

CURRICULUM VITAE

KAREN L. DONOHUE

Supply Chain & Operations Department
Carlson School of Management, University of Minnesota
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RESEARCH and TEACHING INTERESTS

Supply Chain Coordination

Examining the impact of supply contracts, information sharing mechanisms, competition structures, and customer differentiation schemes on the ability of supply chains to operate efficiently.

Behavioral Operations

Uncovering human regularities that are unique to operations settings and developing more robust analytical models to capture and study the effects of this behavior.

Supply Chain Sustainability

Investigating ways to increase the adoption of eco-friendly business practices and nudge consumers toward more sustainable product fulfillment and packaging choices.

EDUCATION

McCormick School of Engineering, Northwestern University, Evanston, IL

Ph.D. in Industrial Engineering and Management Science, June 1993.

Thesis: *Allocating Capital Improvements in Stochastic Manufacturing Systems*.

Committee: Mark Spearman (advisor), Mark Daskin, Wallace Hopp, and Michael Zazanis.

MS in Industrial Engineering and Management Science, December 1989.

St. Olaf College, Northfield, MN

BA in Mathematics and Economics, *magna cum laude*, May 1986.

ACADEMIC POSITIONS

Carlson School of Management, University of Minnesota, Minneapolis, MN

Supply Chain and Operations Department

- *Curtis L. Carlson Endowed Chair in Supply Chain Operations* (2020-present)
- *Institute on the Environment (IonE) Fellow* (2023-present)
- *Board of Overseers Professor* (2017-2020)
- *Professor* (2016-present), faculty since 2000
- *Academic Director, Masters of Science in Supply Chain Management* (2016-present)
- *Secondary Appointment in Industrial & Systems Engineering* (2010-present)
- *Secondary Appointment in Mechanical Engineering* (2001-2009)
- *Faculty Research Scholar* for the Center for Transportation Studies (2005-present)
- *Visiting Associate Professor, London Business School* (2009)

The Wharton School, University of Pennsylvania, Philadelphia, PA

Operations and Information Management Department

- *Assistant Professor* (1993-1999)
 - *Secondary Appointment in Systems Engineering* (1997-1999)
 - *Donald T. Stott Term Chair* (1995-1999), *Arthur Andersen Term Chair* (1993-1995)
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GRANTS and INDUSTRY SUPPORT

External

- USDA NIFA Research Grant (2021-2025), “Building a Bidirectional Supply Chain for Farm to Rural Grocery to Wholesale (F2G2W)”, co-PI with Kathryn Draeger (primary) and Hye-Young Kim, (2021-68006-33837) amount: \$500,000.
- NSF Research Grant (2005-2008), “Promoting Service Quality via Supplier Competition and Incentive Contracts”, co-PI with Saif Benjaafar, (DMI 0500381) amount: \$250,000
- NSF Career Award (1996-2002), “Contracts and Incentive Schemes for Coordinating Production and Sales”, (SBR 96-02072) amount: \$200,000.
- NSF Research Grant (1998-1999), “An Engineering Design Framework Integrating Robust Optimization and Structured Simulation Experiments”, co-PI with Chun-Hung Chen and S. David Wu, (SF 97-120) amount: \$50,000.
- Sandia National Laboratory (1998-1999), “An Engineering Design Framework Integrating Robust Optimization and Structured Simulation Experiments”, co-PI with Chun-Hung Chen and S. David Wu, amount: \$25,000 (matching funds for NSF Research Grant SF 97-120).
- The US Navy (1995-1998), “Multi-Level Supply Chain Coordination: DLA and Navy ICP”, co-PI with Morris Cohen, amount: \$70,000.
- NSF Research Grant (1994-1997), “Queueing Network Models for Planning and Design of Semiconductor Fabrication Facilities”, co-PI with Wallace Hopp and Mark Spearman, (DMI 93-22830) amount: \$300,000.
- Motorola Corporation (1994-1997), “Queueing Network Models for Planning and Design of Semiconductor Fabrication Facilities”, co-PI with Wallace Hopp and Mark Spearman, amount: \$25,000 (matching funds for NSF Research Grant DMI 93-22830).

Internal

- Faculty Scholar, Center for Transportation Studies (2006—present).
- Institute on the Environment (IonE), Mini-Grant Award (2023-2024), “Nudging Green but Slow Shipping in Online Retail”, amount: \$3,000.
- Environment (IonE) has approved your Mini Grant Dean’s Small Research Grant Award (2012-2013), “Information Reliability in Supply Chains: the Case of Multiple Retailers”, amount: \$3,800.
- Dean’s Small Research Grant Award (2009-2010), “An Experimental Study of the Effects of Diversity on Team Performance”, (co-PI with Avner Ben-Ner and Amit Kramer), amount: \$8,000.
- Medical Industry Leadership Institute Research Grant (2007-2008) “Deploying RFID in the Healthcare Industry”, (co-PI with Saif Benjaafar and Kevin Linderman), amount \$30,000.
- McKnight – Business and Economics Research Grant Award (2005) “Implications of Item-Age Dependent Financing on Inventory Management”, amount: \$21,355.
- McKnight – Business and Economics Research Grant Award (2004) “Managing Outsourcing Decisions Among Competing Suppliers”, amount: \$19,390.
- The Institute for Economic Research (1995) “Managing the Marketing/Manufacturing Interface: Insight from Simple Models”, amount: \$10,000.
- University of Pennsylvania Research Foundation (1994), “Managing Supply Chain Performance”, amount: one month summer support.
- University of Pennsylvania Research Foundation (1993), “Designing Capable Manufacturing Systems”, amount: one month summer support.

PROFESSIONAL LEADERSHIP

Editorial Positions

- Senior Editor, *Manufacturing & Service Operations Management*, 2016-present.
- Associate Editor, *Operations Research* special issue on Behavioral Queueing Science, 2020-2022.
- Associate Editor, *Management Science*, 2004-2016.
- Department Editor, *Production and Operations Management*, 2007-2012.
- Senior Editor, *Flexible Manufacturing and Services Journal*, 2007-2010.
- Guest Senior Editor, *Manufacturing & Service Operations Management*, Special Issue on Behavioral Issues in Operations Management, 2006-2007, Special Issue on The Environment, 2011-2012.
- Senior Editor, *Production and Operations Management*, 2003-2006.
- Editorial Review Board, *Manufacturing & Service Operations Management*, 1997-2002.

Other Leadership Positions

- Co-Chair, Doctoral Consortium, POMS Annual Meeting, April 2024.
- Organizing Committee Member, M&SOM Conference, Minneapolis, June 2024.
- Member, Academic Committee for the Behavioral Operations Management and Research Society, Operations Research Society of China, 2023.
- Co-Chair, Doctoral Consortium, POMS Annual Meeting, April, 2021 (online).
- Board Member, Production and Operations Management Society (POMS), 2008-2010.
- President, POMS Supply Chain College, 2008-2009.
- VP of Special Events, POMS Supply Chain College, 2006-2007.
- Planning Committee Member, POMS Supply Chain College Conference, 2005, 2007, 2009, 2011.
- Conference Chair, Annual Conference on Behavioral Operations, 2007.
- Program Committee Member, Annual Conference on Research in Behavioral Operations, 2006, 2008-2014, 2020.
- INFORMS Publication Committee Member, 1998-2003.
- Cluster Chair of MSOM Sponsored Sessions, INFORMS Conference, Philadelphia, 1999.
- Secretary/Treasurer of MSOM Society of INFORMS, 1995-1997.

Participation on Prize, Grant, and Search Committees

- Member, POMS Skinner Early Career Research Award Committee, 2017-2018.
- Member, INFORMS Behavioral Operations Management Section Best Working Paper Award Committee, 2017.
- Member, POMS Supply Chain College Best Student Paper Award Committee, 2017.
- Member, Skinner Annual Best Paper Award Selection Committee for best paper published in POMS journal, 2014.
- Chair, POMS Skinner Early Career Research Award Committee, 2012-2013.
- Panel Member, National Science Foundation's Decision, Risk and Management Science (DRMS) program, 2010-2012.
- Judge, INFORMS MSOM Student Paper Competition, 2002, 2010, 2011, 2012, 2013.
- Judge, INFORMS BOM Working Paper Competition, 2021, 2022.
- Judge, POMS College of SCM Student Paper Competition, 2012, 2021.
- Judge for INFORMS Junior Faculty Paper Competition, 2006, 2009, 2013.
- Panel Member, NSF Career Award, 2009.
- Member, POMS Nominating Committee for new Officers and Board Members, 2003, 2010.
- Member, Editor Search Committee for *Management Science*, 2002.
- Member, Editor Search Committee for *Information Systems Research*, 2001.
- Member, Editor Search Committee for *Journal of Computing*, 1999.

- Panelist, National Science Foundation: Design, Manufacture and Industrial Innovation, 1998.
- Judge, INFORMS George E. Nicholson Student Paper Competition, 1997 and 1998.

Ad Hoc Referee

Management Science, Manufacturing & Service Operations Management, Operations Research, Production and Operations Management, IIE Transactions, Journal of Operations Management, Naval Research Logistics, European Journal of Operational Research, National Science Foundation.

Honors and Awards

- Fellow, Big Ten Academic Alliance – Academic Leadership Program, 2017-2018.
- Wickham Skinner Award for Best Paper Published in *Production and Operations Management* during 2016, received May 2017.
- Carlson School Annual Faculty Research Award, 2012, 2016.
- Carlson School Annual Faculty Service Award, 2006, 2012, 2019.
- Nomination Finalist, Undergraduate Faculty of the Year Award, 2010.
- INFORMS Behavioral Process Management 2008 Service Award.
- INFORMS Behavioral Process Management Section’s Most Influential Paper Award, 2007.
- Participant, Supply Chain Thought Leaders Roundtable, 2004-present.
- Participant, National Academy of Engineering’s Frontiers Symposia, 2001, 2005.
- Recipient, *Operations Research* Meritorious Referee Service Award, 1998, 1999, 2004.
- Honorary Faculty Initiate of Delta Sigma Pi (a professional business fraternity), selected by the Wharton Undergraduate Chapter, 1994-1998.
- Finalist (2nd place) in the POMS Best Dissertation Award Competition, 1993.
- Finalist (2nd place) in the Sigma Xi Student Research Competition, 1992.
- Phi Beta Kappa (1986).

PUBLICATIONS

Papers Published in Refereed Journals

1. “Strategic Visual Merchandising of New and Open-box Products: Evidence from Experiment and Retail Data”, N. Ertekin, Y. Ding, and K. Donohue, (2023), to appear in *Management Science*.
2. “Ordering Behavior and the Impact of Allocation Mechanisms in an Integrated Distribution System”, E. Spiliotopoulou, K. Donohue, and Mustafa Çağrı Gürbüz, (2022), *Production and Operations Management*, 31 (2), 422–441.
3. “Online Business-to-Business Markets for Industrial Product Reuse: Evidence from an Operational Policy Change”, S. Dhanorkar, K. Donohue, and K. Linderman, (2021), *Manufacturing & Service Operations Management*, 23 (6), 1373-1397.
4. “Behavioral Operations: Past, Present, and Future”, K. Donohue, O. Ozer, and Y. Zhang, (2020), *Manufacturing & Service Operations Management*, 22 (1) 191-202.
5. “Closing a Supplier’s Energy Efficiency Gap through Assessment Assistance and Procurement Commitment”, J. Nguyen, K. Donohue, M. Mehrotra, (2019), *Management Science*, 65 (1), 122-138.
6. “The Decision to Recall: a Behavioral Investigation in the Medical Device Industry”, G. Ball, R. Shah, and K. Donohue, (2018), *Journal of Operations Management*, 62 (9), 1-15.
7. “Initiating and Sustaining Supplier Involvement in Development Projects: a Behavioral Investigation”, D. Wuttke, K. Donohue, and E. Siemsen, (2018), *Production and Operations Management*, 27 (1), 80-99.

8. “Managing and Reallocating Inventory across two Markets with Local Information”, E. Spiliotopoulou, K. Donohue, and MÇ Gürbüz, (2018), *European Journal of Operational Research*, 266, 531-542.
9. “Contract Preferences and Performance for the Loss Averse Supplier: Buyback versus Revenue Sharing”, Y. Zhang, K. Donohue, and T. Cui, (2016), *Management Science*, 62 (6), 1734-1754.
10. “Information Reliability in Supply Chains: the Case of Multiple Retailers”, E. Spiliotopoulou, K. Donohue, and MÇ Gürbüz, (2016), *Production and Operations Management special issue on Multi-Methodological Research in Production and Operations Management*, 25 (3), 548-567.
 - Winner of the POMS Wickham Skinner Best Paper Award 2016.
11. “Repurposing Materials and Waste through Online Exchanges: Overcoming the Last Hurdle”, S. Dhanorkar, K. Donohue, and K. Linderman, (2015), *Production and Operations Management special issue on Socially Responsible Operations*, 24 (9), 1473-1493.
12. “Order Stability in Supply Chains: Coordination Risk and the Role of Coordination Stock”, R. Croson, K. Donohue, E. Katok and J. Sterman, (2014), *Production and Operations Management*, (23) 2, 176-196.
13. “The Relative Impact of Attribute, Severity, and Timing of Psychological Contract Breach on Behavioral and Attitudinal Outcomes”, S. Eckert, J. Hill, K. Boyer, K. Donohue, and P. Ward, (2013), *Journal of Operations Management*, 31 (7-8), 567-578.
14. “Individual Differences in the Newsvendor Problem: Behavior and Cognitive Reflection”, B. Moritz, A. Hill, and K. Donohue, (2013), *Journal of Operations Management*, 31 (1), 72-85.
15. “Outsourcing via Service Quality Competition”, S. Benjaafar, E. Elahi, and K. Donohue, (2007), *Management Science*, 53 (2), 241-259.
16. “Behavioral Causes of the Bullwhip Effect and the Observed Value of Inventory Information”, R. Croson and K. Donohue, (2006), *Management Science*, 52 (3), 323-336.
 - Winner of the INFORMS Behavioral Process Management Section’s Most Influential Paper Award, 2007.
17. “Behavioral Operations Management: Assessing Recent Findings and Revisiting Old Assumptions”, E. Bendoly, K. Donohue, and K. Schultz, (2006), *Journal of Operations Management* (special issue on incorporating behavioral theory in OM empirical models), 24 (6), 737-752.
18. “Upstream versus Downstream Information and its Impact on the Bullwhip Effect”, R. Croson and K. Donohue, (2005), *Systems Dynamics Review*, 21 (3), 249-260.
19. “An Empirical Study of Service Differentiation for Weapon System Service Parts”, V. Deshpande, M. Cohen and K. Donohue, (2003), *Operations Research*, 51 (4), 518-530.
20. “A Threshold Inventory Rationing Policy for Service Differentiated Demand Classes,” V. Deshpande, M. Cohen and K. Donohue, (2003), *Management Science*, 49 (6), 683-703.
21. “Impact of POS Data Sharing on Supply Chain Management: An Experimental Study”, R. Croson and K. Donohue, (2003), *Production and Operations Management*, 12 (1), 1-11.
22. “Optimal Computing Budget Allocation for Monte Carlo Simulation with Application to Product Design”, C.H. Chen, K. Donohue, E. Yucesan, and J. Lin, (2003), *Simulation Practice and Theory*, 11, 57-74.
23. “Optimal Design of Stochastic Production Lines: A Dynamic Programming Approach”, K. Donohue, W. Hopp, and M. Spearman, (2002), *IIE Transactions*, 34 (10), 891-903.
24. “Using an Optimized Queueing Network Model to Support Wafer Fab Design”, W. Hopp, M. Spearman, S. Chayet, K. Donohue, and E. Gel, (2002), *IIE Transactions*, 34 (2), 119-130.
25. “Experimental Economics and Supply Chain Management”, R. Croson and K. Donohue, (2002), *Interfaces* (special issue on experimental economics in practice), 32 (5), 74-82.
26. “Efficient Supply Contracts for Fashion Goods with Forecast Updating and Two Production Modes”, K. Donohue, (2000), *Management Science*, 46 (11), 1397-1411.

27. “The Economics of Capacity and Marketing Measures in a Simple Manufacturing Environment”, K. Donohue, (1994), *Production and Operations Management*, 3, 78-99.
28. “Improving the Design of Stochastic Production Lines: An Approach Using Perturbation Analysis”, K. Donohue and M. Spearman, (1993), *International Journal of Production Research*, 31, 2789-2806.

Book Chapters and Refereed Proceedings

29. “The Future is Bright: Recent Trends and Emerging Topics in Behavioral Operations”, K. Donohue and K. Schultz, Chapter 18 of *Handbook of Behavioral Operations*, Wiley, 2018.
30. “Sharing the Risk: Understanding Risk-Sharing Contracts from the Supplier’s Perspective:”, K. Donohue and Y. Zhang, Chapter 13 of *Handbook of Behavioral Operations Management*, Oxford Press, 2014.
31. “Behavioral Operations: Applications in Supply Chain Management”, K. Donohue and E. Siemsen, Article 4.5.12, *Wiley Encyclopedia of Operations Research and Management Science*, 2010.
32. “Supply Chain Management: A Teaching Experiment”, R. Croson, K. Donohue, E. Katok, and J. Sterman, chapter in Zwick, Rami and Amnon Rapoport (Eds.), *Experimental Business Research* (2004), Vol. 3: Marketing, Accounting, and Cognitive Perspectives, Kluwer Academic Publishers, Norwell, MA.
33. “Efficient Approach for Monte Carlo Simulation Experiments and its Application to Circuit Design Problems”, C.H. Chen, K. Donohue, J. Lin, and E. Yucesan, *Proceedings of the 34th Annual Simulation Symposium*, IEEE publications, April 2001.
34. “Intelligent Computing Budget Allocation for Discrete Event Simulation and Optimization”, C. Chen, K. Donohue, L. Dai, and E. Yucesan, *Proceedings of the International Conference on Intelligent Systems and Semiotics*, September 1997.

Working Papers and Papers under Review

35. “Consumer perceptions of bidirectionally distributed local produce: A cue utilization perspective”, G. Lee, H-Y. Kim, K. Draeger, K. Donohue, G. Schweser, and O. Ren, working paper (2023).
36. “Sourcing under Supply Disruption and Responsibility Violation Risks: A Behavioral Investigation”, V. Yu, K. Donohue, and K. Natarajan, working paper (2023).
37. “Nudging Green but Slow Shipping Choices in Online Retail”, Y. Lee and K. Donohue, working paper (2023).
38. “Impact of External Assistance Programs on Supply Chain Energy Efficiency: A Behavioral Investigation”, K. Donohue, J. Nguyen, and B. Pourghannad, working paper (2022).
 - o POMS College of Behavioral Operations 2020 Junior Scholar Paper Competition Finalist
39. “Applying Energy Surcharges to Increase Supply Chain Energy Efficiency: A Cautionary Tale”, J. Nguyen, K. Donohue, and M. Mehrotra, working paper (2023).

NONREFEERED PROCEEDINGS and REPORTS

- A. “Promoting Service Quality via Competition”, S. Benjaafar and K. Donohue, *Proceedings of 2008 NSF Design and Manufacturing Grantees Conference*, January 2008.
- B. “Inventory Competition in Make-to-Stock Systems”, S. Benjaafar, E. Ehsan, K. Donohue, *Proceedings of the Fourth Aegean International Conference on Analysis of Manufacturing Systems*, Samos Island, Greece, July 2003.
- C. “An Engineering Design Framework Integrating Robust Optimization and Structured Simulation Experiments”, C.H. Chen, K. Donohue, and S.D. Wu, *Proceedings of 1999 NSF Design and Manufacturing Grantees Conference*, January 1999. A second, follow-on report is also published

- under the same title in *Proceedings of 2000 NSF Design and Manufacturing Grantees Conference*, January 2000.
- D. “Supply Chain Coordination Study: US Navy / Defense Logistics Agency”, M. Cohen, K. Donohue, and V. Deshpande, Final Project Report, Fishman-Davidson Center for Service and Operations Management, The Wharton School, February 1998.
 - E. “Intra-Organizational Supplier/Customer Coordination for Service Parts Logistics Systems: Lessons from a Field Study in a High Technology Systems Environment”, M. Cohen, K. Donohue, and V. Deshpande, *Proceedings from the 3rd International Symposium on Logistics*, July 1997.
 - F. “Queueing Network Models for Planning and Design of Semiconductor Fabrication Facilities”, W. Hopp, M. Spearman, and K. Donohue, *Proceedings of the 1997 NSF Design and Manufacturing Grantees Conference*, January 1997.
 - G. “A Two-Stage Model of Supplier-Buyer Coordination under Forecast Uncertainty”, K. Donohue, *Proceedings of the INFORMS Technical Section on Manufacturing and Service Operations Management*, June 1996.
 - H. “Performance Evaluation of Semiconductor Fabrication Facilities”, S. Chayet, K. Donohue, W. Hopp, and M. Spearman, *Proceedings of the NSF Design and Manufacturing Conference*, January 1996.
 - I. “Optimizing the Design of Manufacturing Lines”, K. Donohue, W. Hopp, and M. Spearman, *Proceedings of the NSF Design and Manufacturing Conference*, January 1995.
 - J. “Designing Capable Manufacturing Lines: A Dynamic Programming Approach”, K. Donohue, W. Hopp, and M. Spearman, *Proceedings of the ORSA Technical Section on Manufacturing Management Conference*, June 1994.

RESEARCH PRESENTATIONS

Invited Presentations at Universities (since 2010)

- “Improving the Adoption of Eco-friendly Business Practices: Insights from Behavioral Operations”
 - W.P. Carey School, Arizona State University, Dec. 2023.
- “Nudging Green but Slow Shipping Choices in Online Retail”
 - Whitman School of Business, Syracuse University, Nov. 2022.
 - W.P. Carey School, Arizona State University, Sept. 2022.
 - INSEAD (virtual), November 2021.
- “Sourcing under Supply Disruption and Responsibility Violation Risks: A Behavioral Investigation”
 - Operations & Technology Management Seminar, Questrom School of Business, Boston University (virtual), March 2021.
 - Systems Dynamics Seminar, Sloan School of Management, MIT (virtual), March 2021.
- “What Influences the Adoption of Win-Win Solutions for Business and the Environment: Insights From Two Supply Chain Decision Contexts”
 - Technology & Operations Seminar Series, Ross School of Business, University of Michigan, Feb. 2020.
 - Kenan-Flagler Business School, University of North Carolina-Chapel Hill, Feb. 2020.
- “Behavioral Operations: The Future is Bright”
 - Keynote presentation for ODT Department Senior Scholars Summer Symposium on “The Past, the Present, and the Future: Charting Emergin Research Themes in OM, DS/Analytics and IS”, The Kelly School of Business, Indiana University, July 2019.
 - Keynote presentation for the 10th Anniversary Behavioral Operations Management Conference, Guangzhou, China, December 2018.
- “The Decision to Recall: a Behavioral Investigation in the Medical Device Industry”
 - Haskayne School of Business, University of Calgary, February 2019.
 - Rutgers Business School, Rutgers University, January 2019.

- Harvard Business School, Harvard University, February 2017.
- European Business School (Germany), July 2015.
- “Initiating and Sustaining Supplier Involvement in Development Projects: a Behavioral Investigation”
 - College of Business, Iowa State University, December 2015.
 - Wisconsin School of Business, University of Wisconsin-Madison, November 2015.
 - W.P. Carey School of Business, Arizona State University, March 2015.
 - Johnson Graduate School of Business, Cornell University, March 2015.
- “Buyback versus Revenue Sharing: Preferences of a Loss Averse Supplier”
 - Scheller College of Business, Georgia Tech, April 2013.
 - Ross School of Business, University of Michigan, October 2011.
 - McCombs School of Business, University of Texas-Austin. March 2011.
 - College of Business, University of Illinois Champaign-Urbana, February 2011.
 - Fuqua School of Business, Duke University, September 2010.
- “Research Opportunities at the Carlson School”
 - Tsinghua University, Beijing, China, December 2013.

Invited Presentations at Industry Forums (since 2010)

- “The Decision to Recall: a Behavioral Investigation”, Medtronic Medical Safety Council Meeting, Minneapolis, MN, November 2018.
- “Supply Chain Coordination Panel”, Supply Chain Coordination and Energy Efficiency Symposium, Johnson Foundation, Racine, WI, October 2012.
- “Creating Value through Exchange Relationships”, Nothstar Consortium, Institute on the Environment, Minneapolis, MN, May 2010.

Conference Presentations (since 2010)

- “Nudging Slow but Green Shipping Choices in Online Retail”, Consortium for Operations Excellence in Retailing (COER), Philadelphia, PA, June 2023.
- “Building a Bidirectional Supply Chain for Farm to Rural Grocery to Wholesale”, INFORMS Annual Conference, Indianapolis, IN, October 2022.
- “Nudging Slow but Green Shipping Choices in Online Retail”, Innsbruck Workshop on Behavioral Operations and Supply Chain Management, University of Innsbruck, Austria. (virtual), July 2021.
- “Managing Work/Life Balance”, panelist for Women in ORMS, INFORMS Annual Conference, Houston, TX, May 2017.
- “Sharing the Risk: A Classroom Experiment for Teaching about Supply Chain Contracts”, INFORMS Annual Conference, Houston, TX, May 2017.
- “Tutorial: A Case Study Discussion on the Review and Revision Processes”, invited presentation for the Young Scholars Workshop, Behavioral Operations Conference, Wisconsin School of Business, University of Wisconsin-Madison, July 2016.
- “Behavioral Research in Supply Chain Management: Testing Intentions, Actions, and Reactions”, keynote presentation for the 5th Annual Workshop on Behavioral Operations Management, Dalian University of Technology, Dalian, China, December 2013.
- “Behavioral Operations Tutorial: Applications in Supply Chain Management”, semi-plenary session of Young Scholars Workshop, Behavioral Operations Research Conference, University of Michigan, June 2013.
- “Behavioral Operations: Applications in Supply Chain Management”, invited semi-plenary session, POMS World Conference, Amsterdam, July 2012.

- “Meet the Editors: How to Publish Behavioral Research”, invited panel session, INFORMS Conference, Austin, TX, October 2010.
- “Reviewing Behavioral Operations”, invited panel session, POMS Annual Meeting, Vancouver, April 2010.

TEACHING EXPERIENCE

The Carlson School, University of Minnesota

1. Supply Chain and Operations, online MBA core, Fall 2020 & 2022; Spring 2022-2023.
2. Logistics and Transportation (MS SCM core course and MBA elective - online), Spring 2017-2018; Fall 2018-2023.
3. Transportation and Logistics (undergraduate elective), Fall 2018-2020, Spring 2019-2021; Fall 2021.
4. Supply Chain Management in the Retail Sector (MBA elective), Spring 2017-2019.
5. Supply Chain and Operations Strategy (undergraduate capstone course), Fall 2012-2016; Spring 2010-2016.
6. Seminar on Research in Behavioral Operations, Fall 2008, 2011, 2013; Spring 2016, 2018, 2020, 2022.
7. Managing Supply Chain Operations (MBA elective), Spring 2001-2005, 2008, 2010-2013.
8. Operations Management (CEMBA core course), Fall 2006.
9. Operations Management (VEMBA core course), Summer 2005, 2006.
10. Introduction to Management Science (Ph.D. core course), Fall 2004, 2006.
11. Global Operations Management (Lyon MBA Seminar), Summer 2004.
12. Operations Forecasting and Inventory Research (Ph.D. core course), Spring 2003.
13. Manufacturing Management Systems (MBA elective), Spring 2000.

Masters of Technology Management (University of Minnesota)

- Applications of Behavioral Operations (4 hour seminar), Fall 2017, 2018.

London Business School

1. Global Supply Chain Management and Leadership (MBA elective), Spring 2009.
2. Behavioral Operations (PhD seminar), Spring 2009.

MIT-Zaragoza International Logistics Summer PhD Academy

- PhD Seminar on Behavioral Operations Management (18 hours), Summer 2010.

Carlson Executive Education:

- Supply Chain Management, part of Romanian Residency Program on Operations Management, Summer 2008.
- Operations Management, 8 hour custom module for Anderson Windows, part of Leadership by Anderson custom program, Fall 2007.
- Supply Chain Management, 2.5-day open enrollment program (served as faculty director and taught 12 hours), Fall 2005, 2006, 2007.
- Operations Management, part of the Minnesota Management Institute focused program, taught 8 hour segment, Spring 2005, 2006, 2007, 2008.
- Supply Chain Fundamentals, part of the Technology Management Signature Series, taught 8 hour segment, Rochester, MN. Fall 2002, 2003.

The Wharton School, University of Pennsylvania

1. Management Science (MBA core), Spring 1998.
2. Operations Management: Quality and Productivity (MBA core), Fall 1993-1996, and 1998. Course Head 1993, Co-Course Head 1995.
3. Distribution Systems (Ph.D. elective), Spring 1999.
4. New Research Directions in Operations Management (Ph.D. elective), Spring 1995.

5. Computer Simulation Models (undergraduate elective), Spring 1995, 1996.
 6. Operations Management: Planning and Strategy (MBA elective), Spring 1993.
 7. Introduction to Production and Operations Management (undergraduate elective), Spring 1993 and 1994.
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THESIS SUPERVISION

Ph.D. Students Advised

- Yeonjoo Lee, in process.
- Yuanyuan (Amy) Ding, in process.
- Vincent Yu, PhD. 2021
Dissertation: *Sourcing and Capacity Investment Decisions in Supply Chain Risk Management*.
Placement: Post-doc at North Carolina State University, currently Assistant Professor at Miami of Ohio.
- Quang Dang (Jason) Nguyen, PhD. 2018
Dissertation: *Impact of External Mechanisms on Energy Efficiency Investments at Small-and-Medium-Sized Suppliers*.
Placement: UNSW Sydney, currently Assistant Professor at Ivey Business School.
- Eirini Spiliotopoulou (MIT-Zaragoza), PhD. 2013, co-advisor with Mustafa Cagri Gurbuz.
Dissertation: *Information Reliability in Supply Chains: The Case of Multiple Retailers*.
Placement: Post-Doctorate Position at EBS Business School, Germany, currently Associate Professor at Tilburg School of Economics and Management.
- Yinghao Zhang, PhD. 2013
Dissertation: *Buyback versus Revenue Sharing Contracts: Influence of Loss Aversion and Payment Timing*.
Placement: Perdue School of Business, Salisbury University; currently Associate Professor at University of Cincinnati.
- Ehsan Elahi, PhD. 2007, co-advisor with Saif Benjaafar.
Dissertation: *Outsourcing via Service Competition*.
Placement: School of Management, currently Associate Professor at University of Massachusetts at Boston.
- Vinayak Deshpande, PhD. 2001, co-advisor with Morris Cohen.
Dissertation: *Supply Chain Coordination with Service Differentiated Customer Classes*.
Placement: Krannert School, Purdue University; currently Professor at UNC-Chapel Hill.
Dissertation won Honorable Mention in the 2000 George B. Dantzig Dissertation Award.

Ph.D. Thesis Committee Participation

University of Minnesota, Carlson School of Management

- Hanu Tyagi, in process
- Yasaman Asayesh, in process
- Jingwen Yang, PhD. 2023, Placement: University of Nevada.
- Anna Errore, PhD. 2021, Placement: Emory University.
- Pettis Kent, PhD. 2018, Placement: Loyola University.
- George Ball, PhD. 2015, Placement: Indiana University.
- Suvrat Dhanorkar, PhD. 2015, Placement: Penn State University.
- Yi-Su Chen, PhD. 2010, Placement: University of Michigan-Dearborn.
- Emily McIlvaine (OMS), PhD. 2010, Placement: University of Iowa.
- Brent Mortiz (OMS), PhD. 2010, Placement: Penn State.
- Marco Habermann (OMS), PhD. 2009, Placement: University of South Carolina.
- Bill Sawaya (OMS), PhD. 2006, Placement: Post-doc at Cornell University.
- Xiaowen Huang (OMS), PhD. 2004, Placement: Miami University (Ohio).

University of Minnesota, College of Science & Engineering

- Yan Liu (I&SE), in process.
- Wen-Ya Wang (I&SE), in process.
- Behrooz Pourghannad, PhD. 2019, Placement: Institute for Mathematics and its Applications, University of Minnesota.
- Yibin Chen (I&SE), PhD. 2016.
- Rowan Wang (I&SE), PhD. 2014, Placement: Singapore Management University.
- Yu Wang (I&SE), PhD. 2012.
- Hao-Wei Chen (ME/IE), PhD. 2012.
- Le Li (ME/IE), PhD. 2010.
- Yimin Yu (ME/IE), PhD. 2009, Placement: City University of Hong Kong.
- Kannapha Amaruchkul (ME/IE), PhD. 2007, Placement: School of Applied Statistics, NIDA (Thailand).
- Wang Lei (ME/IE), PhD. 2006, Placement: SmartOps Corporation.
- Seareh Mardan (ME/IE), Graduated 2006.
- Dan Zhang (ME/IE), PhD. 2005, Placement: Post-Doc at University of Chicago.
- Waressara Weerawat (ME/IE), PhD. 2003, Placement: Mahidol University (Thailand).

University of Pennsylvania:

- Vishal Gaur, PhD. 2001, Placement: New York University.
- Suman Mallik, PhD. 1998, Placement: University of Illinois.
- Xiaopei Wang, PhD. 1997, Placement: Industry.
- Yunzeng Wang, PhD. 1997, Placement: Case Western Reserve University.
- Zeynep Aksin, PhD. 1996, Placement: INSEAD.
- Huan Yan, PhD. 1996, Placement: Industry.
- Vipul Agrawal, PhD. 1994, Placement: New York University.
- Shunping Zhu, PhD. 1994, Placement: Industry.

Other Universities:

- Bengisu Urlu, INSEAD, in process.
- Bregje van der Staak, Eindhoven University of Technology, Ph.D. 2021.
- Jaime Andrés Castañeda, Università della Svizzera italiana (USI, Lugano), PhD. 2013, Placement: Post-Doc at MIT.
- Amin Kaboli, EPFL Business School, Lausanne, Switzerland, PhD. 2013, Placement: Industry.
- Stephanie Eckerd, The Ohio State University, PhD. 2011, Placement: University of Maryland.
- Souleimarr Naciri, EPFL Business School, Lausanne, Switzerland, PhD. 2010, Placement: Industry.
- Mary Meixell, Lehigh University, PhD. 1998, Placement: George Mason University.
- 2001: Ana Agostini, Vidya Salgar Kalidindi (primary advisor).

INSTITUTIONAL SERVICE

University of Minnesota

- Member of Search Committee for Chair of ISyE Department, 2017.
- Women Faculty Cabinet, 2010-2013.
- Faculty Senator, University of Minnesota Senate, 2007-2009, Alternate for 2010-2012.
- Member of the Supply Chain Research Center, 2002-2012.
- Faculty Search Committee, ME/IE department, 2003-2004, 2004-2005.
- Faculty Advisor, Transportation Certificate Program, 2004-present.

- Mentor for the President's Distinguished Faculty Mentor Program, 2001-2004.

Carlson School of Management

- Academic Director, MS in Supply Chain Management Program, 2016-present.
- Member, Promotion and Tenure Appointment Committee, 2020-2023, Chair 2022-23.
- Member, Search Committee for MS SCM Professional Director, 2023.
- Carlson Faculty Consultative Committee (FCC), 2010-2013, 2016-2019, Chair 2018-19.
- Chair, Search Committee for MS SCM Professional Director, 2019.
- Carlson Full-Time MBA Curriculum Redesign Committee, 2014.
- Carlson Honor Code Committee, 2012.
- Research Infrastructure Committee, 2007-2012.
- Executive Committee for Executive Education, 2007-2008.
- Chair, Search Committee for Carlson Behavioral Laboratory Manager, 2007.
- MBA Executive Committee, 2004-2006.
- McKnight – BER Grant Review Committee, 2005-2006.
- Faculty Representative to the Web Council, 2004-2006.
- Office of Learning Excellence Steering Committee, 2002-2005.
- Supply Chain Management Advisory Board, 2000-present.
- Search Committee for the Director of the Learning Excellence Initiative, 2002-2003.
- CEMBA (Carlson Executive MBA) Executive Committee, 2000-2002.

Supply Chain and Operations Department

- Supply Chain Operations Masters Design Committee, 2014, 2016.
- Faculty Recruiting Committee, 2001-2002, 2005-2006, 2007-2008 (chair), 2009-2010, 2012-2013, 2017-2018.
- Faculty Advisor for the MBA Supply Chain & Operations Portfolio, 2003-2006.
- Faculty Advisor for the MBA Supply Chain Concentration, 2002-2003.
- Faculty Advisor for MBA OM/SCM student case competitions, including the Purdue Operations Case Competition and the International Logistics Case Competition, 2002-2005, 2007-present.
- OMS Seminar Series Coordinator, 2000-2003.
- Ph.D. Admissions Committee, 2000-2001.