

CAN KÜÇÜKGÜL

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EMPLOYMENT

Rutgers University-Camden, School of Business, Camden, NJ Sep 2022 - present
Assistant Professor of Management

EDUCATION

The University of Texas at Dallas, Richardson, TX Aug 2015 - Aug 2022
Ph.D. in Operations Management
Advisors: Prof. Özalp Özer, Prof. Shouqiang Wang

Sabanci University, Istanbul, Turkey Aug 2012 - May 2014
M.S. in Industrial Engineering

Sabanci University, Istanbul, Turkey Aug 2007 - May 2012
B.S. in Computer Science

AREAS OF INTEREST

Research: Revenue Management, Online Platforms, Market Design, Information/Mechanism Design, Data-driven Optimization

Teaching: Revenue Management, Operations Management, Supply Chain Management, Business Analytics, Business Statistics, Spreadsheet Modeling and Analytics, Decision Models, Optimization

HONORS AND AWARDS

Ph.D. Research Grant, The University of Texas at Dallas 2021
Dean's Excellence Scholarship, The University of Texas at Dallas 2021
Ph.D. Student of the Year Finalist, Presented by the Jindal School Dean's Council 2021
[INFORMS Revenue Management & Pricing Jeff McGill Student Paper Award, 2nd Place](#) 2020
Best Ph.D. Student Teacher Award 2019 - 2020
Naveen Jindal School of Management Scholarship, The University of Texas at Dallas 2015 - 2020
Inventor, US Patent: [Artificial hollow biological tissue network and method for preparation thereof](#) 2017
The Scientific and Technological Research Council of Turkey Project Scholarship, Sabanci University 2012 - 2014

RESEARCH PAPERS

C. Küçükgül, Ö. Özer, S. Wang. “*Engineering Social Learning: Information Design of Time-Locked Sales Campaigns for Online Platforms.*” *Management Science*, 68(7): 4899–4918, 2022.

★ 2020 INFORMS Revenue Management & Pricing Jeff McGill Student Paper Award, 2nd Place.

C. Küçükgül, Ö. Özer, S. Wang. “*Recommender Systems under Privacy Protection.*” *Revising for the 1st round review, Management Science.*

C. Küçükgül, S. Wang. “*Optimal Design of Public Contribution Projects.*” *Work in Progress.*

Publications prior to PhD, as a Computer Scientist

S. Burce Ozler, E. Bakirci, C. Küçükgül, B. Koc. “*Three Dimensional Direct Cell Bioprinting for Tissue Engineering.*” *Journal of Biomedical Materials Research* vol. 105, issue 8, Nov 2017.

C. Küçükgül et al. “*3D Bioprinting of Biomimetic Aortic Vascular Constructs With Self-Supporting Cells.*” *Biotechnology and Bioengineering* vol. 112, issue 4, Apr 2015.

TEACHING EXPERIENCE

Instructor, Rutgers University-Camden, School of Business

Operations Management,

(Classroom Learning) Enrollment: 33, Instructor Evaluation: ongoing Spring 2023

Big Data Analytics (MBA/MSBA, graduate core),

(Classroom Learning) Enrollment: 16, Instructor Evaluation: 4.66/5.00 Fall 2022

(Online/Asynchronous Learning) Enrollment: 39, Instructor Evaluation: 3.07/5.00 Fall 2022

Instructor, The University of Texas at Dallas

★ (Winner) Best Ph.D. Student Teacher Award 2019 - 2020

Managerial Methods in Decision Making Under Uncertainty (a.k.a. Business Statistics),

(Remote/Virtual Learning) Enrollment: 69, Instructor Evaluation: 4.92/5.00 Spring 2021

Enrollment: 59, Instructor Evaluation: 4.91/5.00 Fall 2019

Operations Management,

(Remote/Virtual Learning) Enrollment: 59, Instructor Evaluation: 4.87/5.00 Summer 2021

Enrollment: 58, Instructor Evaluation: 4.90/5.00 Summer 2019

Teaching Assistant, The University of Texas at Dallas

MBA/MS: Operations Management, Supply Chain Strategy, Statistics and Data Analysis, Quantitative Business Analysis, Managerial Methods in Decision Making Under Uncertainty, Quantitative Introduction to Risk and Uncertainty in Business.

Undergraduate: Operations Management, Spreadsheet Modeling and Analytics.

SELECTED DOCTORAL COURSEWORK

Operations Management: Pricing Management, Behavioral Operations Management

Operations Research: Deterministic Models in Operations Research, Stochastic Models in Operations Research, Stochastic Dynamic Programming and Applications in Finance, Optimal Control Theory and Applications

Statistics: Probability and Stochastic Processes, Statistical Inference

Economics: Game Theory, Advanced Managerial Economics, Applied Econometrics

PRESENTATIONS AND INVITED TALKS

Engineering Social Learning: Information Design of Time-Locked Sales Campaigns for Online Platforms.

INFORMS Annual Meeting, Anaheim, CA	October, 2021
INFORMS RMP Conference (virtual)	June, 2021
MSOM Conference (virtual)	June, 2021
INFORMS Annual Meeting (virtual)	November, 2020
Kellogg-Wharton OM Workshop (virtual)	July, 2020
INFORMS Annual Meeting, Seattle, WA	October, 2019
Annual POMS Conference, Washington, D.C.	May, 2019
INFORMS Annual Meeting, Phoenix, AZ	November, 2018
Annual POMS Conference, Houston, TX	October, 2018

Recommender Systems with Privacy Concerns.

INFORMS Annual Meeting, Indianapolis, IN	October, 2022
POMS Conference (virtual)	April, 2022
INFORMS Annual Meeting, Anaheim, CA	October, 2021
MSOM Conference (virtual)	June, 2021
Marketplace Innovation Workshop (virtual)	May, 2021

INDUSTRY EXPERIENCE

R&D Intern, ABB Motors and Mechanical Inc., Västerås, Sweden 2011

Integrated Microsoft Xbox Kinect 3D tracking features into a Robot-Human interaction software, using C++ and OpenGL. Programmed a sample ABB robotic arm in such a way that a non-expert human user could manipulate the arm using body gestures and verbal commands.

COMPUTATIONAL SKILLS

Programming: Python, MATLAB, Gurobi, CPLEX, C++, SQL

Tools: Mathematica, Latex, Excel, Analytic Solver Platform

PROFESSIONAL SERVICES AND ASSOCIATIONS

Reviewer: Management Science, Socio-Economic Planning Sciences

Membership: INFORMS, MSOM, POMS

Session Chair: INFORMS Annual Meeting, Indianapolis, IN, 2022; INFORMS Annual Meeting, Anaheim, CA, 2021; POMS Annual Conference, Washington D.C., 2019

REFERENCES

Özalp Özer

George and Fonsa Brody Professor of Operations Management
The University of Texas at Dallas, Richardson TX

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Ganesh Janakiraman

Ashbel Smith Professor Professor of Operations Management
The University of Texas at Dallas, Richardson TX

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Last updated: 7th March, 2023