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Tingting Yan

Associate Dean for Research and Outreach
Jerry S. Rawls Professor in Supply Chain Management
Department of Marketing & Supply Chain Management
Rawls College of Business
Texas Tech University
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EDUCATION

PhD, Supply Chain Management, Arizona State University 2006-2011
Dissertation: "Aligning Actions and Goals in Buyer-Supplier Collaborative Product Innovation,"
Committee members: Kevin Dooley (Chair), Thomas Choi and Joseph Carter

M.S., Management Science, Fudan University, Shanghai, China 2008
Thesis: "The effects of the trading time in secondary markets on the supply chain", directed by Hongyu Li

B.S., Management Information System, Zhongnan University of Economics and Law, China 2003

ACADEMIC POSITIONS:

Jerry S. Rawls Chair in Supply Chain Management, Rawls College of Business, Texas Tech University, Jan 2026 to present

Associate Dean for Research and Outreach, Rawls College of Business, Texas Tech University, Feb 2024 to present

Affiliate international faculty, Audencia Business School, Nantes, France, 2023-present

Jerry S. Rawls Professor in Supply Chain Management, Rawls College of Business, Texas Tech University, June 2023 to Dec 2025

Professor, Department of Marketing & Supply Chain Management, Mike Ilitch School of Business, Wayne State University, May 2021 to May 2023

Charles H. Gershenson Distinguished Faculty Fellow, Wayne State University, 2021-2023

Associate professor, Department of Marketing & Supply Chain Management, Mike Ilitch School of Business, Wayne State University, August 2016 to May 2021

Assistant professor, Department of Marketing & Supply Chain Management, Mike Ilitch School of Business, Wayne State University, August 2011-June 2016

AWARDS AND RECOGNITION

1. 2022-2023 Ivey Publishing Best Seller Case Award Outstanding Runner-Up, https://www.iveypublishing.ca/s/news/ivey-publishing-best-seller-awards-2022-2023-MC774YWMZ4D5AXRLIG45ZEWM6R6Y

2. 2023 Jack Meredith Best Paper Award Honorable Mentions, Journal of Operations Management

3. 2021-2023 Charles H. Gershenson Distinguished Faculty Fellow, Wayne State University

4. 2021 Jack Meredith Best Paper Award Honorable Mentions, Journal of Operations Management

5. 2020 Best associate editor award, Journal of Operations Management

6. 2020 Best associate editor award, Journal of Supply Chain Management

7. 2020 Chan Hahn Best Paper Award finalist, OSCM Division of AOM.

8. Excellence in Research Award, Mike Ilitch School of Business, Wayne State University, $1000, 2016-2019

9. 2018 International Journal of Production Economics Outstanding Reviewer 2018

10. 2018 Honorable mention for service in reviewing for the Journal of Operations Management (promoted to Associate Editor afterwards)

11. 2017 International Journal of Production Economics' Editors' Award for Excellence in Reviewing.

12. 2016 Journal of Supply Chain Management Best Reviewer.

13. 2015 Carol J. Latta Memorial DSI Emerging Leadership Award for Outstanding Early Career Scholar, DSI, $500

14. 2010-2014 Journal of Operations Management Reviewer Service Award

15. 2014 Journal of Supply Chain Management Best Reviewer,

16. 2015 Finalist for the Past Chairs Emerging Scholar Award, Technology and Innovation Management Division (TIM) of the Academy of Management,

17. Excellence in Research Award, Mike Ilitch School of Business, Wayne State University, $1000, 2011-2014

18. 2013 Journal of Operations Management Best Reviewer, $150, 2014

19. First place in the ISM Doctoral Dissertation Grant in Supply Management, $6000, 2010
（One of the only two recipients in the United States for the Grant）

20. Proceeding Scholarships, the 20th Annual North American Research and Teaching Symposium, $750, 2010

21. ASU Graduate and Professional Student Association Research Grant, $2000, 2009-2010

22. Distinguished Doctoral Student Fellowship, department of supply chain management, $5000, 2008-2009

RESEARCH

Research theme: "How could a firm better innovate for sustainability by leveraging its supply network as well as understanding its suppliers' extended networks?"
Topics: supplier innovation, project management, supply network, behavioral operations management, sustainability

REFEREED JOURNAL ARTICLES

1. **Tingting Yan**, Dina Ribbink, and Hubert Pun, Technology development outsourcing: When to join forces with a rival? forthcoming at ***Journal of Operations Management***

2. Jordan Barker, Ellie Falcon, Yang Sophie Yang-Sun, and **Tingting Yan**, Ch-Ch-Ch-Ch-Changes: The Impact of Supply Base Growth, Contraction, and Turnover on Firm Innovation, forthcoming at ***Journal of Operations Management***

3. Zishun Qian, **Tingting Yan**, Jianbin Li, Process Innovation Similarity with Suppliers and Bullwhip Effect, forthcoming at ***International Journal of Production Economics***

4. Zishun Qian, **Tingting Yan**, Jianbin Li, Yicheng Zhang, Unleashing resilience through digitalization: Do upstream and downstream firms differ? Forthcoming at ***Omega***

5. Yanwu Song, **Tingting Yan**, Fu Jia, Lujie Chen, Hao Li, forthcoming, Developing generative AI for value co-creation: An intervention-based randomized field experiment in a healthcare context, ***Journal of Operations Management***

6. **Tingting Yan**, Chunping Deng, Yuye Wang and Shaorong Yin, forthcoming, Taking turns leading? Rotational leadership in new product development projects with supplier involvement, ***Journal of Operations Management***

7. Sophie Yang, Sangho Chae, **Tingting Yan** and Kevin Linderman (2025), Consolidate? Diversify? Post-M&A Supply Base Structural Changes and Operational Performance, ***Decision Science Journal,*** 56 (April): 171-192

8. Satabdi Hazarika, Yanji Duan, **Tingting Yan** and John Aloysius (2025), Does It Matter to the C-Suite? The Role of Top Management in a Purchasing Manager's Responsible Sourcing Intentions, ***Journal of Business Logistics,*** 46(2), 1-19

9. Hakan Yildiz, **Tingting Yan**, Marc Hatton, John Fowler, Thomas Kull, Lori Sisk (2025), When Complexity Meets Complexity: COVID-19-Induced Supply Chain Disruptions and Strategy Portfolio Efficiency, ***Journal of Operations Management,*** 71 (1): 109-129

10. Sophie Yang, Xiaojin Sun, Mengge Li, **Tingting Yan** (2025) More or Complex Actions? Effects of Supply Networks on Firms' Competitive Aggressiveness, ***International Journal of Operations and Productions Management,*** 46(1): 33-61

11. Ellie Falcone, **Tingting Yan** and Brian Fugate (2024), Follow-Suit or Free-Ride? A Relational View of CSR Diffusion in A Supply Chain with Customer-Supplier Closure, ***Journal of Operations Management,*** 70(6): 979-1006

12. Jiachun Lu, **Tingting Yan**, Tyson Browning (2024), Into the unknown? Explaining management nonresponse after a supply-base disruption, ***Journal of Operations Management,*** 70 (8): 1213-1233

13. Jie Lian, Keith Skowronski, Sining Song, **Tingting Yan** (2024), Customer base environmental disclosure and supplier greenhouse gas emissions: A signaling theory perspective, forthcoming at ***Journal of Operations Management,*** 70(3): 355-380

14. Jianbin Li, Fangying Hu, **Tingting Yan**, Xueyuan Cai, and Xiangrong, Song (2023). How to Charge Doctors and Price Medicines in a Two-sided Online Healthcare Platform with Network Externalities? forthcoming at ***International Journal of Production Research,*** 61:9, 3052-3070

15. Dina Ribbink, Hubert Pun, and **Tingting Yan** (2022), Revenue sharing bids of a loss-averse supplier for a new product development contract: A multi-method investigation, ***International Journal of Operations and Production Management,*** 42(12): 1853-1877.

16. Sangho Chae, Byung-Gak Son, **Tingting Yan** and Yang Yang (2022), Supply chains and the success of M&As: Investigating the effect of structural equivalence of merging firms' supplier and customer bases, ***International Journal of Operations and Productions Management,*** 42 (8): 1272-1293

17. Chunping Deng, **Tingting Yan**, Jiye Mao, Shaorong Yin (2022), Thinking alike or not: Performance implications of transactional psychological contract congruence in buyer-supplier new product development projects, ***Journal of Operations Management,*** 68(1):

4-32. (2023 Journal of Operations Management Jack Meredith Best Paper Award Honorable Mentions)

18. Christoph G. Schmidt**, Tingting Yan**, Stephan Wagner and Lorenzo Lucianetti (2022), Performance Implications of Knowledge Inputs in Inter-Organizational New Product Development Projects: The Moderating Roles of Technology Interdependence, ***International Journal of Production Research***, 60 (20): 6048-6071

19. Dan Zhou, **Tingting Yan**, Weiqi Dai and Junzheng Feng (2021), Disentangling the interactions within and between servitization and digitalization strategies: A service-dominant logic, ***International Journal of Production Economics,*** 238 (August)

20. **Tingting Yan**, Kevin Dooley, Sophie Yang, and Sangho Chae (2020), Trading-off Innovation Novelty and Information Protection in Supplier Selection for a New Product Development Project: Supplier Ties as Signals, ***Journal of Operations Management,*** 66, 7-8: 933-957. (2021 Journal of Operations Management Jack Meredith Best Paper Award Honorable Mentions)

21. Leonard Marques, **Tingting Yan,** Lee Matthews (2020), Knowledge Diffusion in A Global Supply Network: A Network of Practice View, ***Journal of Supply Chain Management,*** 56, 1: 33-53.

22. Sangho Chae, **Tingting Yan**, Sophie Yang (2020), Supplier innovation value from a buyer-supplier structural equivalence view: Evidence from the PACE Awards in the automotive industry**, *Journal of Operations Management***, 6, 7-8: 820-838.

23. Dan Zhou; **Tingting Yan**; Lihong Zhao; Jingjing Guo (2020), a study of servitization and service supply network, ***International Journal of Production Economics***, 291: 31-42.

24. **Tingting Yan**, Kevin Dooley and Thomas Choi (2018), Measuring Supplier Innovation, ***Supply Chain Management Review***, March.

25. **Tingting Yan**, Dina Ribbink and Hubert Pun (2018), Incentivizing Supplier Participation in Buyer Innovation: Experimental Evidence of Non-Optimal Contractual Design, ***Journal of Operations Management***, 57: 36-53.

26. Tingting Yan, Stephan Wagner (2017), Do What and With Whom? Value Creation and Appropriation in Inter-Organizational New Product Development Projects, ***International Journal of Production Economics***, 191, 1-14.

27. Tingting Yan, Kevin Dooley and Sophie Yang, (2017), A Theory of Supplier Network-Based Innovation Value, ***Journal of Purchasing and Supply Management,*** 23 (3): 153-162.

28. **Tingting Yan** and Arash Azadegan (2017), Comparing Inter-Organizational New Product Development Strategies: Buy or Ally; Supply-Chain or Non-Supply-Chain Partners? ***International Journal of Production Economics***. 183(A), 21-38.

29. Butler, T. W., Williams, D. L., and **Tingting Yan**. (2016). MMOG/LE: Improving Supply Chain Delivery Performance through Buyer-Supplier Collaboration. ***Journal of Transportation Management***, 25 (2), 57-68. Delta Nu Alpha Transportation Fraternaty.

30. Anand Nair**, Tingting Yan,** Young Kyun Ro, Adegoke Oke, Todd Chiles and Su-Yol Lee (2016). How environmental innovations emerge and proliferate in supply networks: a complex adaptive systems perspective, by ***Journal of Supply Chain Management***, 52(2), 66-86.

31. Tingting Yan and Anand Nair (2016), Structuring supplier involvement in new product development: A China-US study. ***Decision Sciences***, 47(4), 589-627.

32. **Tingting Yan** and Thomas Kull, 2015. Supplier Opportunism in Buyer-Supplier New Product Development: A China-US Study of Antecedents, Consequences and Cultural/Institutional Contexts. ***Decision Sciences,*** 46(2), 403-445

33. **Tingting Yan**, Thomas Choi, Yusoon Kim and Sophie Yang, 2015, A Theory of The Nexus Supplier: A Critical Supplier from A Network Perspective, ***Journal of Supply Chain Management***, 51 (1), 52-66 (this research sets the foundation for a CAPS research that develops a Nexus Supplier Index for companies to use to manage supply bases: https://www.youtube.com/watch?v=qKLGu03ctZ0).

34. Thomas Kull, **Tingting Yan**, Zhongzhi Liu, John Wacker, 2014, The Moderation of Lean Manufacturing Effectiveness by Dimensions of National Culture: Testing Practice-Culture Congruence Hypotheses. ***International Journal of Production Economics,*** 153, 1-12

35. **Tingting Yan** and Kevin Dooley, 2014. Buyer-Supplier collaboration quality in new product development projects. ***Journal of Supply Chain Management***. 50 (2), 59-83

36. Adegoke Oke., Fred Walumbwa, **Tingting Yan**, Moronke Idiagbon-Oke and Lucy Ojode, 2014. Linking Socio-Economic Factors with Technology Adoption in Three Emerging Economies of Sub-Saharan Africa, ***Journal of Manufacturing Technology Management,*** 25 (1), 49-68.

37. **Tingting Yan** and Kevin Dooley, 2013, Communication Intensity, Goal Congruence, and Uncertainty in Buyer-Supplier New Product Development. ***Journal of Operations Management***, 31 (7-8): 523-542.

38. Y. Kim, T. Choi, **Tingting Yan** and Kevin Dooley. 2011. "Structural investigation of supply networks: A social network analysis approach", ***Journal of Operations Management***, 29: 194-211.

39. **Tingting Yan**, Elliot Rabinovich, Kevin Dooley and Philip Evers, 2010. "Managing Backlog Variation in Order Fulfillment: the Case of Internet Retailers", ***International Journal of Production Economic,.***128 (1): 261-268.

40. J. Carter, Arnold Maltz, Elliot Maltz, Mark Goh and **Tingting Yan,** 2010. "Impact of Culture on Supplier Selection Decision Making", ***International Journal of Logistics Management***, 21(3), 2010.

41. **Tingting Yan** and Kevin Dooley, 2010. "Entry timing in a secondary market: when to trade?" ***International Journal of Production Economics***, 124 (1): 62-74.

42. Kevin Dooley, **Tingting Yan,** Srimathy Mohan and Gopalakrishnan Mohan. 2010 "Inventory Management and the Bullwhip Effect during the Current Recession: Evidence from the Manufacturing Sector", ***Journal of Supply Chain Management***, 46(1): 12-18.

43. J. Carter, Arnold Maltz, **Tingting Yan** and Elliot Maltz, 2008. "How Procurement Managers View Low Cost Countries and Geographies: A Perceptual Mapping Approach", ***International Journal of Physical Distribution and Logistics Management***, Vol. 38 (3): 224-243.

44. J. Carter and **Tingting Yan,** 2007. "The procurement function's role in strategic outsourcing from a process perspective", ***Int. J. Procurement Management***, Vol. 1, Nos. 1/2: 210-226.

JOURNAL EDITORIALS

1. **Tingting Yan**, Andreas Wieland, Wendy Tate, (2025) Researching Like a Master Chef: An Expansion of the Quantitative "Kitchen Tools" in Supply Chain Management Research, ***Journal of Supply Chain Management*** 61(2): 3-12

2. Wieland, Andreas, Wendy L. Tate, and **Tingting Yan**. (2024) A guided tour through the qualitative research city. ***Journal of Supply Chain Management*** 60.(1): 3-12.

3. **Yan, Tingting**, Wendy Tate, and Mark Pagell. (2022) Call for papers for the sixth emerging discourse incubator: Radical innovations and extreme disruptions: How could a firm thrive from the coevolution of the two." ***Journal of Supply Chain Management*** 58 (4): 3-5.

4. Cantor, David E., **Tingting Yan**, Mark Pagell, and Wendy L. Tate. (2022) "From the editors: Introduction to the emerging discourse incubator on the topic of leveraging multiple types of resources within the supply network for competitive advantage." ***Journal of Supply Chain Managemen***t 58 (2): 3-7.

5. Gattiker, Thomas F., Julia Hartmann, Finn Wynstra, Mark Pagell, David Cantor, ***Tingting Yan***, and Wendy Tate. 2022. "Testing the shoulders of giants—Replication research using registered reports." ***Journal of Supply Chain Management*** 58 (3): 89-94.

OTHER RESEARCH PUBLICATIONS:

1. **Tingting Yan** and Kevin Dooley, Supplier Innovation Assessment and Management: Current State and Future Potential, Inside Supply Management, 2017

2. **Tingting Yan** and Kevin Dooley, Measuring and managing supplier innovation. CAPS Research research report, Funded, $31,000.00, Dec. 1st 2015-Dec. 1st, 2016

PAPERS UNDER REVIEW:

1. Weihua Liu, Chaolun Yuan, **Tingting Yan**, Yang Cheng, Tobias Schoenherr, revising for 3rd round review at ***Journal of Operations Management***

2. Xiaowei Liu, **Tingting Yan,** Shengjie Xie, under 2nd round review at ***Production and Operations Management***

3. Miriam Wilhelm, Christian Hendriksen, Nada Sanders and **Tingting Yan**, revising for 3rd round review at ***International Journal of Production and Operations Management***

4. Alireza Sheikh-Zadeh, Jaeki Song and **Tingting Yan**, under 2nd round review at ***Journal of Supply Chain Management***

5. **Tingting Yan**, Meng Lv, Xiaowei Liu, 1st round review at ***Production and Operations Management***

6. Zhexiong Tao, **Tingting Yan**, Yifei Wang, Huilong Liu, 1st round review at ***Journal of Operations Management***

7. Yingchao Lan, Tingting Yan, Brett Messimino, 1st round review at ***International Journal of Production and Operations Management***

8. **Tingting Yan**, Hakan Yildiz, Thomas Kull, Daniel Finkenstadt, 1st round review at ***California Management Review***

9. **Tingting Yan**, Leonardo Marques, Will Diebel, 1st round review at ***International Journal of Operations and Production Management***

10. Leonardo Marques, **Tingting Yan**, Jury Gualandris, Zihan Wang, 1st round review at ***International Journal of Production and Operations Management***

11. Xiaowei Liu, Meng Lv, **Tingting Yan**, 1st round review at ***Journal of Operations Management*** (leadership special issue)

12. Xiaowei Liu, **Tingting Yan**, 1st round review at Manufacturing and Service Operations Management (developing operations management SI)

13. Zhexiong Tao, **Tingting Yan**, 1st round at ***Journal of Operations Management*** (relationship termination SI)

14. **Tingting Yan,** Yan Yan, Jiachun Lu, and Xun Tong, 1st round review at ***Organization Science***

WORK IN PROGRESS:

1. **Tingting Yan**, Paul Skilton, Kevin Dooley, Zhaohui Wu and Yusoon Kim, blind spots in collaborative interorganizational networks (target ***Journal of Management Studies)***

2. Ta-wei Kao, Hung-Chung Su, **Tingting Yan**, a network view of customer disclosure and supplier operational efficiency (target ***Journal of Operations Management***)

3. *Jiachun Lu,* ***Tingting Yan,*** *Lutz Kaufmann,* a cognitive explanation of managerial nonresponses to competitor failures (target ***Journal of Operations Management)***

4. Ta-wei Kao, Hung-Chung Su, Zhenzhen Yan and **Tingting Yan,** Government Dependence and Competition, (targeting ***Journal of Operations Management***)

5. Yanji Duan, Ellie Falcone, **Tingting Yan**, supplier AI usage mode for buyer NPD project, (target ***Journal of Operations Management***)

6. Sining Song, **Tingting Yan**, Zishun Qian, Jie Lian, Thomas Kull, a network view of supplier innovation and customer GHG emissions, ***(***target ***Journal of Operations Management)***

7. Sophie Yang, Sangho Chae, **Tingting Yan**, Kevin Linderman, customer M&A and supplier performance, (target ***Journal of Operations Management)***

8. Jordan Barker, Ellie Falcone, Sophie Yang, **Tingting Yan**, a network view of knowledge leakage through suppliers (target ***Journal of Operations Management)***

9. Jafar Namdar, Nima Safaei, **Tingting Yan**, firm productivity shortfall: a new construct for understanding firm resilience (target ***Journal of Operations Management)***

10. Ankit Anand, Dale Duhan, **Tingting Yan**, a field experiment of automated daily inventory record correction in a Buy-Online-Pickup-in-Store context (target ***Production and Operations Management)***

Funded Research
2015 - 2016. Assessing a Supplier's Innovation Performance. CAPS Research, Private, $31,000.00. Yan, T. (Co-Principal), Kevin, D. (Co-Principal)

PhD dissertation committee:
Marc(Ryan) Hatton, Arizona State University, PhD committee member

Teaching cases published:
Tingting Yan, Hubert Pun, Lori Sisk, Hamid Elahi, Kate Plegue, Brandon LeAnnais, James Preslar ,Alan Domzalski, Jay Glanton, George Smith II, Hajar Alwahabi, Jeffrey Dewitte II (2022), General Motors: Full-Size Truck Seat Supply Chain. Ivey publishing. https://www.iveypublishing.ca/s/product/general-motors-fullsize-truck-seat-supply-chain/01t5c00000BvMWtAAN

Tingting Yan, Pun, H. Srock, M., Preslar, J., Plegue, K., Meldrum, J., (2020). General Motors: Electrification Capacity Constraints case. Ivey publishing. https://www.iveypublishing.ca/s/product/general-motors-electrification-capacity-constraints/01t5c00000Cwpdr

Tingting Yan, Pun, H., and Butler, T. Srock, M., Preslar, J., Plegue, K., Meldrum, J., (2017). General Motors: Supplier selection for innovation. Ivey publishing. https://www.iveypublishing.ca/s/product/general-motors-supplier-selection-for-innovation/01t5c00000Cwqr1AAB , 2022 Ivey Best Seller Case Award

CONFERENCE PROCEEDINGS

Referred proceedings:
Paul Skilton, **Tingting Yan**, Zhaohui Wu, Kevin Dooley, & Yusoon Kim (2024). Blind Spots in Collaborative Inter-Organizational Networks: An Information Processing Norm View. In Academy of Management Proceedings (Vol. 2024, No. 1, p. 14988). Valhalla, NY 10595: Academy of Management.

Yingchao Lan, **Tingting Yan,** Brett Massimino (2020). Which Supplier to Select For Product Development? A Node, Dyad, And Network Level Investigation. Academy of Management Best Paper Proceedings.

Tingting Yan, Arash Azadegan, Adegoke Oke (2014). A Knowledge Management View of Open Innovation Strategies. Academy of Management Proceedings.

Timothy W. Butler, John C. Taylor, David L. Williams, **Tingting Yan (2012).** The influence of supply chain management on business innovation. Middle-West Decision Science Conference.

Tingting Yan (2012). The missing link in buyer-supplier joint product innovation: A work group effectiveness perspective. Academy of Management.

Tingting Yan (2010). Involving suppliers in new product development: coordination fit, goal congruence and collaboration quality. 20th Annual North American Research/Teaching Symposium.

TEACHING

Texas Tech University
SCM 4372: Strategic Supply Management (undergraduate; face-to-face)

Wayne State University
GSC 3600: Introduction to supply chain management (undergraduate; face-to-face)
GSC 5650: Strategic supply management (undergraduate; study abroad; face-to-face, online, hybrid)
GSC 7650: Strategic supply management (graduate; study abroad; face-to-face, online, hybrid)
GSC 7991: Quality management (graduate; face-to-face, online)
GSC 5690: Quality management (undergraduate; face-to-face, online)

Arizona State University
SCM 440: Quality measurement and management
SCM 432: Planning and Control Systems for SCM
SCM 440: Quality measurement and management

ACADEMIC SERVICES

Journal review
- Senior Editor for ***Journal of Business Logistics***, 2026-present
- Associate Editor for ***International Journal of Production and Operations Management,*** 2026-present
- Department Editor, ***Journal of Operations Manangement***, 2025-present
- Associate Editor for ***Journal of Supply Chain Management***, 2025-present
- Associate Editor for ***Transportation Research Part E: Logistics and Transportation Review (TRE),*** 2026-present
- Co-Editor in Chief for ***Journal of Supply Chain Management ,*** 2021-2025
- Associate Editor for ***Journal of Operations Management***, 2018-2025
- Associate Editor for ***Journal of Supply Chain Management***, 2017-2021
- Editorial Board Reviewer for ***Decision Science***, 2007-present
- Editorial Board Reviewer for ***Journal of Business Logistics***, 2017-2025
- Editorial Board Reviewer for ***International Journal of Production and Operations Management,*** 2021-2025

Member
- Decision Science

- Academy of Management
- Production and Operations Management