

Amin Aslani

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ACADEMIC APPOINTMENT

2023 - Present **Alberta School of Business, University of Alberta, Canada**
Postdoctoral Fellow
Project: Augmented Reality vs. Physical Stores; A Strategic Study of Market Share and Capital Investment in Omnichannel Retailing

EDUCATION

2018 - 2023 **Haskayne School of Business, University of Calgary, Canada**
Ph.D. in Operations and Supply Chain Management
Thesis: Three Essays on Assortment Planning in Omni-Channel Retail Supply Chains

2015 - 2018 **University of Tehran, Iran**
M.Sc. in Industrial Engineering
Thesis: Coordination of a Dual-Channel Supply Chain under Channel Disruption

2011 - 2015 **Iran University of Science and Technology, Iran**
B.Sc. in Industrial Engineering

RESEARCH INTERESTS

Applications: Omnichannel Retail Operations Management, Supply Chain Sustainability and Coordination, Logistics Management

Methodologies: Stochastic Optimization and Processes, Game Theory, Combinatorial Optimization

PUBLICATIONS

Under Review/Working Papers

- (1) **Scope Contracts to Coordinate Assortment Planning in Omnichannel Retail Supply Chains**
Status: Under Review in *Manufacturing & Service Operations Management*
A. Aslani, O. Alp, 2023
- (2) **Assortment Planning in Omnichannel Retailing Under Product Returns and Showcase Capacity**
Status: Under Second Review after one R&R in *Naval Research Logistics*
A. Aslani, O. Alp, 2022
- (3) **Assortment Planning and Regret Analysis in Omnichannel Retail Supply Chains Under Information Asymmetry**
Status: Work-in-Progress

Published Papers

- (1) J. Heydari, K. Govindan, A. Aslani. 2019. Pricing and Greening Decisions in a Three-Tier Dual Channel Supply Chain. *Int. Journal of Production Economics*, 217, 185-196.
- (2) A. Aslani, J. Heydari. 2019. Transshipment Contract for Coordination of a Green Dual-Channel Supply Chain Under Channel Disruption. *Journal of Cleaner Production*, 223, 596-609.
- (3) A. Aslani, A. Taleizadeh, S. Zanoni. 2017. An EOQ Model with Partial Backordering with Regard to Random Yield: Two Strategies to Improve Mean and Variance of the Yield. *Computers and Industrial Engineering*, 112, 379-390.
- (4) J. Heydari, A. Aslani, A. Sabbaghnia. 2020. A Collaborative Scenario-Based Decision Model for a Disrupted Dual-Channel Supply Chain: Benchmarking Against the Centralized Structure. *Benchmarking: An International Journal*, 27(3), 933-957.
- (5) J. Razmi, A. Aslani, SH. Amin. 2018. A Surcharge Pricing Scheme for Coordinating the Supply Chain of Deteriorating Products Under the JIT Environment. *International Journal of Business Performance and Supply Chain Modelling*, 10(2), 146-164.

INVITED SEMINARS AND CONFERENCE PRESENTATIONS

Scope Contracts to Coordinate Assortment Planning in Omnichannel Retail Supply Chains

- Production and Operations Management (POMS) International Conference, July 2023, Paris
- Manufacturing & Service Operations Management Conference, June 2023, Montreal, QC
- Asper School of Business, University of Manitoba, April 2023, Winnipeg, MB

Assortment Planning in Omnichannel Retailing Under Product Returns and Showcase Capacity

- Bissett School of Business, Mount Royal University, March 2023, Calgary, AB
- INFORMS International/CORS Conference, June 2022, Vancouver, BC
- Canadian Operational Research Society (CORS) Conference, June 2021, Toronto, ON
- INFORMS Annual Meeting, November 2020, Maryland, MD (online)

TEACHING EXPERIENCES

Instructor

University of Calgary:

OPMA 421: Business Data Visualization (In-person, Evaluation: 6/7)	Fall 2022
OPMA 317: Fundamentals of Operations and Supply Chain Management (Online and in-person, Evaluation: 6/7)	Winter 2022
OPMA 317: Fundamentals of Operations and Supply Chain Management (Online and in-person)	Fall 2021
DATA 624: Advanced Exploration and Visualization in Health (Graduate level- Invited to teach 4 lectures of 12 at the Cumming School of Medicine)	Winter 2023

Ambrose University:

BUS 370: Management Information Systems
(In-person)

Fall 2022

Teaching Assistant

University of Calgary:

SCMA 451: Supply Chain Analytics

Fall 2020

OPMA 317: Fundamentals of Operations and Supply Chain Management

Winter 2020

AWARDS AND SCHOLARSHIPS

Alberta Graduate Excellence Scholarship

University of Calgary, Calgary, AB, 2020

Haskayne Founders' Circle Graduate Scholarship

Haskayne School of Business, University of Calgary, Calgary, AB, 2021

Faculty of Graduate Studies Scholarship (FGSS)

University of Calgary, Calgary, AB, 2021 - 2022

Summer Research Award

Haskayne School of Business, University of Calgary, Calgary, AB, 2019

Nova Scotia Research and Innovation Graduate Scholarship

Dalhousie University, Halifax, NS, 2018 (awarded but declined)

CERTIFICATES

Teaching Skills Workshop

Taylor Institute for Teaching and Learning, University of Calgary, Spring 2020

ACADEMIC SERVICES

Ad-hoc Reviewer For

European Journal of Operational Research (×3)

Int. Journal of Production Research (×4)

Computers & Industrial Engineering (×3)

Journal of Cleaner Production (×4)

TECHNICAL SKILLS

Programming Languages: MATLAB, Python

Software: GAMS, Tableau, Wolfram Mathematica

REFERENCES

Osman Alp, Ph.D. Supervisor

Area Chair and Professor, Haskayne School of Business, University of Calgary

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