Omer Berk Olmez
Curriculum Vitae

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EDUCATION

Ph.D., Operations and Decision Analytics   expected May 2026
Zicklin School of Business, Baruch College, CUNY
Thesis: "Managing Multi-Channel Service Operations"

M.S., Industrial Engineering   2021
Ozyegin University, Turkey
Thesis: "Multi-compartment inventory routing problem with adjustable compartment sizes"

B.S., Industrial Engineering   2018
Ozyegin University, Turkey

RESEARCH PAPERS

1. **Olmez, O.B.** and Mills, A. 2025. "Pooling Physical and Virtual Services", revising to resubmit to *Manufacturing & Service Operations Management*.

2. **Olmez, O.B.**, Gultekin, C., Balcik, B., Ekici, A., Ozener, O.O. 2022. "A variable neighborhood search based matheuristic for a waste cooking oil collection network design problem", *European Journal of Operational Research*, 302(1), 187–202.

3. Gultekin, C., **Olmez, O.B.**, Balcik, B., Ekici A., Ozener O.O. 2020. "A decomposition-based heuristic for a waste cooking oil collection problem", in: *Green Transportation and New Advances in Vehicle Routing Problems*, 159–176, Springer, Cham.

WORKS IN PROGRESS

1. Understanding Customer Preferences for Virtual Versus In-Person Services
   (**Olmez, O.B.**, Mills, A. and Huang, M.) Work in progress: analysis stage.

2. Payment Parity Policies on Multi-Channel Healthcare
   (**Olmez, O.B.**, Mills, A. and Cakici, O.) Work in progress: analysis stage.

TEACHING ACTIVITIES

Instructor, Baruch College, CUNY

- QNT2020: Foundations of Predictive Analytics and Decision Modeling
  Fall 25, Spring 25, Fall 24, Spring 24, Fall 23, Spring 23, Fall 22
  Average instructor rating: 4.4/5

- OPM3000: Service Operations Management
  Spring 26

CONFERENCE PRESENTATIONS

Understanding Customer Preferences for Virtual Versus In-Person Services
POMS 35th Annual Conference 2025, Atlanta, GA.

Pooling Physical and Virtual Services
INFORMS MSOM Conference 2025, London, UK.
INFORMS Annual Meeting 2024, Seattle, WA.
POMS International Conference 2024, Istanbul, Turkey.
POMS 34th Annual Conference 2024, Minneapolis, MN.
INFORMS Annual Meeting 2023, Phoenix, AZ.

Research Experience

Research Assistant 01/2024 – 09/2024
New York City College of Technology, CUNY
Project: PFI-TT: Prototyping a quantum-powered AI building platform.

– Assisted in developing benchmarks with convolutional neural networks to evaluate the performance of quantum computing algorithms.

Research Assistant 11/2019 – 06/2021
Ozyegin University, Turkey
Project: Matheuristic Solution Approaches for the Multi-Product Inventory Routing Problem with Multi-Compartment Vehicles

– Funded by Turkish Science Foundation.

Awards & Fellowships

Mills Tannenbaum Research Excellence Award, Baruch College, CUNY	2023
Scholarship for M.S. Studies, Ozyegin University	2018–2021
Scholarship for B.S. Studies, Ozyegin University	2013–2018

Skills and Certificates

Programming: Python, Java, C++, R, MATLAB

Solvers: Gurobi, CPLEX, Baron

Quantum Computing: Qiskit (QWorld Bronze Certificate)

References

Alex Mills
Professor of Operations and Decision Analytics
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Michael Huang
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