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**CURRICULUM VITAE**

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**MEHMET GUMUS**

Professor of Operations Management  
Desautels Chair in Supply Chain Management and Analytics  
Academic Director, Master of Management in Analytics (Online)  
Desautels Faculty of Management, McGill University

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**RESEARCH INTERESTS**

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- \* **Context:** Supply Chain Risk/Information Management, Operations/Marketing Interface, Retail Management, Consumer Behavior Models in Operations Management, Dynamic Pricing and Inventory Control.
- \* **Methodology:** Optimization, Game Theory, Mechanism Design, and Dynamic Programming.

**EDUCATIONAL BACKGROUND**

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- \* *Ph.D. in Industrial Engineering & Operations Research*, 2005 – 2007.  
[Department of Industrial Engineering & Operations Research](#), **University of California, Berkeley**.  
*Dissertation:* The effect of inter-temporal demand interactions.
- \* *M.A. in Economics*, 2005 – 2007.  
[Department of Economics](#), **University of California, Berkeley**.  
*Field Exams:* Industrial Organization and Macroeconomics.
- \* *M.S. in Industrial Engineering & Operations Research*, 2000 – 2002.  
[Department of Industrial Engineering & Operations Research](#), **University of California, Berkeley**.
- \* *B.S. in Control Systems Engineering*.  
[Turkish Naval Academy](#), Istanbul, Turkey, 1993 – 1997.

**ACADEMIC/PROFESSIONAL EXPERIENCE**

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- \* [Desautels Faculty of Management](#), [McGill University](#)  
Professor, Operations Management, 2020 – Present.  
Associate Professor, Operations Management, 2013 – 2020.  
Assistant Professor, Operations Management, 2007 – 2013.
- \* [Analytica Software LLC](#), Co-founder.  
May 2015 – Present
- \* *Turkish Navy, Turkey*.  
Naval Officer, 1997 – 2000, 2002 – 2005.

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 REFEREED JOURNAL PAPERS
 

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- [J1] Zahra Jalali, Maxime Cohen, Necati Ertekin, and **Mehmet Gumus**. [Offline-Online Retail Collaboration via Pickup Partnership](#). *Forthcoming. Service Science*, 2026.
- [J2] Quan Zhou, **Mehmet Gumus**, and Sentao Miao. [E-commerce Order Fulfillment Problem with Limited Time Window](#), Vol. 73 (6), pp. 2867-3452, *Operations Research*, 2025.
- [J3] Sena Onen-Oz, **Mehmet Gumus**, and Wei Qi. [Coins, Cards, or Apps: Impact of Payment Methods on Street Parking Occupancy and Wait Times](#). Vol. 34 (11), pp. 3647-3666. *Production and Operations Management*, 2025.
- [J4] Long Gao, Dawei Jian, Mehmet Gumus, Barry Mishra. [Managing Channel Profits with Positive Demand Externalities](#), Vol. 71 (10), pp. 8097-8993, *Management Science*, 2025.
- [J5] Yueran Zhuo, Senay Solak, Mehmet Gumus, and Allen Li. [A Budgeting Resource Allocation Model for Capacity Expansion](#). Vol. 273, 109261. *International Journal of Production Economics*, 2024.
- [J6] Recep Bekci, **Mehmet Gumus**, Sentao Miao. [Inventory Control and Learning for One-Warehouse Multi-Store System with Censored Demand](#). Vol.71 (6), pp. 2092-2110, *Operations Research*, 2023.
- [J7] Mohammad Nikoofal, Morteza Pourakbar, and **Mehmet Gumus**. [Securing Containerized Supply Chain through Public and Private Partnership](#). Vol. 32 (7), pp. 2341-2361, *Production and Operations Management*, 2023.
- [J8] Necati Ertekin, **Mehmet Gumus**, and Mohammad Nikoofal. [Online-Exclusive or Hybrid? Channel Merchandising Strategies for Ship-to-Store Implementation](#), Vol. 68, No. 8, pp. 5557-6354, *Management Science*, 2022.
- [J9] Elcin Ergin, **Mehmet Gumus**, and Nathan Yang. [An Empirical Analysis of Intra-Firm Product Substitutability in Fashion Retailing](#), Vol 31 (2), pp. 607-621, *Production and Operations Management*, 2022.
- [J10] Mohammad Nikoofal, and **Mehmet Gumus**. [Value of Audit for Supply Chains with Hidden Action and Information](#), Vol. 285 (3), pp. 902-915, *European Journal of Operational Research*, 2020.
- [J11] Hedayat Alibeiki and Mehmet **Gumus**. [Supply Competition under Quality Scores: Motivations, Information Sharing and Credibility](#), Vol. 226 (8), *International Journal of Production Economics*, 2020.
- [J12] Senay Solak, Armagan Bayram, **Mehmet Gumus**, and Yueran Zhuo. [Optimizing Foreclosed Housing Acquisitions in Societal Response to Foreclosures](#), Vol. 67 (4), pp. 905-1208, *Operations Research*, 2019.
- [J13] Mohammad Nikoofal, and **Mehmet Gumus**. [Supply Diagnostic Incentives under Endogenous Information Asymmetry](#), Vol. 28 (3), pp. 588-609, *Production and Operations Management*, 2019.
- [J14] Manaf Zargoush, **Mehmet Gumus**, Vedat Verter, and Stella Daskalopoulou. [Designing Risk-Adjusted Therapy for Patients with Hypertension](#), Vol. 27 (12), pp. 2291-2312, *Production and Operations Management*, 2018.
- [J15] Mohammad Nikoofal, and **Mehmet Gumus**. [Quality at the Source or at the End? Managing Supplier Quality Under Information Asymmetry](#), Vol. 20(3), pp. 498–516, *Manufacturing & Service Operations Management*, 2018.
- [J16] Xiaofeng Nie, Tamer Boyaci, **Mehmet Gumus**, Saibal Ray and Dan Zhang. [Joint Procurement and Demand-Side Bidding Strategies under Price Volatility](#), Vol 257(1-2) pp. 121-165, *Annals of Operations Research*, 2017.

- [J17] **Mehmet Gumus**, Phil Kaminsky and Sameer Mathur. [The Impact of Product Substitution and Retail Capacity on the Timing and Depth of Price Promotions: Theory and Evidence](#), Vol. 54, No. 7, pp. 2108–2135, *International Journal of Production Research*, 2016.
- [J18] Xiao Huang, Tamer Boyaci, **Mehmet Gumus**, Saibal Ray and Dan Zhang. [United We Stand, Divided We Fall: Strategic Supplier Alliances under Default Risk](#), Vol. 62, No. 5, pp. 1297–1315, *Management Science*, 2016.
- [J19] Mohammad Nikoofal, and **Mehmet Gumus**. [On the Value of Terrorist's Private Information in Government's Defensive Resource Allocation Problem](#), Vol. 47, No.6, pp. 533–555, *IIE Transactions*, 2015 (Covered by [Bloomberg Business](#), [SourceWire News](#) and [Insurance Business](#) on Jan 07, 2015.)
- [J20] **Mehmet Gumus**. [With or Without Forecast Sharing: Credibility and Competition under Information Asymmetry](#), *Production and Operations Management*, 2014, Vol. 22(10) pp. 1732-1747.
- [J21] **Mehmet Gumus**, Saibal Ray and Shuya Yin. [Channel Returns Policies Between Channel Partners for Durable Products with Used Goods](#), *Marketing Science*, 2013, Vol. 32(4) pp. 622-643.
- [J22] **Mehmet Gumus**, Shanling Li, Wonseok Oh, and Saibal Ray. [Shipping Fees or Shipping Free? Impact of Product and Retailer Characteristics on Shipping Charges in E-Commerce](#), *Production and Operations Management*, 2013, Vol. 22(4), pp.758-776.
- [J23] **Mehmet Gumus**, Saibal Ray and Haresh Gurnani. [Supply Side Story: Risks, Guarantees, and Information Asymmetry](#), *Management Science*, 2012, Vol. 58 (9) pp. 1694-1714. (This paper won **2015 MSOM IFORM Best Paper Award** that is given to the best paper published in the prior three years in the interface of Finance, Operations, and Risk Management (iFORM).)
- [J24] Haresh Gurnani, **Mehmet Gumus**, Saibal Ray, and Tridip Ray. [Optimal Procurement Strategy Under Supply Risk](#), *Asia-Pacific Journal of Operations Research*, 2012, Vol. 29(1), pp. 1240006-1/31.
- [J25] Weifen Zhuang, **Mehmet Gumus**, and Dan Zhang. [A Single-Resource Revenue Management Problem with Random Resource Consumptions](#), *Journal of Operational Research Society*, 2012, Vol. 63, 1213-1227
- [J26] Hyun-soo Ahn, **Mehmet Gumus**, and Phil Kaminsky. [Inventory, Periodic Discounts, and the Timing Effect](#), *Manufacturing & Service Operations Management*, 2009, Vol. 11(4), pp. 613-629.
- [J27] Hyun-soo Ahn, **Mehmet Gumus**, and Phil Kaminsky. [Pricing and Manufacturing Decisions when Demand is a Function of Prices in Multiple Periods](#), *Operations Research*, 2007, Vol. 55(6), pp. 1039-1057.

#### PAPERS IN REVIEW/UNDER REVISION/WORK-IN-PROCESS

- [Js1] **Mehmet Gumus**, Sara Jaber, Mohammad Nikoofal, Taner Bilgic, Arcan Nalca. The Impact of Competitive Intelligence Services on Online Marketplaces. (**Minor Revision at POM**).
- [Js2] Manaf Zargoush, **Mehmet Gumus**, Vedat Verter, and Stella Daskalopoulou. On the Significance of Measurement Noise and Physician Judgment Bias in Hypertension Management (**Major Revision at POM**).
- [Js3] Zahra Jalali, Beste Kucukyazici, **Mehmet Gumus**. The Effects of Boarding Patients on Treatment Time in Emergency Department. (**Major Revision at POM**).
- [Js4] Mohammad Nikoofal, Manaf Zargoush, and **Mehmet Gumus**. Economic Incentives to Enhance Supply Chain Security (**Major Revision at POM**).

- [Js5] Quan Zhou, **Mehmet Gumus**, Sentao Miao. Beyond One-Size-Fits-All: Personalized Delivery and Fulfillment Optimization. **(Major Revision at Operations Research)**.
- [Js6] Alireza Alavi, Mehmet Gumus, Javad Nasiry. Designing Size Inclusive Fashion Assortments **(Major Revision at Manufacturing & Service Operations Management)**.
- [Js7] Jean-Sebastien Matte, **Mehmet Gumus**, Robert Roederkerk. Lowering the environmental impacts of fashion retail assortments: Balancing profit maximization and impact minimization **(Submitted to Manufacturing & Service Operations Management)**.
- [Js8] Recep Bekci, Mehmet Gumus, Sentao Miao. Return Concerned Adaptive Control of Product Offerings.
- [Js9] Jean-Sebastien Matte, **Mehmet Gumus**, Javad Nasiry. Understanding the multidimensional effects of product variety on customer behavior: A large-scale empirical study in online fast fashion retail.
- [Js10] Zahra Jalali, Maxime Cohen, Necati Ertekin, **Mehmet Gumus**. Vertical Product Location Effect on Sales: A Field Experiment in Convenience Stores.
- [Js11] Aysun Mutlu, Sanjith Gopalakrishnan, **Mehmet Gumus**, Saibal Ray. Promotion Incentives and Customer Lifetime Value: Field Experiment with a Subscription Meal Kit Service.
- [Js12] Ke Sun, Daniel Ding, **Mehmet Gumus**, and Quan Zhou. AI-Driven Resilience in Agrifood: Optimizing Operations in Quebec's Online Grocery Platforms.
- [Js13] Han Zhu, **Mehmet Gumus**, Saibal Ray. Short-term Housing Rentals and Corporatization of Platform Pricing.
- [Js14] Wenju Niu, **Mehmet Gumus**, Saibal Ray, Houcai Shen and Shuya Yin. Guaranteed Trade-in Prices: Deconstructing its Value for Retailers and Consumers.
- [Js15] Fei Qin, **Mehmet Gumus**, and Saibal Ray. Agri-food Supply Chain Innovations.
- [Js16] Pouya Ebrahimi and **Mehmet Gumus**. Transfer Pricing for Multinational Supply-Chains.
- [Js17] **Mehmet Gumus**, Phil Kaminsky, Erik Tiemroth and Mehmet Ayik. A Multistage Decomposition Heuristic for the Container Stowage Problem.

#### REFEREED CONFERENCE PROCEEDINGS

- [C1] **Mehmet Gumus**, Orchi Bhattacharyya, Necati Ertekin, Karen Donohue. Going local: Authenticity of retailers' buy-from-local-suppliers programs. *2025 Food Waste Workshop*, University of Massachusetts, Amherst, MA.
- [C2] Quan Zhou, **Mehmet Gumus**, Sentao Miao. Beyond One-Size-Fits-All: Personalized Delivery and Fulfillment Optimization. *M&SOM 2025 Conference Proceedings*, London, UK.
- [C3] Alireza Alavi, Mehmet Gumus, Javad Nasiry. Designing Size Inclusive Fashion Assortments. *M&SOM 2025 Conference Proceedings*, London, UK.
- [C4] Zahra Jalali, Maxime Cohen, Necati Ertekin, **Mehmet Gumus**. Vertical Product Location Effect on Sales: A Field Experiment in Convenience Stores. *M&SOM 2024 SIG Conference Proceedings*, Minneapolis, MN.
- [C5] Quan Zhou, **Mehmet Gumus**, Sentao Miao. Beyond One-Size-Fits-All: Personalized Delivery and Fulfillment Optimization. *M&SOM 2024 Conference Proceedings*, Minneapolis, MN.
- [C6] Jean-Sebastien Matte, Mehmet Gumus, Javad Nasiry. Product Variety and Customer Behaviour in

- Online Fast Fashion Retailing. *M&SOM 2023 Conference Proceedings*, Montreal, QC.
- [C7] Sena Onen-Oz, **Mehmet Gumus**, Wei Qi. Coins, Cards, or Apps: Impact of Payment Methods on Street Parking Occupancy and Wait Times. *M&SOM 2023 Conference Proceedings*, Montreal, QC.
- [C8] Recep Bekci, **Mehmet Gumus**, Sentao Miao. Inventory Control and Learning for One-Warehouse Multi-Store System with Censored Demand. *M&SOM 2023 Conference Proceedings*, Montreal, QC.
- [C9] Zahra Jalali, Maxime Cohen, Necati Ertekin, **Mehmet Gumus**. Vertical Product Location Effect on Sales: A Field Experiment in Convenience Stores. *M&SOM 2023 Conference Proceedings*, Montreal, QC.
- [C10] Zahra Jalili, **Mehmet Gumus**, and Beste Kucukyazici. The Effects of Boarding Patients on Treatment Time in Emergency Departments. *M&SOM 2022 Conference Proceedings*, Munich, Germany.
- [C11] Han Zhu, **Mehmet Gumus**, Saibal Ray. Short-term Housing Rentals and Corporatization of Platform Pricing. *M&SOM 2018 Conference Proceedings*, July 2-3, 2018, University of Texas, Dallas, TX.
- [C12] Fei Qin, **Mehmet Gumus**, Saibal Ray. Modeling Agri-food Supply Chain Innovations in Developing Markets, *M&SOM 2015 Conference Proceedings*, June 29-30, 2015, University of Toronto, ON, Canada.
- [C13] Xiao Huang, Tamer Boyaci, **Mehmet Gumus**, Saibal Ray and Dan Zhang. Supplier Alliances under Default Risk, *M&SOM 2014 Conference Proceedings*, June 20-21, 2014, University of Washington, Seattle, WA.
- [C14] Mohammad Nikoofal, and **Mehmet Gumus**. Supply Diagnostic Incentives under Endogenous Information Asymmetry, *M&SOM 2013 Conference Proceedings*, July 28-30, 2013 at INSEAD, Europe Campus, France.
- [C15] Mohammad Nikoofal, and **Mehmet Gumus**. How To (and How Not To) Manage Supplier's Process Improvement: Delegation, Incentives, or Audit. *M&SOM 2012 Conference Proceedings*, June 17-18, 2012, Columbia University, New York City, NY.
- [C16] Xiao Huang, Tamer Boyaci, **Mehmet Gumus**, Saibal Ray and Dan Zhang. Supplier Alliances under Default Risk, *M&SOM 2012 Conference Proceedings*, June 17-18, 2012, Columbia University, New York City, NY.
- [C17] **Mehmet Gumus**, Saibal Ray and Haresh Gurnani. Supply Side Story: Risks, Guarantees, and Information Asymmetry, *M&SOM 2011 Conference Proceedings*, June 26-28, 2011, University of Michigan, Ann Arbor, MI.
- [C18] **Mehmet Gumus**, Saibal Ray and Shuya Yin. Channel Returns Policies for Durable Products, *M&SOM 2011 Conference Proceedings*, June 26-28, 2011, University of Michigan, Ann Arbor, MI.
- [C19] **Mehmet Gumus**. With or Without Forecast Sharing: Does It Really Cause Collusion?, *M&SOM 2011 Conference Proceedings*, June 26-28, 2011, University of Michigan, Ann Arbor, MI.
- [C20] **Mehmet Gumus**. Multi-product Pricing and Inventory Ordering Strategies, *M&SOM 2009*

*Conference Proceedings*, June 28-30, 2009, MIT Sloan School of Management, Cambridge, MA.

- [C21] **Mehmet Gumus**, Shanling Li, Wonseok Oh, and Saibal Ray. Shipping Fees or Shipping Free? Impact of Product and Retailer Characteristics on Shipping Charges in E-Commerce, *M&SOM 2009 Conference Proceedings*, June 28-30, 2009, MIT Sloan School of Management, Cambridge, MA.
- [C22] **Mehmet Gumus**, Phil Kaminsky, Erik Tiemroth and Mehmet Ayik. A Multi-stage Decomposition Heuristic for the Container Stowage Problem, *M&SOM 2008 Conference Proceedings*, June 5-6, 2008, Robert H. Smith School of Business, University of Maryland, College Park, MD.

#### OTHER PUBLICATIONS

- [O1] **Mehmet Gumus**. The inter-temporal demand interactions in Supply Chains. **Ph.D. Dissertation**. University of California at Berkeley. 2007.
- [O2] **Mehmet Gumus**, and Phil Kaminsky. Multi-stage Decomposition Heuristics for Container Stowage Problem. **Technical Report**. Navis LLC. Oakland, CA, 2007.
- [O3] **Mehmet Gumus**. A Tale of Two Information Asymmetries in Competitive Supply Chains. **Handbook of Information Exchange in Supply Chain Management**, Edited by Albert Y. Ha and Christopher S. Tang, Springer Series in Supply Chain Management, Vol. 5, pp. 189-213, 2016.

#### EXTERNAL/INTERNAL GRANTS

- [G1] L'institut De Valorisation Des Données (IVADO)  
**Role: Principal Investigator**  
*Title:* Reducing Cart Abandonment through Dynamic Learning and Optimization of Shipping Policies in E-Commerce Platforms  
*Length:* 2025 – 2026.  
*Total Amount:* **\$40,000**
- [G2] Natural Sciences and Engineering Research Council (NSERC) Discovery Grant.  
**Role: Principal Investigator**  
*Title:* **Learning and Optimizing Data-Driven Supply Chain Strategies for Marketplace Platform Operations**  
*Length:* 2025 – 2030.  
*Total Amount:* **\$240,000 (Share: 100%)**.
- [G3] NOVA - FRQNT-CRSNG pour chercheurs et chercheuses de la relève  
**Role: Co-applicant** (with Prof. Amina Lamghari)  
*Title:* From mine to client: improving the performance, robustness and resilience of mineral supply chain logistics systems  
*Length:* 2023-2026  
*Total Amount:* **\$135,000**
- [G4] Social Sciences and Humanities Research Council - SSHRC  
**Role: Co-applicant** (with Prof. Juan Serpa)  
*Title:* Pests, Community Alerts, and the Cry-Wolf Effect: Theory and Field Experiments in Coffee Plantations  
*Length:* 2023-2026  
*Total Amount:* **\$61,659**

- [G5] Social Sciences and Humanities Research Council - SSHRC  
Role: **Co-applicant** (with Prof. Juan Serpa)  
Title: The Data Mangrove - Building A Sustainability Data Hub (and strengthening its outreach)  
Length: 2023-2026  
Total Amount: **\$48,641**
- [G6] L'institut De Valorisation Des Données (IVADO) Programme de financement de projets de recherche fondamentale.  
Role: **Principal Investigator**  
Title: Data-driven Demand Learning and Sharing Strategies for Two-Sided Online Marketplaces  
Length: 2020 – 2023.  
Total Amount: **\$195,720**
- [G7] Natural Sciences and Engineering Research Council (NSERC) Discovery Grant.  
Role: **Principal Investigator**  
Title: Design and Analysis of Data-driven Pricing and Supply Chain Strategies for Online Multi-sided Platforms  
Length: 2019 – 2025.  
Total Amount: **\$258,000 (Share: 100%)**.
- [G8] Natural Sciences and Engineering Research Council (NSERC) Discovery Grant.  
Role: **Principal Investigator**  
Title: Mechanism Design for a Sustainable Supply Chain Management  
Length: 2014 – 2019.  
Total Amount: **\$100,000 (Share: 100%)**.
- [G9] Natural Sciences and Engineering Research Council (NSERC) Discovery Grant.  
Role: **Principal Investigator**  
Title: Impact of customer behavior on price and inventory management.  
Length: 2009 – 2014.  
Total Amount: **\$85,000 (Share: 100%)**.
- [G10] Natural Sciences and Engineering Research Council (NSERC) Early Career Supplement Grant.  
Role: **Principal Investigator**.  
Title: Impact of customer behavior on price and inventory management.  
Length: 2011 – 2014.  
Total Amount: **\$15,000 (Share: 100%)**.
- [G11] Fonds Québécois de la Recherche sur la Société et la Culture (FQRSC) New Researcher Grant  
Role: **Principal Investigator**.  
Title: Integrated Revenue Management and Transportation Planning.  
Length: 2009 – 2012.  
Total Amount: **\$39,600 (Share: 100%)**.
- [G12] Social Sciences and Humanities (SSH) Development Grant.  
Role: **Principal Investigator**.  
Title: The Impact of Information Sharing on Competitive Supply Chains  
Length: 2011 – 2012.  
Total Amount: **\$4,000 (Share: 100%)**.
- [G13] Social Sciences and Humanities Research Council (SSHRC) Strategic Group Grant.  
Role: **Co-applicant** (with Prof. Tamer Boyaci, Saibal Ray, and Dan Zhang).  
Title: Operational Risk Management in Supply Chains.  
Length: 2008 – 2011.  
Total Amount: **\$129,000**

- [G14] Social Sciences and Humanities Research Council (SSHRC) Partnership Development Grant.  
Role: **Co-applicant** (with Prof. Saibal Ray, et.al.).  
Title: A convergent innovation coalition for sustainable prosperity: development work for agri-food systems.  
Length: 2014 – 2017.  
Total Amount: **\$196,000**
- [G15] Social Sciences and Humanities Research Council (SSHRC) Insight Development Grant.  
Role: **Principal Investigator** (with Prof. Mohammad Nikoofal)  
Title: Models for Public-Private Partnerships to Enhance Homeland Security.  
Length: 2016 – 2018.  
Total Amount: **\$60,000 (Share: 100%)**.
- [G16] MDIIM Faculty Fellow Grant, Desautels Faculty of Management, McGill University  
Role: **Co-applicant** (with Prof. Animesh Animesh)  
Title: Design of Matching Markets in Agriculture and Food Systems for Sustainable Prosperity  
Length: 2015 – 2017.  
Total Amount: **\$25,000**
- [G17] Desautels Faculty Scholar Grant, Desautels Faculty of Management, McGill University  
Role: **Principal Investigator**.  
Title: Robust Mechanism Design for Evolving Supply Chains  
Length: 2014 – 2017.  
Total Amount: **\$75,000 (Share: 100%)**.
- [G18] Start-up Grant, Desautels Faculty of Management, McGill University  
Role: **Principal Investigator**.  
Title: Dynamic Pricing and Production Planning under Inter-Temporal Demand Interactions.  
Length: 2007 – Present.  
Total Amount: **\$60,000 (Share: 100%)**.
- [G19] Bensadoun Faculty Scholar Grant, Desautels Faculty of Management, McGill University  
Role: **Principal Investigator**.  
Length: 2017 – 2019.  
Total Amount: **\$40,000 (Share: 100%)**.
- [G20] Bensadoun Faculty Scholar Grant, Desautels Faculty of Management, McGill University  
Role: **Principal Investigator**.  
Length: 2019 – 2022.  
Total Amount: **\$60,000 (Share: 100%)**.
- [G21] Bensadoun Faculty Scholar Grant, Desautels Faculty of Management, McGill University  
Role: **Principal Investigator**.  
Length: 2022 – 2023.  
Total Amount: **\$60,000 (Share: 100%)**.
- [G22] Desautels Chair, Desautels Faculty of Management, McGill University  
Role: **Principal Investigator**.  
Length: 2024 – 2029.  
Total Amount: **\$200,000 (Share: 100%)**.



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**INVITED SEMINAR PRESENTATIONS**

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- [I1] Size Inclusive Fashion Assortments, Washinton University in St. Louis, MO, 2025.
- [I2] Size Inclusive Fashion Assortments, Tsinghua University, Beijing, China, 2025.
- [I3] Size Inclusive Fashion Assortments, Shanghai University of Finance and Economics, Shanghai, China, 2025.
- [I4] Size Inclusive Fashion Assortments, W. P. Carey School of Business, Arizona State University, USA, 2024.
- [I5] Size Inclusive Fashion Assortments, Haslam College of Business, University of Tennessee, USA, 2024.
- [I6] Beyond One-Size-Fits-All: Personalized Delivery and Fulfillment Optimization, Baruch University, USA, 2024.
- [I7] Inventory Control and Learning for One-Warehouse Multi-Store System with Censored Demand, Xiamen University, China, 2023
- [I8] Inventory Control and Learning for One-Warehouse Multi-Store System with Censored Demand, Zhejiang University, China, 2023
- [I9] Inventory Control and Learning for One-Warehouse Multi-Store System with Censored Demand, Singapore Management University, Singapore, 2022
- [I10] Inventory Control and Learning for One-Warehouse Multi-Store System with Censored Demand, Western University, London, Ontario, Canada, 2022.
- [I11] Inventory Control and Learning for One-Warehouse Multi-Store System with Censored Demand, University of Nebraska-Lincoln, NE, USA, 2022 (Virtual).
- [I12] The Spread of Scarcity: An Empirical Analysis of Intra-Firm Product Substitutability in Fashion Retailing, Bilkent University, Ankara, TR, 2021 (Virtual).
- [I13] The Rise of Ship-to-Store: Theoretical and Empirical Analyses of Its Impact on Online Sales, Middle East Technical University, Ankara, TR, 2020 (Virtual).
- [I14] The Spread of Scarcity: An Empirical Analysis of Intra-Firm Product Substitutability in Fashion Retailing, Rotterdam School of Management, Rotterdam, NL, 2020.
- [I15] The Spread of Scarcity: An Empirical Analysis of Intra-Firm Product Substitutability in Fashion Retailing, Groupe d'Études et de Recherches en Analyse des Décisions (GERAD), Montreal, QC, 2019.
- [I16] Short-term Rentals: Pricing Strategy of Sharing Platforms and Its Implications, HKUST Business School, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon Hong Kong, 2019.
- [I17] Short-term Rentals: Pricing Strategy of Sharing Platforms and Its Implications, Department of Logistics and Maritime Logistics, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong, 2019.

- [I18] Short-term Rentals: Pricing Strategy of Sharing Platforms and Its Implications, Georgia Tech Sheller College of Business, 2018.
- [I19] Short-term Rentals: Pricing Strategy of Sharing Platforms and Its Implications, DeGroote Business School, McMaster University, 2018.
- [I20] Guaranteed Trade-in Prices: Deconstructing its Value for Retailers and Consumers, Rady School of Business, UC San Diego, 2016.
- [I21] Guaranteed Trade-in Prices: Deconstructing its Value for Retailers and Consumers, Said Business, Oxford University, Oxford, UK, 2016.
- [I22] United We Stand, or United We Fall: Strategic Supplier Alliances under Default Risk, Catolica-Lisbon School of Business and Economics, Lisbon, Portugal, March 3, 2015.
- [I23] With or without Information Sharing: Credibility and Competition under Information Asymmetry, Booth School of Business, University of Chicago, Chicago, IL, October 9, 2012.
- [I24] Channel Returns Policies Between Channel Partners for Durable Products with Used Goods, School of Business, University of Miami, Miami, FL, September 21, 2012.
- [I25] How To (and How Not To) Manage Supplier's Process Improvement: Delegation, Incentives, or Audit, Groupe d'Études et de Recherches en Analyse des Décisions (GERAD), Montreal, QC, May 10, 2012.
- [I26] With or without Information Sharing: Credibility and Competition under Information Asymmetry, Groupe d'Études et de Recherches en Analyse des Décisions (GERAD), Montreal, QC, May 3, 2012.
- [I27] With or without Information Sharing: Credibility and Competition under Information Asymmetry, Paul Merage School of Business, University of California at Irvine, Irvine, CA, April 4, 2012.
- [I28] With or without Information Sharing: Credibility and Competition under Information Asymmetry, School of Business and Economics, Wilfrid Laurier University, Waterloo, ON, February 24, 2012.
- [I29] With or without Information Sharing: Credibility and Competition under Information Asymmetry, Sauder School of Business, University of British Columbia, Vancouver, BC, September 19, 2011.
- [I30] Supply Side Story: Risks, Guarantees, and Information, Groupe d'Études et de Recherches en Analyse des Décisions (GERAD), Montreal, QC, May 2010.
- [I31] Supply Side Story: Risks, Guarantees, and Information, Isenberg School of Business, University of Massachusetts, Amherst, MA, April 30, 2010.
- [I32] The Effects of Inter-Temporal Demand Interactions on Pricing/Production Planning, McGill University, Desautels Faculty of Management, Montreal, QC, February 6, 2007.
- [I33] The Effects of Inter-Temporal Demand Interactions on Pricing/Production Planning, Department of Combinatorics and Optimization, University of Waterloo, Waterloo, ON, January, 2007.

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### INDUSTRY PRESENTATIONS

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- [Ip1] **Mehmet Gumus**. Industry v 4.0 and Its Application in Manufacturing Industry, GOSB, Istanbul, Turkey, July 20, 2018.
- [Ip1] **Mehmet Gumus**. Experience From A Real-Life Implementation Of Industry 4.0 Project In A Manufacturing Company, Parmalat, Toronto, ON, Feb 23, 2018.
- [Ip1] **Mehmet Gumus**, Srikant Veeraraghavan, and Anurag Agarwal. RFID Implementation Project for Package Handling and Sorting System at DHL E-commerce, DHL E-Commerce, Cincinnati, TN, 2016.
- [Ip2] **Mehmet Gumus**. Plannica® Advanced Planning and Optimization System, Various Manufacturing Companies in Asia, Europe, Middle Eastern, and North and South America, 2015-Present.
- [Ip3] **Mehmet Gumus**, and Saibal Ray. Recent Advances in Inventory Management, Pratt & Whitney Canada, Montreal, QC, Nov 17, 2008.
- [Ip4] **Mehmet Gumus**, and Phil Kaminsky. Multi-stage Decomposition Heuristics for Container Stowage Problem. Navis LLC. Oakland, CA, 2007.
- [Ip5] **Mehmet Gumus**. The Effects of Inter-Temporal Demand Interactions on Pricing/Production Planning. E-Frontier, San Jose, CA, 2007.

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### SOFTWARE/TOOLS DEVELOPED

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- [S1] Online Test Question Generator Tool, developed with Youcef Tebbal based on PHP and MySQL Technologies.
- [S2] Cargo Loading Optimizer Engine: The engine is designed to effectively address what is commonly known as Containership Stowage Problem (CSP), developed with Prof. Phil Kaminsky, Dr. Erik Tiemroth and Dr. Mehmet Ayik based on MS Visual C++.
- [S3] Statistical survey analysis tool based on Java Servlet Technology.
- [S4] Advanced Planning and Scheduling Optimization System – Plannica®. Analytica Software LLC. Plannica® has been implemented for Kabtek, Midas, Eurotec, Maturin and FCI Canada.

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### AWARDS AND FELLOWSHIPS

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- \* 2024-2029 Desautels Faculty Chair Award
- \* 2017-2019, 2019-2021, 2021-2024 Bensadoun Faculty Scholar Award
- \* 2014-2017 Desautels Faculty Scholar Award
- \* 2015-2017 MDIIM Faculty Fellow Award
- \* 2015 - The Manufacturing & Service Operations Management (M&SOM) iFORM Best Paper

Award.

- \* 2015 - Nominated for The Principal's Prize for Outstanding Emerging Researchers by Desautels Faculty of Management
- \* 2012 Management Science Meritorious Service Award
- \* Doctoral Colloquium Participant, 2006 Annual INFORMS Conference, Pittsburgh, PA.
- \* Scholarship for Ph.D. Studies in Industrial Engineering & Operations Research at University of California, Berkeley, 2005-2007.
- \* Turkish Navy's Fellowship for M.S. studies in Industrial Engineering & Operations Research at University of California, Berkeley, 2000-2002.
- \* Distinctive Graduate, Department of Control Systems Engineering, Turkish Naval Academy, (1997).

### MEDIA COVERAGE OF RESEARCH

- \* [Sustainable Fast Fashion is a Three-Body Problem with Mehmet Gumus](#)
- \* [New Normal: How the Pandemic Changed Shopping Forever with Mehmet Gumus.](#)
- \* The role of Diversity in Master of Management in Analytics, by McLean. 2019.
- \* Kabtek improves production throughput up to 20% with Plannica®, by The Cable Directory, 04/18/2016,  
URL: [http://www.thecabledirectory.com/kabtek+improves+production+throughput+up+to+20%25+with+cableplan\\_38938.html](http://www.thecabledirectory.com/kabtek+improves+production+throughput+up+to+20%25+with+cableplan_38938.html)
- \* "Spending defence budgets the wrong way risks major damage from terrorist attacks", by **SourceWire News**, 01/07/2015, URL: <http://www.sourcewire.com/news/85616/spending-defence-budgets-the-wrong-way-risks-major-damage-from#.VMvKl6fKVp>
- \* "Spending defence budgets the wrong way risks major damage from terrorist attacks", by **Bloomberg Business**, 01/07/2015 URL:  
[http://www.bloomberg.com/research/markets/news/article.asp?docKey=600-201501070847M2\\_EUPR\\_4834000002acd1fa\\_3600-1](http://www.bloomberg.com/research/markets/news/article.asp?docKey=600-201501070847M2_EUPR_4834000002acd1fa_3600-1)
- \* "Industry reacts to vote to renew US terrorism insurance act", by **Insurance Business**, Jan 09, 2015  
URL: <http://www.ibamag.com/news/daily-market-update-20844.aspx>
- \* "A Passion for Information", An Interview conducted by Veronique Page, **GERAD Newsletter**, Nov 2011, Vol 8, No: 2.
- \* "Supply Side Story", **GERAD Newsletter**, Nov 2011, Vol (8), No: 2.
- \* "Engineering better businesses", An Interview conducted by Pascal Zamprelli, **McGill Reporter**, Dec

6, 2007, Vol. 40, No: 8.

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### TEACHING EXPERIENCE

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- \* Management Statistics (MGCR 614): Full-time and Professional MBA: Fall 2020, Fall 2021, Fall 2023, Fall 2024, Fall 2025.
- \* Operations Management (MGCR 617) : Full-time and Professional MBA: Fall 2020, Fall 2021, Fall 2023, Fall 2024, Fall 2025.
- \* Business Statistics (MGCR 650): Full-time and Professional MBA: Fall 2017, Fall 2018, MBA-Japan: Spring 2016, Spring 2017, Spring 2018, Spring 2019 Tokyo, Japan.
- \* Value Creation (MGCR 652): Professional MBA: Fall 2012-2013, Fall 2013-2014, Fall 2014-2015, Fall 2015-2016, Fall 2016-2017, Fall 2017-2018, Full-time MBA: Fall 2018, MBA-Japan: Summer 2013, Summer 2015
- \* Mathematical and Statistical Foundation of Analytics (MGSC 660): MMA: Summer 2018, Summer 2019, Summer 2020, Summer 2021, Summer 2023. Winter 2024, Summer 2024, Winter 2025, Summer 2025.
- \* Data, Models and Decisions (MGSC 608): Master of Management in SCM: Winter 2015, Winter 2017, Winter 2019. Winter 2021, Winter 2023, Winter 2025.
- \* Technology Management (INSY 606): MBA required course for Technology and Innovation Management Concentration, Taught in Winter 2009-2016, McGill University.
- \* Operations Management (MGCR 472): BCom core course, Taught 3 sessions in Winter 2008 and 2 sessions per year in Winter 2009-2016, McGill University.
- \* Integrated Mgmt Essentials (INTG-202), Managing Processes, Winter 2016, Winter 2017, Winter 2018, McGill University.

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### PROGRAM DEVELOPMENT

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- \* Development of Masters of Management in Analytics Online, 2023-Present.
- \* Academic Director of Masters of Management in Analytics (In-person), 2018-2025.
- \* Academic Director of Masters of Management in Analytics (Online), 2023-Present.
- \* Co-developed a new concentration in Business Analytics for MBA program, 2016.

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### COURSE DEVELOPMENT

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- \* Summer 2016, designed a new course on Business Statistics Module for MBA-Japan Program.
- \* Winter 2015, designed a new course on Data, Decisions and Models (MGSC 608) for MMM-China Global Supply Chain Management Program.
- \* Winter 2010, introduced new modules on Process Management and Project Management for core undergrad OM course.

- \* Winter 2009, introduced new simulation game, developed Real Options chapter for core undergrad OM course.
- \* Winter 2008, revised supply chain management module for core undergrad OM course.
- \* Winter 2009, co-developed the course INSY 606 (Management of Technology) featuring case studies, lectures, guest speakers and an integrated term project.

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### UNDERGRADUATE SUPERVISION

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- \* Marwa Benzakour, *Desautels Faculty of Management*, Sole supervision, Fall 2015.  
*Title of Project:* Smart Matching Markets for Vignoble. BUSA 400. Independent Study.
- \* Giulia Cantoni, *Desautels Faculty of Management*, Sole supervision, Summer 2014.  
*Title of Project:* Optimization Models for Online Supply Chains.
- \* Youcef Tebbal, *Computer Engineering*, Sole supervision, Summer 2012.  
*Title of Project:* Dynamic Generation of Test Questions for OM Course.
- \* Abdenour Hassaïne, B.Com. *student*, Sole supervision, Fall 2011.  
*Title of Project:* Groupe SM International, Internship Report for BUSA 497.

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### MASTERS SUPERVISION

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- \* Ryutaro Kikuchi, MBA-Japan *Program*, BUSA651 Practicum, 2013  
*Title of Project:* Value Chain Optimization for High-Technology Manufacturing Industry.
- \* Ahmed Hassan Mostafa, Professional MBA *Program*, BUSA651 Practicum, 2015  
*Title of Project:* Lean Supply Chains.
- \* Amirali Kavousian, Full-time MBA *Program*, BUSA651 Practicum, Winter 2015  
*Title of Project:* DHL Ecommerce: Demand Prediction and Network Load Balancing
- \* Abolfazl Keighobadi Lamjiri, Professional MBA *Program*, BUSA651 Practicum, Winter 2015  
*Title of Project:* DHL Ecommerce: Demand Prediction and Network Load Balancing
- \* Philippe Henri, Professional MBA *Program*, Independent Study MGSC – 690, Winter, 2015  
*Title of Project:* Pario Corp
- \* Nikhil Baveja, Full-time MBA *Program*, BUSA651 Practicum, Summer 2015  
*Title of Project:* Container Inventory Optimization for DHL Distribution Network
- \* Vinodh Thinakaran, Full-time MBA *Program*, BUSA651 Practicum, Summer 2015

*Title of Project:* Container Inventory Optimization for DHL Distribution Network

- \* Srikant Veeraraghavan, Full-time MBA Program, BUSA651 Practicum, 2016

*Title of Project:* RFID Implementation Project for Package Handling and Sorting System at DHL E-commerce

- \* Yoichiro (James) KIMURA, MBA-Japan Program, BUSA651 Practicum, 2016

*Title of Project:* Consultation for TADANO Ltd..

- \* Kumiko Fern, MBA-Japan Program, BUSA651 Practicum, 2016.

*Title of Project:* Last Mile Delivery.

- \* Anurag Agarwal, Full-time MBA Program, BUSA651 Practicum, 2017.

*Title of Project:* RFID Implementation Project for Package Handling and Sorting System at DHL E-commerce

- \* Ayaka Tanaka, MBA-Japan Program, BUSA651 Practicum, 2017.

*Title of Project:* Sustainable Supply Chains

- \* Fahad Abduljabbar, IMHL Program, Final Paper, 2018.

*Title of Final Paper:* Improving Orthopedic Clinic Patients Flow Using Lean Six Sigma

- \* Shunsuke Baba, MBA-Japan Program, BUSA651 Practicum, 2018.

*Title of Project:* Strawberry Sweets Café Chain Business Plan

- \* Sreerama Chandra Murty Vemuri, MBA-Japan Program, BUSA651 Practicum, 2019.

*Title of Project:* Developing a statistical model as a tool for market entry for Japanese SMEs

- \* Andreas Berger and Fleming Sebastian, MBA-Japan Program, BUSA651 Practicum, 2019.

*Title of Project:* Commercial outlook of energy storage system

## DOCTORAL SUPERVISION

- \* Mohammad Nikoofal, *PhD. student*, Sole supervision, 2009 – 2014.

*Title of Dissertation:* Risk Management Under Information Asymmetry: Applications In Homeland Security And Supply Disruption.

Current Position: **Associate Professor at Toronto Metropolitan University, Toronto, ON.**

- \* Manaf Zargoush, *PhD. student*, Co-supervision (with Prof. Vedat Verter), 2010 – 2016.

*Title of Dissertation:* The Value of Information in HealthCare Operations Management.

Current Position: **Associate Professor at McMaster University, Canada**

- \* Hedayat Alibeiki, *PhD. student*, Co-supervision (with Prof. Shanling Li), 2012 – 2017.  
*Title of Dissertation:* Power and Information Asymmetry in Competitive Supply Chains.  
Current Position: **Assistant Professor at College of Business Administration at California State University.**
- \* Elcin Ergin, *PhD. student*, Sole Supervision, 2014 – 2020.  
*Title of Dissertation:* Econometric Analysis of Product Shortages in Fast-Fashion Retail Operations.  
Current Position: **Data Scientist, Premier Health of America, inc.**
- \* Recep Bekci, *PhD. student*, Co-supervision (with Prof. Sentao Miao), 2018 – 2023.  
*Title of Dissertation:* Learning and Control Algorithms for Inventory and Revenue Management.  
Current Position: **Assistant Professor at Department of Management Science and Engineering, University of Waterloo.**
- \* Zahra Jalali, *PhD. Student*, Co-supervision (with Prof. Beste Kucukyazici, Prof. Maxime Cohen), 2017 – 2024.  
*Title of Dissertation:* Three Essays on Data Science for Healthcare and Retail Operations Management  
Current Position: **Research Scientist, Amazon.com**
- \* Aysun Mutlu, *PhD. student*, Co-supervision (with Prof. Saibal Ray), 2018 – Present.
- \* Jean-Sebastien Matte, *PhD. Student*, Sole supervision, 2019 – Present.
- \* Sena Onen Oz, *PhD. Student*, Co-supervision (with Prof. Wei Qi), 2019- Present.
- \* Quan Zhou, *PhD. Student*, Co-supervision (with Prof. Sentao Miao), 2020 – Present.
- \* Alireza Alavi, *PhD. Student*, Co-supervision (with Prof. Javad Nasiry), 2020 – Present.
- \* Yan Zhang, *PhD. Student*, Co-supervision (with Wei Qi), 2023-Present
- \* Zichun Liu, *PhD. Student*, Co-supervision (with Sentao Miao), 2023-Present.
- \* Mahmoud Belmeskine, *PhD. Student*, Supervision, 2024 - Present.
- \* Sara Jaber, *PhD. Student*, Supervision, 2025 - Present.
- \* Pouya Ebrahimi, *PhD. student*, *PhD. Committee Member* (supervisor: Prof. Bernard Sinclair-Desgagné), 2014 – 2017.
- \* Hosain Zaman, *PhD. student*, *PhD. Committee Member* (supervisor: Prof. Georges Zaccour), 2015



– 2020.

- \* Mostafa Pazoki, *PhD. student*, PhD. Committee Member (supervisor: Prof. Georges Zaccour), 2015 – 2020.
- \* Mahsa Mahboub, *PhD. student*, PhD. Committee Member (supervisor: Prof. Georges Zaccour), 2019 – 2023.

## POST-DOCTORAL SUPERVISION

- \* Dr. Ke Sun, *Post-doctoral fellow*, Co-supervision, 2024-2026.  
*Title of Project:* AI-Driven Resilience in Agrifood: Optimizing Operations in Quebec's Online Grocery Platforms
- \* Dr. Utsav Sadana, *Post-doctoral fellow*, Co-supervision, 2021-2023.  
*Title of Project:* Feature-based end-to-end forecasting approaches for online inventory management.  
*Current Position:* Assistant Professor at **HEC Montreal**.
- \* Dr. Han Zhu, *Post-doctoral fellow*, Co-supervision, 2017-2019.  
*Title of Project:* Short-term Rentals: Pricing Strategy of Sharing Platforms and Its Implications.  
*Current Position:* Full Professor at Dongbei University of Finance and Economics, China.
- \* Dr. Fei Qin, *Post-doctoral fellow*, Co-supervision, 2014-2016.  
*Title of Project:* A convergent innovation coalition for sustainable prosperity: development work for Agri-food systems.  
*Current Position:* Associate Professor at **Shippensburg University**, Shippensburg, PA, USA.
- \* Dr. Xiao Huang, *Post-doctoral fellow*, Co-supervision, 2009-2010.  
*Title of Project:* Strategic Supplier Alliances under Default Risk  
*Current Position:* Associate Professor at **John Molson School of Business, Concordia University**, Montreal, QC.
- \* Dr. Xiaofeng Nie, *Post-doctoral fellow*, Co-supervision, 2008-2010.  
*Title of Project:* Joint Bidding and Procurement Strategies under Price Volatility  
*Current Position:* Associate Professor at **Texas A&M University**.
- \* Dr. Lei Xie, *Post-doctoral fellow*, Co-supervision, 2010-2011.  
*Title of Project:* Risk Management in Supply Chains with the Business Interruption Insurance  
*Current Position:* Associate Professor at **Shanghai University of Finance and Economics**,

China.

- \* Dr. Weifen Zhuang, *Post-doctoral fellow*, Co-supervision, 2009-2010.  
*Title of Project:* Revenue Management with Random Resource Consumptions  
*Current Position:* **Full Professor at Xiamen University**, China.

### PH.D. COMPREHENSIVE EXAM COMMITTEE MEMBERSHIPS

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- \* 2019 Ph.D. Comprehensive Exam:  
 Mahsa Mahboob, *Ph.D. Student*, Decision Sciences, HEC Montreal.
- \* 2016 Ph.D. Comprehensive Exam:  
 Mostafa Pazoki, *Ph.D. Student*, Decision Sciences, HEC Montreal.
- \* 2016 Ph.D. Comprehensive Exam:  
 Hossein Zaman, *Ph.D. Student*, Decision Sciences, HEC Montreal.
- \* 2014 Ph.D. Comprehensive Exam:  
 Pouya Ebrahimi, *Ph.D. Student*, International Business, HEC Montreal.
- \* 2013 OM Ph.D. Comprehensive Exam (Specialization Requirement):  
 Ali Inay, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.
- \* 2012 OM Ph.D. Proposal Defense Committee:  
 Mohammad Nikoofal, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.
- \* 2012 OM Ph.D. Comprehensive Exam (Specialization Requirement):  
 Manaf Zargoush, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.
- \* 2014 OM Ph.D. Comprehensive Exam (Methodology Requirement):  
 Ali Suyabatmaz, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.  
 Zhexiong Tao, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.  
 Martin Cousineau, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.
- \* 2013 OM Ph.D. Comprehensive Exam (Methodology Requirement):  
 Ali Suyabatmaz, *Ph.D. Student*, Operations Management, Desautels Faculty of Management,

McGill University.

Hedayat Alibeiki, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

Feyza Sahinyazan, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

Zhexiong Tao, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

Cheng Zhu, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

\* 2012 OM Ph.D. Comprehensive Exam (Methodology Requirement):

Ali Inay, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

Hamidreza Eslami, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

\* 2011 OM Ph.D. Comprehensive Exam (Methodology Requirement):

Judson Kenny, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

Manaf Zargoush, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

Mehdi Ghotboddini, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

Michael Klein, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

\* 2010 OM Ph.D. Comprehensive Exam (Specialization Requirement):

Mohammad Nikoofal, *Ph.D. Student*, Operations Management, Desautels Faculty of Management, McGill University.

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### INSTITUTIONAL SERVICES

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\* **University Level:**

Advisory Committee for the Selection of the Dean of the Desautels Faculty of Management, 2020.

The CORS (Canadian Operations Research Society) Diploma Coordinator in Operational Research for McGill University, 2008-2013.

\* **Faculty Level:**

Academic Director, Masters of Management in Analytics (Online), 2024 - Present.

Academic Director, Masters of Management in Analytics, 2018 - Present.

Area Coordinator, OM Area, 2013—2016.

Director, Management Science Research Center, 2013—2016.

Curriculum Design Workgroup for Masters of Management in Analytics, 2016.

Masters Program Committee, 2016.

Member, Ph.D. Committee, 2010—2013.

Associate Director, Management Science Research Center, 2007—2013.

Course coordinator for Operations Management course, 2008-2013.

\* **Area Level:**

Program Design for Analytics concentration for Full-time MBA program at McGill

Workshop organization in Supply Chain Management for MBA program

Coordinated 2012 Fall Semester OM PhD Seminar Series in Operations Management area

Designed the new Ph.D. Comprehensive Exam for Operations Management (OM) Doctoral Students.

Graduate Student Adviser of Operations Management Area, 2010—2015, Desautels Faculty of Management, McGill University.

Coordinator of OM PhD. Seminar Series, Fall 2011.

Faculty Search in 2008, 2011, 2015, 2016.

Developed Online Assignment Tool for Operations Management core course.

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**PROFESSIONAL SERVICES**

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\* **Conference Chair/Co-chair:**

The 7<sup>th</sup> Integrated Risk Management (**INTRIM**) Conference 2011, Desautels Faculty of Management, McGill University, Montreal, QC.

\* **Track Chair/Co-chair:**

Capacity and Inventory Management Track, Annual **POMS** Conference, May 07-10 2010, Vancouver, BC.

Pricing and Revenue Management Track, Annual **CORS** Conference, June 08-10 2020, Toronto, ON.

\* **Session Chair/Co-chair:**

Session Title: Digital transformation in Retailing, Annual **POMS** Conference, May 2-6 2019, Washington, DC.

Session Title: The Impact of Information Asymmetry on Supply Chains, Annual **POMS** Conference, April 20-23 2012, Chicago, IL.

Session Title: Durable Products and Their Effects on the Supply Chains, Annual **POMS** Conference, April 20-23 2012, Chicago, IL.

Session Title: Pricing and Inventory Issues in Product Variety Management, Annual **INFORMS** Conference, Oct 12-14 2009, San Diego, CA.

Session Title: Inter-modal Transportation Systems, **CORS/Optimization Days** Joint Conference, May 12-14 2008, Quebec, QC.

Session Title: Dynamic Pricing in Supply Chains, **CORS/Optimization Days** Joint Conference, May 12-14 2008, Quebec, QC.

\* Editorial Position:

Manufacturing and Service Operations Management, Associate Editor, 2020- 2021.

Production and Operations Management, Senior Editor, 2021-Present.

IIE Transactions, Associate Editor, 2019- Present.

Naval Research Logistics, Guest Associate Editor for Special Issue on “**Data Analytics under Emerging Supply Chain and Logistics Innovations**”.

Naval Research Logistics, Associate Editor for Special Issue on “**Analytics and Operations of Online Retailing**”.

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#### MEMBERSHIPS IN PROFESSIONAL SOCIETIES/ORGANIZATIONS

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- \* Institute for Operations Research and the Management Sciences (**INFORMS**) since **2007**.
- \* Production and Operations Management Society (**POMS**) since **2008**.
- \* Canadian Operational Research Society (**CORS**) since **2007**.
- \* Groupe d'Études et de Recherches en Analyse des Décisions (**GÉRAD**) since **2008**.
- \* Centre for International Peace and Security Studies (**CIPSS**) since **2011**.