

# Hossein Piri

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**Contact Information**      Operations and Supply Chain Management Area      *Phone:* (403) 220-7784  
Haskayne School of Business      *E-mail:* hossein.piri@ucalgary.ca  
University of Calgary      *Website:* profiles.ucalgary.ca/hossein-piri  
Scurfield Hall 136, 2500 University Drive NW,  
Calgary, AB T2N 1N4, Canada

**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)      **2017 - 2023**  
Dissertation Title: “**Essays in Healthcare Operations Research**”.  
Advisors: Profs. Steven Shechter, Tim Huh, and Mahesh Nagarajan.  
**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.” *Operations Research* 70(5):2749-2766.
  - Presented at *MSOM Healthcare SIG 2022*. Acceptance Rate: 16% .
  - **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, 42<sup>nd</sup> Annual Meeting of the Society for Medical Decision Making*, 2020.
- Heng Zhang, **Hossein Piri**, Tim Huh, Honming Li. (2023). “Assortment Optimization Under Multiple-Discrete Customer Choices.”
  - Invited for the **Third Round Review** at *Manufacturing & Service Operations Management (MSOM)*. 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 *Manufacturing & Service Operations Management (MSOM)*.

## Work in Progress

(Authors Listed Alphabetically) • Michael Lingzhi Li (Harvard Business School), **Hossein Piri** (Calgary Haskayne Business School). “When Less is More: Optimizing Prescription Alerts under Fatigue.”

– **Best Paper Award**, *Center for Business of Life Sciences (CBLIS) Workshop*, Indiana University Kelley School of Business, 2025.

- Bryce McLaughlin (Wharton), **Hossein Piri** (Calgary Haskayne Business School), M. Reza Skandari (Imperial College London). “Dynamic Patient-Centered Warning System: Enhancing Patient Safety in Multi-Patient Care Environments.”

## Teaching Experience

**Instructor**, University of Calgary.

- **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**, 43<sup>rd</sup> 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**, 42<sup>nd</sup> 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
- 43<sup>rd</sup> Annual Meeting of the Society for Medical Decision Making, Virtual, Oct 2021, 1 paper.
- 42<sup>nd</sup> 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 32<sup>nd</sup> Annual Conference, 2022.
  - Winter Simulation Conference 2021.
  - CORS Annual Meeting, 2021.
- President of the PhD Students Society, University of British Columbia, 2018-2019.