

# SHANSHAN LUO

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

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

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

<b>References</b>	<b>Steven Shechter</b>
	Professor
	Sauder School of Business, University of British Columbia
	E-Mail: <a href="mailto:steven.shechter@sauder.ubc.ca">steven.shechter@sauder.ubc.ca</a>
	<b>Tim Huh</b>
	Professor and Chair
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