

EMPLOYMENT

University College London (UCL) School of Management Assistant Professor of Operations and Technology	Aug 2023 – Present
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EDUCATION

UCLA Anderson School of Management Ph.D. in Management (advisor: Velibor Mišić) and Postdoctoral Fellow (mentor: Felipe Caro)	Sep 2017 – Jun 2023
Stanford University M.S. in Computational and Mathematical Engineering (advisor: Mykel Kochenderfer)	Sep 2014 – Apr 2017
National Taiwan University B.S. in Physics	Sep 2009 – Jun 2013

PUBLICATIONS

WORKING PAPERS

- [1] **Do You Have My Size In Stock? Assortment and Inventory Optimization Under the Consider-Fit-Then-Choose Choice Model**
with Kaan Çakıroğlu, Felipe Caro, and Jake Feldman
Submitted

REFEREED JOURNAL PAPERS

- [7] **Consider or Choose? The Role and Power of Consideration Sets**
with Dmitry Mitrofanov
Management Science (2026), 72(7): 6025–6042.
— Finalist, Service Science Best Cluster Paper Competition, INFORMS, 2024.
- [6] **On Size Substitution and Its Role in Assortment and Inventory Planning**
with Felipe Caro
Manufacturing & Service Operations Management (2026), 28(2): 624–642.
- [5] **Assortment Optimization Under The Decision Forest Model**
with Velibor Mišić
Manufacturing & Service Operations Management (2026)
- [4] **Column-Randomized Linear Programs: Performance Guarantees and Applications**
with Velibor Mišić
Operations Research (2025), 73(3): 1366–1383.
- [3] **Decision Forest: A Nonparametric Approach to Modeling Irrational Choice**
with Velibor Mišić
Management Science (2022), 68(10): 7090–7111.
— Honorable Mention, George E. Nicholson Student Paper Prize, INFORMS, 2020.
— Winner, Decision Analysis Society Student Paper Competition, INFORMS, 2019.
— 2nd Place, Revenue Management and Pricing Student Paper Competition, INFORMS, 2019.
— Finalist, Service Science Section Best Paper Competition, INFORMS, 2019.
— Spotlight Presentation, INFORMS Revenue Management and Pricing Conference, 2019.
- [2] **Deep Reinforcement Learning for Event-Driven Multi-Agent Decision Processes**
with Kunal Menda, Justin Grana, James Bono, Brendan Tracey, Mykel Kochenderfer, and David Wolpert
IEEE Transactions on Intelligent Transportation Systems (2019), 20(4): 1259–1268

[1] **Learning Discrete Bayesian Networks from Continuous Data**

with Tim Wheeler and Mykel Kochenderfer

Journal of Artificial Intelligence Research (2017), 59: 103-132.

REFEREED CONFERENCE PAPERS

[1] **Improving Offline Value-Function Approximations for POMDPs by Reducing Discount Factors**

with Mykel Kochenderfer and Matthijs Spaan

IEEE/RSJ International Conference on Intelligent Robots and Systems (2018)

OTHER PUBLICATIONS

[1] **Clustering Our Challenger Tour**

with Onesun Steve Yoo and Association of Tennis Professionals (ATP)

ATP 2023 Sustainability Report (2024), Page 22

GRANT

Innovate UK, Knowledge Transfer Partnership

Aug 2026 – Jan 2028

Project Value: £700,000 (approx. \$1 million), UCL–Dragonfly partnership

Principle Investigator: Onesun Steve Yoo.

Co-Investigators: Yi-Chun Akchen, Yuri Fonseca, and Aras Selvi.

TEACHING

UCL School of Management

Decision Science, BSc in Management Science.

2026

Statistics for Business Research, MSc in Management.

2023, 2024

AWARDS AND HONORS

Meritorious Service Award, *Manufacturing & Service Operations Management*.

2026

Finalist, INFORMS Service Science Best Cluster Paper Award.

2024

Dreze Dissertation Award, UCLA Anderson.

2022

Dissertation Year Fellowship, UCLA.

2021

Honorable Mention, INFORMS George E. Nicholson Student Paper Prize.

2020

Winner, INFORMS Decision Analysis Student Paper Award.

2019

Second Place, INFORMS Jeff McGill Revenue Management and Pricing Student Paper Award.

2019

Finalist, INFORMS Service Science Best Cluster Paper Award.

2019

Spotlight Presentation, INFORMS Revenue Management and Pricing Conference.

2019

Ph.D. Fellowship, UCLA Anderson.

2017

Presidential Awards, National Taiwan University.

2012, 2013

TALKS

SEMINARS

Erasmus University Rotterdam (Rotterdam School of Management), Rotterdam, Netherlands

2025

Tilburg University (School of Economics and Management), Tilburg, Netherlands

2025

City St George's, University of London (Bayes Business School), London, United Kingdom

2025

National Chengchi University (College of Commerce), Taipei, Taiwan

2025

Imperial College London (Control and Optimisation Seminar), London, United Kingdom

2025

CONFERENCES AND WORKSHOPS

INFORMS Annual Meeting

2018 – 2026

MSOM Conference

2021, 2024 – 2026

Durham Early Career Scholars Workshop

2025

INFORMS Revenue Management and Pricing Conference

2019, 2021, 2024

European Technology and Operations Management Day

2024

INFORMS Optimization Conference

2022

POMS Conference

2019

Southern California OR/OM Day

2019

PROFESSIONAL ACTIVITIES

Peer Review and Judging Activities		
Journal reviewer, <i>Management Science</i> , <i>Operations Research</i> , <i>Manufacturing & Service Operations Management</i> , <i>Production and Operations Management</i> , <i>Computational Management Science</i> , and <i>Naval Research Logistics</i> .		
Committee Member, INFORMS George Nicholson Student Paper Competition		2026 – 2028
Review Panelist, INFORMS Harvey J. Greenberg Research Award.		2025
Reviewer, MSOM Student Paper Competition.		2023 – 2025
Professional Society Roles		
Co-organizer, London Operations Research Day (LORD).		2025 – Present
Council member, INFORMS Decision Analysis Society.		2024 – Present

RESEARCH SUPERVISION

PhD Supervision		
Sena Aslı Bozkurt, UCL School of Management (co-advised by Ersin Körpeoğlu).		2025 – Present
Kaan Çakıroğlu, UCL School of Management (co-advised by Kenan Arifoğlu).		2025 – Present
PhD Dissertation Examination		
Yating Zhang, Shanghai Jiao Tong University Antai College of Economics & Management.		2026
Asimina Marousi, UCL Chemical Engineering.		2025

LANGUAGES

Mandarin (native), English (fluent), Turkish (beginner).