

# Mahyar Eftekhar

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## Appointments

W. P. CAREY SCHOOL OF BUSINESS, ARIZONA STATE UNIVERSITY

Assistant (2014–2020); Associate Professor (2020–) of Supply Chain Management

2022– ASU Barrett Faculty Honors Advisor for Supply Chain Management (over 160 students)  
2015–2022 ASU Barrett Honors Faculty  
2018– ASU Global Security Initiative

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## Education

06/2013 HEC PARIS SCHOOL OF MANAGEMENT, France  
Ph.D. in Information Systems & Operations Management  
07/2007 CHALMERS UNIVERSITY OF TECHNOLOGY, Sweden  
M.Sc. in Production & Operations Management  
09/2002 AZAD UNIVERSITY SOUTH TEHRAN BRANCH, Iran  
B.Sc. in Industrial Engineering

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## Research Interests

International development (e.g., health & humanitarian logistics, food waste, women empowerment, child protection, pollution) • Nonprofit OM: food banks & social services organizations • Emergency response operations.

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## Editorial Positions

2024– *Associate Editor*, Manufacturing & Service Operations Management.  
2017– *Senior Editor*, Production and Operations Management.  
2015–2017 *Editorial Review Board*, Production and Operations Management.  
2018– *Editorial Review Board*, Journal of Operations Management.

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## Current Projects\*

1. *A field experimental study related to labor uncertainty in nonprofit settings*  
(with Karen Zheng and †Lily (Xinming) Liu)  
\* Industry collaborators: The [SVdP Phoenix](#) and [Midwest Food Bank, Arizona](#)
  2. *An experimental study related to designing volunteering events*  
(with Chao Wu)
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\*denotes to industry collaborators and † denotes to PhD students at the time of authorship.

3. *An empirical/analytical study related to drug distribution models in Bangladesh*  
(with Amir Karimi)  
★ Industry collaborator: [Bangladesh Ministry of Health and Family Welfare](#)
4. *An empirical/analytical study related to demand-supply mismatch in food banks*  
(with Karen Zheng and †Yuan Shi)  
★ Industry collaborator: [Midwest Food Bank, Arizona](#)

## Being Prepared for (Re-)Submission

1. Using Behavioral Nudges to Reduce Food Wastage: Evidence from a Field Experiment  
(with Karen Zheng, †Lily (Xinming) Liu, and Richard Boso.)
2. Forming a Humanitarian Coalition When Time Is Short  
(with †Iman Parsa, Scott Webster and Luk Van Wassenhove)  
★ Industry partner: The [UN Logistics Cluster](#).
3. Prepositioning Inventory of Multiple Items for Humanitarian Relief: Strategic Investment and Budget Allocation  
(with Scott Webster)
4. Resource Allocation and Scheduling for Efficient and Equitable Access to Education  
(with Mohsen Emadikhav, David Bergman and Carlos Cardonha)
5. Improving Efficiency, Effectiveness and Equity of Response Operations: Prioritizing Relief Items or Locations?  
(with †Mohammed Nawazish, Sidhartha Padhi, and Mohammad Delasay)  
★ Industry partner: [Smile Foundation](#).

## Under Review

6. Workforce Configuration in Charity Settings: A Forward-looking Approach  
(with †Chao Wu and Joline Uichanco)  
*Manufacturing & Service Operations Management*, Under 3rd round of review w major revisions.  
★ To practice: Results have been adopted by the [Society of St. Vincent de Paul](#).
7. Efficiency Illusion: Grant Provision in Charity Settings  
(with †Iman Parsa)  
*Manufacturing & Service Operations Management*, Under review.

## Publications

8. Does Volunteering Crowd Out Donations? Evidence from Online Experiments  
(with †Chao Wu)  
*Manufacturing & Service Operations Management*, Conditionally accepted (w minor changes).  
★ To practice: Results have been adopted by the [Society of St. Vincent de Paul](#), and the [AmPhil](#).
9. Which Is More Rewarding in Managing Sea Level Rise and Hurricane Storm Surge Flooding: Mitigation or Response?  
(with †Donald Jenkins, Foad Mahdavid Pajouh, and Paul Kirshen)  
*Production and Operations Management*, (Forthcoming).  
★ To practice: Results have been shared with policy makers and practitioners including [NOAHCDC](#).

10. [Improving the Quality of In-kind Donations: A Field Experiment](#)  
(with \*Sindy De La Torre Pacheco and †Chao Wu)  
*Manufacturing & Service Operations Management*, 25(5): 1677-1691, 2023.  
★ To practice: Results have been adopted by the [Society of St. Vincent de Paul](#).
11. [Does Better Governance Relax the Efficiency Squeeze Experienced by Non-profit Organizations?](#)  
(with †Iman Parsa and Charles Corbett)  
*Production and Operations Management*, 31(8): 3288-3303, 2022.  
★ Finalist, 2019 POMS College of HOCM Best Paper Award (earlier version)
12. [Pre-Positioning and Local-Purchasing for Emergency Operations Under Budget and Supply Uncertainty](#)  
(with Jeannette Song and Scott Webster)  
*Manufacturing & Service Operations Management*, 24(1): 315-332, 2022.  
★ To practice: Results have been shared with many firms including [JSI](#), [CRS](#), [MSF](#) and [WFP](#).  
★ Finalist, 2018 & 2019 POMS College of HOCM Best Paper Award (earlier versions)
13. [The Facts on the Ground: Evaluating Humanitarian Fleet Management Policies Using Simulation](#)  
(with †Liyi Gu and Ilya Ryzhov)  
*European Journal of Operational Research*, 293(2): 681-702, 2021.  
★ Finalist, 2019 POMS College of HOCM Best Paper Award (earlier version)  
★ Industry partner: the [ICRC](#)
14. [An Approach for Managing Operating Assets for Humanitarian Development Programs](#)  
(with †Milad Keshvari Fard and Felix Papier)  
*Production and Operations Management*, 28(8): 2132-2151, 2019.  
★ Winner, 2017 POMS College of HOCM Best Paper Award
15. [The Role of Media Exposure on Coordination in the Humanitarian Setting](#)  
(with Hongmin Li, Scott Webster, and Luk Van Wassenhove)  
*Production and Operations Management*, 26(5): 802-816, 2017.  
★ Runner-up, 2015 POMS College of HOCM Best Paper Award
16. [Evaluating Information Diffusion Speed and its Determinants in Social Media Networks during Humanitarian Crises](#)  
(with †Eunae Yoo, William Rand, and Elliot Rabinovich)  
*Journal of Operations Management*, 45: 123-133, 2016.
17. [Fleet Management Policies for Humanitarian Organizations: Beyond the Utilization-Residual Value Trade-off](#)  
(with Luk Van Wassenhove)  
*Journal of Operations Management*, 44(1): 1-12, 2016.  
★ To practice: Results have been adopted by the [ICRC](#) and the [UNHCR](#).
18. [Fleet Management in Humanitarian Sector](#)  
(Invited article: Elwood S. Buffa Doctoral Dissertation Award)  
*Decision Sciences*, 46(2): 447-453, 2015.
19. [Vehicle Procurement Policy for Humanitarian Development Programs](#)  
(with Andrea Masini, Andreas Robotis, and Luk Van Wassenhove)  
*Production and Operations Management*, 23(6): 951-964, 2014.  
★ To practice: Results have been shared with the [ICRC](#).
20. [A Distribution Method for Bullwhip Reduction](#)  
(with Ahmad Makui and Kent Lumsden)  
*International Journal of Electronic Customer Relationship Management*1(4): 390-401, 2008.

21. [Designing a Multi-Objective Nonlinear Cross-docking Allocation Model Using Genetic Algorithm](#)  
(with Ahmad Makui and Laleh Heydarian)  
*Journal of Industrial Engineering International*, 3: 27-42, 2006.

#### OTHER PUBLICATIONS & INDUSTRY REPORTS

- 03/2021 [Beyond the Visual: Media Exposure and Coordination in Humanitarian Emergencies](#)  
(with Scott Webster and Prashant Yadav)  
Center for Global Development. (Also, republished at [Relief Web](#))

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#### Recognitions

- 2023 USAID Grant (through CARISCA) for an experimental project: \$9,570  
2019– ASU Funding Supports  
W.P. Carey Dean’s Excellence in Research: \$20,000 (2019), \$10,000 (2020), \$20,000 (2021), \$5,000 (2022) || Institute for Social Science Research Seed Grant \$7,750 (2021)  
2019–2020 W.P. Carey Best Teaching Award: “Business is Personal” Inclusive, Finalist  
Dean’s List for Teaching Impact  
2019 ASU Institute for Social Science Research Award– 3rd place (Advisor & co-author of Iman Parsa)  
POMS Humanitarian Operations & Crisis Management Best Paper Award  
2019: Finalist for 3 papers || 2018: Finalist || 2017: Winner || 2015: Runner-up  
2018 [DARPA Young Faculty Award](#)  
(Strategic Technology Office; amount \$583,671: base \$369,873 & optional extension of \$216,671)  
2017 Carol J. Latta Memorial DSI Emerging Leadership Award for Outstanding Early Career Scholar  
2014 Elwood S. Buffa Outstanding Dissertation Award from Decision Sciences Institute

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#### Invited Seminars & Conferences

- 2024 Katz Graduate School of Business, University of Pittsburgh  
College of Business, Florida Atlantic University  
School of Business, Wake Forest University  
Questrom School of Business, Boston University
- 2023 Sloan School of Management, MIT  
Gies College of Business, University of Illinois Urbana Champaign  
ESMT Berlin, Germany  
Department of Business Logistics, University of Economics in Katowice, Poland  
D’Amore-McKim School of Business, Northeastern University  
Center for Transportation & Logistics, MIT  
Smeal College of Business, Penn State University  
Industrial and Systems Engineering, Lehigh University  
POMS Annual Conference, Orlando
- 2022 INFORMS Annual Meeting, Indianapolis || EurOMA Annual Conference, Berlin
- 2021 INFORMS Annual Meeting.
- 2019 McDonough School of Business, Georgetown University  
Fisher College of Business, The Ohio State University  
UCL School of Management, University College London, UK  
Rotterdam School of Management, Erasmus University, The Netherlands  
Cass Business School, City University of London, UK  
Smith School of Business, University of Maryland  
Carroll School of Management, Boston College  
HEC Paris School of Management, France

- Vlerick Business School, Belgium  
POMS Annual Conference, D.C. || INFORMS Annual Meeting, Seattle || POMS International Conference, Brighton
- 2018 Sichuan School of Business, Sichuan University, Chengdu, China  
Zombie Apocalypse Medicine Meeting, ASU  
Carey School of Business, ASU  
INFORMS Annual Meeting, Phoenix || POMS Annual Conference, Houston
- 2017 Fisher College of Business, The Ohio State University  
Mays Business School, Texas A&M University  
INFORMS Annual Meeting, Houston || POMS Annual Conference, Seattle
- 2016 Iran Institute of Industrial Engineering, (at Tehran Polytechnic), Tehran, Iran  
INFORMS Annual Meeting, Nashville || POMS Annual Conference, Orlando
- 2015 INFORMS Annual Meeting, Philadelphia || POMS Annual Conference, D.C.
- 2014 DSI Annual Conference, Tampa || INFORMS Annual Meeting, San Francisco
- 2013 Carey School of Business, ASU  
Carlson School of Management, University of Minnesota  
ESSEC School of Business, France  
INSEAD Humanitarian Research Group, France
- 2012 INFORMS Annual Meeting, Phoenix || POMS Annual Conference, Chicago
- 2011 POMS Annual Conference, Reno  
INFORMS Annual Meeting, Austin || POMS Annual Conference, Vancouver

## TO INDUSTRY PRACTITIONERS

- 2021 *Inventory Management for Rapid-onset Disasters*  
JSI Health Logistics (DC), System Strengthening Working Group Webinar.
- 2020 *Workforce Management in Charity Settings: The Heterogeneous Value of Volunteers*  
The Society of St. Vincent De Paul, Teleconference for managers located at Phoenix, AZ.
- 2019 *Do Humanitarians Join the Coalition? Management's Perception vs. Reality*  
United Nations Logistics Cluster, Rome, Italy.
- 2019 *Supply Management for the Immediate Relief Period of Rapid-onset Disasters*  
Doctors Without Borders, Teleconference for managers located at Brussels, Belgium.  
The World Food Programme, Teleconference for the SCM Unit, Rome, Italy.  
Catholic Relief Services, World Headquarters, Baltimore, MD.
- 2015 *Coordination in Emergency Relief Operations*  
Network for Value Chain Excellence Board Meeting, ASU.
- 2014 *Humanitarian logistics: Challenges and Opportunities*  
Network for Value Chain Excellence Board Meeting, ASU.

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## Service

- 2024 Committee chair of the Dino Petrarolo Emerging Economies Doctoral Dissertation Award.
- 2024 Member of the POMS Chelliah Sriskandarajah Early Career Research Award Committee.
- 2024 Member of the [Franz Edelman Award Committee](#)  
(Also, served as a coaching member for a finalist company.)
- 2023 Member of the Jury for the [Lynn C. Fritz Medal for Excellence in Humanitarian Logistics Competitions](#):
- 2016–

M&SOM SIG (Reviewer 2022-2024)

POMS HOCM Best Paper Award (Reviewer 2016; 2018; 2021)

DSI Chicago Elwood S. Buffa Outstanding Dissertation Award (Chair 2018)

DSI Outstanding Early Career Scholar (Member 2019-2021; Chair 2022)

- 2014– *Ad-hoc reviewer*: Annals of Operations Research; Computer & Industrial Engineering; Decision Sciences; European Journal of Operational Research; International Journal of Production Economics; Journal of Humanitarian Logistics and Supply Chain Management; Journal of Supply Chain Management; Management Science; Manufacturing & Service Operations Management; OR Spectrum; SAGE Publication; Scientific Reports; Transportation Science.
- 2022|2023 *VP Programs*, INFORMS Public Sector Operations Research (and PSOR *Track Co-chair* at INFORMS Annual Meetings in Indianapolis & Phoenix).
- 2018|2019 *Track co-chair*, POMS Humanitarian Operations & Crisis Management, (at POMS Houston & D.C.).
- 2018-2019 *VP Outreach*, POMS College of Humanitarian Operations & Crisis Management.
- 2010– *Session chair*, [many] POMS and INFORMS Conferences.

### INTERNAL SERVICES (ASU)

- 2023 SCM Tenured (Associate Professor) Faculty Search Committee (Member)
- 2023– SCM Department Representative for Academic Programs' Rankings (e.g., Gartner)
- 2022– SCM Post-doc Fellow Program Coordinator
- 2022 SCM Post-doc Fellow Search Committee (Chair)
- 2014|2022 SCM Clinical Faculty Search Committee (Member)
- 2020|2021 SCM Tenure-track Faculty Search Committee (Member)
- 2021 Dept. of Supply Chain Management Bylaws Review Committee (Member)
- 2020– SCM Personnel Committee (Member)
- 2019-2021 Supply Chain Executive Consortium (SCEC)-Logistics Alliance (Member)
- 2019-2021 Dept. of Supply Chain Management Master's Committee (Member)
- 2015-2017 W. P. Carey SCM Seminars (Organizer)
- 2014 ASU SCMA Case Competition Committee (Member)
- 2014 Outstanding Graduating Senior Committee (Member)

### Teaching

#### W. P. CAREY SCHOOL OF BUSINESS:

- 2014-2018|2022– *Introduction to Logistics Management* (345 Undergraduate in SCM)
- 2021 *Logistics Management* (344 Undergraduate in Global Logistics)
- 2018– *Logistics Management* (Specialized Master in Global Logistics)
- 2017-2021 *Logistics Management* (Part-time, Full-time, Online MBA)
- 2023 *Risk Sharing & Coordination* (EMBA: AZNext Early Career Leadership)
- 2016 *Optimal Control Theory* (PhD Workshop)

#### OTHER UNIVERSITIES:

- 2023 *Research Method Workshop* at KNUST School of Business, Kwame Nkrumah University of Science and Technology, Ghana

### TEACHING MATERIALS DEVELOPED

- 2023-2024 *SC for Social Good*: 15 Sessions, 2.5 hours each, including 5 original case studies created from scratch
- 2023-2024 *OM at Startups*: 15 Sessions, 2.5 hours each, including 4 original case studies created from scratch
- 2022 *Operations Strategy*: 15 Sessions, 2.5 hours each
- 2018 *Logistics*: 15 Sessions, 2.5 hours each – for MBA and MSGL
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## Media Mentions

W P Carey Magazine: *Prepositioning inventory to prepare for disaster response* (10/2021), ASU Now: *Operations expert's research helps organizations solve complicated problems* (07/2019), ASU Now: *Improving disaster response and relief* (07/2018), The Financial Times: *David Miliband on reacting to a global emergency and political comebacks*. (05/2018), ASU Research & Ideas: *How media helps and hurts disaster relief* (07/2017), ASU Research & Ideas: *Relief on wheels: Research cuts costs of humanitarian aid* (04/2015).

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### PH.D. STUDENTS

Exp. 2026	Yuan Shi (MIT Sloan; Coauthor w. Karen Zheng)
Exp. 2025	Xinming Liu (MIT Sloan; Coauthor w. Karen Zheng)
2023	Chao Wu (ASU Carey School; Chair); Assistant Professor at Mike Ilitch School of Business, WSU
2022	Iman Parsa (ASU Carey School; Chair); Assistant Professor at Stockholm School of Economics
2019	Liyi Gu (UMD Smith School; Coauthor); Assistant Prof. Southern Univ. of Sci. & Tech., China.
2019	Cameron Taylor (Univ. of Auckland; External Examiner); Sr. Data Analyst at The Warehouse Group
2018	Eunae Yoo (ASU Carey School; Coauthor); Assistant Prof. Indiana Univ.
2018	Milad Keshvarifard (ESSEC; Coauthor); Assistant Prof. Newcastle Univ., UK