

# YIWEN JIN

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Homepage: <https://yiwen-jin.github.io/>

## EDUCATION

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**Sauder School of Business, University of British Columbia**

2018 - 2024 (*Expected*)

Ph.D. Candidate in Management Science

**Advisors:** Yichuan Ding, Mahesh Nagarajan, Steven Shechter

**Wuhan University**

2014 - 2018

B.A. Economics and B.S. Mathematics, Hongyi Honor College

## RESEARCH INTERESTS

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Healthcare operations management, Healthcare analytics, Empirical methods, Econometrics,  
Data-driven optimization, Machine learning, Supply chain management

## PUBLICATIONS

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Wan, M., Zhang, J.X., Ding, Y., **Jin, Y.**, Bedford, J., Nagarajan, M., Bucevska, M., Courtemanche, D.J. and Arneja, J.S., 2020. **High-risk plastic surgery: An analysis of 108,303 cases from the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP).** *Plastic Surgery*, 28(1), pp.57-66.

Zhang, J.X., Wan, M., Ding, Y., **Jin, Y.**, Nagarajan, M., Courtemanche, D.J., Bedford, J. and Arneja, J.S., 2020. **Do microsurgical outcomes differ based on which specialty does the operation? A NSQIP analysis.** *Plastic and Reconstructive Surgery Global Open*, 8(4).

## WORKING PAPERS

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**The cost of task switching: Evidence from the emergency department** [link](#)

with Yige Duan, Yichuan Ding, Mahesh Nagarajan, Garth Hunte Under 2nd round review M&SOM

– Winner, 2023 POMS Best Healthcare Paper Competition

– Winner, 2021 CORS Healthcare SIG Best Paper in Statistical Methods/Econometric Modelling

**Adaptive server behavior to deviations in schedules and its consequences: Evidence from operating rooms** [link](#)

with Yichuan Ding, Steven Shechter, Jugal Arneja

Under 1st round review at M&SOM

– Finalist (Top 5), 2023 CORS Healthcare SIG Graduate Student Presentation Competition

**Beyond tokenism: The impact of board ethnic diversity on supply chain diversification**

with Minjia Li, Jenny Li Zhang

Manuscript soon to be submitted to Management Science

– Winner of \$5,000 EDI Catalyst Grant of UBC Sauder School of Business

## WORK IN PROGRESS

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**When are doctors most needed? A risk-adaptive scheduling in emergency department**

with Yichuan Ding, Garth Hunte

**Coping with nurse burnout: Key drivers and operational interventions**

with Steven Shechter, Yichuan Ding, Jugal Arneja

## AWARDS AND GRANTS

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Finalist (Top 4), 2023 POMS Best Healthcare Paper Competition  
Finalist (Top 5), 2023 CORS Healthcare SIG Graduate Student Presentation Competition  
Winner, 2021 CORS Healthcare SIG Best Paper in Statistical Methods/Econometric Modelling  
Winner, 2023 UBC Paul Chwelos Memorial Graduate Scholarship of Teaching Excellence  
Co-applicant of a \$5,000 Equity, Diversity, and Inclusion (EDI) Catalyst Grant, UBC, 2023  
Co-applicant of a \$12,000 CIDER Small Grants in Innovative Data, UBC, 2021  
Shelby L. Brumelle Memorial Graduate Scholarship, UBC, 2020 and 2022  
President's Academic Excellence Initiative PhD Award, UBC, 2020-2023  
Dean Earle D MacPhee Memorial Fellowship, UBC, 2018 – 2021

## CONFERENCE PRESENTATIONS

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MSOM, Montreal, Jun 2023; CORS, Montreal, May 2023; POMS, Orlando, May 2023;  
INFORMS Annual Meeting, Indianapolis, Oct 2022; CORS, Vancouver, Jun 2022;  
CanQueue, Montreal, Oct 2021; INFORMS Annual Meeting, Virtual, Sep 2021;  
INFORMS Healthcare Conference, Virtual, Jul 2021;  
POMS, Virtual, May 2021; INFORMS Annual Meeting, Virtual, Oct 2020;  
INFORMS Annual Meeting, Seattle, Oct 2019

## TEACHING

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**Instructor of Undergraduate Course**, UBC Sauder School of Business

COMM 204 Logistics and Operations Management Jun 2022  
– Teaching Evaluation: 4.8/5.0, Class size: 33  
– Winner of the 2023 UBC Paul Chwelos Memorial Graduate Scholarship of Teaching Excellence  
– Introductory course for students in the Bachelor of Commerce program. The course covers major fundamental areas in operations management, including process analysis, queueing, inventory, supply chain management.

**Teaching Assistant of Master Programs**, UBC Sauder School of Business

BASC 550 Operations and Supply Chain Management Jul 2021  
– **International MBA** program's core course. Moderated course materials and quizzes, graded assignments and exams.

BABS 550 Application of Statistics in Management Feb 2021 - Mar 2021  
– **Master of Business Analytics** program's core course. Held office hours, answered students' questions, wrote answers for and graded assignments and exams.

BAMS 517 Decision Analysis Under Uncertainty Jan 2021 - Feb 2021  
– **Master of Business Analytics** program's core course. Held office hours, answered students' questions, wrote answers for and graded assignments and exams.

BABS 506 Analyzing and Modelling Uncertainty Sep 2019 - Apr 2020  
– **Master of Business Analytics** program's core course. Held office hours, answered students' questions, wrote answers for and graded assignments and exams.

## SERVICES

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Ad hoc reviewers for *Management Science*, *M&SOM*, *POM*, *BOM Working Paper Competition*  
Co-president of the PhD Student Society at UBC Sauder School of Business