

Chenxi Sun

chenxi.sun@link.cuhk.edu.hk

Department of Decisions, Operations and Technology, CUHK Business School

2026–2027 Academic Job Market Candidate

Education

The Chinese University of Hong Kong , Hong Kong, China	2022–2027 (<i>expected</i>)
• Ph.D. in Operations Management • Advisor: Prof. Sean Zhou	
Shanghai University of Finance and Economics , Shanghai, China	2020–2022
• Master of Management in Management Science and Engineering • Advisor: Prof. Chaolin Yang	
• Bachelor in Information Management and Information Systems	2016–2020

Research Interests

Stochastic Inventory Theory and Applications; Supply Chain Management

Manuscripts under Revision and Review

Remanufacturing Inventory System with Demand-Dependent Returns: Optimality Analysis and Approximations

with Zhijie Tao, Xuefeng Gao, and Sean Zhou

Minor revision at *Operations Research* [\[Paper\]](#)

Base-stock Policies in Backlogging Inventory Systems with Stochastic Lead Times: New Results and Insights

with Xiting Gong

Under review at *Operations Research* [\[Paper\]](#)

Working Papers

The Impact of Secondary Markets on Selling Blind Boxes with Set Bonuses

with Yinbo Feng and Chaolin Yang

Working paper [\[Paper\]](#)

Work in Progress

Collect, Process, and Sell: Operations of a Smallholder Aggregator

with Christopher Thomas Ryan and Sean Zhou

Work in progress

Teaching Experience

Teaching Assistant	CUHK Business School
DOTE6200: Supply Chain Sustainability Management, master's course (2026, 2025)	
FEMBA6122: Data, Models and Decisions, FEMBA course (2026, 2025)	
DOTE2040: Business Analytics, undergraduate course (2024)	
• Teaching evaluation: 5.43/6.00	
DOTE6330: Probability and Mathematical Statistics, FMBA course (2024)	
DOTE5410: Operations Management, MBA course (2023, 2022)	
DSME4020: Decision Modeling and Analytics, undergraduate course (2022)	

Conference Presentations

Base-stock Policies in Backlogging Inventory Systems with Stochastic Lead Times: New Results and Insights

- INFORMS Annual Meeting San Francisco, CA, USA, 2026
- POMS International Conference in China Xi'an, China, 2026
- POMS-HK International Conference Shenzhen, China, 2026

Remanufacturing Inventory System with Demand-Dependent Returns: Optimality Analysis and Approximations

- POMS-HK International Conference Hong Kong, China, 2025
- POMS Annual Conference Orlando, FL, USA, 2023

The Impact of Secondary Markets on Selling Blind Boxes with Set Bonuses

- POMS-HK International Conference Hong Kong, China, 2023
- POMS Annual Conference Orlando, FL, USA, 2023

References

Sean Zhou

Associate Dean, Professor
Department of Decisions, Operations and
Technology
CUHK Business School
Email: zhoux@baf.cuhk.edu.hk

Xiting Gong

Professor
Department of Decisions, Operations and
Technology
CUHK Business School
Email: xtgong@cuhk.edu.hk

Christopher Thomas Ryan

Professor
Operations and Logistics Division
Sauder School of Business
University of British Columbia
Email: chris.ryan@sauder.ubc.ca