

# YIWEN JIN

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## EDUCATION

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**Sauder School of Business, The 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 analytics, Causal inference, Econometrics, Behavioral queueing, Data-driven optimization, Machine learning, Supply chain management

## PAPERS UNDER REVIEW

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

**Yiwen Jin**, Yige Duan, Yichuan Ding, Mahesh Nagarajan, Garth Hunte

*Under second round review at M&SOM*

– 2023 POMS College of Healthcare Operations Management Best Paper Award

– The 18th International Conference on Service Systems and Service Management Best Paper Award

– 2021 Canadian Operational Research Society Healthcare SIG Best Paper in Statistical Methods and Econometrics Modelling

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

**Yiwen Jin**, Yichuan Ding, Steven Shechter, Jugpal Arneja

*Major revision at M&SOM*

– Third Place, 2023 POMS International (China) Conference Best Student Paper Competition

– Finalist (Top 5), 2023 Canadian Operational Research Society Healthcare SIG Graduate Student Presentation Competition

## ACCEPTED PAPERS

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

*with Minjia Li, Jenny Li Zhang*

*Manuscript ready*

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

## **Patient routing in emergency rooms: A polling system with switchover times and piecewise linear cost rate**

*with Yichuan Ding, Mahesh Nagarajan*

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

*with Steven Shechter, Yichuan Ding, Jugal Arneja*

## **AWARDS AND GRANTS**

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Winner, 2023 POMS College of Healthcare Operations Management Best Paper Award

Third Place, 2023 POMS International (China) Conference Best Student Paper Competition

Winner, 18th International Conference on Service Systems and Service Management Best Paper Award

Finalist (Top 5), 2023 Canadian Operational Research Society Healthcare SIG Graduate Student Presentation Competition

Winner, 2021 Canadian Operational Research Society 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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### **The cost of task switching: Evidence from emergency departments:**

– INFORMS Healthcare Conference, Toronto, Jul 2023; MSOM, Montreal, Jun 2023; POMS, Orlando, May 2023; CanQueue, Montreal, Oct 2021; INFORMS Annual Meeting, Virtual, Sep 2021; INFORMS Healthcare Conference, Virtual, Jul 2021

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

– INFORMS Healthcare Conference, Toronto, Jul 2023; CORS, Montreal, May 2023; Chung Research Day, Vancouver General Hospital, Nov 2022; INFORMS Annual Meeting, Indianapolis, Oct 2022; CORS, Vancouver, Jun 2022

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

– 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. Covers process analysis, queueing, inventory, supply chain management.

**Teaching Assistant of MBA and Master of Business Analytics, 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. Covers statistics and machine learning topics. 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 AND MISCELLANEOUS**

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Ad hoc reviewer: *Management Science, Manufacturing and Service Operations Management, Production and Operations Management*

Session chair: INFORMS Healthcare 2021/2023, INFORMS Annual Meeting 2022/2023

Co-president of the PhD Student Society at UBC Sauder School of Business

**REFERENCES**

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**Professor Yichuan (Daniel) Ding**

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McGill University  
Montreal, QC, Canada, H3A 1G5  
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**Professor Mahesh Nagarajan**

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**Professor Steven Shechter**

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