

# Cem Deniz Caglar Bozkir

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## Education

- 2019–Present **Ph.D., Industrial Engineering, Ozyegin University, Istanbul.**  
Thesis Title: Models for Chronic Care Management After Disasters  
Supervisor: Dr. Burcu Balcik
- 2015–2018 **M.S., Industrial Engineering, Ozyegin University, Istanbul.**  
Thesis Title: Inventory Policies for a Health Network Facing Supply Disruptions  
Supervisor: Dr. Erhun Kundakcioglu
- 2010–2015 **B.S., Industrial Engineering, Ozyegin University, Istanbul.**  
Concentrations: Finance, Manufacturing & Service Operations Management  
Thesis Title: Optimization of Advertisement Revenue for a TV Network  
Supervisor: Dr. Erhun Kundakcioglu
- 2005–2010 **High School, V.K.V. Koc School, Istanbul.**  
Science Track

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## Publications

- B. Balcik, C. D. C. Bozkir, O. E. Kundakcioglu, "A literature review on inventory management in humanitarian supply chains," *Surveys in Operations Research and Management Science*, vol. 21, no. 2, pp. 101-116, 2016.
- B. Balcik, C. D. C. Bozkir, E. D. Gunes, "A Resource Planning Model for Effective Management of Chronic Patients After Disasters," in progress.
- B. Balcik, C. D. C. Bozkir, E. D. Gunes, "Managing chronic dialysis patients during a pandemic while reducing the spread of the disease," in progress.
- S. Azizi, C. D. C. Bozkir, A. Trapp, O. E. Kundakcioglu, A. K. Kurbanzade, "Aid allocation for camp-based and urban refugees with uncertain demand and replenishments," in progress.
- C. D. C. Bozkir, O. E. Kundakcioglu, "Ordering and transshipment decisions for a health network facing supply disruptions," in progress.
- O. E. Kundakcioglu, H. Shourabizadeh, C. D. C. Bozkir, M. B. Tufekci, "Healthcare inventory management in the presence of supply disruption and a reliable secondary supply channel," in progress.

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## Honors & Awards

- 2015 Funding from Dr. Burcu Balcik for the project "Resource Planning Problems and Models for Effective Management of Chronic Dialysis Patients after a Disaster", supported by TUBITAK (The Scientific and Technological Research Council of Turkey)
- 2019 Full scholarship from Ozyegin University for Industrial Engineering Ph.D. program

Barbaros mah. Sirmaperde sk. Ozyurt sit. B-4 – Uskudar/Istanbul

☎ +905356931361 • ✉ cem.bozkir@ozu.edu.tr

- 2015 Funding from Dr. Erhun Kundakcioglu for the project “Inventory Management and Transshipment Policies for Drugs with No Annual Contract in Pharmaceutical Supply Chain Planning Under Uncertainty”, supported by TUBITAK (The Scientific and Technological Research Council of Turkey)
- 2015 Full scholarship from Ozyegin University for Industrial Engineering M.S. program
- 2010 Full scholarship from Ozyegin University for Industrial Engineering B.S. program
- 2005 Full scholarship from V.K.V. Koc School

## Experience

- 2019–Present **Research Assistant**, *Ozyegin University*, Istanbul, “Resource Planning Problems and Models for Effective Management of Chronic Dialysis Patients after a Disaster”. funded by TUBITAK (The Scientific and Technological Research Council of Turkey)
- 2019–Present **Teaching Assistant**, *Ozyegin University*, Istanbul.  
Course: Simulation Modeling and Analysis
- 2015–2018 **Research Assistant**, *Ozyegin University*, Istanbul, “Inventory Management and Transshipment Policies for Drugs with No Annual Contract in Pharmaceutical Supply Chain Planning Under Uncertainty”.  
funded by TUBITAK (The Scientific and Technological Research Council of Turkey)
- 2015–2018 **Teaching Assistant**, *Ozyegin University*, Istanbul.  
Courses: Operations Research 2, Simulation Modeling and Analysis, Statistics, Decision Support Systems, Project Management, Engineering Economics
- 2014–2015 **Undergraduate Teaching Assistant**, *Ozyegin University*, Istanbul.  
Course: Risk Management
- 06/2014–  
07/2014 **Planning Intern**, *Ontex Global*, Istanbul.
- 07/2013–  
08/2013 **Logistics & Warehouse Management Intern**, *Mercedes-Benz Turk*, Istanbul.

## Computer & Language Skills

- Software Java, Python, Gurobi, CPLEX, Arena, VBA, Microsoft Office
- Languages Turkish (Native), English (Advanced – TOEFL iBT: 93), German (Intermediate)