Mojtaba Salarpour

Assistant Professor
Department of Management, Marketing, and Management Science
College of Business
East Texas A&M University
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EDUCATION

Ph.D. in Management Science   May 2022
    University of Massachusetts Amherst
    Isenberg School of Management
    Department of Operations and Information Management
    Dissertation Title: *Essays on Supply Chain Economic Networks for
    Disaster Management Inspired by the COVID-19 Pandemic*

M.Sc. in Transportation Planning and Engineering   January 2017
    Sharif University of Technology
    Department of Civil Engineering

B.Sc. in Civil Engineering   September 2014
    K.N. Toosi University of Technology
    Department of Civil Engineering

ACADEMIC APPOINTMENTS

Assistant Professor, Supply Chain Management
    East Texas A&M University   August 2022 - present
    Department of Management, Marketing, and Management Science

PROFESSIONAL CERTIFICATIONS

Certified Supply Chain Professional (CSCP), APICS ASCM   December 2023 - present

PUBLICATIONS

Manuscripts under Review

- Salarpour, M. (2025). Surge Pricing and Multi-Agency Interaction in Humanitarian Logistics: An Equilibrium Approach. Under review, *European Journal of Operational Research*.

- Salarpour, M., Zeinolabedinzadeh, K. (2025). Semiconductor Supply Chain Management under Trade Restrictions: A Game-Theoretic Framework. Under review (R&R, 2nd round, revised July 2025), *Annals of Operations Research*.

- Bai, L., Sadri, Sh., Salarpour, M. (2025). A game theory model for residential electricity consumption under a net metering program in a smart grid. Under review, *Soft Computing*.

Journal Article

- Salarpour, M., Zeinolabedinzadeh, K. (2025). Modeling Competitive Semiconductor Supply Chains under Disruptions: A Multi-Country Two-Stage Stochastic Framework. *Journal of Modelling in Management,* 1-26.

- Nagurney, A., Salarpour, M., Dong, J. (2022). Modeling of Covid-19 trade measures on essential products: A multiproduct, multicountry spatial price equilibrium framework. *International Transactions in Operational Research,* 29, 226-258.

- Salarpour, M., Nagurney, A. (2021). A multicountry, multicommodity stochastic game theory network model of competition for medical supplies inspired by the Covid-19 pandemic. *International Journal of Production Economics*, 236, 108074.

- Nagurney, A., Salarpour, M., Dong, J., Nagurney, L. S. (2020). A stochastic disaster relief game theory network model. *SN Operations Research Forum,* 1(2), 1-33.

- Nagurney, A., Salarpour, M., Daniele, P. (2019). An integrated financial and logistical game theory model for humanitarian organizations with purchasing costs, multiple freight service providers, and budget, capacity, and demand constraints. *International Journal of Production Economics*, 212, 212-226.

Book Chapters

- Nagurney, A., Salarpour, M., Dong, J., Dutta, P. (2021). Competition for medical supplies under stochastic demand in the Covid-19 pandemic: A Generalized Nash Equilibrium framework. In: *Nonlinear Analysis and Global Optimization*, Themistocles M. Rassias, and Panos M. Pardalos, Editors, Springer Nature Switzerland AG, pp 331-356.

Selected Conference Presentations

- Salarpour, M., Zeinolabedinzadeh, K. (2024). Global Competition over Semiconductors Manufacturing: A Two-Stage Stochastic Supply Chain Network Model Approach. Presented at the INFORMS Annual Meeting, Seattle, WA, October 20-23, 2024.

- Nagurney, A., Salarpour, M., Dong, J. (2022). Modeling of Covid-19 trade measures on essential products: a multiproduct, multicountry spatial price equilibrium framework. Presented at the INFORMS Annual Meeting, Anaheim, CA, October 24-27, 2021; and at the POMS Conference, April 21 - 25, 2022.

- Salarpour, M., Nagurney, A. (2021). A multicountry, multicommodity stochastic game theory network model of competition for medical supplies inspired by the Covid-19 pandemic. Presented at the Northeast Decision Sciences Institute (NEDSI) 50th Annual Conference, March 26-27, 2021; and at the 31st European Conference on Operational Research, EURO 2021, July 11-14, 2021; and at the 5th International Conference on Dynamics of Disasters (DOD), July 15-18, 2021; and at the INFORMS Healthcare Conference 2021, July 21-23, 2021; and at the Decision Sciences Institute (DSI) 52nd Annual Conference, November 17-20, 2021; and at the INFORMS Annual Meeting, Indianapolis, IN, October 16-19, 2022.

- Nagurney, A., Salarpour, M., Dong, J., Dutta, P. (2021). Competition for medical supplies under stochastic demand in the Covid-19 pandemic: A Generalized Nash Equilibrium framework. Presented at the <u>INFORMS Annual Meeting</u>, November 7-13, 2020 (By Pritha Dutta); and at the <u>Decision Sciences Institute (DSI) 51st</u> Annual Conference, November 21-23, 2020; and at the <u>POMS 31st Annual Conference</u>, April 30 - May 5, 2021.

- Nagurney, A., Salarpour, M., Dong, J., Nagurney, L. S. (2020). A stochastic disaster relief game theory network model. Presented at the <u>INFORMS Annual Meeting</u>, November 7-13, 2020.

- Nagurney, A., Salarpour, M., Daniele, P. (2019). An integrated financial and logistical game theory model for humanitarian organizations with purchasing costs, multiple freight service providers, and budget, capacity, and demand constraints. Presented at the <u>POMS Conference</u>, Washington, DC, May 2-6, 2019 (presented by Prof. Nagurney); and at the <u>4th International Conference on Dynamics of Disasters (DOD)</u>, Kalamata, Greece, July 1-5, 2019 (presented by Prof. Nagurney); and at the <u>INFORMS Annual Meeting</u>, Seattle, Washington, October 20-23, 2019.

TEACHING EXPERIENCE

Operations Management; MGT 307 (Multiple Sections) Department of Management, Marketing, and Management Science, ETAMU	Fall 2025, Summer 2025, Spring 2025, Fall 2024, Summer 2024, Spring 2024, Fall 2023, Summer 2023, Spring 2023, Fall 2022
Logistics Management; SCM 542 Department of Management, Marketing, and Management Science, ETAMU	Spring 2025, Spring 2024, Spring 2023
Global Supply Chain Management; MGT 576 Department of Management, Marketing, and Management Science, ETAMU	Fall 2025, Summer 2025, Fall 2024, Summer 2024, Summer 2023
Operations Management; MGT 575 Department of Management, Marketing, and Management Science, ETAMU	Summer 2024
Transportation and Logistics Management; SCM 342 Department of Management, Marketing, and Management Science, ETAMU	Spring 2024, Spring 2023 (Independent Study)
Managing Global Supply Chains; SCM 376 Department of Management, Marketing, and Management Science, ETAMU	Fall 2023, Fall 2022
Supply Chain Networks; SCM 541 Department of Management, Marketing, and Management Science, ETAMU	Fall 2025, Spring 2025 (Independent Study)
Introduction to Operations Management; OIM 301 Department of Operations and Information Management, UMass Amherst	Summer 2020
Business Data Analysis; OIM 240 Department of Operations and Information Management, UMass Amherst	Fall 2021, Spring 2021, Fall 2020, Spring 2020, Fall 2019

INSTITUTIONAL AND PROFESSIONAL SERVICES

Committee Member

Graduate Programs Task Force	Fall 2025
Hiring Committee for COB Department Heads	Summer 2025
Teaching Effectiveness Committee	Fall 2024 - Present
Hiring Committee for Economics Instructor	Spring 2024
Technology Assessment and Implementation Committee	Fall 2023 - Present

Curriculum and Program Development

IE Author
    Supply Chain Management Program SLOs — 2023 - Present

Supply Chain Management Program Development
    Actively contributed to development and implementation of the SCM program — 2022 - Present

COB Program Refresh Project
    Contributed to SCM curriculum redesign and enhancement — 2022

Manuscript Reviewer

International Journal of Production Economics

International Transactions in Operational Research

Operations Research Forum

Annals of Operations Research

Academic Conference Session Chair

Decision Sciences Institute (DSI) 52nd Annual Conference	2021
INFORMS Annual Meeting	2021
Northeast Decision Sciences Institute (NEDSI) 50th Annual Conference	2021
Decision Sciences Institute (DSI) 51st Annual Conference	2020
INFORMS Annual Meeting	2019

Panelist

Secrets of the Academic Job Market from Successful Applicants, Organized by the Office of Professional Development and Graduate Student Senate, UMass Amherst — 2022

UMass INFORMS

President	2019 - 2021
Treasurer	2018 - 2019
Communications Director	2017 - 2018

PROFESSIONAL AFFILIATIONS

Institute for Operations Research and the Management Sciences (INFORMS)	2017 - present
Association for Supply Chain Management (ASCM)	2023 - present
ASCM North Texas Chapter	2023 - present
Manufacturing and Service Operations Management Society (MSOM)	2017 - present
Transportation Science and Logistics Society (TSL)	2017 - present
Decision Sciences Institute (DSI)	2020 - present
Production and Operations Management Society (POMS)	2021 - present
The Virtual Center for Supernetworks, UMass Amherst	2017 - present

AWARDS AND HONORS

Isenberg Outstanding Doctoral Student Researcher Award Nomination	2021
Dissertation Research Support Award, Isenberg School of Management	2021
Magna Cum Laude and Cum Laude Awards, UMass INFORMS	2018 - 2021
Seth Bonder Foundation Grant, INFORMS Annual Meeting	2020
Outstanding Applicant Award, Management Science PhD, Isenberg School of Management	2017