

XIAO Hua

Assistant Professor

Faculty of Business
City University of Macau
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Academic Qualifications

University of Macau <i>Ph.D. in Decision Sciences</i>	Macau SAR, China
Wuhan University <i>Master in Management Science and Engineering</i>	China
Wuhan University of Science and Technology <i>Bachelor in Traffic and Transportation</i>	China

Academic Experience

City University of Macau Assistant Professor, Faculty of Business	09/2022-Present
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Research Interests

- Supply Chain and Inventory Management
- Service Operations Management
- Interfaces of Operations and Marketing
- Revenue Management
- Data Analytics

Selected Journal Publications

1. **Xiao, H.**, Gong, M., Lian, Z., & Nip, K.* (2024). Joint promotional effort and assortment optimization under the multinomial logit model. *Naval Research Logistics (NRL)*, 71(7), 941–959. (SCI, ABS3)
 2. Gong, M., Lian, Z., & **Xiao, H.*** (2022). Inventory control policy for perishable products under a buyback contract and Brownian demands. *International Journal of Production Economics*, 251, 108522. (SCI, ABS3)
- (* denotes Corresponding Author)

Selected Working Papers

1. Pricing and Bargaining in Service Outsourcing with Two Classes of Customers.
2. Capacity Co-opetition of Make-to-order Firms.

Conference Presentations/Proceedings

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

○ City University of Macau, Instructor

- Operations Management Spring 2023, 2024
- Research Method Fall 2022, 2023, 2024
- Principles of Management Fall 2024
- International Business Operation Strategy Fall 2023

○ University of Macau, Teaching Assistant

- Business Data Mining and Visualization Spring 2022
- Operations Management Spring 2020
- Information Systems and Organization Spring 2019, 2022
- Database Management Spring 2019
- Spreadsheets and Decision Modeling Fall 2018

○ Wuhan University, Teaching Assistant

- Advanced Mathematics Fall 2016

Professional Services

- **Youth Editorial Board:** Sustainable Operations and Computers
- **Ad-hoc Reviewer:** Annals of Operations Research, European Journal of Operational Research, International Journal of Production Economics, International Journal of Production Research, Transportation Research Part B: Methodological, Transportation Research Part E: Logistics and Transportation Review, etc.

Honors and Awards

- Doctoral Fellowship, University 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, Julia