

# ARMAGAN OZBILGE, PH.D.

## PERSONAL DATA

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CITIZENSHIP: Turkish and Canadian citizen  
ADDRESS: Dalhousie University, Kenneth C. Rowe Management Building  
6100 University Ave, Halifax, NS, CANADA, B3H 4R2  
EMAIL: [ozbilgea@dal.ca](mailto:ozbilgea@dal.ca)

## WORK EXPERIENCE

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JULY 2023-CURRENT | Assistant Professor, Management Science and Information Systems  
*Rowe School of Business, Dalhousie University*

FEB 2022-JUNE 2023 | Postdoctoral Fellow  
*DeGroote School of Business, McMaster University*

JUN 2019-APRIL 2022 | Sessional Faculty  
*DeGroote School of Business, McMaster University*

SEPT 2016-MAY 2021 | Teaching Assistant  
*DeGroote School of Business, McMaster University*

OCT 2014-JAN 2017 | Research Assistant  
*Faculty of Business, Hacettepe University, Ankara, Turkey*

FEB 2013-AUG 2014 | Operations Specialist  
*Bilimciler Oyuncak Inc., Istanbul, Turkey*

## EDUCATION

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*Defended in* AUGUST 2021 | Ph.D. in MANAGEMENT SCIENCE, **DeGroote School of Business, McMaster University**, Hamilton, ON, CANADA  
Thesis: "Pricing, Returns, and Donations in Single- and Dual-Channel Retailing" | GPA: 11.7/12.0  
Co-supervisors: Dr. Elkafi Hassini and Dr. Mahmut Parlar

JUNE 2016 | M.Sc. in OPERATIONS MANAGEMENT AND QUANTITATIVE METHODS, **Faculty of Business, Hacettepe University**, Ankara, TURKEY  
Thesis: "Improving Higher Education Quality by Optimal Capacity Allocation: A Revenue Management Approach" | GPA: 3.97/4.0  
Supervisor: Dr. Aydin Ulucan

JUNE 2015 | M.Sc. in FINANCIAL MATHEMATICS, **Institute of Applied Mathematics, Middle East Technical University**, Ankara, TURKEY  
Thesis: "An Analysis of Momentum and Mean Reversion Effects in Equity Indices" | GPA: 3.63/4.0  
Co-supervisors: Dr. Yeliz Yolcu Okur and Dr. Kamil Korhan Nazliben

JAN 2013 | B.Sc. in BUSINESS ADMINISTRATION, **Faculty of Business, Hacettepe University** | GPA: 3.52/4.0

## PUBLICATIONS

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Ozbilge, A., Hassini, E., Parlar, M. Optimal Pricing and Donation Policy for Fresh Goods. *European Journal of Operational Research*, In-press.

Ozbilge, A., Hassini, E., Parlar, M. (2023). Merits and Perils of Cross-channel Returns. *IEEE*

*Transactions on Engineering Management*, **Forthcoming**. DOI: 10.1109/TEM.2023.3247340.

Ozbilge, A., Hassini, E., Parlar, M. (2022). A Review of Bricks-and-Clicks Dual-Channels Literature: Trends and Opportunities. *INFOR: Information Systems and Operational Research*, 60(4), 436-472. DOI: 10.1080/03155986.2022.2066404.

Ozbilge, A., Ulucan, A., & Atici, K. B. (2020). Elective course assignment problem: a revenue management based approach. *INFOR: Information Systems and Operational Research*, 59(1), 145-168. DOI: 10.1080/03155986.2020.1796064.

## PAPER(S) UNDER REVIEW

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Ozbilge, A., Benjaafar, S., Hassini, E., Parlar, M. Can Tax-Subsidies for Charitable Donations Foster Accessibility to Fresh Goods? **Being prepared for re-submission**.

## WORKING PAPERS

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Ozbilge, A., Hassini, E., Parlar, M. Corporate Charitable Giving in Perishable Food Supply Chains. Modeling Stage.

Ozbilge, A., Hassini, E., Parlar, M. Retail Competition and Charitable Food Donations. Modeling Stage.

## CONFERENCE PRESENTATIONS

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Ozbilge, A., Hassini, E., Parlar, M. (2022, October). Perils And Merits Of Cross-channel Returns. *2022 INFORMS Annual Meeting*. Indianapolis, IN, USA.

Ozbilge, A., Hassini, E., Parlar, M. (2022, April). How Effective are Tax Incentives to Induce Donation of Fresh Goods? *32nd Annual POMS Conference*. Virtual.

Ozbilge, A., Hassini, E., Parlar, M. (2021, October). Optimal Pricing and Donation Policy for Fresh Goods. *2021 INFORMS Annual Meeting*. Virtual.

Ozbilge, A., Hassini, E., Parlar, M. (2021, June). Can Tax Incentives Induce Donation of Fresh Goods? *Canadian Operational Research Society Annual Conference*. Virtual.

Ozbilge, A., Hassini, E., Parlar, M. (2019, October). Pricing-newsvendor Problem with Quality-sensitive Demand and Donations. *2019 INFORMS Annual Meeting*. Seattle, WA, USA.

Ozbilge, A., Hassini, E., Parlar, M. (2019, October). Choosing a Dual-channel Strategy: An Analytical Model With Pricing and Return Policy Decisions. *2019 INFORMS Annual Meeting*. Seattle, WA, USA.

Ozbilge, A., Hassini, E. (2018, June). Donate More to Earn More. *Canadian Operational Research Society Annual Conference*. Halifax, NS, CANADA.

Ozbilge, A., Yolcu Okur, Y., Nazliben, K. K. (2015, May). Momentum and Mean Reversion Effects in Distinct Markets. *55<sup>th</sup> Meeting of Euro Working Group for Commodities and Financial Modelling*, Ankara, TURKEY.

## REVIEWING RESPONSIBILITIES

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Referee for European Journal of Operational Research, Journal of the Operational Research Society, Computers & Operations Research, Information Systems and Operational Research.

## TEACHING EXPERIENCE

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- Sessional Faculty, *DeGroot School of Business, McMaster University*

JAN-APRIL 2022	Operations Management ( <i>offered in-person with hybrid components</i> ). Evaluations: N/A
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SEPT-DEC 2021	Decision Making with Analytics ( <i>offered hybrid and fully virtual</i> ). Evaluations (average of 5 sections): Mean (8.5/10), Median (9/10)
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- JUNE-AUG 2020 | Management Science for Business (*fully virtual*).  
Evaluations: Mean (8.4/10), Median (8/10)
- JUNE-AUG 2019 | Management Science for Business.  
Evaluations: Mean (8.4/10), Median (9/10)
- Teaching Assistant, *DeGroot School of Business, McMaster University*
  - SEPT 2016-MAY 2021 | Statistics for Analytics (*Executive MBA course*)  
Strategic Procurement (*MBA Course*)  
Management Science for Business  
Purchasing and Supply Chain Management  
Operations Management  
Operations Modeling and Analysis  
Applied Statistics for Business
- Teaching Assistant, *Faculty of Business, Hacettepe University*
  - SEPT-DEC 2015 | Selected Topics in Management Science

## ACADEMIC SERVICES

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- Seminar Coordinator, Smart Freight Center - Mac Seminar Series, *DeGroot School of Business, McMaster University*, Feb. 2022 – Current
- Social Media Coordinator, *OR/MS Tomorrow Community of INFORMS*, May 2021 – May 2022.
- Vice-president in DeGroot Doctoral Student Association, *DeGroot School of Business, McMaster University*, 2018 – 2019.
- Preparing course and exam timetables, *Faculty of Business, Hacettepe University*, Oct. 2014 – September 2016.

## HONORS, AWARDS AND CERTIFICATES

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- NORM ARCHER ENDOWED PRIZE (Oct 2018): The prize will be awarded to a student entering year three of the Ph.D. program in Business Administration in the fields of Management Science or Information Systems who, in the judgment of the DeGroot School of Business, has demonstrated the highest degree of commitment, excellence and integrity in scholarship, in both courses taken and in research.
- ONTARIO GRADUATE SCHOLARSHIP (THE PIONEER PETROLEUMS SPONSORED ONE-THIRD OF THE AWARD) (May 2018-2019): It's provided in part by Government of Ontario and in part by McMaster University to the PhD students showing excellence in their overall graduate academic performance. The Faculty of Business has 1 award (for international students) that will be given to the top ranked applicant. Based on the academic and/or research achievements *Pioneer Petroleum*s was provided one-third of the entire reward.
- 3 MINUTE THESIS COMPETITION (March 2018): *Winner of the Faculty of Business*, McMaster University, Hamilton, ON, Canada.
- PASSED COMPREHENSIVE EXAM WITH DISTINCTION (July 2017)
- MCMaster UNIVERSITY GRADUATE SCHOLARSHIP (2016-2021)
- MCMaster UNIVERSITY RESEARCH SCHOLARSHIP (2016-2021)
- MCMaster UNIVERSITY ENTRANCE SCHOLARSHIP (Sept 2016)
- TEACHING AND LEARNING FOUNDATIONS CERTIFICATE OF COMPLETION.

## PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

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Current *Institute for Operations Research and the Management Sciences (INFORMS)*, *Production and Operations Management (POM)*, and *Canadian Operations Research Society (CORS)* member.

## LANGUAGES

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ENGLISH: Fluent  
SPANISH: Basic Knowledge  
TURKISH: Mothertongue

## REFERENCES

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**Dr. Elkafi Hassini,**  
Professor of Operations Management  
DeGroot School of Business | McMaster University  
Phone: +1.905.525.9140 ext. 27467  
Email: hassini@mcmaster.ca

**Dr. Mahmut Parlar,**  
Distinguished University Professor  
DeGroot School of Business | McMaster University  
Phone: +1.905.525.9140 ext. 22858  
Email: parlar@mcmaster.ca

**Dr. Manish Verma,**  
Associate Professor of Operations Management  
DeGroot School of Business | McMaster University  
Phone: +1.905.525.9140 ext. 27438  
Email: mverma@mcmaster.ca

**Dr. Gerhard-Wilhelm Weber,**  
Professor  
Faculty of Engineering Management | Poznan University of Technology  
Phone: +48.61.665.3397  
Email: gerhard.weber@put.poznan.pl