

Wei Wei

Assistant Professor of Decision Sciences
 Peter T. Paul College of Business and Economics
 University of New Hampshire
 Email: wei.wei@unh.edu | Web: <https://sites.google.com/view/weiw/>

EDUCATION

Ph.D. Operations Management	2018–2023
Isenberg School of Management, University of Massachusetts Amherst	Amherst, MA
<i>Thesis:</i> Resource Allocation in Subsidy Welfare Programs: Managerial Insights for Nonprofits, Governments, and Service Providers	
M.S. Applied Statistics and Decision Making	2016–2018
Gabelli School of Business, Fordham University	New York, NY
B.S. Mathematics and Applied Mathematics	2012–2016
Hefei University of Technology	Hefei, China

RESEARCH INTERESTS

Socially Responsible Operations, Nonprofit Operations, Sustainable Operations, Public Policy

RESEARCH WORKS

Publication

- Arora, P., Wei, W. and Solak, S. (2021). Improving Outcomes in Child Care Subsidy Voucher Programs under Regional Asymmetries, *Production and Operations Management*. **30**(12): 4435-4454.

Under Revision

- Wei, W., Arora, P. and Solak, S. (2021). Allocation of Funds in Bilevel Subsidy Welfare Programs. Available at [SSRN](#). Major revision at *Manufacturing & Service Operations Management*

Work In Process

- “Subsidizing Social Welfare Programs: Contracted Slots or Vouchers?”, with Priyank Arora and Senay Solak.

ACADEMIC PRESENTATIONS

Invited Presentations at Conferences

† Presented by a coauthor

- Allocation of Funds in Bilevel Subsidy Welfare Programs
 - POMS Annual Conference (Orlando) 2023
 - INFORMS Annual Meeting (Indianapolis), INFORMS Conference on Service Science (Virtual), CSAMSE Conference (Virtual) 2022
 - POMS Annual Conference (Virtual) 2022, 2021
 - MSOM Annual Conference (Virtual) 2021
 - INFORMS Annual Meeting (Virtual) 2021, 2020
- Subsidizing Social Welfare Programs: Contracted Slots or Vouchers?

- INFORMS Annual Conference (*scheduled*) (Phoenix) 2023
- POMS Annual Conference (Orlando) 2023
- Improving Outcomes in Child Care Subsidy Voucher Programs under Regional Asymmetries
 - Early-Career Sustainable Operations Workshop (Georgetown)† 2020
 - INFORMS Annual Meeting (Virtual)†, POMS Annual Conference (Virtual)† 2020
 - INFORMS Annual Meeting (Seattle)† 2019

Invited Seminars at Universities

- Peter T. Paul College of Business and Economics, University of New Hampshire 2022
- Ivey Business School, Western University 2022

TEACHING EXPERIENCE

University of New Hampshire

- Quantitative Decision Making (ADMN 580, Undergraduate Core) (*ongoing*) Fall 2023

University of Massachusetts Amherst (UMass Amherst)

- Business Data Analysis (OIM 240, Undergraduate Core)
 - Teaching evaluation = 4.8/5.0 Fall 2022
 - Teaching evaluation = 4.7/5.0 Spring 2022
 - Teaching evaluation = 4.6/5.0 Fall 2021

AWARDS AND GRANTS

- Finalist, INFORMS Service Science Section Best DEIJ Paper Award (*results awaited*) 2023
- Finalist, POMS College of Sustainable Operations Student Paper Award 2023
- Isenberg Doctoral Program Student Research Excellence Award (UMass Amherst) 2022
- Travel Grant for FutureBAProf Workshop (University of Iowa) 2022
- Public Service Endowment Grant (UMass Amherst) 2019
- Outstanding Service Award (INFORMS Student Chapter, UMass Amherst) 2019
- Outstanding Doctoral Applicant Award (UMass Amherst) 2018

PROFESSIONAL SERVICE

Session Chairs/Co-Chairs

- INFORMS (Phoenix) “Emerging Research within Social Sustainability” session (*scheduled*) 2023
- INFORMS (Indianapolis), “Socially Responsible and Sustainable Operations” session 2022
- POMS (Virtual), “Analytical Approaches to Sustainable Operations” session 2022
- CSAMSE Conference (Virtual), “Digital Economy I” session 2022
- POMS (Virtual), “Doing good with good OM” session 2021
- INFORMS (Virtual), “Public Sector and Social Impact: An OM Perspective” session 2021

Panel Moderator

- DSI (Houston), “Diversity, Equity and Inclusion: A Decision Sciences Perspective” panel 2022

INFORMS Student Chapter, UMass Amherst

- Vice President 2019-2022
- Event Page Manager 2018-2019

PROFESSIONAL ASSOCIATIONS

- Member, Institute of Operations Research and the Management Sciences (INFORMS)
- Member, Manufacturing and Service Operations Management (MSOM)
- Member, Production and Operations Management Society (POMS)
- Member, Decision Sciences Institute (DSI)

PROGRAMMINGS

Mathematica, Maple, GAMS, AMPL, R, \LaTeX