

# ZHUOLUO ZHANG

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## ACADEMIC APPOINTMENTS

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<b>Xiamen University, Department of Management Science</b> Assistant Professor	<i>Jul. 2023 - Present</i>
<b>The Chinese University of Hong Kong</b> Postdoctoral Research Fellow	<i>Aug. 2022 - Jul. 2023</i>

## EDUCATION

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<b>The Chinese University of Hong Kong</b> Ph.D. in Operations Management	<i>Aug. 2017 - Jul. 2022</i>
<b>The University of Toronto</b> Visiting Ph.D. Student in Operations Management	<i>Jul. 2019 - Mar. 2020</i>
<b>The Chinese University of Hong Kong</b> M.S in Business Analytics	<i>Sep. 2016 - Jun. 2017</i>
<b>Xiamen University</b> B.S in E-commerce	<i>Sep. 2012 - Jun. 2016</i>

## RESEARCH INTERESTS

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Pricing and Revenue Management, Data-driven Decision Making, Sustainable Operations

## PAPERS UNDER REVISION/REVIEW

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- [1]. Dynamic Pricing for Multi-Product Consumer Electronics Trade-in Program (with Sean Zhou and Yanzhe (Murray) Lei), Under Minor Revision at *Operations Research*
- [2]. Innovative Business Models in Ocean-Bound Plastic Recycling (with Sean Zhou, Opher Baron and Gonzalo Romero), Under Minor Revision at *Manufacturing & Service Operations Management*
- [3]. Retailer Credit Guarantee Or Cost Sharing? The Impact of Information Asymmetry under Supplier's Capital Constraint and Yield Uncertainty (with Guitian Liang and Jiahui Zhou), Under First Round Review at *Naval Research Logistics*

## WORK IN PROGRESS

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- [1]. Joint Initial Stocking and Inventory Transshipment for Multi-Location Problems (with David D. Yao, Sean Zhou and Weifen Zhuang)
- [2]. Online Learning for Dynamic Pricing in Consumer Electronics Trade-in Program (with Sean Zhou and Wenhao Li)
- [3]. Dynamic Inventory Management with Inventory-based Financing under Stochastic Market Value of Collateralized Inventory (with Guitian Liang and Jiahui Zhou)
- [4]. Joint Dynamic Markdown Pricing and Inventory Replenishment (with Sean Zhou, Guitian Liang and Jiahui Zhou)

## HONORS & AWARDS

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Dean's List, CUHK Business School, 2016-2017	<i>Nov. 2017</i>
2021 6th Annual SC&LM Workshop Student Paper Competition, Second Place	<i>Dec. 2021</i>
2022 POMS-HK Student Paper Competition, Honorable Mention	<i>Jan. 2022</i>

## TEACHING EXPERIENCES

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### **Xiamen University**

- Business Data Analytics (Undergraduate Course)

### **The Chinese University of Hong Kong, Teaching Assistant**

- Decision Modeling and Analytics (Undergraduate Course)
- Research Seminar in Operations & SCM (Ph.D. Course)
- Operations Management (Undergraduate and MBA Course)

### **The University of Toronto, Teaching Assistant**

- Markov Decision Processes and Reinforcement Learning (Ph.D. Course)