

ERSİN KÖRPEOĞLU

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EDUCATION

Tepper School of Business, Carnegie Mellon University — Pittsburgh, PA

Ph.D., Operations Management 2015
“Innovation and Crowdsourcing Contests”

M.S., Operations Management and Manufacturing 2011

Bilkent University — Ankara, Turkey

M.S., Industrial Engineering 2009

B.S., Industrial Engineering 2007

ACADEMIC EXPERIENCE

School of Management, University College London

Professor of Operations & Technology 2026 – present

Associate Professor 2021 – 2026

Assistant Professor 2015 – 2021

RESEARCH INTERESTS

Application: Innovative business models such as online platforms (e.g., crowdfunding, crowdsourcing, hospitality) and their interaction with traditional businesses; innovation sourcing and management; technology in healthcare; supply chain economics; socially responsible operations; business analytics applications.

Methodology: Modeling (game theory, statistics), empirical analysis (reduced-form econometric analysis), and controlled laboratory experiments.

Research impact: 1,149 citations, h-index of 13 (Google Scholar, as of September 2026).

RESEARCH

Publications

1. Candoğan, S. T., P. B. Cornelius, B. Gökpınar, E. Körpeoğlu, C. S. Tang.¹² 2024. Product Development in Crowdfunding: Theoretical and Empirical Analysis. *Manufacturing & Service Operations Management* 26(2): 701–721.
Winner, 2nd prize, INFORMS TIMES Best Working Paper Award Competition, 2021. Featured as INFORMS TIMES paper of the month, December 2023. Media coverage: Financial Times, Wall Street Journal, and UCLA Anderson Review (2021).
Featured in Harvard Business Review: [“Customers Prefer to Crowdfund Products They Can Improve.”](#) HBR (online), 2024.
2. Körpeoğlu, Ç. G., E. Körpeoğlu, C. S. Tang, J. J. Yu.² 2024. Should an Incumbent Store Deter Entry of a Socially Responsible Retailer? *Production and Operations Management*, 33(1): 282–302.
Media coverage: UCLA Anderson Review, March 2021.
3. Khorasani, S., E. Körpeoğlu, V. Krishnan.² 2024. Dynamic Development Contests. *Operations Research* 72(1): 43–59.
4. Körpeoğlu, E., Ç. G. Körpeoğlu, İ. E. Hafalır.² 2022. Parallel Innovation Contests. *Operations Research* 70(3): 1506–1530.

¹Authors listed alphabetically. ²Listed in SSRN Top Ten Downloads.

Winner, 2nd prize, INFORMS TIMES Best Working Paper Award Competition, 2018. Featured as INFORMS TIMES paper of the month, March 2023.

5. Ales, L., S. Cho, E. Körpeoğlu.¹ 2021. Innovation Tournaments with Multiple Contributors. *Production and Operations Management* 30(6): 1772–1784.
6. Körpeoğlu, Ç. G., E. Körpeoğlu, S. Tunç. 2021. Optimal Duration of Innovation Contests. *Manufacturing & Service Operations Management* 23(3): 657–675.
Featured as INFORMS TIMES paper of the month, June 2021.
7. Körpeoğlu, Ç. G., E. Körpeoğlu, S. Cho.² 2020. Supply Chain Competition: A Market Game Approach. *Management Science* 66(12): 5648–5664.
Media coverage: Carnegie Mellon University Tepper School of Business, April 2020.
8. Chen, Y.-J., T. Dai, C. G. Körpeoğlu, E. Körpeoğlu, O. Sahin, C. Tang, S. Xiao.¹² 2020. Innovative Online Platforms: Research Opportunities. *Manufacturing & Service Operations Management* 22(3): 430–445.
9. Ales, L., S. Cho, E. Körpeoğlu.² 2019. Innovation and Crowdsourcing Contests. Invited book chapter in *Sharing Economy: Making Supply Meet Demand*, Ming Hu (ed.), Springer Series in Supply Chain Management.
10. Körpeoğlu, E., S. Cho. 2018. Incentives in Contests with Heterogeneous Solvers. *Management Science* 64(6): 2709–2715.
11. Ales, L., S. Cho, E. Körpeoğlu.¹ 2017. Optimal Award Scheme in Innovation Tournaments. *Operations Research* 65(3): 693–702.
Winner, 2nd prize, INFORMS TIMES Best Paper Award Competition, 2022.
12. Körpeoğlu, E., Z. Kurtz, F. Kilinc-Karzan, S. Kekre, P. A. Basu. 2014. Business Analytics Assists Transitioning Traditional Medicine to Telemedicine at Virtual Radiologic. *Interfaces* 44(4): 393–410.
13. Körpeoğlu, E., H. Yaman, M. S. Aktürk. 2011. A Multi-Stage Stochastic Programming Approach in Master Production Scheduling. *European Journal of Operational Research* 213: 166–179.
14. Gürel, S., E. Körpeoğlu, M. S. Aktürk. 2010. An Anticipative Scheduling Approach with Controllable Processing Times. *Computers & Operations Research* 37: 1002–1013.

Working Papers

15. Sun, Y., E. Körpeoğlu, W. Miao. 2024. Does Virtual Take Longer? An Empirical Investigation of Service Time in Telemental Health. Major revision at *Management Science*. Available at [SSRN](#).
16. Fan, X., E. Körpeoğlu, C. Li, J. Liang.¹ 2024. Innovative Product Sourcing: Linking Design and Production. Under 2nd round review (major revision) at *Management Science*. Available at [SSRN](#).
Winner, 1st prize, POMS China Best Student Paper Competition, 2025.
17. Kızılyıldırım, R., Ç. G. Körpeoğlu, E. Körpeoğlu, M. Kremer.¹ 2024. Solver Capacity Utilization and Allocation on Crowdsourcing Platforms: An Experimental Study. Major revision at *Manufacturing & Service Operations Management*. Available at [SSRN](#).
Finalist, POMS PITM Student Paper Competition, 2025.
18. Yang, S., A. Feylessoufi, E. Körpeoğlu.¹² 2024. Loyalty Programs as Delivery Channel Innovations: A Quasi-Natural Experiment. Submitted. Available at [SSRN](#).
19. Kızılyıldırım, R., Ç. G. Körpeoğlu, E. Körpeoğlu, M. Kremer.¹ 2022. Exclusive or not? An Experimental Analysis of Parallel Innovation Contests. Major revision at *Manufacturing & Service Operations Management*. Available at [SSRN](#).
Honorable mention (3rd prize), POMS CBOM Junior Scholar Paper Competition, 2024.

HONORS AND AWARDS

- 1st prize, POMS China Best Student Paper Competition, for “Innovative Product Sourcing: Linking Design and Production,” co-authored with Jun Liang, 2025.
- Finalist, POMS PITM Student Paper Competition, for “Solver Capacity Utilization and Allocation on Crowdsourcing Platforms: An Experimental Study,” co-authored with Ramazan Kızılyıldırım, 2025.
- The World’s Best 40-Under-40 MBA Professors, Poets & Quants, 2024.

¹Authors listed alphabetically. ²Listed in SSRN Top Ten Downloads.

- Honorable mention (3rd prize), POMS CBOM Junior Scholar Paper Competition, for “Exclusive or not? An Experimental Analysis of Parallel Innovation Contests,” co-authored with Ramazan Kızılyıldırım, 2024.
- RCIF Research Grant of £40,000 (principal investigator), 2024.
- 2nd prize, INFORMS TIMES Best Paper Award Competition, “Optimal Award Scheme in Innovation Tournaments,” 2022.
- 2nd prize, INFORMS TIMES Best Working Paper Award Competition, “Product Development in Crowdfunding: Theoretical and Empirical Analysis,” 2021.
- M&SOM Meritorious Service Award, 2020.
- Highest teaching evaluations (4.98/5.00 among 67 students) and course evaluations (4.85/5.00) among all UCL School of Management faculty members, 2018–2019.
- 2nd prize, BSc/MSci Management Science Best Teacher Award, 2019.
- 2nd prize, INFORMS TIMES Best Working Paper Award Competition, “Parallel Innovation Contests,” 2018.
- 2nd prize, BSc/MSci Management Science Best Teacher Award, 2018.
- The UK Higher Education Academy Fellowship, 2017.
- 1st prize, INFORMS TIMES Doctoral Dissertation Award Competition, “Innovation and Crowdsourcing Contests,” 2016.
- “Optimal Award Scheme in Innovation Tournaments” granted \$20,000 from the Carnegie Bosch Institute, Carnegie Mellon University, 2015.
- 3rd prize, INFORMS Case Competition, “Redesigning Pittsburgh Port Authority’s Bus Transit System,” 2013.
- William Larimer Mellon Fellowship, Tepper School of Business, Carnegie Mellon University, 2009–2012.
- Academic Excellence in MS Studies Award, Bilkent University, 2009 (given to MS students with outstanding academic success since 2009).

PROFESSIONAL ACTIVITIES AND COMMUNITY SERVICE

- Associate Editor: Management Science (2022–present); Journal of Operations Management (Special Issue on “Uncertainty in Operations and Supply Chain Management,” 2022).
- Chair: M&SOM Student Paper Competition, 2022 (co-chair), 2023 (committee head).
- Reviewer: Management Science, Operations Research, Manufacturing & Service Operations Management, Production and Operations Management, IIE Transactions, European Journal of Operational Research, Decision Sciences, Games and Economic Behavior, Naval Research Logistics.
- Judge: INFORMS TIMES Doctoral Dissertation Award Competition (2018); PITM Student Paper Competition (2020); M&SOM Student Paper Competition (2020, 2021); INFORMS BOM Best Working Paper Competition (2022); INFORMS TIMES Best Working Paper Award Competition (2023).
- Conference Session Chair: POMS 2016; INFORMS International 2016; INFORMS 2016 (2 sessions); POMS 2017; INFORMS 2017; INFORMS 2018; POMS 2019 (2 sessions); INFORMS 2019; INFORMS 2020; INFORMS 2023.
- Member: INFORMS, MSOM Society, INFORMS TIMES, JFIG, POMS.

TEACHING EXPERIENCE

School of Management, University College London

Program Initiator

- MSc Supply Chain Management with Sustainability and Analytics — co-designed the new program, including course structure and assessment design, and led it through university approval.

Instructor

New Product Development

2021 – 2026

Elective course, UCL MBA program. Professionally recorded asynchronous lectures with synchronous live sessions via Zoom. Average evaluation across all years: 4.83/5.00.

Product, Technology and Operations Management — Hybrid Course

2021 – 2022

Core course, BSc/MSci Management Science. Synchronous Zoom and face-to-face sessions. Average evaluation: 4.85/5.00 (224 students).

Product, Technology and Operations Management — Fully Online 2020 – 2021
Core course, BSc/MSci Management Science. Asynchronous pre-recorded and synchronous Zoom sessions. Average evaluation: 4.80/5.00 (76 students).

Product, Technology and Operations Management 2015 – 2020, 2023 – 2025
Core course, BSc/MSci Management Science. Average evaluation across all years: 4.89/5.00 (department average: 4.27); latest: 4.92/5.00 (81 students).

Tepper School of Business, Carnegie Mellon University

Instructor

Production and Operations Management Summer 2013
Core course, undergraduate Business Administration. Average evaluation: 4.80/5.00.

Head Teaching Assistant

Managerial Economics (MBA core course) Fall 2011

Teaching Assistant

Mathematical Models for Consulting; Production and Operations Management; Principles of Economics; Intermediate Microeconomics; Global Economics (MBA) 2010 – 2014

Department of Industrial Engineering, Bilkent University

Teaching Assistant

Introduction to Probability and Statistics; Introduction to Modeling and Optimization; Mathematical Modeling; Operations Scheduling 2007 – 2009

TEACHING MATERIAL

Published Teaching Material

- Körpeoğlu, E., F. Kılınç-Karzan. Redesigning Pittsburgh Port Authority's Bus Transit System. Invited book chapter in *Advances in Business, Operations, and Product Analytics: Cutting Edge Cases from Finance to Manufacturing to Healthcare*, Matthew Drake (ed.), PH Professional Business, 2015.

Research Works Adopted as Course Material

- Supply Chain Competition: A Market Game Approach — adopted as course content at INSEAD.
- Innovation Tournaments with Multiple Contributors — adopted as a course contest at Georgia Institute of Technology.
- Innovative Online Platforms: Research Opportunities — adopted as course content at Johns Hopkins University, London Business School, and University of California, Los Angeles.
- Optimal Duration of Innovation Contests — adopted as course content at University College London.

PHD STUDENT SUPERVISION

Primary Supervisor

Sidika Tunç Candoğan (co-supervised with Bilal Gokpınar) 2016 – 2021
First placement: Assistant Professor, National University of Singapore.

Ramazan Kızılyıldırım 2019 – present
Yupu Sun 2022 – present
Shuaishuai Yang 2022 – present
Elif Cengiz (co-supervised with Siddharth Singh) 2024 – present
Asli Sena Bozkurt (co-supervised with Yi-Chun Akchen) 2025 – present

Secondary Supervisor

¹Authors listed alphabetically. ²Listed in SSRN Top Ten Downloads.

POST-DOCTORAL RESEARCH FELLOW SUPERVISION

Antoine Feylessoufi

2021 – 2024

First placement: Assistant Professor, Vanderbilt University.

OTHER INSTITUTIONAL SERVICE

- Faculty Recruitment Committee (Chair, 2022–2023 and 2023–2024).
- PhD Recruitment Committee.
- Ethics Committee.
- Promotions Committee.
- Junior Faculty Mentor.

INVITED TALKS

Catholica Porto Business School	January 2026
University of Porto, School of Economics and Management	November 2025
University of Science and Technology of China	November 2024
University of Amsterdam, Amsterdam Business School	May 2024
Eindhoven University of Technology, Dept. of Industrial Engineering	April 2024
Bilkent University, Dept. of Industrial Engineering	November 2023
HEC Paris	May 2023
Middle East Technical University, Dept. of Industrial Engineering	March 2023
Singapore Management University, Lee Kong Chian School of Business	February 2023
European TOM Seminar Series	January 2023
University of Maryland, The Robert H. Smith School of Business	March 2022
University of Connecticut, School of Business	October 2020
Frankfurt School of Finance and Management	December 2019
Bilkent University, Dept. of Industrial Engineering	November 2019
University of Washington, Seattle, Foster School of Business	October 2019
Koc University, Dept. of Industrial Engineering	February 2019
University of Virginia, Darden School of Business (QA Group)	January 2019
Johns Hopkins University, Carey Business School	January 2019
Hong Kong University of Science and Technology, IEDA	May 2018
University of Virginia, Darden School of Business (TOM Group)	October 2017
University of Cambridge, Judge Business School	March 2017
Middle East Technical University, Dept. of Industrial Engineering	October 2015
Bilkent University, Dept. of Industrial Engineering	October 2015
Cornell University, Johnson Graduate School of Management	January 2015
University College London, Dept. of Management Science and Innovation	January 2015
Harvard University, Kennedy School of Government	January 2015
Koc University, College of Administrative Sciences and Economics	December 2014
Koc University, Dept. of Industrial Engineering	December 2014
Sabanci University, School of Management and Dept. of Industrial Engineering	December 2014
Bilkent University, Dept. of Industrial Engineering	December 2014

INVITED ACADEMIC PRESENTATIONS AT CONFERENCES

INFORMS Annual Meeting, Seattle	October 2025
INFORMS Annual Meeting, Anaheim	October 2021
Virtual INFORMS Annual Meeting	November 2020
INFORMS Annual Meeting, Seattle	October 2019
SAET Conference, Italy	July 2019
POMS Annual Conference, Washington (3 talks)	May 2019
INFORMS Annual Meeting, Phoenix	November 2018
INFORMS Annual Meeting, Houston	October 2017
POMS Annual Conference, Seattle	May 2017
INFORMS Annual Meeting, Nashville (2 talks)	November 2016
POMS Annual Conference, Orlando	May 2016
INFORMS Annual Meeting, Philadelphia	November 2015
INFORMS Annual Meeting, San Francisco	November 2014
Midwest Economics Association Annual Meeting, Chicago	March 2014
INFORMS Annual Meeting, Minneapolis	October 2013
INFORMS Annual Meeting, Austin	November 2010

TALKS AT REFEREED CONFERENCES

MSOM Conference, TIE SIG	June 2025
Global Entrepreneurship and Innovation Research Conference	May 2019
MSOM Conference, Dallas	July 2018
MSOM Conference, Chapel Hill	June 2017
MSOM Conference, Seattle	June 2014