working Papers

1. Joint Promotional Effort and Assortment Optimization under the Multinomial Logit Model.
2. Pricing and Bargaining in Service Outsourcing with Two Classes of Customers.
3. Capacity Co-opetition of Make-to-order Firms.

Conference Presentations

1. **Xiao, H.**, Gong, M., Lian, Z., Capacity Co-opetition of Make-to-order Firms. The 12th POMS-HK International Conference, Hong Kong, 2022.
2. **Xiao, H.**, Lian, Z., Pricing and Bargaining in Service Outsourcing with Two Classes of Customers. The 12th International Conference on Economics, Business and Management, Osaka, Japan, 2021.
3. **Xiao, H.**, Li, Y., When will Bundling of Cross-Industry Products be Preferable?. The 9th POMS-HK International Conference, Hong Kong, 2018.

Research Project Experience

1. Supply Chain Coordinate and Optimization of Perishable Products, University of Macau (MYRG), 2020 – 2021, Primary Participant
2. Optimization and Strategic Analysis of a Passenger-taxi Service System, University of Macau (MYRG), 2018 – 2019, Primary Participant
3. Performance Evaluation and Optimization of Service Industry, Macau FDCT, 2018 – 2019, Primary Participant

Teaching Experience

- Research Method, City University of Macau Fall 2022
- Teaching Assistant, University of Macau
 - Business Data Mining and Visualization Spring 2022
 - Operations Management Spring 2020
 - Database Management Spring 2019
 - Information Systems and Organization Spring 2019, 2022
 - Spreadsheets and Decision Modeling Fall 2018
- Teaching Assistant, Wuhan University
 - Advanced Mathematics Fall 2016

Professional Services

- Reviewer: Annals of Operations Research, International Journal of Production Economics, International Journal of Production Research

Honors and Awards

- Doctoral Fellowship, Univeristy of Macau 2018 – 2022
- Outstanding Postgraduate Student, Wuhan University 2017
- Outstanding Graduate, Wuhan University of Science and Technology 2014

Skills

- Programming Languages: Python, R, Matlab, \LaTeX