

## Hossein Piri

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<b>Contact Information</b>	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> (778) 855 1370 <i>E-mail:</i> hossein.piri@ucalgary.ca <i>Website:</i> profiles.ucalgary.ca/hossein-piri
<b>Academic Employment</b>	<b>University of Calgary, Haskayne School of Business</b> , Calgary, AB, Canada <ul style="list-style-type: none"><li>Assistant Professor, Operations and Supply Chain Management</li></ul> <b>2022 - present</b>	
<b>Education</b>	<b>University of British Columbia, Sauder School of Business</b> , Vancouver, BC, Canada <ul style="list-style-type: none"><li>Ph.D. in Business Administration (Management Science) Dissertation Title: “Essays in Healthcare Operations Research”. Advisors: Profs. Steven Shechter, Tim Huh and Mahesh Nagarajan.</li></ul> <b>2017 - 2023</b>	
	<b>University of British Columbia</b> , Vancouver, BC, Canada <ul style="list-style-type: none"><li>M.A.Sc. in Chemical Engineering</li></ul> <b>2014 - 2017</b>	
	<b>Amirkabir University of Technology</b> , Tehran, Iran <ul style="list-style-type: none"><li>B.Sc. in Chemical Engineering (Honors Degree)</li></ul> <b>2009 - 2013</b>	
<b>Research Interests</b>	<b>Applications:</b> <ul style="list-style-type: none"><li>Healthcare Operations</li><li>Human-AI interaction</li><li>Behavioral Operations</li><li>Revenue Management</li></ul>	<b>Methods:</b> <ul style="list-style-type: none"><li>Dynamic Programming</li><li>Optimization</li><li>Data-Driven Methods</li></ul>
<b>Publications</b>	<ul style="list-style-type: none"><li><b>Hossein Piri</b>, Tim Huh, Steven Shechter, Darren Hudson (2022). “Individualized Dynamic Patient Monitoring Under Alarm Fatigue.” <i>Operations Research</i> 70(5):2749-2766.<ul style="list-style-type: none"><li>Presented at <i>MSOM Healthcare SIG</i> conference, Munich, 2022.</li><li><b>Winner</b> of the <i>Health Care Operational Research SIG Oral Presentation Competition, Canadian Operational Research Society (CORS)</i>, 2021.</li><li><b>Finalist</b> in the <i>Lee B. Lusted Student Prize Competition, 42<sup>nd</sup> Annual Meeting of the Society for Medical Decision Making</i>, 2020.</li></ul></li><li>Heng Zhang, <b>Hossein Piri</b>, Tim Huh, Honming Li. (2023). “Assortment Optimization Under Multiple-Discrete Customer Choices.”<ul style="list-style-type: none"><li>Invited for <b>2<sup>nd</sup> round review</b> at <i>Manufacturing &amp; Service Operations Management</i>.</li></ul></li><li><b>Hossein Piri</b>, Mahesh Nagarajan, Steven Shechter. “Optimal Scheduling of a Multi-Clinic Healthcare Facility in the Course of a Pandemic.” To be submitted to <i>Manufacturing &amp; Service Operations Management</i>.<ul style="list-style-type: none"><li>Manuscript derived from my <b>Ph.D. dissertation</b>, University of British Columbia, 2023.</li></ul></li></ul>	

– **Finalist** in the *Lee B. Lusted Student Prize Competition*, 43<sup>rd</sup> Annual Meeting of the Society for Medical Decision Making, 2021.

- **Hossein Piri**, Tim Huh, Eunho Chang, Chulung Lee. “Firm-Centric and Customer-Centric Flexible Products.” Available at SSRN 4580410. To be submitted to *Manufacturing & Service Operations Management*.

## Work in Progress

- Michael Lingzhi Li, Hossein Piri. “Optimizing Drug Interaction Alerts: A Grouping-Based Approach to Mitigate Alert Fatigue Among Clinicians.” Target: *Management Science*.
- Bryce McLaughlin, Hossein Piri, M. Reza Skandari. “Dynamic Patient-Centered Warning System: Enhancing Patient Safety in Multi-Patient Care Environments.” Target: *Operations Research*.
- Setareh Farajollahzadeh, Hossein Piri. “Optimizing Healthcare Thresholds for Cancer Screening: An Equity and Diversity-Centric Approach.” Target: *Management Science*.

## Teaching Experience

**Instructor**, University of Calgary.

- MBA, “Prescriptive Analytics”, Fall 2023, Sec L01, Evaluation: TBA.
- Undergraduate, “Supply Chain Analytics”, Fall 2023, Sec L01, Evaluation: TBA.
- Undergraduate, “Business Analytics”, Fall 2022, Sec L06, Evaluation: **7/7**.
- Undergraduate, “Business Analytics”, Fall 2022, Sec L05, Evaluation: **6.9/7**.
- Undergraduate, “Supply Chain Analytics”, Fall 2022, Sec L01, Evaluation: **6.9/7**.

**Instructor**, University of British Columbia.

- Undergraduate, “Logistics and Operations Management”, Summer 2021, Evaluation: **4.8/5**.
  - Recognized by the UBC **Killam Teaching Award**
    - \* University-wide award for teaching excellence

## Honors and Awards

- **Dean’s Research Scholar (DRS)**, Haskayne School of Business, University of Calgary
  - As a DRS, I was granted two additional course releases, in addition to the standard course release provided to pre-tenure faculty members.
- **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.

## Invited Research Seminars

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

## Conference Presentations

- **Piri H.**, Huh W.T., Shechter S., Hudson D. (2021). Individualized Dynamic Patient Monitoring Under Alarm Fatigue.
  - INFORMS Healthcare Conference, Toronto, July 2023.
  - INFORMS Annual Meeting, Virtual, October 2021.
  - INFORMS MSOM Conference, Virtual, June 2021.
  - CORS Annual Meeting, Virtual, June 2021.
  - POMS 31<sup>st</sup> Annual Conference, Virtual, May 2021.
  - INFORMS Annual Meeting, Virtual, November 2020.
  - 42<sup>nd</sup> Annual Meeting of the Society for Medical Decision Making, Virtual, October 2020.
  - INFORMS Annual Meeting, Seattle, USA, October 2019.
- **Piri H.**, Nagarajan M., Shechter S., (2021). Optimal Scheduling of a Multi-Clinic Healthcare Facility in the Course of a Pandemic.
  - INFORMS Annual Meeting, Virtual, October 2021.
  - 43<sup>rd</sup> Annual Meeting of the Society for Medical Decision Making, Virtual, October 2021.
  - INFORMS MSOM Conference, Virtual, June 2021.
  - Winter Simulation Conference, Virtual, December 2021.

## Academic Services

- **Reviewer**
  - *Operations Research*.
  - *Manufacturing & Service Operations Management*.
  - *Journal of the Operational Research Society*.
- **Session Chair**
  - INFORMS Healthcare Conference, 2023.
  - INFORMS Annual Meeting 2020, 2021, 2022.
  - 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.

## References

### Steven Shechter

Professor  
Sauder School of Business  
University of British Columbia  
E-Mail: [steven.shechter@sauder.ubc.ca](mailto:steven.shechter@sauder.ubc.ca)

### Tim Huh

Professor and Chair  
Sauder School of Business  
University of British Columbia  
E-Mail: [tim.huh@sauder.ubc.ca](mailto:tim.huh@sauder.ubc.ca)

### Mahesh Nagarajan

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Sauder School of Business  
University of British Columbia  
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