

YASİN ALAN

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Academic Positions

Owen Graduate School of Management, Vanderbilt University, Nashville, TN

Associate Professor of Operations Management, 2020–present

Assistant Professor of Operations Management, 2012–2020

Education

Johnson Graduate School of Management, Cornell University, Ithaca, NY

Ph.D. in Production and Operations Management, 2012

M.Sc. in Management, 2012

School of Operations Research and Information Engineering, Cornell University, Ithaca, NY

M.Sc. in Operations Research, 2008

Texas A&M University, College Station, TX

B.Sc. in Industrial & Systems Engineering with minors in Business and Mathematics, 2006

Honors & Awards

Finalist for the James A. Webb Award for Teaching Excellence at the Owen School, 2024

Management Science Meritorious Service Award, 2023

Finalist for the James A. Webb Award for Teaching Excellence at the Owen School, 2023

Manufacturing & Service Operations Management Meritorious Service Award, 2022

Dean's Teaching Award at the Owen School, 2022

Finalist for the MSOM iFORM Best Paper Award, 2021

Dean's Research Productivity Award at the Owen School, 2020

Poets & Quants The 40 Best Business Professors Under 40, 2018

Manufacturing & Service Operations Management Meritorious Service Award, 2016

Management Science Meritorious Service Award, 2015

Management Science Distinguished Service Award, 2014

Finalist for the MSOM Student Paper Competition, 2011

Jack P. CoVan Award - Texas A&M University, Department of Industrial Engineering outstanding graduating senior, 2006

Turkish Ministry of National Education scholarship for undergraduate education in the U.S., 2002–2006

Research Interests

Analytical and empirical examination of the interplay between a firm's operational decisions and relationships with its external stakeholders, including competitors, customers, debt and equity holders, regulators, and suppliers

Publications

Ahuja, V., Y. Alan, M. Arıkan. 2025. [The role of route-level decisions in the efficiency and resilience of airline operations: Evidence from the Wright Amendment repeal](#). *Manufacturing & Service Operations Management* (forthcoming).

Alan, Y., M. Kurtuluş, A. Nakkas. 2024. [Retail category management with slotting fees](#). *Manufacturing & Service Operations Management* **26**(3) 1119–1136.

Nakkas, A., Y. Alan, M. Kurtuluş. 2020. [Category captainship in the presence of retail competition](#). *Production and Operations Management* **29**(2) 263–280.

Alan, Y., M. Kurtuluş, C. Wang. 2019. [The role of store brand spillover in a retailer's category management strategy](#). *Manufacturing & Service Operations Management* **21**(3) 620–635.

Alan, Y., V. Gaur. 2018. [Operational investment and capital structure under asset-based lending](#). *Manufacturing & Service Operations Management* **20**(4) 637–654.

Alan, Y., M.A. Lapré. 2018. [Investigating operational predictors of future financial distress in the U.S. airline industry](#). *Production and Operations Management* **27**(4) 734–755.

Alan, Y., J.P. Dotson, M. Kurtuluş. 2017. [On the competitive and collaborative implications of category captainship](#). *Journal of Marketing* **81**(4) 127–143.

Alan, Y., G.P. Gao, V. Gaur. 2014. [Does inventory productivity predict future stock returns? A retailing industry perspective](#). *Management Science* **60**(10) 2416–2434.

Book Chapters

Alan, Y., V. Gaur. 2011. [Category and inventory management](#) in *Encyclopedia of Operations Research and Management Science* Ed. J. Cochran, John Wiley & Sons, pp. 592–610.

Working Papers

Alan, Y., M. Kurtuluş, A. Nakkas. The impact of planogram design and display fees on retail category management.

Alan, Y., M. Kurtuluş, A. Maslov. On the strategic implications of store brand sourcing.

Alan, Y., M. Kurtuluş, A. Maslov, C. Wang. The impact of retail competition on the prevalence and profitability of store brands.

Alan, Y., V. Gaur. How fast should a cash-constrained firm grow? Strategies that balance growth and survival.

Patents

Handley, J.C., Y. Alan. 2013. [Inventory management system in a print-production environment](#). United States Patent 8577757

Handley, J.C., Y. Alan, J.R. Earl. 2012. [Systems and methods for analyzing performance of a print device in a managed print service](#). United States Patent 8180665

Invited Talks

Syracuse University, Whitman School of Management (Syracuse, NY), 2023
London Business School (virtual), 2022
Bogazici University, Department of Management (virtual), 2022
McGill University, Desautels Faculty of Management (Montreal, Canada), 2019
Johns Hopkins University, Carey Business School (Baltimore, MD), 2019,
Ohio State University, Fisher College of Business (Columbus, OH), 2019
Georgia Institute of Technology, Scheller College of Business (Atlanta, GA), 2018
Brigham Young University, Marriott School of Business (Provo, UT), 2018
Southern Methodist University, Cox School of Business (Dallas, TX), 2017

Conference and Workshop Presentations

Consortium for Operational Excellence in Retailing Conference (Harvard Business School, Boston, MA), 2024
MSOM iFORM SIG meeting (McGill University, Montreal, Canada), 2023
INFORMS Annual Conference (Phoenix, AZ), 2023
POMS Annual Conference (Orlando, FL), 2023
INFORMS Annual Conference (Seattle, WA), 2019
POMS Annual Conference (Washington, DC), 2019
POMS Annual Conference (two talks; Houston, TX), 2018
INFORMS Annual Conference (three talks; Nashville, TN), 2016
Supply Chain Finance & Risk Management Workshop (Washington University in St. Louis, Olin Business School, St. Louis, MO), 2016
POMS Annual Conference (Orlando, FL), 2016
POMS Annual Conference (two talks; Washington, DC), 2015
POMS Annual Conference (Atlanta, GA), 2014
INFORMS Annual Conference (four talks; Minneapolis, MN), 2013
Consortium for Operational Excellence in Retailing Conference (Harvard Business School, Boston, MA), 2013
POMS Annual Conference (two talks; Chicago, IL), 2012
INFORMS Annual Conference (two talks; Charlotte, NC), 2011
Wharton Empirical Workshop in Operations Management (Philadelphia, PA), 2011
MSOM iFORM SIG meeting (University of Michigan, Ann Arbor, MI), 2011
POMS Annual Conference (two talks; Reno, NV), 2011

Teaching Experience

Owen Graduate School of Management, Vanderbilt University

Managerial Statistics (MBA core, 2021–2024, average instructor rating: 4.85/5)

Supply Chain Management (MBA elective, 2013–2024, average instructor rating: 4.83/5)

Operations Management (Executive MBA, 2020–2022, average instructor rating: 4.82/5)

Operations Management (MBA core, 2012–2017, average instructor rating: 4.55/5)

Johnson Graduate School of Management, Cornell University

Managing Operations (non-MBA elective, 2011, average instructor rating: 4.67/5)

Institutional Service

Vanderbilt University

Esploro Working Group member, 2024

Severe Weather Response Working Group member, 2024

Owen School Dean Search Committee member, 2022–2023

Artificial Intelligence Institute Advisory Committee member, 2022

Project Aegis (Vanderbilt University Cybersecurity Program) Organization & Governance Working Group member, 2021

Owen Graduate School of Management

Student Achievement Committee co-chair, 2021–present

MBA Program Committee member, 2022–present

Curriculum Committee member, 2022–2024

Owen School Mission Statement Task Force member, 2024

Operations Management Faculty Recruiting Committee co-chair, 2023–2024

Operations Management Faculty Recruiting Committee member, 2016–2017, 2019–2020, 2020–2021, and 2022–2023

Online Pedagogies for In-Person Teaching Task Force member, 2022

Parent and Maternity Task Force member, 2021–2022

Executive MBA Program Advisory Committee member, 2019–2022

Reappointment Guidelines Clarification Committee member, 2020

Student Achievement Committee member, 2015–2017

Operations Club faculty advisor, 2014–2015

Post-doctoral supervision:

Alexander Maslov, 2021–2023

Chunlin Wang, 2016–2018

Professional Activities

Guest Associate Editor: *Journal of Operations Management, Management Science*

Editorial Review Board: *Production and Operations Management*

Reviewer: *Information Systems Research, Journal of Operations Management, Management Science, Manufacturing & Service Operations Management, Naval Research Logistics, Omega, Operations Research, and Production and Operations Management*

Conference Chair: MSOM Society iFORM SIG Conference, 2021

Conference Track Chair

MSOM iFORM SIG Track, INFORMS Annual Conference, 2015, 2018, and 2019

Retail Operations Track, POMS Annual Conference, 2014

Conference & Paper Competition Reviews

MSOM Society Supply Chain Management SIG Conference, 2025

MSOM Society iFORM SIG Conference, 2012, 2013, 2014, 2017, 2018, 2022, and 2023

POMS College of Supply Chain Management Best Student Paper Competition, 2022

Member: INFORMS, MSOM, POMS

Last updated: February 10, 2025