

# 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

## 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**

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

– Finalist (Top 4) of 2023 POMS Best Healthcare Paper Competition.

– Winner of 2021 CORS CHOW Best Paper in Econometric Modelling.

– [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3756677](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3756677)

**Adaptive server behavior to deviations in schedules and its consequences: Evidence from operating rooms**

with Yichuan Ding, Steven Shechter, Arneja Jugpal

Under 1st round review, *M&SOM*

– Finalist (Top 5) of 2023 CORS Graduate Student Presentation Competition.

– [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4048352](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4048352)

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

with Minjia Li and Jenny Li Zhang

Manuscript ready 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 departments**

with Yichuan Ding and Garth Hunte

## Coping with nurse burnout: A data-driven analysis of factors and operational interventions

with Steven Shechter, Yichuan Ding and Jugpal Arneja

### AWARDS AND GRANTS

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Finalist (Top 4), 2023 POMS Best Healthcare Paper Competition  
Finalist (Top 5), 2023 CORS Graduate Student Presentation Competition  
Winner, 2021 CORS CHOW Best Paper in 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

## MISCELLANEOUS

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<b>Nationality</b>	China; Permanent Residence of Canada
<b>Languages</b>	Native in Mandarin; Proficient in English
<b>Programming</b>	R, Julia, STATA, Python, MATLAB, $\text{\LaTeX}$ , Excel
<b>Interests</b>	Hiking, Snorkelling