

Wei Wei

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ACADEMIC POSITION

Assistant Professor of Decision Sciences	2023 – Present
Peter T. Paul College of Business and Economics, University of New Hampshire	Durham, NH

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

Publications

- 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.
- Wei, W., Arora, P. and Solak, S. (2024). Allocation of Funds in Bilevel Subsidy Welfare Programs. Available at [SSRN](#). Accepted at *Manufacturing & Service Operations Management*

Selected Work-In-Process

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

ACADEMIC PRESENTATIONS

Invited Presentations at Conferences

† Presented by a coauthor

- Allocation of Funds in Bilevel Subsidy Welfare Programs
 - INFORMS Annual Conference (Phoenix), POMS Annual Conference (Orlando) 2023
 - INFORMS Annual Meeting (Indianapolis), CSAMSE Conference (Virtual), INFORMS Conference on Service Science (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 (Seattle) (*invited*) 2024
 - POMS Annual Conference (Minneapolis) 2024
 - INFORMS Annual Conference (Phoenix), POMS Annual Conference (Orlando) 2023
- Leveraging Innovative Online Platform to Combat Food Waste
 - INFORMS Annual Conference (Seattle) (*invited*) 2024
 - POMS Annual Conference (Minneapolis)† 2024
- 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 Talks 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, Undergrad Core) Spring 2024, Fall 2023

University of Massachusetts Amherst (UMass Amherst)

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

AWARDS AND GRANTS

- Finalist, INFORMS Service Science Section Best DEIJ Paper Award 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

Ad hoc Reviewer

- Decision Sciences, Health Care Management Science

University/College Service

- Decision Sciences Department P&T Standards Committee 2023 –

Session Chairs/Co-Chairs

- INFORMS (Seattle) “OM Research on Uplifting Low-income Communities” 2024
- POMS (Minneapolis) “DEI and Operations: Focusing on Childcare and Education” 2024
- The 5th Annual NEAIS Conference (Durham) 2023
- INFORMS (Phoenix) “Emerging Research within Social Sustainability” session 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” 2022

INFORMS Student Chapter, UMass Amherst

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

PROFESSIONAL ASSOCIATIONS

INFORMS, POMS

PROGRAMMINGS

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