

Curriculum Vitae

YAN DONG

Darla Moore School of Business
University of South Carolina
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ACADEMIC APPOINTMENT

2014 to present: Department of Management Science, University of South Carolina
01/2020 to present: Professor of Management Science
03/2019 to present: BPF Distinguished Moore Research Fellow
06/2016 to 12/2019: Associate Professor
06/2014 to 05/2016: Assistant Professor
2007 to 2014: Assistant Professor, University of Maryland, College Park
2000 to 2007: Assistant Professor, University of Minnesota

PROFESSIONAL EXPERIENCE

1998 to 2000: Management consultant, Supply Chain Management, IBM Global Services
1997 to 1998: Management consultant, the World Bank

EDUCATION

Ph.D. Logistics and Operations Management, University of Maryland, College Park
M.A. Economics, University of Cincinnati (Ph.D. Candidate) and Nankai University
B.S. Computer Science, Nankai University

PUBLICATIONS

1. Song, S., Y. Dong, T. Kull, C. Carter, and K. Xu, 2022, "Supply chain leakage of greenhouse gas emissions," forthcoming, *Production and Operations Management*.
2. Hu, W., K. Skowronski, Y. Dong, and Y. Shou, 2022, "Mergers and acquisitions in supply bases," forthcoming, *Production and Operations Management*.
3. Dong, Y, S. Song, and F. Zou, 2022, "Mobile payment services, government involvement, and mobile network operator performance," forthcoming, *Manufacturing and Service Operations Management*. (Equal contribution)

4. Dong, Y., S. Song, S. Venkataraman, and Y. Yao, 2021, "Mobile Money and Mobile Technologies: A Structural Estimation," *Information System Research* 32(1):18-34. (Equal contribution)
5. Dong, Y., K. Xu, S. Song, and C. Zhou, 2021, "Consumer quality reference in product recalls," *Decision Sciences* 52(4): 893-919 (An earlier version won the Best Analytical Research Paper Award, DSI Annual Conference).
6. Wani, D., Y. Dong, K. Xu, and M. Malhotra, 2021, "Emissions and emerging market penetration: The effect of institutional development," *Decision Sciences* 52(1): 283-324.
7. Dong, Y., K. Skowronski, S. Song, S. Venkataraman, and F. Zou, 2020, "Supply base innovation and firm financial performance," *Journal of Operations Management*, 66(7-8): 768-796. (Equal contribution)
8. Zhou, C., S. Sridhar, T. Cui, R. Becerril, and Y. Dong, 2019, "Promotions as competitive reactions to a recall crisis and their consequences," *Journal of the Academy of Marketing Science*, 47(4) 702-722.
9. Dong, Y., M. Chung, C. Zhou, and S. Venkataraman, 2019, "Banking on 'Mobile Money': The implications of mobile money services on the value chain," *Manufacturing and Service Operations Management*, 21(2) 290-307.
10. Wan, X., X. Huang, and Y. Dong, 2016, "The moderating role of product categories in the relationship between online fulfillment, procurement, and consumer repurchase intention: A hierarchical analysis," *Journal of Supply Chain Management*, 52(4) 63-76.
11. Dong, Y., K. Xu, Y. Xu, and X. Wan, 2016, "Quality control in multi-level supply chains with outsourced manufacturing," *Production and Operations Management*, 25(2) 290-305.
12. Xu, K., Y. Dong, and Y. Rui, 2016, "Stockout recovery and product ownership in supply chains," *Decision Sciences*, 47(1) 94-124.
13. Dong, Y., K. Xu, H. Cui, and Y. Yao, 2015, "Failure recovery and prevention: Managing stockouts in distribution channels," *Marketing Science*, 34(5) 689-701. (Equal contribution)
14. Xu, K., X. Xia, and Y. Dong, 2015, "Too little or too late: The timing of demand collaboration in supply chains," *European Journal of Operational Research*, 241(2) 370-380.
15. Dong, Y., M. Dresner, and Y. Yao, 2014, "Beyond information sharing: An empirical analysis of vendor managed inventory," *Production and Operations Management*, 23(5) 817-828.
16. Steven, A., Y. Dong, and T. Corsi, 2014, "Global sourcing and quality recalls: An empirical analysis," *Journal of Operations Management*, 32(5) 241-253.
17. Dong, Y., K. Xu, K.K. Sinha, and X. Huang, 2014, "Designing exception-based demand collaboration mechanisms," *Journal of Management Information Systems*, 31(2) 245-284.

18. Han, C., Y. Dong, and M. Dresner, 2012, "Emerging market penetration, inventory supply and financial performance," *Production and Operations Management*, 22(2) 335-347.
19. Yao, Y., Y. Dong, and M. Dresner, 2012, "Supply chain learning and spillover in vendor managed inventory," *Decision Sciences*, 43(6) 979-1001.
20. Dong, Y., K. Xu, and P. Evers, 2012, "Transshipment incentive contract in a multilevel supply chain," *European Journal of Operational Research*, 223(2) 430-440.
21. Steven, A., Y. Dong, and M. Dresner, 2012, "Linkages between customer service, customer satisfaction and performance in the airline industry," *Transportation Research E*, 48(4) 743-754.
22. Dong, Y., Y. Yao, and H. Cui, 2011, "When acquisition spoils retention: Direct selling vs. delegation under CRM," *Management Science*, 57(7) 1288-1299.
23. Yao, Y., Y. Dong, and M. Dresner, 2010, "Managing supply chain backorders under vendor managed inventory: An incentive approach and empirical analysis," *European Journal of Operational Research*, 203(2) 350-359. (An early version of the paper won the Plowman Best Paper at 2007 CSCMP Educator's Conference)
24. Carter, C., N. Sanders, and Y. Dong, 2008, "Paradigms, revolutions, and tipping points: The need for using multiple methodologies within the field of supply chain management," *Journal of Operations Management*, 26(6) 693-696.
25. Dong, Y., M. Dresner, and V. Shankar, 2007, "The impact of efficient replenishment on supply chain outcomes," *Journal of Retailing*, 83(3) 253-278. (Honorable Mention, 2009 William R. Davidson Awards for best papers)
26. Yao, Y., Y. Dong, and M. Dresner, 2007, "Analyzing information-enabled stockout management under vendor-managed inventory," *Information Technology and Management*, 8 133-145.
27. Dong, Y., K. Xu, and M. Dresner, 2007, "Environmental determinants of vendor managed inventory: An exploratory analysis," *Transportation Research E*, 43(4) 355-369.
28. Xu, K. and Y. Dong, 2004, "Information gaming in demand collaboration and supply chain performance," *Journal of Business Logistics*, 25(1) 121-144. (An early version of the paper won the Plowman Best Paper at 2002 CLM Educator's Conference)
29. Dong, Y. and K. Xu, 2002, "A supply chain model of vendor managed inventory," *Transportation Research E*, 38(2) 75-95.
30. Dong, Y., M. Dresner, and C. Carter, 2001, "JIT purchasing and performance: An exploratory analysis of buyer and supplier perspectives," *Journal of Operations Management*, 19(4) 471-483.
31. Xu, K., Y. Dong, and P. Evers, 2001, "Towards better coordination of the supply chain," *Transportation Research E*, 37(1) 35-54.

SELECTED WORKING PAPERS

MANUSCRIPTS UNDER REVIEW

“Delegation with technology migration: An empirical analysis of mobile virtual network operators,” under 3rd round review after major revision at *Management Science*.

“Product recalls and supply base innovation,” under 2nd round major revision at *Manufacturing and Service Operations Management*.

“Organic product offerings, assortments, and the role of private label,” under major revision at *Production and Operations Management*.

“Corporate social responsibility and mergers and acquisitions,” under major revision at *Journal of Operations Management*.

“Does extended producer responsibility improve eco-innovation: An empirical study of product take-back programs,” under review at *Production and Operations Management*.

MANUSCRIPTS UNDER PREPARATION

“Dynamic spectrum sharing under 5G: A generational spillover of technologies,” to be submitted to *Management Science*.

“Merchant payment services and MNO performance,” to be submitted to *Manufacturing and Service Operations Management*.

“Environmental disclosure in supply networks,” to be submitted to *Manufacturing and Service Operations Management*.

“Operations, innovation, and CSR in supplier selection,” to be submitted to *production and Operations Management*.

“Supply chain analyses: Data and methods,” to be submitted to *Manufacturing and Service Operations Management*.

“A Structural Estimation of Mobile Virtual Network Operators,” working paper.

“Inventory and entry deterrence: The case of the U.S. airline markets,” working paper.

“How Do consumers Choose between Organic Products and Multiple Product Attributes? An Empirical Study of Yogurt Sales,” working paper.

“Bilateral R&D productivity and supply chain networks,” working paper.

PROFESSIONAL SERVICES

Department:

Tenure and Promotion Chair: 2021 to present
PhD Program Coordinator: 2017 to 2020

Conference:

Chair of Professional Development, Decision Sciences Institute Annual Conference, 2021.

Editorial Position:

Senior Editor: Production and Operations Management
Associate Editor: Journal of Operations Management

Ad hoc reviewer: Management Science, Manufacturing and Service Operations Management, Production and Operations Management, Journal of Operations Management, Decision Sciences, and others.

TEACHING

Supply Chain Management (Undergraduate, USC)
Advanced Supply Chain Management Ph.D. Seminar (Ph.D., USC)
Advanced SCM with ERP Applications (Undergraduate, UMD)
Supply Chain Models and Empirical Applications (Ph.D., UMD)
Supply Chain Management (MBA, UMN)
Distribution Channels (Undergraduate, UMN)

AWARDS AND GRANT

Best Analytical Research Paper Award, Decision Sciences Institute, DSI Annual Conference (2020 and 2015).
The Moore School Research Grant (2020, 2015, 2014).
Best Theory-Driven Empirical Research Paper Award, Decision Sciences Institute, DSI Annual Conference 2018.
William R. Davidson Awards (Honorable Mention) for best papers, Journal of Retailing, 2009.
Plowman Best Paper Award, Annual CSCMP Educator's Conference (2002 and 2007).
McKnight Business and Economic Research Grants, University of Minnesota (2005 and 2006).
Juran Scholar Award, Juran Center of Quality Management Research Grant, University of Minnesota, 2004.
National Association of Purchasing Management's (NAPM) Doctoral Dissertation Grant Award, 1998.
Y. Lee Outstanding Doctoral Research Award, 1997.

CONSULTING

IBM Global Services, the World Bank, Victoria International Airport