

Gökçe Esenduran

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Education

Ph.D. Operations, Technology, and Innovation Management, University of North Carolina at Chapel Hill, Kenan-Flagler Business School, 2005-2010.

(Advisors: Jayashankar M. Swaminathan and Eda Kemahlioğlu-Ziya)

M.Sc. Industrial Engineering, Boğaziçi University, Istanbul, 2002-2004.

B.Sc. Industrial Engineering, Boğaziçi University, Istanbul, 1998-2002.

Academic Experience

Associate Professor of Management, Krannert School of Management, Purdue University, May 2022–present.

Assistant Professor of Management, Krannert School of Management, Purdue University, June 2017–May 2022.

Associate Professor of Operations Management (with tenure), Fisher College of Business, The Ohio State University, June 2017.

Assistant Professor of Operations Management, Fisher College of Business, The Ohio State University, July 2010–June 2017.

Research Interests

Sustainable Operations, Environmental Regulations, Circular Economy, Socially Responsible Operations, Operations Marketing Interface, Carbon Offsets

Publications

Published / Accepted Papers in Refereed Journals

Google Scholar: <https://scholar.google.com/citations?user=aK7zDkIAAAAJ&hl=en>

ORCID: <https://orcid.org/0000-0003-3326-8081>

1. Esenduran, G., Letizia, P., A. Ovchinnikov, 2022, "Customization and Returns," *Management Science*, Vol. 68(6), pp. 4517-4526.
2. Esenduran, G., J.V. Gray, B. Tan, 2022, "A Dynamic Analysis of Supply Chain Risk Management and Extended Payment Terms," *Production and Operations Management*, Vol. 31(3), pp. 1394-1417.
3. Esenduran, G., J.A. Hill, and I. Noh, 2020, "Understanding the Online Resale-Channel Choice for Used Electronics," *Production and Operations Management*, Vol. 29(5), pp. 1188-1211.

4. Esenduran*, G., Y. Lin*, W. Xiao*, and M. Jin, 2020, "Choice of E-Waste Recycling Standard under Recovery Channel Competition," *Manufacturing & Service Operations Management*, Vol. 22(3), pp. 429-643. (*Equal Contribution, Authors Ordered Alphabetically)
5. Esenduran, G., L.X. Lu, and J.M. Swaminathan, 2020, "Buyback Pricing of Durable Goods in Dual Distribution Channels," *Manufacturing & Service Operations Management*, Vol. 22(2), pp. 223-428.
6. Esenduran, G., A. Atasu, and L.N. Van Wassenhove, 2019, "Valuable E-Waste: Implications for Extended Producer Responsibility," *IIE Transactions (formerly IIE Transactions)*, Vol. 51(4), pp.382-396.
7. Esenduran, G., E. Kemahlioğlu-Ziya, and J.M. Swaminathan, 2017, "Impact of Take-Back Regulation on the Remanufacturing Industry," *Production and Operations Management*, Vol. 26(5), pp 924-944.
8. Gray, J.V., G. Esenduran, M.J. Rungtusanatham, and K. Skowronski, 2017, "Why in the World Did They Reshore? Examining Small-to-Medium Sized Manufacturer Decisions," *Journal of Operations Management*, Vol. 49, pp 37-51.
 - Winner of the 2018 Jack Meredith Best Paper Award, recognized as the best paper published in the *Journal of Operations Management* in 2017
9. Esenduran, G., E. Kemahlioğlu-Ziya, and J.M. Swaminathan, 2016, "Take-Back Legislation: Consequences for Remanufacturing and Environment," *Decision Sciences*, Vol. 47(2), pp 219-256.
10. Esenduran, G. and E. Kemahlioğlu-Ziya, 2015, "A Comparison of Product Take-Back Compliance Schemes," *Production and Operations Management*, Vol. 24(1), pp 71-88.
11. Esenduran, G., N.G. Hall, and Z. Liu, 2015, "Environmental Regulation in Project-Based Industries," *Naval Research Logistics*, Vol. 62(3), pp 228-247.
12. Buxel, H., G. Esenduran, and S. Griffin, 2015, "Strategic Sustainability: Creating Business Value with Life Cycle Analysis," *Business Horizons*, Vol. 58(1), pp 109-122.
13. Gray, J.V., K. Skowronski, G. Esenduran, and M.J. Rungtusanatham, 2013, "The Reshoring Phenomenon: What Supply Chain Academics Ought to Know and Should Do," *Journal of Supply Chain Management*, Vol. 49(2), pp 27-33.
 - Reprinted in Ettl, J.H. R. Hira. (eds.) 2018. *Engineering Globalization Reshoring and Nearshoring: Management and Policy Issues*, Book 2 of World Scientific Reference on Innovation (D. Siegel, Ed.), Chapter 6, pp 85-95.
14. Bilge, U., G. Esenduran, N. Varol, Z. Ozturk, B. Aydin, and A. Alp, 2006, "Multi-Attribute Responsive Dispatching Strategies for Automated Guided Vehicles," *International Journal of Production Economics*, Vol. 100, pp 65-75.

Current Research Projects

15. Esenduran, G., M. Jin., Y. Zhou, 2024, "Laissez-Faire versus Intervention: Implications of Regulation Preventing Unauthorized Remanufacturing," https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4369886
16. Chaturvedi, A., G. Esenduran, and Nanda, G., Tan, B., 2024, "Manufacturing as a Service: Bringing Opportunities to the Base of the Pyramid" Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4958998
17. Esenduran, G., H.S. Heese, and G. Souza, 2024, "Getting to the Green: Should a Profit-Maximizing Firm Buy Carbon Offsets or Invite Consumers to Buy Them?" Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4975444

18. Agrawal V., G. Esenduran, and S. Yucel, 2024, "Delivery Terms for Voluntary Carbon-Offsets." Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4161082
19. Esenduran, G., and J. Li, 2024, "Effect of Ride-Hailing Platforms on Dual Distribution Channels," Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4517564
20. Esenduran, G., J.A. Hill, and I. Noh, 2024, "Exploring Socially Responsible Consumer Behavior: Donation of Used Electronics."
21. Esenduran, G., Letizia, P., A. Ovchinnikov, 2024, "Optimal Product Return Insurance"
22. Blanco C., G. Dou and G. Esenduran, 2024, "Emission Reduction Targets: Pooled vs. Separated"

Book Chapters/Collections

20. Esenduran, G., R. Lobel, G. Souza, 2024, "Sustainable Operations," Vol. 21 in "INFORMS Analytics Collections", Ed. N.G. Hall. Available at <https://pubsonline.informs.org/informs-analytics-collections/sustainable-operations>
21. Esenduran, G., A. Atasu, 2016, "The Effect of EPR on the Markets for Waste," in "Environmentally Responsible Supply Chains," Ed. A. Atasu, Springer.
22. Esenduran, G., E. Kemahlioğlu-Ziya, and J.M. Swaminathan, 2012, "Product Take-Back Legislation and Its Impact on Recycling and Remanufacturing Industries," in "Sustainable Supply Chains: Models, Methods, and Public Policy Implications," Eds. T. Boone, V. Jayaraman, R. Ganeshan, Springer.

Other Publications

- Esenduran, G., Letizia, P., A. Ovchinnikov, 2022, "Why You Should Allow Returns on Customized Products," *Harvard Business Review*, Available at hbr.org/2022/03/why-you-should-allow-returns-on-customized-products.
- Griffin S., H. Buxel, and G. Esenduran, 2013, "Surprising Insights from Environmental Screenings," *MIT Sloan Management Review*, Big Idea: Sustainability, Opinion & Analysis, Available at: sloanreview.mit.edu/article/surprising-insights-from-environmental-screenings/

Refereed Conference Proceedings/Abstracts

- Esenduran, G., J.V. Gray, B. Tan, 2020, "A dynamic analysis of supply management and supply risk," Academy of Management.
- Esenduran, G., Letizia, P., A. Ovchinnikov, 2019b, "Customization and Returns," *M&SOM Conference*, Singapore (extended abstract).
- Lin, Y., W. Xiao, G. Esenduran, and M. Jin, 2017, "Choice of E-Waste Recycling Standard under Recovery Channel Competition," *M&SOM Conference*, Chapel Hill, NC (extended abstract).
- Esenduran, G., J.V. Gray, B. Tan, 2017, "Supply Management and Supply Risk," *M&SOM Conference*, Chapel Hill, NC (extended abstract).
- Esenduran, G., E. Kemahlioğlu-Ziya and J. Swaminathan, 2013, "The Impact of Take-back Legislation on Remanufacturing," *M&SOM Conference*, Fontainebleau, France (extended abstract).
- Esenduran, G. and Kemahlioğlu-Ziya, 2009, "Complying with Take-Back Legislation: A Cost Comparison and Benefit Analysis of Three Compliance Schemes," *M&SOM Conference*, Boston, MA, USA (extended abstract).

- Esenduran, G., E. Kemahlioğlu-Ziya and J. Swaminathan, 2008, "Remanufacturing Under Take-Back Legislation: Cost Benefits or Potential Competition?" *M&SOM SIG Conference on Supply Chain Management*, Adelphi, MD, USA (extended abstract).
- Esenduran, G., E. Kemahlioğlu-Ziya and J. Swaminathan, 2007, "Outsourcing Remanufacturing Operations: Cost Benefits or Potential Competition," *M&SOM Conference*, Beijing, China (extended abstract).
- Aras, N., G. Esenduran and İ.K. Altinel, 2004, "Product Line Selection and Pricing with Remanufacturing Under Availability Constraints," *Proceedings of SPIE: Environmentally Conscious Manufacturing IV*, Vol. 5583, pp. 244-256, ed. S. M. Gupta, Pennsylvania, USA.

Honors, Awards, Grants & Fellowships

- *M&SOM Meritorious Service Award*, 2021,2022,2023.
- *The Blake Family Fund for Ethics, Governance and Leadership*, Krannert School of Management, 2018-2019 (with Q. Feng, M. Lu, and G.J. Shanthikumar) and 2019-2021 (with Q. Feng and G.J. Shanthikumar).
- *Krannert Young Faculty Scholar Award*, Krannert School of Management, Purdue University, 2019.
- *Graduate Distinguished Teachers*, Krannert School of Management, Purdue University, Spring 2019, 2020.
- *Undergraduate Distinguished Teachers*, Krannert School of Management, Purdue University, Spring 2018, 2019.
- *Best Reviewer Award*, *Decision Sciences Journal*, 2017.
- *POM Reviewer Recognition*, 2017.
- *National Center for the Middle Market Grant/Fellowship*, 2017 (with J.V. Gray).
- *Small Research Grant*, The Ohio State University, 2013, 2016.
- *Outstanding Reviewer*, *Decision Sciences Journal*, 2014.
- *Co-winner*, *Decision Sciences Institute Elwood S. Buffa Doctoral Dissertation Award*, 2011.
- *Outstanding Graduating Student Award*, Kenan-Flagler Business School, 2010.
- *Dissertation Completion Fellowship*, UNC Graduate School, 2009-2010.
- *INFORMS Future Academician Colloquium*, 2009.
- *IBM Travel Grant for the MSOM Conference*, 2009.
- *Future Faculty Fellowship*, UNC Center for Faculty Excellence, 2008.
- *M. Wayne DeLozier Fellowship*, Kenan-Flagler Business School, 2008.
- *Research Assistantship*, Kenan-Flagler Business School, 2005-2009.
- *Ranked 81st in the University Entrance Exams (among 1.3 million applicants)*, 1998.

Presentations

Invited Seminar Presentations

Purdue University, Environmental and Ecological Engineering, Nov 2023
Ivey Business School, University of Western Ontario, Oct 2023
North Carolina State University, Poole College of Management, Sep 2023
Koc University, Operations Management and Information Systems, Nov 2021.
Middle East Technical University, Industrial Engineering, May 2021.
INFORMS SE Michigan Chapter, Distinguished Business Analytics Speaker Series, April 2021.
University of New Mexico, Anderson School of Management, March 2021.
Bogazici University, Department of Industrial Engineering, Dec 2020.
Bilkent University, Faculty of Business Administration, May 2020.
University of San Diego, School of Business, Oct 2018.
HEC Paris, Operations Management and Information Technology Dept., Mar 2018.
The University of Tennessee, Haslam College of Business, Sept 2017.
Purdue University, Krannert School of Management, Jan 2017.
Tulane University, Freeman School of Business, Dec 2016.
Michigan State University, Eli Broad College of Business, Nov 2016.
The Ohio State University, John Glenn School of Public Affairs, Feb 2014.
The Ohio State University, Integrated Systems Engineering, Oct 2010.
Vanderbilt University, Owen Graduate School of Management, Apr 2010.
Universidade Nova de Lisboa, Faculdade de Economia, Lisbon, Portugal, Feb 2010.
HEC Paris, Operations Management and Information Technology Dept., Paris, France, Feb 2010.
Bentley University, Management Department, Feb 2010.
Tulane University, Tulane Energy Institute, Jan 2010.
State University of New York, School of Management, Jan 2010.
Sabanci University, Faculty of Management, Jan 2010.
Erasmus University, Rotterdam School of Management, Jan 2010.
The Ohio State University, Fisher College of Business, Dec 2009.
George Washington University, School of Business, Dec 2009.

Workshop Presentations

Bilkent University, Supply Chain and Logistics Workshop, June 2022.

University of Florida, Warrington College of Business Administration, ISOM Annual Research Workshop, Feb 2016

NC State Poole College Business, Environmentally Sustainable Supply Chain Management Workshop for Early-Career Faculty, Feb 2016.

University of North Carolina, Kenan-Flagler Business School, Junior Faculty Symposium, Mar 2012.

INSEAD Europe Campus, Closed-Loop Supply Chains Workshop: "Hot Problems in CLSC: Seeking Relevance," Fontainebleau, France, Oct 2014

The Ohio State University, Fisher College of Business, Junior Faculty Colloquium, May 2012.

Indiana University, Kelley School of Business, Workshop in New Product Development, Innovation, and Sustainability, Oct 2010.

Conference Presentations

(Presentations by co-authors are not listed.)

- "Optimal Product Return Insurance" (coauthors: P. Letizia and A. Ovchinnikov)
 - EURO 2024, Copenhagen, July 2024
 - POMS International Conference, Istanbul, June 2024
 - POMS Conference, Minnesota, May 2024
- "Effect of Ride-Hailing Platforms on Dual Distribution Channels" (coauthor: J. Li)
 - INFORMS Annual Meeting, Phoenix, Oct 2023
- "Delivery Terms for Voluntary Carbon Offsets" (coauthors: V. Agrawal and S. Yücel)
 - POMS Conference, Minnesota, May 2024
 - INFORMS Annual Meeting, Phoenix, Oct 2023
 - POMS Conference, Orlando, May 2023
- "Manufacturing as a Service: Bringing Job Opportunities to the Bottom of the Pyramid" (coauthors: B. Tan Erciyes, A. Chaturvedi, G. Nanda)
 - Supply Chain Management Conference, Gies College of Business, UIUC, Feb 2024 (invited)
 - INFORMS Annual Meeting, Indianapolis, Oct 2022.
 - INFORMS Annual Meeting, Seattle, Nov 2019.
- "Laissez-Faire versus Intervention: Implications of Regulation Preventing Unauthorized Remanufacturing" (coauthors: M. Jin. and Y. Zhou)
 - INFORMS Annual Meeting, Oct 2021.
- "Customization and Returns" [Former titles "On Product Customization and Returns", "Optimal Returns Policies for Customized Products"] (coauthors: P. Letizia and A. Ovchinnikov)
 - MSOM Annual Meeting, Online, 2021 (refereed).

- MSOM Annual Meeting, Singapore, 2019 (refereed).
POMS Annual Meeting, Washington D.C., May 2019.
- “Understanding the Online Resale-Channel Choice for Used Electronics” (coauthors: J.A. Hill and I. Noh)
 - POMS Annual Meeting, Washington D.C., May 2019.
 - DSI Annual Meeting, Chicago, Nov 2018.
 - “Can On-Shoring Really Happen for SMEs?”
 - Global Trade, Global Trade-offs: Emerging Challenges in International Commerce, UNC Kenan-Flagler Business School, April 2018.
 - “Choosing the Contract Terms in Carbon Offset Markets” [Former title “Competition in Carbon-Offset Markets”]
 - INFORMS Annual Meeting, Phoenix, Nov 2018.
 - EURO 2018, 29th European Conference on Operational Research, Valencia, July 2018.
 - POMS Annual Meeting, Houston, May 2018.
 - POMS Annual Meeting, Seattle, May 2017.
 - EURO 2016, 28th European Conference on Operational Research, Poznan, July 2016
 - “Supply Management and Supply Risk” (coauthors: J.V. Gray and B. Tan),
 - MSOM Annual Meeting, Chapel Hill, June 2017 (refereed).
 - POMS Annual Meeting, Orlando, May 2016.
 - “Impact of Recycling Standards on E-waste Recovery in the Presence of Secondary Market” [Former title “Impact of Certification Programs on Waste Recovery”] (coauthors: Y. Lin, W. Xiao, and M. Jin)
 - INFORMS Annual Meeting, Houston, Nov 2017
 - POMS Annual Meeting, Seattle, May 2017.
 - INFORMS Annual Meeting, Nashville, Nov 2016
 - INFORMS Annual Meeting, Philadelphia, Nov 2015
 - “Buyback Pricing of Durable Goods in Dual Distribution Channels” [Former title “Managing Dual Distribution Channels under Uncertainty”] (coauthors: L.X. Lu and J.M. Swaminathan)
 - INFORMS Annual Meeting, Houston, Nov 2017
 - POMS Annual Meeting, Atlanta, May 2014
 - POMS Annual Meeting, Chicago, May 2012
 - POMS Annual Meeting, Reno, May 2011
 - INFORMS Annual Meeting, Charlotte, Nov 2011
 - “Valuable E-Waste: Implications for Extended Producer Responsibility” [Former titles “How does Extended Producer Responsibility Fare when Waste has Value?,” “Regulating Markets for Valuable Waste”] (coauthors: A. Atasu and Luk N. Van Wassenhove)
 - INFORMS Annual Meeting, Nashville, Nov 2016
 - INFORMS Annual Meeting, San Francisco, Nov 2014

- Alliance for Research on Corporate Sustainability (ARCS) Conference, Ithaca, May 2014 (refereed)
- POMS Annual Meeting, Atlanta, May 2014
- INFORMS Annual Meeting, Phoenix, Oct 2012
- POMS Annual Meeting, Chicago, May 2012
- POMS Annual Meeting, Reno, May 2011
- INFORMS Annual Meeting, Charlotte, Nov 2011
- "Impact of Take-Back Regulation on the Remanufacturing Industry" [Former title "Increased Remanufacturing through Take-Back Legislation and Competition" and "Remanufacturing under Take-Back Legislation: Cost Benefits or Potential Competition?"] (coauthors: E. Kemahlioğlu-Ziya and J.M. Swaminathan)
 - POMS Annual Meeting, Washington DC, May 2015
 - INFORMS Annual Meeting, Minneapolis, Oct 2013
 - EURO/INFORMS Joint International Meeting, Rome, Jul 2013
 - INFORMS Annual Meeting, San Diego, Oct 2009
 - INFORMS Annual Meeting, Seattle, Nov 2007
- "Take-Back Legislation: Consequences for Remanufacturing and Environment" [Former title "Are Reuse Targets Good for the Environment?"] (coauthors: E. Kemahlioğlu-Ziya and J.M. Swaminathan)
 - POMS Annual Meeting, Atlanta, May 2014
 - POMS Annual Meeting, Denver, May 2013
- "Compliance with Environmental Regulation in Project-Based Industries" (coauthors: N.G. Hall and Z. Liu)
 - INFORMS Annual Meeting, Minneapolis, Oct 2013
 - POMS Annual Meeting, Denver, May 2013
 - INFORMS Annual Meeting, Phoenix, Oct 2012
- "Complying with Take-Back Legislation" [Former title "Complying with Take-Back Legislation : A Cost Comparison and Benefit Analysis of Three Compliance Schemes"] (coauthor: E. Kemahlioğlu-Ziya)
 - INFORMS Annual Meeting, Austin, Nov 2010
 - MSOM Annual Meeting, Boston, Jun 2009 (refereed)
 - POMS Annual Meeting, Orlando, May 2009

Media Mentions

- "Helping companies adapt on climate change," Cincinnati Enquirer, <http://www.cincinnati.com/story/money/2016/05/06/helping-companies-adapt-climate-change/84020972/>

Executive Presentations

- "Creating Business Value with Life Cycle Analysis," Center for Operational Excellence, Leading Through Excellence Summit, April 2014.
- "Sustainable Value Stream: A Life Cycle Analysis," Center for Operational Excellence, September 2013.

Teaching Experience

Teaching Interests

Sustainable Supply Chain Management, Supply Chain Management, Operations Management, Data Analysis for Managers, Game Theory

Undergraduate Teaching

- Core: Operations Management (MGMT 361)
Spring 2018-2021, 2023 Krannert School of Management, Purdue University
- Core: Introduction to Operations Management (BUSMGT 3230, former BUSMGT 630)
Spring 2011-2017, Fisher College of Business, The Ohio State University
- Core: Operations Management
Summer 2009, Kenan-Flagler Business School, UNC-Chapel Hill

MBA/MSc. Level Teaching

- Required: Supply Chain Management (MGMT 664)
Spring 2024-present, Daniels School of Business, Purdue University
- *Online* Required: Ethical and Sustainable Supply Chain Management (MGMT 569)
Summer 2021-present, Daniels School of Business, Purdue University
- Elective: Ethical and Sustainable Supply Chain Management (MGMT 569)
Spring 2020-present, Daniels School of Business, Purdue University
- Elective: Sustainable Operations Management (MGMT 690)
Spring 2019, Krannert School of Management, Purdue University
- Elective: Sustainable Operations Management (BUSMGT 7253)
Spring 2013-Fall 2016, Fisher College of Business, The Ohio State University
- Core: Data Analysis for Managers (MBA 870)
Winter 2011-2012, Fisher College of Business, The Ohio State University
- Independent Study: Game Theory
Fall 2014, Fisher College of Business, The Ohio State University

PhD Teaching

- Doctoral Topics - PhD Brownbag (co-taught)
Spring 2019, 2022, 2023 Krannert School of Management, Purdue University
- Doctoral Seminar: Game Theory in Operations Management
Fall 2015, Fisher College of Business, The Ohio State University
- Doctoral Seminar: Sustainable Operations Management
Fall 2013, Fisher College of Business, The Ohio State University

Other Teaching Experience

- Teaching Assistant, Kenan-Flagler Business School, UNC-Chapel Hill, 2007-2008
 - Operations Management, Global Operations Management, Global Supply Chain Management
- Teaching Assistant, Boğaziçi University, Dept. of Industrial Engineering, 2002-2005
 - Stochastic Models, Optimization, Quality Engineering, Production Planning, Applied Statistics and Design of Experiments

Professional Service

Journal Service

- Associate Editor for *Manufacturing & Service Operations Management*, 2024-present.
- Senior Editor for *Production and Operations Management*, Operations and Society Department, 2023-present.
- Senior Editor for *Production and Operations Management*, Sustainable Operations Department, 2022-present.
- Senior Editor for *Production and Operations Management*, Supply Chain Management Department, 2020-present.
- Associate Editor for *Decision Sciences Journal*, 2017-present.
- Reviewer for *Production and Operations Management*.
- Ad-hoc Reviewer for *Management Science*, *Manufacturing & Service Operations Management*, *Operations Research*, *Journal of Operations Management*, *Decision Sciences*, *Journal of Industrial Ecology*, *European Journal of Operational Research*, *International Transactions in Operational Research*, *Business Horizons*, *Transactions on Engineering Management*, *Omega*, *Service Science*.

Society Service

- Secretary/Treasurer, MSOM Society Board, 2024-2025.
- Member, National Science Foundation Peer Review Panel, 2023.
- INFORMS, Magazine Editorial Advisory Board (MEAB) member, 2022-present.
- MSOM, Chair of Sustainable Operations SIG, 2020-2022.
- Co-chair, Elwood S. Buffa Doctoral Dissertation Award, 2021, 2014.
- Judge, Paul Kleindorfer Award in Sustainability, 2020.
- Selection Committee Member, POMS College of Sustainable Operations Early-Stage Doctoral Student Award, 2020.
- Past President, POMS College of Sustainable Operations, 2019-2020.
- President, POMS College of Sustainable Operations, 2018-2019.
- Secretary, POMS College of Sustainable Operations, 2016-2018.
- Judge, Elwood S. Buffa Doctoral Dissertation Award, DSI, 2018.
- Judge, POMS Emerging Economies Doctoral Students Award, 2018.
- Judge, POMS College of Sustainable Operations Student Paper Competition, 2015, 2017.
- Senior Treasurer, WORMS (Women in OR and MS), Jan 2015-Jan 2016.
- Junior Treasurer, WORMS, Jan 2014-Jan 2015.

Conference Service

Track co-chair of Sustainable Operations, POMS Annual Meeting, Online, April 2022.

Sustainable Operations SIG co-chair, MSOM Conference, Singapore, June 2019.

Track co-chair of Economics Models in Operations Management, POMS Annual Meeting, Washington D.C., May 2019.

Track co-chair of Closed Loop Supply Chains, POMS Annual Meeting, Houston, May 2018.

Track co-chair of Environmental Operations Management, POMS Annual Meeting, Florida, May 2016.

Track chair of Marketing and OM Interface, POMS Annual Meeting, Atlanta, May 2014.

Co-organizer of workshop on "Teaching an Entire Course on Sustainability," DSI Annual Meeting, Tampa, Nov 2014.

Cluster co-chair of Sustainable Operations, INFORMS Midwestern, Columbus, Aug 2011.

Session Organizer and Chair

- Socially Responsible Operations, POMS Annual Meeting, Orlando, May 2023.
- Environmentally and Socially Responsible Manufacturing, POMS Annual Meeting, Orlando, May 2023.
- Ensuring environmental and social sustainability, INFORMS Annual Meeting, Indianapolis, Oct 2022.
- Topics in sharing economy and green technology, INFORMS Annual Meeting, Oct 2021.
- Emerging Topics in Sharing Economy, INFORMS Annual Meeting, Nov 2020.
- Sustainability Practices in Supply Chains, INFORMS Annual Meeting, Seattle, Nov 2019.
- Empirical Studies in Sustainable Operations, POMS Annual Meeting, Washington D.C., May 2019.
- Product Returns and Blockchains, POMS Annual Meeting, Washington D.C., May 2019.
- Game Theory Applications in Operations and Sustainability, EURO 2018, Valencia, July 2018.
- Competition and Environmental Sustainability, POMS Annual Meeting, Houston, May 2018.
- Operational issues in closed-loop supply chains, POMS Annual Meeting, Houston, May 2018 (co-chaired with E. Kemahlioğlu-Ziya).
- Social and Environmental Responsibility in Supply Chains, POMS Annual Meeting, Houston, May 2018 (co-chaired with E. Kemahlioğlu-Ziya).
- Environmental Issues in Operations, POMS Annual Meeting, Seattle, May 2017.
- Environmental Issues in Operations, INFORMS Annual Meeting, Nashville, Nov 2016.
- Applications of Game Theory in OM, EURO Annual Meeting, Poznan, July 2016.
- Game Theoretical Models in Environmental Issues, EURO Annual Meeting, Rome, July 2013.
- Integrating Sustainability into Oper. Decisions, POMS Annual Meeting, Denver, May 2013.
- Green Supply Chain Management, INFORMS Annual Meeting, Phoenix, Oct 2012.
- Contracts and Conflicts, POMS Annual Meeting, Chicago, May 2012.
- Sustainable Operations, POMS Annual Meeting, Chicago, May 2012.
- Environmental Issues in SCM, INFORMS Annual Meeting, Charlotte, Nov 2011.

- Product Take-Back and Competition, POMS Annual Meeting, Reno, May 2011.
- Distribution Channels and Pricing, POMS Annual Meeting, Reno, May 2011 (co-chaired).
- Mathematical Modeling for Integrated Demand and Supply Chain Management, DSI Annual Meeting, New Orleans, Nov 2009.
- Legislative Issues, POMS Annual Meeting, Orlando, May 2008.

Panelist

- Julian Allwood Lecture on "What's the role of engineers in delivering decarbonisation at speed and scale?", Nov 2023 (scheduled)
- "Early Career Panel Discussion on Research, Teaching, and Service," POMS College of Supply Chain Management Mini-Conference, May 2023.
- "Social and Environmental Sustainability," DSI Annual Meeting, Nov 2021.
- "INFORMS Doctoral Student Colloquium: Finding an Academic Job," INFORMS Annual Meeting, Nov 2020, Oct 2021.
- "WORMS: Managing the Work/Life Balance," INFORMS Annual Meeting, Houston, Oct 2017.
- "Circular Economy and Closed Loop Supply Chains: Does Industry Matter?" POMS Annual Meeting, Florida, May 2016.
- "How to Identify and Interview for a Job," DSI Doctoral Consortium, Boston, Nov 2011.

Discussant, DSI Doctoral Showcase, 2020.

Mentor, Publishing in DSJ Workshop, Chicago, 2018.

Organization committee member for EURO/INFORMS Meeting, Istanbul, 2003.

Student Mentoring

o Doctoral Dissertations:

- Committee co-chair:
Jianing Li, Purdue University (Expected Graduation: 2024)
- Committee member:
Venkat Roy, Purdue University, Environmental and Ecological Engineering (Expected Graduation: 2025)
Yuanchen Li, Purdue University (Graduation: 2020),
Chengzhang Li, Purdue University (Graduation: 2019),
E. Andic-Mortan, The Ohio State University (Graduation: 2016),
J. de Jong, The Ohio State University (Graduation: 2013).

o MS Thesis:

- Committee member:
Miriam Stevens, Environmental and Ecological Engineering, Purdue University (Graduation: 2021)

Internal Service

At Purdue University:

- SC&OM Area Faculty Search Committee chair, 2022-2023, 2023-2024
- SC&OM Area PhD Admission Committee member, 2019-2020, 2022-2023, 2023-2024
- Course Coordinator for Undergraduate Core Operations Management (MGMT 361), Spring 2019, 2020, 2021
- Advisor for Net Impact Student Club (2020-2022)
- Co-advisor for Energy Club (2020)
- SC&OM Area Faculty Search Committee member, 2018-2019
- Innovation and Technology Management Committee member, 2020-2021
- Ethics Research/Teaching Committee member, 2019-2020
- Sustainability Research/Teaching Committee member, 2018-2019
- Undergraduate Clubs Faculty Oversight Committee member, 2017-2018

At The Ohio State University:

- Course Coordinator for Undergraduate Core Operations Management (BUSMGT 3230), Spring 2017
- Co-Advisor for OSU Net Impact (2012 – 2017)
- Advisor/Co-Advisor for Science and Engineering Business Club (2013 – 2017)
- Speaker at Leadership Summit, COE (2014)
- Facilitator at OLMA Link Symposium, COE (2012,2013)
- Speaker at Green Supply Chain Symposium, Net Impact (2012)
- Graduate Faculty Rep for Dissertations (ARTEDU 2013, INDENG 2012, COMPSTD 2011)
- Visiting Speaker Committee Chair (2010 – 2011)

Professional Affiliations

The Institute for Operations Research and the Management Sciences (INFORMS/MSOM), Production and Operations Management Society (POMS), Women in OR and MS (WORMS), Decision Science Institute (DSI).

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