

Mojtaba Salarpour

Assistant Professor
Department of Management and Economics
College of Business
Texas A&M University-Commerce
Commerce, TX
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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*

Advisor: Professor Anna Nagurney

M.Sc. in Transportation Planning and Engineering

January 2017

Sharif University of Technology
Department of Civil Engineering

Thesis Title: *Pre-disaster Planning in Transportation Networks, Considering Immediate, Short-term, and Long-term Losses – Case Study of the 2003 Bam Earthquake*

Advisor: Professor Hussain Porzahedy

B.Sc. in Civil Engineering

September 2014

K.N. Toosi University of Technology
Department of Civil Engineering

ACADEMIC APPOINTMENTS

Assistant Professor

August 2022 - present

PUBLICATIONS

Journal Publications

- 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.

Papers Presented at Conferences

- 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 INFORMS Annual Meeting, November 7-13, 2020 (By Pritha Dutta); and at the Decision Sciences Institute (DSI) 51st Annual Conference, November 21-23, 2020; and at the POMS 31st Annual Conference, 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 INFORMS Annual Meeting, 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 POMS Conference, Washington, DC, May 2-6, 2019 (presented by Prof. Nagurney); and at the 4th International Conference on Dynamics of Disasters (DOD), Kalamata, Greece, July 1-5, 2019 (presented by Prof. Nagurney); and at the INFORMS Annual Meeting, Seattle, Washington, October 20-23, 2019.

Google Scholar Profile

[Mojtaba Salarpour - Google Scholar](#)

AWARDS AND HONORS

Nominated by the Management Science PhD track of the OIM Department for the Isenberg Outstanding Doctoral Student Researcher Award	2021
Dissertation Research Support Award from Isenberg School of Management	2021

Cum Laude Award, UMass INFORMS, at the INFORMS Annual Meeting (Position held: President)	2021
Selected for Doctoral Student Consortium at the POMS Annual Conference	2021
Selected for Doctoral Student Colloquium at the INFORMS Annual Meeting	2020
Selected for Doctoral Student Symposium at the DSI Annual Conference	2020
Grant by the Seth Bonder Foundation, awarded at the INFORMS Annual Meeting	2020
Magna Cum Laude Award, UMass INFORMS, at the INFORMS Annual Meeting (Position held: President)	2020
Cum Laude Award, UMass INFORMS, at the INFORMS Annual Meeting (Position held: Communications Director)	2018
Outstanding Applicant Award in Management Science, from the Isenberg School of Management PhD Program	2017

RESEARCH EXPERIENCE

Graduate Research Assistant

Department of Operations and Information Management Isenberg School of Management, University of Massachusetts Amherst	Sep. 2017 – May 2022
Dissertation Title: <i>Essays on Supply Chain Economic Networks for Disaster Management Inspired by the Covid-19 Pandemic</i>	

Transportation Planning and Engineering Department Department of Civil Engineering, Sharif University of Technology	Sep. 2014 - Jan. 2017
Thesis Title: <i>Pre-disaster Planning in Transportation Networks, Considering Immediate, Short-term, and Long-term Losses – Case Study of the 2003 Bam Earthquake</i>	

Center Associate

The Virtual Center for Supernetworks, UMass Amherst	Fall 2017 - present
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TEACHING EXPERIENCE

University Teaching

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| <ul style="list-style-type: none"> Operations Management; MGT 307
Department of Management and Economics, TAMUC | Spring 2023 (3 Sections),
Fall 2022 (2 sections) |
| <ul style="list-style-type: none"> Logistics Management; SCM 542
Department of Management and Economics, TAMUC | Spring 2023 |
| <ul style="list-style-type: none"> Logistics and Transportation Management; SCM 489 (Independent Study)
Department of Management and Economics, TAMUC | Spring 2023 |

- Managing Global Supply Chains; SCM 376
Department of Management and Economics, TAMUC Fall 2022
- Introduction to Operations Management; OIM 301 - UWW class
Department of Operations and Information Management, UMass Amherst Summer 2020
- Business Data Analysis; OIM 240 - UWW class
Department of Operations and Information Management, UMass Amherst Fall 2021, Spring 2021
- Business Data Analysis; OIM 240
Department of Operations and Information Management, UMass Amherst Fall 2021, Fall 2020,
Spring 2020, Fall 2019

Teaching Assistant

- Logistics and Transportation; OIM 413
Department of Operations and Information Management, UMass Amherst Fall 2018, Fall 2017
Instructor: Professor Anna Nagurney

PROFESSIONAL SERVICES

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- Supply Chain Management Program Development.** Actively involved in the design, development, and implementation of the Supply Chain Management program, College of Business, TAMUC 2022 – Present
 - COB Program Refresh Project.** Contributed to the COB Program Refresh project by working on the SCM curriculum, College of Business, TAMUC 2022
 - Panelist,** Secrets of the Academic Job Market from Successful Applicants, Organized by the Office of Professional Development and Graduate Student Senate, UMass Amherst 2022
 - Panelist,** People of Color in Academia: Opportunities, Challenges, and Resources, Organized by the Office of Inclusion and Engagement in the UMass Amherst Graduate School 2021
 - President,** UMass Amherst Student Chapter of INFORMS 2020 – 2021
 - President,** UMass Amherst Student Chapter of INFORMS 2019 – 2020
 - Treasurer,** UMass Amherst Student Chapter of INFORMS 2018 – 2019
 - Communications Director,** UMass Amherst Student Chapter of INFORMS 2017 – 2018
 - Session Chair,** Don't Panic: Managing Humanitarian Crises, the Decision Sciences Institute (DSI) 52nd Annual Conference 2021
 - Session Chair,** Disaster and Disruption Management I, Virtual Session, INFORMS Annual Meeting 2021
 - Session Chair,** Supply Chains in Pandemics, the Northeast Decision Sciences Institute (NEDSI) 50th Annual Conference 2021
 - Session Chair,** Optimizing Humanitarian Supply Chain Networks, Humanitarian Operations and SCM, the Decision Sciences Institute (DSI) 51st Annual Conference 2020

Session Chair , Revenue Management, Pricing IV, INFORMS Annual Meeting, Seattle, Washington	2019
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Manuscript Reviewer

<i>International Journal of Production Economics</i>	2020 – present
<i>International Transactions in Operational Research</i>	2022
<i>Operations Research Forum</i>	2022
<i>Annals of Operations Research</i>	2020

PROFESSIONAL AFFILIATIONS

Institute for Operations Research and the Management Sciences (INFORMS)	2017 - present
The Manufacturing and Service Operations Management Society (MSOM) of INFORMS	2017 - present
Transportation Science and Logistics Society (TSL) of INFORMS	2017 - present
Decision Sciences Institute	2020 - present
Production and Operations Management Society	2021 - present