

SHANSHAN LUO

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Education	University of British Columbia Ph.D. in Management Science	2020 - Now Vancouver, BC, Canada
	University of Pennsylvania M.A. in Applied Math and Computational Science	2017 - 2019 Philadelphia, PA, US
	Xi'an Jiaotong University B.S. in Statistics	2013 - 2017 Xi'an, Shaanxi, China

Research interests	Healthcare operations, service operations, optimization, data-driven methods
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Research	<p>Mass vaccination scheduling: Trading off infections, throughput, and overtime. Shanshan Luo, Steven Shechter</p> <ul style="list-style-type: none">• <u>Accepted by Management Science.</u>• Finalist, 2024 CORS Queueing & Applied Prob. SIG Student Paper Competition.• Presented at INFORMS Healthcare Conference, 2023; INFORMS Annual Meeting, 2023,2024; BC Provincial Data & Analytics Summit, 2023; CORS, 2024; Purdue Supply Chain & Operations Management Conference, 2024. <p>Optimizing peer matching for performance improvement. Shanshan Luo, Steven Shechter</p> <ul style="list-style-type: none">• <i>In preparation.</i>• Presented at CORS, 2025; INFORMS Annual Meeting, 2025. <p>Optimizing corticosteroid treatment in IgA nephropathy. Shanshan Luo, Steven Shechter, Mark Canney, Sean Barbour</p> <ul style="list-style-type: none">• <i>In preparation.</i>
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Teaching experience	<p>Instructor, UBC Sauder</p> <ul style="list-style-type: none">• COMM 204 Operations & Logistics (Summer 2024, Spring 2026)<ul style="list-style-type: none">• An introductory course for BComm students explores key fundamentals of operations management, including process analysis, queueing theory, inventory control, and supply chain management. <p>Teaching assistant, UBC Sauder</p> <ul style="list-style-type: none">• BAMS 506/508 Optimal Decision Making I/II (Prof. Steven Shechter, Fall 2022-2024)• BAMS 523 Managerial Decision Modeling and Analytics (Prof. Steven Shechter, Fall 2023-2024)• BAMS 517 Decision Analysis Under Uncertainty (Prof. Hao Zhang, Fall 2024)• BASC 550 Operations (Prof. Hao Zhang, Fall 2024)• COMR 398 Introduction to Business Processes and Operations (Prof. Mahesh Nagarajan and Prof. Tim Huh, Summer 2025)
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Awards	Finalist in CORS Queueing & Applied Prob. SIG Student Paper Competition	2024
	Shelby Brumelle Memorial Graduate Scholarship, UBC	2024
	President's Academic Excellence Initiative PhD Award, UBC	2020 - 2024
	Dean Earle D MacPhee Memorial Graduate Scholarship, UBC	2020-2024
	International Tuition Award, UBC	2020-2024

Academic services	Session chair for CORS 2025 and INFORMS Annual Meeting 2025.
	Judge for the Poster Competition at the INFORMS Annual Meeting 2025.

References	Steven Shechter
	Professor
	Sauder School of Business, University of British Columbia
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	Tim Huh
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	Joseph Paat
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