

Reut Bonshtain-Noham

Senior Lecturer, Department of Industrial Engineering, Faculty of Engineering, Tel Aviv University. Spent three years as a postdoctoral fellow at the Department of Industrial Engineering and Management Sciences at Northwestern University.

Main research interests: Supply Chain Management and Logistics, focusing on humanitarian supply chains, healthcare systems, and non-for-profit optimization.

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Publications:

1. Noham, R., Tzur, M. and Yamin, D. (2022). An Indirect Prioritization Approach to Optimizing Sample Referral Networks for HIV Early Infant Diagnosis. *IIE Transactions*, 54(4), 405-420.
2. Noham, R. and Tzur, M. (2020). Design and Incentive Decisions to Increase Cooperation in Humanitarian Relief Networks. *IIE Transactions*, 52(12), 1297-1311.
3. Noham, R. and Tzur, M. (2018) Designing Humanitarian Supply Chains by Incorporating Actual Post-Disaster Decisions. *European Journal of Operational Research*. 265(3), 1064-1077.
4. Noham, R. and Tzur, M. (2014). The single and multi-item transshipment problem with fixed transshipment costs. *Naval Research Logistics*. 61, 637-664.

Submitted papers:

5. Escallon-Barrios, M., Noham, R. and Smilowitz, K. (2023). Effectively Combining Centralized Scheduling and Self Scheduling in Workforce Management.
6. Wickett, E., Noham, R., Ndorbor, T., Lockwood, T., Hayes, K. and Smilowitz, K. (2022). Assessing Operational Feasibility for Adaptive Sampling Policies in Post-Market Surveillance

Work in progress:

7. Noham, R. and Smilowitz, K. (2023). Multi-Session Appointment Scheduling with Heterogeneous Clients.
8. Noham, R. and Eisenhandler, O. (2023). The Humanitarian Transshipment problem

Education:

Ph.D. Industrial Engineering, Tel-Aviv University. Dissertation: Designing humanitarian supply chains: applications to disaster management and sample referral networks in healthcare systems.	2011-2018
M.Sc. Summa Cum Laude. Industrial Engineering (direct track), Tel-Aviv University.	2008-2011
B.Sc. Summa Cum Laude. Industrial Engineering, Tel-Aviv University.	2005-2009

Academic Distinctions, Awards and Scholarships:

- Winner of the EURO Award for the Best EJOR Paper - Innovative Applications of OR - 2021
- Tel Aviv -Northwestern Postdoctoral Fellowships – 2018 (90K USD)
- Eric and Wendy Schmidt Postdoctoral Award for Women in Mathematical and Computing Sciences – 2018 (100K USD)

- The Israeli Ministry of Science and Technology scholarship for 2016-2017 on applied scientific research (250K NIS)
- Scholarship for excellence achievements (graduate studies): 2010

Teaching:

Department of Industrial Engineering, Tel-Aviv University (Senior Lecturer)

Stochastic Models in Operations Research (Spring 2023)

Data structures (Spring 2011-2018)

Department of Industrial Engineering and Management Science, Northwestern University:

IEMS 381 - Supply chains modeling and analysis (Fall 2019, 2020, 2021)

Advisor in IEMS 394 - Industrial engineering client project challenge (Spring 2020)

Teaching Awards:

- Faculty excellence teaching award for 2011, 2012, 2014, 2016

Active Participation in Scientific Meetings:

- POMS Annual Meeting, (2023)
- INFORMS Annual Meeting, (2022)
- INFORMS Virtual Annual Meeting, (2020)
- INFORMS Annual Meeting, Seattle, WA USA (2019)
- Annual Workshop of the EURO Working Group on Vehicle Routing and Logistics optimization (VeRoLog), Amsterdam, Netherlands (2017)
- Production and Operations Management Society (POMS) International Conference, Israel (2017)
- Operations Research Society of Israel (ORSIS) conference, Israel (2015)
- POMS (Production and Operations Management Society) 25th Annual conference, Atlanta, GA USA (2014)
- 2nd Workshop of the Turkish and Israeli Operations Research Societies (WITOR2), Israel (2013)
- Operational Research Peripatetic Postgraduate Program (ORP3) Austria, (2012)
- Operations Research Society of Israel (ORSIS) conference, Israel (2012)
- 5th National Industrial Engineering and Management research meeting, Israel (2011)
- Operations Research Society of Israel (ORSIS) conference, Israel (2010)
- 16th Industrial Engineering and Management conference, Israel (2010)