

Hossein Piri

Contact Information	Operations and Supply Chain Management Area Haskayne School of Business University of Calgary Scurfield Hall 136, 2500 University Drive NW, Calgary, AB T2N 1N4, Canada	<i>Phone:</i> (403) 220-7784 <i>E-mail:</i> hossein.piri@ucalgary.ca <i>Website:</i> profiles.ucalgary.ca/hossein-piri
Academic Employment	University of Calgary, Haskayne School of Business , Calgary, AB, Canada Assistant Professor, Operations and Supply Chain Management 2022 - present	
Education	University of British Columbia, Sauder School of Business , Vancouver, BC, Canada Ph.D. in Business Administration (Management Science) Dissertation Title: “Essays in Healthcare Operations Research”. Advisors: Profs. Steven Shechter, Tim Huh, and Mahesh Nagarajan. 2017 - 2023	
	University of British Columbia , Vancouver, BC, Canada M.A.Sc. in Chemical Engineering 2014 - 2017	
	Amirkabir University of Technology , Tehran, Iran B.Sc. in Chemical Engineering (Honors Degree) 2009 - 2013	
Research Interests	Applications: - Healthcare Operations - Healthcare Policy - Public Health - Revenue Management	Methods: - Dynamic Programming - Machine Learning - Optimization - Data-Driven Methods
Publications	Hossein Piri, Tim Huh, Steven Shechter, Darren Hudson (2022). “Individualized Dynamic Patient Monitoring Under Alarm Fatigue.” <i>Operations Research</i> 70(5):2749-2766. - Presented at <i>MSOM Healthcare SIG 2022</i>. Acceptance Rate: 16% . Winner of the <i>Health Care Operational Research SIG Oral Presentation Competition, Canadian Operational Research Society (CORS)</i>, 2021. Finalist in the <i>Lee B. Lusted Student Prize Competition, 42nd Annual Meeting of the Society for Medical Decision Making</i>, 2020. - Heng Zhang, Hossein Piri, Tim Huh, Honming Li. (2025). “Assortment Optimization Under Multiple-Discrete Customer Choices.” - Under Third Round Review at <i>Manufacturing & Service Operations Management (MSOM)</i>. Available at SSRN 3988982. Hossein Piri, Tim Huh, Eunho Chang, Chulung Lee. (2024). “Firm-Centric and Customer-Centric Flexible Products.” Available at SSRN 4580410. R&R at <i>Manufacturing & Service Operations Management (MSOM)</i>.	

- Michael Lingzhi Li, **Hossein Piri**. (2025). “When Less is More: Optimizing Prescription Alerts under Fatigue.”
 - **Best Paper Award**, *Center for Business of Life Sciences (CBLS) Workshop*, Indiana University Kelley School of Business, 2025.
 - Under **First Round Review** at *Operations Research*. Available at SSRN 5119868.

Work in Progress (Authors Listed Alphabetically)

- Brian Denton (University of Michigan Industrial and Operations Engineering), Ashley Hesson (University of Michigan Medical School), **Hossein Piri** (Calgary Haskyane Business School). “Dynamic Admission Control for Pre-Delivery Long-Term Care in Capacity-Limited Maternity Services.”
- Marco Bijvank (Calgary Haskyane Business School), Darren Brenner (Calgary Cumming School of Medicine), Omar Khan (Calgary Cumming School of Medicine), Hamed Milani (Calgary Haskyane Business School), **Hossein Piri** (Calgary Haskyane Business School). “Trade-offs of Breast Cancer Screening Scenarios in Canada: A Microsimulation Modeling Study.”

Teaching Experience

Instructor, University of Calgary.

- **MBA**, MGST 631: “Prescriptive Analytics”, Fall 2025, Sec L01, Evaluation : **TBA**.
- **BComm**, SCMA 451: “Supply Chain Analytics”, Fall 2025, Sec L01, Evaluation: **TBA**.
- **MBA**, MGST 631: “Prescriptive Analytics”, Fall 2024, Sec L01, Evaluation : **5/5**.
- **BComm**, SCMA 451: “Supply Chain Analytics”, Fall 2024, Sec L01 & L02, Evaluation: **5/5**.
- **MBA**, MGST 631: “Prescriptive Analytics”, Fall 2023, Sec L01, Evaluation: **7/7**.
- **BComm**, SCMA 451: “Supply Chain Analytics”, Fall 2023, Sec L01, Evaluation: **6.5/7**.
- **BComm**, SCMA 451: “Supply Chain Analytics”, Fall 2022, Sec L01, Evaluation: **6.9/7**.
- **BComm**, MGST 391: “Business Analytics”, Fall 2022, Sec L05, Evaluation: **6.9/7**.
- **BComm**, MGST 391: “Business Analytics”, Fall 2022, Sec L06, Evaluation: **7/7**.

Instructor, University of British Columbia.

- **Undergraduate**, “Logistics and Operations Management”, Summer 2021, **Online**, Evaluation: **4.8/5**.
 - Recognized by the UBC **Killam Teaching Award**

Research Funding

- **Natural Sciences and Engineering Research Council of Canada (NSERC)**, **Discovery Grant (DG)**, “Optimizing Patient Monitoring and Care under Uncertainty”, 2025.
 - **Role**: Principal Investigator
 - **Funding Period**: April 2025 – March 2030
 - **Total Funding**: \$201,500 (\$38,000/year for 5 years + \$12,500 Discovery Launch Supplement)
- **Social Sciences and Humanities Research Council of Canada (SSHRC)**, **Insight Development Grant (IDG)**, “Enhancing Nurse Well-being: Innovating Hospital Conditions for Improved Mental Health”, 2024.
 - **Role**: Principal Investigator
 - **Funding Period**: June 2024 - May 2026
 - **Total Funding**: \$ 69,118

Honors and Awards

- **CHAIR Fellowship for Research Excellence**, Haskayne School of Business, University of Calgary, 2025–2030.
 - Includes \$20,000 research stipend, \$10,000 research support, and one course release annually.
- **Superior Service Award (Professor)**, Haskayne School of Business, University of Calgary, 2024.
 - In recognition of outstanding contributions to the students of the Haskayne School of Business.
- **Dean’s Research Scholar (DRS)**, Haskayne School of Business, University of Calgary, 2023.
 - As a DRS, I was granted two additional course releases in addition to the standard course release provided to pre-tenure faculty members.
- **Nominee for Students’ Union Teaching Excellence Award**, University of Calgary, 2023.
- **UBC Killam Teaching Award**, 2022.
- **Winner of the Health Care Operational Research SIG Oral Presentation Competition**, Canadian Operational Research Society (CORS), 2021.
- **Finalist in the Lee B. Lusted Student Prize Competition**, 43rd Annual Meeting of the Society for Medical Decision Making, 2021.
- **Dean Earle D MacPhee Memorial Fellowship in Commerce and Business Administration**, University of British Columbia, 2017-2021.
- **Shelby L. Brumelle Memorial Graduate Scholarship**, University of British Columbia, 2021.
- **President’s Academic Excellence Initiative PhD Award**, University of British Columbia, 2020.
- **Finalist in the Lee B. Lusted Student Prize Competition**, 42nd Annual Meeting of the Society for Medical Decision Making, 2020.
- **Shelby L. Brumelle Memorial Graduate Scholarship**, University of British Columbia, 2019.
- **Sauder School of Business Graduate Award**, University of British Columbia, 2017.
- **Faculty of Applied Science Graduate Award**, University of British Columbia, 2014.

Research Translation

- **Haskayne Business Exchange (HBE): Healthy Workplaces – The Human Cost of Systemic Failures**, “The Alarming Truth: Supporting Clinician Well-Being and Saving Lives in Healthcare”, University of Calgary, March 2025.
- **CTV National News with Colton Prail, Canadian Television Network (CTV)**, “Potential Labor Dispute at the Port of Montreal and the Rising Trend of Labor Strikes Disrupting Canada’s Supply Chains”, September 29, 2024.
Link: <https://lnkd.in/gfb3DqTp>.
- **CBC 6 pm News with Rob Brown, Canadian Broadcasting Corporation (CBC)**, “The Potential Impact of a Rail Work Stoppage on Canada’s Supply Chains”, August 20, 2024.
Link: <https://www.cbc.ca/player/play/video/9.6486587>. (See the 5:04 minute mark).
- **CBC Radio Interview with Meegan Raed, Canadian Broadcasting Corporation (CBC)**, “The Impact of Labour Minister’s Decision on CN Rail’s Call for Binding Arbitration on Supply Chains and Prices”, August 16, 2024.

Invited Research Seminars

- University of Toronto, Rotman School of Business, 2023.
- University of British Columbia, Faculty of Pharmaceutical Sciences, 2023.
- Simon Fraser University, Department of Mathematics, 2023.
- University of British Columbia, Faculty of Forestry, 2023.
- University of Texas at Dallas, Jindal School of Management, 2022.
- University of British Columbia, Sauder School of Business, 2021.

Conference Presentations and Contributions

- INFORMS Annual Meeting, Seattle, Oct 2024, 1 paper.
- INFORMS Annual Meeting, Phoenix, Oct 2023, 1 paper.
- INFORMS Healthcare Conference, Toronto, July 2023, 2 papers.
- INFORMS MSOM Conference, Montreal, June 2023, 1 paper.
- POMS Annual Conference, Orlando, May 2023, 2 papers.
- INFORMS Annual Meeting, Indianapolis, Oct 2022, 1 paper
- MSOM Healthcare SIG conference, Munich, June 2022, 1 paper
- 43rd Annual Meeting of the Society for Medical Decision Making, Virtual, Oct 2021, 1 paper.
- 42nd Annual Meeting of the Society for Medical Decision Making, Virtual, Oct 2020, 1 paper.

Academic Services

- **Committee Memberships**
 - PhD Advisory Committee, Haskayne School of Business, The University of Calgary, 2024.
 - * In this committee, we set general policies and guidelines for the PhD program.
 - Faculty Hiring Committee, The University of Calgary, 2024.
 - * Haskayne School of Business and Physics Department.
 - PhD Students Admission Committee, Haskayne School of Business, The University of Calgary, Since 2023.
 - PhD Examination Committee, The University of Calgary, Since 2023.
- **Reviewer**
 - *Management Science* (2 papers) .
 - *Operations Research*. (1 paper) .
 - *Manufacturing & Service Operations Management*. (5 papers)
 - *Production and Operations Management* (1 paper) .
 - *Journal of the Operational Research Society*. (1 paper) .
- **Session Chair**
 - POMS International Conference, 2024.
 - INFORMS Annual Meeting 2020, 2021, 2022, 2024.
 - INFORMS Healthcare Conference, 2023.
 - CORS/INFORMS International Conference, 2022.
 - POMS 32nd Annual Conference, 2022.
 - Winter Simulation Conference 2021.
 - CORS Annual Meeting, 2021.
- President of the PhD Students Society, University of British Columbia, 2018-2019.