

YIWEN JIN

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EDUCATION

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

Healthcare analytics, Causal inference, Econometrics, Behavioral queueing, Data-driven optimization, Machine learning, Supply chain management

PAPERS UNDER REVIEW

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

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

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, Juggal Arneja

AWARDS AND GRANTS

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

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

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

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

Yichuan (Daniel) Ding

Associate Professor, Operations Management

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