

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](#)

2024– Harold E. Fearon Fellow of Purchasing Management at [CAPS](#)

2022– ASU Barrett Faculty Honors Advisor for Supply Chain Management (over 160 students)

2015–2022 ASU Barrett Honors Faculty

2018– [ASU Global Security Initiative](#)

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

Research Interests

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

Editorial Positions

2024– Associate Editor, *Manufacturing & Service Operations Management*.

2017– Senior Editor, *Production and Operations Management*.

2018– Editorial Review Board, *Journal of Operations Management*.

2015–2017 Editorial Review Board, *Production and Operations Management*.

Publications*

12. [Workforce Configuration in Charity Settings: A Forward-looking Approach](#) (w. †Chao Wu and Joline Uichanco) *Manufacturing & Service Operations Management*, 26(6): 1981-2350, 2024.

★ To practice: Results have been adopted by the [Society of St. Vincent de Paul](#).

★ Finalist for the INFORMS 2024 Service Science Best Cluster Paper Award.

11. [Does Volunteering Crowd Out Donations? Evidence from Online Experiments](#) (w. †Chao Wu) *Manufacturing & Service Operations Management*, 26(4): 1542-1566, 2024.

★ To practice: Results have been adopted by the [Society of St. Vincent de Paul](#), and the [AmPhil](#).

10. [Which Is More Rewarding in Managing Sea Level Rise and Hurricane Storm Surge Flooding: Mitigation or Response?](#) (w. †Donald Jenkins, Foad Mahdavid Pajouh, and Paul Kirshen) *Production and Operations Management*, 33(1): 364-382, 2024.

★ To practice: Results have been shared with policy makers and practitioners including [NOAHCCDC](#).

The symbol “” denotes industry collaborators, and “†” denotes PhD students at the time of authorship.

9. [Improving the Quality of In-kind Donations: A Field Experiment](#) (w. *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](#).
 * A five-minute Video on [YouTube](#).
8. [Does Better Governance Relax the Efficiency Squeeze Experienced by Non-profit Organizations?](#) (w. †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)
7. [Pre-Positioning and Local-Purchasing for Emergency Operations Under Budget and Supply Uncertainty](#) (w. 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)
6. [The Facts on the Ground: Evaluating Humanitarian Fleet Management Policies Using Simulation](#) (w. †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](#)
5. [An Approach for Managing Operating Assets for Humanitarian Development Programs](#) (w. †Milad Keshvari Fard and Felix Papier) *Production and Operations Management*, 28(8): 2132-2151, 2019.
 * Winner, 2017 POMS College of HOCM Best Paper Award
4. [The Role of Media Exposure on Coordination in the Humanitarian Setting](#) (w. 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
3. [Evaluating Information Diffusion Speed and its Determinants in Social Media Networks during Humanitarian Crises](#) (w. †Eunae Yoo, William Rand, and Elliot Rabinovich) *Journal of Operations Management*, 45: 123-133, 2016.
2. [Fleet Management Policies for Humanitarian Organizations: Beyond the Utilization-Residual Value Trade-off](#) (w. Luk Van Wassenhove) *Journal of Operations Management*, 44(1): 1-12, 2016.
 * To practice: Results have been adopted by the [ICRC](#) and the [UNHCR](#).
1. [Vehicle Procurement Policy for Humanitarian Development Programs](#) (w. 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](#).

Working Papers & Papers Under Review*

10. [Reducing Food Waste in Production: A Field Experiment in Ghana](#). (w. Yanchong Zheng, †Xinming Liu, and Richard Boso) *Under review*.
 * Industry collaborator [Ghana Tourism Authority](#).
 * Finalist of 2024 INFORMS PSOR Best Video Competition; Video available on [YouTube](#).
9. [Revisiting Coordination in Humanitarian Operations: The Role of Coordination Structures](#) (w. †Iman Parsa, Scott Webster and Luk Van Wassenhove) *Under review*.
 * Industry partner: The [UN Logistics Cluster](#).
8. [Prepositioning Inventory of Multiple Items for Humanitarian Relief: Strategic Investment and Budget Allocation](#) (w. Scott Webster) *Under review*.

* Available upon request.

7. Efficiency Illusion: Grant Provision in Charity Settings (w. Iman Parsa) *In preparation for resubmission.*
6. Resource Allocation and Scheduling for Efficient Access to Education (w. Mohsen Emadikhiav, David Bergman and Carlos Cardonha) *Being finalized for submission.*
 ★ To practice: Results have been adopted by the [New York Sun Works](#).

Ongoing Projects

5. *Shortage or Surplus: Addressing Health Supply Imbalances in Bangladesh* (w. Amir Karimi and Nazlı Sönmez)
 ★ Industry collaborator: [Bangladesh Ministry of Health and Family Welfare](#)
4. *Enhancing Learning Outcomes: A Field Experiment in Rwanda* (w. León Valdés and †Gabriel Pensamiento Calderon)
 ★ Industry collaborators: [NABU](#)
3. *An experimental study related to the dynamics of individuals' volunteering experience* (w. León Valdés and †Gabriel Pensamiento Calderon)
2. *Fair and Efficient Inventory Management under Display-Dependent Demand (two projects)* (w. Yanchong Zheng and †Yuan Shi)
 ★ Industry collaborator: [Midwest Food Bank, Arizona](#)
1. *A data-driven optimization project for redesigning UNHCR supply chain*
 ★ Industry collaborators: UN High Commissioner for Refugees

OTHER PUBLICATIONS

- 07/2023 Does Volunteering Crowd Out Donations? Evidence from Online Experiments; (w. †Chao Wu) *Academy of Management Proceeding*, 2023(1); 10344.
- 03/2021 [Beyond the Visual: Media Exposure and Coordination in Humanitarian Emergencies](#); (w. Scott Webster and Prashant Yadav) *Center for Global Development*. (Also, republished at [Relief Web](#))
- 2015 [Fleet Management in Humanitarian Sector](#); (Invited article: Elwood S. Buffa Doctoral Dissertation Award) *Decision Sciences*, 46(2): 447-453.
- 2008 [A Distribution Method for Bullwhip Reduction](#) (w. Ahmad Makui and Kent Lumsden) *International Journal of Electronic Customer Relationship Management*1(4): 390-401.
- 2006 [Designing a Multi-Objective Nonlinear Cross-docking Allocation Model Using Genetic Algorithm](#) (w. Ahmad Makui and Laleh Heydarian) *Journal of Industrial Engineering International*, 3: 27-42.

Recognitions

- 2024 INFORMS *Public Sector OR* Best Video Award; Finalist
- 2024 INFORMS *Service Science* Best Cluster Paper Award; Finalist
- 2024 W. P. Carey [Dean's Mid-Career](#) Excellence Research Award
- 2024 W. P. Carey Huizingh [Outstanding Undergraduate Teacher](#) Award; Finalist
- 2024 ASU Presidential Graduate Assistantship Grant: \$49,170 (First recipient in W. P. Carey)
- 2023 USAID Grant for an experimental project to reducing food waste in Ghana: \$12,070
- 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: \$583,671**

(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

Invited Seminars & Conferences

Sched. 02/28/2025 SC Johnson College of Business, Cornell

Sched. 02/21/2025 School of Business, UC Riverside

Sched. 01/24/2025 McCombs School of Business, UT Austin

2024 Bauer College of Business, University of Houston

INFORMS Annual Meeting, Seattle

CARISCA Summit, Accra, Ghana (virtual presentation)

Universidad Peruana de Ciencias Aplicadas, Lima, Peru (virtual presentation)

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

European School of Management and Technology (ESMT), Berlin, Germany

KNUST School of Business, Kwame Nkrumah University of Science and Technology, Ghana

Department of Business Logistics, University of Economics in Katowice, Poland

D'Amore-McKim School of Business, Northeastern University

Smeal College of Business, Penn State University

Industrial and Systems Engineering, Lehigh University

POMS Annual Conference, Orlando

Center for Transportation & Logistics, MIT

2022 INFORMS Annual Meeting, Indianapolis || EurOMA Annual Conference, Berlin

2021 INFORMS Annual Meeting (virtual presentation)

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

Bayes 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

Sched. 04/2025 *Generating Data for Informed Decision-Making*
 CAPS.
 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.

Service

2024– Founder (& organizer) of INFORMS' *Contemporary OM in Developing Economies* webinar
 2024 Committee chair of the POMS Dino Petrarolo Emerging Economies Doctoral Dissertation Award
 2024 Member of the POMS Chelliah Sriskandarajah Early Career Research Award Committee
 2024– Subject Matter Expert; Science Advice and Guidance for Emergencies, DHS Directorate of Science and Technology
 2024 Member of the [Franz Edelman Award Committee](#)
 (Also, served as a coaching member for a finalist company.)
 2024 INFORMS Doctoral Student Colloquium Panelist (Seattle)
 2024 Co-chair of the DSI Emerging Economies Showcase (Phoenix, AZ)
 2023|2024 Member of the Jury for the [Lynn C. Fritz Medal for Excellence in Humanitarian Logistics](#)
 2016– *Competitions/Events*: INFORMS BOM Best Working Paper Competition (Reviewer 2024); M&SOM SIG (Reviewer 2022, 2023); 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; M&SOM Conferences 2022–2024.
 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)

2024 SCM Tenure-track Faculty Search Committee (co-chair w. Karen Donohue)
 2024– SCM Doctor of Business Administration (DBA) Committee (Member)
 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:

2024–	<i>Managing Startup Supply Chains</i> (cross-listed 494 & 594)
2014–2018 2022–	<i>Introduction to Logistics Management</i> (345 Undergraduate in SCM)
2021	<i>Logistics Management</i> (344 Undergraduate in Global Logistics)
2018–2023	<i>Logistics Management</i> (Specialized Master in Global Logistics)
2017–2021	<i>Logistics Management</i> (Part-time, Full-time, Online MBA)
2023	<i>Risk Sharing & Coordination</i> (EMBA: AZNext Early Career Leadership)
2016	<i>Optimal Control Theory</i> (PhD Workshop)

TEACHING MATERIALS DEVELOPED

2023–2024	<i>Supply Chain for Social Good</i> : 15 Sessions, 2.5 hours each – for MBA & Undergraduate
2023–2024	<i>Managing Startup Supply Chains</i> : 11 Sessions, 2.5 hours each – for MBA & Undergraduate
2022	<i>Operations Strategy</i> : 15 Sessions, 2.5 hours each – for MBA
2018	<i>Logistics Management</i> : 15 Sessions, 2.5 hours each – for MBA & MS in Global Logistics

Media Mentions

ASU News: *Being kind with in-kind donations* ([12/2024](#)), 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](#)).

PH.D. STUDENTS

Exp. 2026	Yuan Shi (MIT Sloan)
Exp. 2025	Gabriel Pensamiento Calderon (Pitt Katz School; co-adviser w. León Valdés)
2024	Xinming (Lily) Liu (MIT Sloan); McKinsey & Company.
2023	Chao Wu (ASU; Adviser); Assistant Prof. Mike Ilitch School of Business, WSU.
2022	Iman Parsa (ASU; Adviser); Assistant Prof. Stockholm School of Economics, Sweden.
2019	Liyi Gu (UMD Smith School); Assistant Prof. Southern Univ. of Sci. & Tech., China.
2018	Eunae Yoo (ASU); Assistant Prof. Kelley School of Business, Indiana Univ.
