

# 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

MSOM iFORM Best Paper Award finalist, 2021

Dean's Research Productivity Award at the Owen Graduate School of Management, 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

MSOM Student Paper Competition finalist, 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

Retail operations, supply chain management, and airline operations

## Journal Publications

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. Planogram design in the presence of store brands and shelf display fees

Ahuja, V., Y. Alan, M. Arıkan. The role of network structure in the efficiency and resilience of airline operations: Evidence from the Wright Amendment repeal

Alan, Y., M. Kurtuluş, A. Nakkas. Category management with limited shelf-space and slotting allowances

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

## Teaching Experience

### Owen Graduate School of Management, Vanderbilt University

- Managerial Statistics (MBA Core)
  - Average Instructor Rating (out of 5): 4.86 (Fall 2021), 4.90 (Fall 2021), 4.73 (Fall 2021)
- Operations Management (Executive MBA)
  - Average Instructor Rating (out of 5): 4.90 (Spring 2020), 4.71 (Spring 2021)
- Supply Chain Management (MBA Elective)
  - Average Instructor Ratings (out of 5): 5.00 (Spring 2021), 4.61 (Spring 2021), 4.93 (Spring 2021), 4.86 (Spring 2020), 4.92 (Spring 2020), 4.77 (Spring 2020), 4.91 (Spring 2019), 4.85 (Spring 2019), 4.89 (Spring 2019), 4.88 (Spring 2018), 4.89 (Spring 2018), 4.76 (Fall 2017), 4.86 (Spring 2017), 4.94 (Spring 2017), 4.86 (Fall 2016), 4.77 (Spring 2016), 4.60 (Spring 2016), 4.87 (Spring 2015), 4.47 (Spring 2015), 4.63 (Spring 2014), 4.63 (Spring 2014), 4.74 (Spring 2013), 4.80 (Spring 2013)
- Operations Management (MBA Core)
  - Average Instructor Ratings (out of 5): 4.51 (Fall 2017), 4.65 (Fall 2017), 4.65 (Fall 2016), 4.78 (Fall 2016), 4.70 (Fall 2015), 4.67 (Fall 2015), 4.42 (Fall 2014), 4.61 (Fall 2014), 4.50 (Fall 2013), 4.55 (Fall 2013), 4.44 (Fall 2012), 4.10 (Fall 2012)

### Johnson Graduate School of Management, Cornell University

- Managing Operations (non-MBA Elective)
  - Average Instructor Rating (out of 5): 4.67 (Spring 2011)

## Invited Talks

London Business School, 2022 (scheduled)

Bogazici University – Department of Management, 2022

McGill University – Desautels Faculty of Management, 2019

Johns Hopkins University – Carey Business School, 2019

Ohio State University – Fisher College of Business, 2019

Georgia Institute of Technology – Scheller College of Business, 2018

Brigham Young University – Marriott School of Business, 2018

Southern Methodist University – Cox School of Business, 2017

## Institutional Service

### Vanderbilt University

- Project Aegis (Vanderbilt University Cybersecurity Program), Organization & Governance Working Group Member, 2021 – present

### Owen Graduate School of Management

- Student Achievement Committee Co-chair, 2021–present
- Parent Maternity Task Force Member, 2021 – present
- Reappointment Guidelines Clarification Committee Member, 2020–present
- Executive MBA Program Advisory Committee Member, 2019–present
- Operations Management Faculty Recruiting Committee Member, 2016–2017 and 2019–2020
- Student Achievement Committee Member, 2015–2017
- Operations Club Faculty Advisor, 2014–2015
- Post-doctoral supervision:
  - Alexander Maslov, 2021–present
  - 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

**Panel Judge:** MSOM Society iFORM SIG Conference, 2012, 2013, 2014, 2017, and 2018

**Member:** INFORMS, MSOM, POMS

Last updated: January 6, 2022