

Curriculum Vitae

Nazli Turken, Ph.D.

Associate Professor of Practice

Johns Hopkins University
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ACADEMIC POSITIONS

Associate Professor of Practice , Johns Hopkins Carey Business School	2023 – Present
Assistant Professor of Practice , Johns Hopkins Carey Business School	2019 – 2023
Assistant Professor of Operations and Supply Chain Management , Cleveland State University	2014 – 2019
Instructor , University of Florida	2012 – 2014

EDUCATION

Ph.D. in Operations Management , University of Florida, Gainesville, FL Dissertation: “Environmentally and Socially Responsible Operations” Honors and Awards: Full graduate scholarship including tuition waiver and stipend from the Department of Information Systems and Operations Management	2014
M.S. in Industrial and Systems Engineering , University of Florida, Gainesville, FL Honors and Awards: New Engineer Scholarship	2008
B.S. in Industrial Engineering , Pennsylvania State University, State College, PA	2006

RESEARCH AND PUBLICATIONS

Research Interests: Proactive and reactive sustainability in supply chains, multi-channel retailing, and place branding

Author order denotes contribution unless stated otherwise.

Peer-Reviewed Academic Journal Articles:

- [1] **Turken, N.**, Carrillo, J. and Paul, A., 2021. “The Impact of Mergers, Capacity Expansion and Adoptions on Animal Shelter Performance: A Queuing Analysis,” *European Journal of Operational Research* 292 (1), 299-310.
- [2] **Turken, N.**, Geda, A., and Takasi, V.D.G., 2021. “The impact of Co-location in Emissions Regulation Clusters on Traditional and Vendor Managed Supply Chain Inventory Decisions,” *Annals of Operations Research*, 1-50.
- [3] **Turken, N.**, Cannataro, V., Geda, A. and Dixit, A., 2020. “Nature Inspired Supply Chain Solutions: Definitions, Analogies, and Future Research Directions,” *International Journal of Production Research* 58 (15), 4689-4715.
- [4] **Turken, N.** and Geda, A., 2020. “Industrial Symbiosis and Supply Chains: A Review and Future Research Directions,” *Resources, Conservation, and Recycling*, 161, 104974, 1-21.
- [5] **Turken, N.**, Carrillo, J. and Verter, V., 2020. “Strategic Supply Chain Decisions Under Environmental Regulations: When to Invest in End-of-Pipe and Green Technology”, *European Journal of Operational Research*, 283 (2), 601-613.

- [6] Clouse, C., Dixit, A. and **Turken, N.**, 2019. “The Role of Place Image in the Business Site Selection Decision: A Grounded Theory Approach”, *Place Branding and Public Diplomacy* 6 (2), 174-186.
- [7] **Turken, N.**, Carrillo, J. and Verter, V., 2017. “Facility Location and Capacity Acquisition under Carbon Tax and Emissions Limits: To Centralize or To Decentralize?”, *International Journal of Production Economics*, 187,126-141.

Peer-Reviewed Book Chapters in Edited Volumes:

- [8] **Turken, N.**, Tan, Y., Vakharia, A., Wang,L., Wang, R. and Yenipazarli, A. ,2012. “The Multi-Product Newsvendor Problem: Review, Extensions and Directions for Future Research” a chapter published in *Handbook of Newsvendor Problems, International Series in Operations Research and Management Science Vol 176* (edited by Tsan-Ming Choi), Springer.

Peer-Reviewed Practice-Focused Articles:

- [9] Kumar, V., Dixit, A., Javalgi, R.G., **Turken, N.**, 2021. “Can IATs Overshadow Human Intelligence? When, Where, How and Why?” *Accepted at Management Business Review*.
- [10] Dixit, A., Clouse, C. and **Turken, N.**, 2019. “How Strategic Are Your Business Location Decisions? Relative Importance of Economic Factors versus Brand Image” *Rutgers Business Review*, 4(1), 73-91.

Working Papers:

- [11] Clouse, C., Dixit, A., and **Turken, N.**, 2024. “Are Places Similar to Products? Branding as Antecedent to Place Image and Business Location Decisions”
- [12] Geda, A., Chhikara, A., Carrillo, J., and **Turken, N.**, 2024. “Channel Operations Strategies Under Price Harmonization”

Work in Progress:

- [13] **Turken, N.**, Geda, A., “Analytics Applications for Sustainable Operations: Supply Chain Network Design Under Take-Back Regulation”
- [14] **Turken, N.**, Geda, A., “Outsourcing and Offshoring Decisions with Asymmetric Environmental Regulations”
- [15] **Turken, N.**, Yenipazarli, A., “Sourcing Pro-Social and Prestige Status Goods with Quality Competition”
- [16] Dixit, A., **Turken, N.**, “Artificial Intelligence for Better Customer Experience (CX)”
- [17] ¹Bals, L., Carmagnac, L., Ciulli, F., Rosca, E., Seepma, A., Tate, W., Taylor, K., and **Turken, N.**, “Exploring Novel Actors and Forms of Organizing in Global Supply Chains for Addressing the United Nations Sustainable Development Goals”

CONFERENCE PRESENTATIONS

Bals, L., Carmagnac, L., Ciulli, F., Rosca, E., Seepma, A., Tate, W., Taylor, K., and **Turken, N.**, “Exploring Novel Actors and Forms of Organizing in Global Supply Chains for Addressing the United Nations Sustainable Development Goals”

- EurOMA Sustainability Forum, 2024, Kühne Logistics University, Hamburg, Germany
- International Purchasing and Supply Education and Research Association (IPSERA), 2024, Barcelona, Spain
- Invited Contributor to EurOMA Sustainability Incubator, 2023, Virtual

¹ Alphabetical order

Geda, A., Chhikara, A., Carrillo, J., and **Turken, N.**, “Channel Operations Strategies Under Price Harmonization”

- Production and Operations Management Society (POMS), 2023, Orlando, FL
- The Institute for Operations Research and Management Sciences (INFORMS) Annual Meeting, 2021, Anaheim, California
- Decision Sciences Institute (DSI) Annual Meeting 2020, Online
- Production and Operations Management Society (POMS), 2020, Minneapolis, MN

Geda, A., Chhikara, A., Carrillo, J., and **Turken, N.**, “Channel Price Harmonization in Liquidation Markets”

- DSI Annual Meeting, 2020, Online
- POMS Annual Meeting, 2020, Minneapolis, MN

Turken, N., Carrillo, J. and Paul, A. “Managing Alternate Funds in Non-Profits: Service Fees, Advertisement, and Fundraising”, INFORMS Annual Meeting, 2018, Phoenix, AZ

Turken, N., Carrillo, J. and Verter, V., “Environmental Implications for Supply Chain Decisions”

- INFORMS Annual Meeting, 2017, Houston, TX
- POMS Annual Meeting, 2015, Washington, D.C.
- POMS Annual Meeting, 2012, Chicago, IL

Turken, N., Carrillo, J. and Paul, A., “Resource Allocation for Non-Profits: A Case of Animal Shelters”,

- POMS Annual Meeting, 2016, Orlando, FL
- INFORMS Annual Meeting, 2013, Minneapolis, MN

PRACTICE-ORIENTED TALKS

Turken, N., Cannataro, B., “When am I ever Going to Use This? Applications of Math in Business,” 3rd Annual Women in STEM Event, Women in Business, the Johns Hopkins Carey Business School, 2021, Online

Turken, N., Cannataro, B., and Dutta, R. “When am I ever Going to Use This? Applications of Math in Business,” Beyond a Dream Youth Virtual Conference, 2021, Online

INVITED SEMINARS

Turken, N., Carrillo, J. and Paul, A. “The impacts of mergers, capacity expansion and adoptions on animal shelter performance: A queuing analysis”, 2018, San Jose State University, San Jose, CA.

Turken, N., Carrillo, J. and Verter, V., “Environmental Implications for Supply Chain Decisions”

- Washington State University, 2014, Pullman, WA
- Scranton University, 2014, Scranton, PA
- St. Mary’s University, 2014, San Antonio, TX
- Clark University, 2014, Worcester, MA
- Cleveland State University, 2014, Cleveland, OH
- University of Portland, 2014, Portland, OR.

Turken, N., Carrillo, J. and Paul, A., “Resource Allocation for Non-Profits: A Case of Animal Shelters”, Cleveland State University, 2014, Cleveland, OH.

TEACHING EXPERIENCE

Johns Hopkins University

Fall 2019-Present

MS and MBA LevelBU.610.710: Sustainable Supply Chains Onsite (**Co-Course Lead**)BU.510.601: Statistical Analysis On-site, Online, and Hybrid Formats (**Onsite Course Lead**)BU.520.620: Advanced Business Analytics On-site, Online, and Hybrid Formats (**Online Course Lead**)

BU.520.601: Business Analytics On-site, Remote, and Online Formats

BU.929.816: Innovation Field Project (**Co-advisor and Traveling Advisor**)BU.890.725: Healthcare Consulting Practicum II (**Advisor**)BU.001.700: ESG Methods and Sustainability Incentives in the Corporate World (**MBA Independent Study**)**Curriculum Development:**

Co-developed the Analytics Consulting Project course (experiential learning course with real business clients) with Christina Black

Co-developed the Sustainable Supply Chains course with Maqbool Dada

Revised Statistical Analysis

Flipped course design for Business Analytics and Advanced Business Analytics onsite (24+ hours of videos)

Redesigned all course materials/assignments for on-site Statistical Analysis, Business Analytics, and Advanced Business Analytics for all my sections

Cleveland State University

Fall 2014-Spring 2019

Doctoral Level

OSM 801: Theory of Optimization in Production and Operations

UST 897: Set Covering Problems (Advisor)

MBA Level

OSM 601: Supply Chain Analytics

OSM 652: Sustainable Supply Chain Management

OSM 698: Nonprofit Entrepreneurship (Advisor)

Undergraduate Level

OSM 312: Supply Chain Analytics

OSM 421: Service Operations Management

OSM 202: Intro to Business Analytics

BUS 201: Applied Business Statistics

OSM 497: Inventory Models (Advisor)

Curriculum Development:

Completely redesigned Sustainable Supply Chain Management, Theory of Optimization, and Service Operations Management courses

Designed Set Covering Problems, Nonprofit Entrepreneurship, and Inventory Models independent studies

Redesigned all course materials/assignments for my sections of all other listed courses

University of Florida

Fall 2012-Spring 2014

Undergraduate Level (Sole Instructor)

QMB 4701: Managerial Operations Analysis
ISM 4220: Business Data Communications

IMPACT

Content Creator:

[YouTube teaching account](#) with 181 subscribers and videos with 57,000, 37,000, 18,000, 7,300, 4,300 views 2008-Present

Social Media Mentions:

Deborah Dull, Product Manager at GE with 7000+ followers on LinkedIn, [shared](#) our paper for providing a clarification to the description of all supply chain related sustainability concepts.

SERVICE

POMS Conference Doctoral Consortium Panel Participant Spring 2023

Johns Hopkins Carey Business School

Promotion Review Committee Fall 2023
Carey Faculty Advisory Committee Fall 2023 - Present
Diversity Initiatives in Faculty Hiring Committee Fall 2022-Present
Advanced Business Analytics Co-Course Lead Spring 2022-Fall 2023
Grade Appeals Committee Fall 2021-Present
Faculty Mentor for Online Classes (4 courses) Spring 2021-Present
Recommendation Letters (22 students) Fall 2019-Present
Practice Track Faculty Search Committee (BARM) – Member and Diversity Advocate Spring 2021
BARM New Student Orientation Presenter Fall 2021/22/23
AACSB Faculty Qualifications Committee Fall 2020/21
New Faculty Orientation Panel Fall 2020/21

Johns Hopkins Krieger School of Arts and Sciences:

Undergraduate Capstone Co-advisor (Environmental Science & Studies) Fall 2020

Cleveland State University

Doctoral Dissertation Committee Co-Chair Spring 2017-Spring 2020
Doctoral Dissertation Committee Member (2 students) Spring 2018-Spring 2019
OSM Faculty Search Committee Member Fall 2016-Spring 2019
Master's Curriculum Committee-Member Fall 2015-Spring 2019
APICS-Student Chapter Advisor Fall 2017-Fall 2018
ISM-Student Chapter Advisor Fall 2017-Fall 2018
Ad-hoc MBA Business Analytics Committee-Member Spring 2017
OSM Faculty Affairs Committee Fall 2016-Spring 2017
OSM Undergraduate Curriculum Committee Fall 2016-Spring 2017
OSM MBA Curriculum Committee Fall 2016-Spring 2017
Undergraduate Honors Thesis Advisor Fall 2015-Spring 2016
Independent Study Advisor (3 students) Fall 2014-Summer 2015
Undergraduate Curriculum Committee-Member Fall 2014-Spring 2015

PROFESSIONAL ACTIVITIES AND SOCIETIES

Co-chair of Early Teachers Career Network (ECTN) at INFORMS Fall 2021-Fall 2023

Member of Committee of Teaching and Learning (CTL) at INFORMS Fall 2021-Present

Ad-hoc Reviewer for: Fall 2012-Present

Production and Operations Management

Omega: The International Journal of Management Science

International Journal of Production Economics

Socio-economic Planning Sciences

European Journal of Operational Research

EURO Journal on Transportation and Logistics

International Journal of Logistics Management

Volunteer at Gainesville ASPCA Fall 2009-Summer 2014

AWARDS

Dean's Faculty Excellence Award (Carey Business School) 2019-2021

Faculty Mentorship and Service Award Nominee (Carey Business School) 2020

Teaching Innovation Fund 2022

WORK EXPERIENCE:

Enterprise Systems, Intern, Gainesville, FL November 2013-May 2014

Department: Business Intelligence

- Using descriptive analytics identified the least useful and inefficient dashboards at University of Florida's business intelligence systems.

Oyak-Renault Automotive Systems Intern, Bursa, Turkey Summer 2005

Department: Punch Press

- Performed KAIZEN studies in the punch press lines and wrote proposals for possible improvements.

The Coca-Cola Bottlers of Turkey Intern, Bursa, Turkey Summer 2004

Department: Industrial Engineering and Quality Control

- Transformed hand-written quality control forms to dynamic Excel-based forms using VBA
- Assisted in ISO 9001 Quality Control certification.

Siemens-Yazaki Wiring Technologies Intern, Bursa, Turkey Summer 2003

Department: Industrial Engineering

- Created monthly production reports.
- Collected primary and secondary data through interviews and created a presentation on AS/400 MRP highlighting the benefits and shortcomings

PROFESSIONAL DEVELOPMENT

Teaching Workshops Attended

Student-Centered Learning Teaching Methodology Workshop, University of Virginia, Summer 2022

Best Practices in University Teaching. Johns Hopkins University Spring 2022

New Faculty Teaching Community (8 meetings) , Johns Hopkins Carey Business School
Corporate Value Chain (Scope 3) Accounting and Reporting Standard Certificate²

Fall 2019
Summer 2022

Industry Conferences Attended

Climate Leadership Conference, Arlington, Virginia
Sustainability Week, Economist Impact Events, Online

Summer 2022
Summer 2022

² Awarded by World Resources Institute (WRI), the World Business Council for Sustainable Development, and the Greenhouse Gas Protocol