

Yunxia (Peter) Zhu

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EDUCATION

The University of Texas at Dallas , Richardson, TX <i>Doctor of Philosophy</i> , Operations Management	August 2012
The University of Texas at Dallas , Richardson, TX <i>Master of Science</i> , Supply Chain Management	May 2010
Case Western Reserve University , Cleveland, OH <i>Master of Science</i> , Supply Chain Management	January 2006
Fudan University , Shanghai, China <i>Bachelor of Science</i> , Operations Research	July 2001

ACADEMIC APPOINTMENTS

Associate Professor	August 2022 – present
Program Director of <i>Master of Science in Business Analytics</i>	August 2022 – present
Assistant Professor	July 2018 – July 2022
Department of Supply Chain Management and Analytics, College of Business University of Nebraska-Lincoln , Lincoln, NE	
Assistant Professor	September 2013 – June 2018
Department of Information Systems & Supply Chain Management, College of Business Administration Rider University , Lawrenceville, NJ	
Visiting Assistant Professor	August 2012 – May 2013
Information and Operations Management Department, Mays Business School Texas A&M University , College Station, TX	

RESEARCH

PUBLICATIONS

- Yiwei Huang, Yunxia Zhu, Mayukh Majumdar, Bala Shetty, Chelliah Sriskandarajah, **2024**. “*Managing Coins for Depository Institutions in Coin Supply Chains for Improved Circulation*,” **Production and Operations Management**. <https://doi.org/10.1177/10591478231224962>.
- Rakesh Mallipeddi, Subodha Kumar, Chelliah Sriskandarajah, Yunxia Zhu, **2022**. “*A Framework for Analyzing Influencer Marketing in Social Networks: Selection and Scheduling of Influencers*,” **Management Science**, **68**(1) 75-104. <https://doi.org/10.1287/mnsc.2020.3899>.
- Yunxia Zhu, Milind Dawande, Srinagesh Gavirneni, Vaidy Jayaraman, **2021**. “*Industrial Symbiosis: Impact of Competition on Firms’ Willingness to Implement*,” **IIE Transactions**, **53**(8) 897-913. <https://doi.org/10.1080/24725854.2020.1781305>.
- Yiwei Huang, Yunxia Zhu, Subodha Kumar, Bala Shetty, Chelliah Sriskandarajah, **2020**. “*A Framework for Analyzing the U.S. Coin Supply Chain*,” **Production and Operations Management**, **29**(12) 2736-2759. <https://doi.org/10.1111/poms.13168>.

- Seung Jun Lee, Gregory Heim, Chelliah Sriskandarajah, Yunxia Zhu, **2018**. “*Outpatient Appointment Block Scheduling Under Patient Heterogeneity and Patient No-Shows*,” **Production and Operations Management**, **27**(1) 28-48. <https://doi.org/10.1111/poms.12791>.
- H. Neil Geismar, Chelliah Sriskandarajah, Yunxia Zhu, **2017**. “*A Review of Operational Issues in Managing Physical Currency Supply Chains*,” **Production and Operations Management**, **26**(6) 976-996. <https://doi.org/10.1111/poms.12593>.
- Yunxia Zhu, Subodha Kumar, Sara Rodriguez-Sanchez, Chelliah Sriskandarajah, **2015**. “*Managing Logistics in Regional Banknote Supply Chain under Security Concerns*,” **Production and Operations Management**, **24**(12) 1966-1983. <https://doi.org/10.1111/poms.12378>.
- Milind Dawande, Vijay Mookerjee, Chelliah Sriskandarajah, Yunxia Zhu, **2012**. “*Structural Search and Optimization in Social Networks*,” **INFORMS Journal on Computing**, **24**(4) 611-623. <https://doi.org/10.1287/ijoc.1110.0473>.
- Yunxia Zhu, Milind Dawande, Chelliah Sriskandarajah, **2011**. “*Value of Local Cash Reuse: Inventory Models for Medium-Size Depository Institutions under the New Federal Reserve Policy*,” **Manufacturing & Service Operations Management**, **13**(4) 508-524. <https://doi.org/10.1287/msom.1110.0336>.

WORK IN PROGRESS

- *Rakesh Mallipeddi*, Chiraag Mittal, Jon Stauffer, Yunxia Zhu, “Jumping the Queue: Managing Early and Same-Day Appointments.” *Under first round review at Journal of Operations Management* (submitted in October 2023).
- *Qilong Zhu*, Gregory Heim, Chelliah Sriskandarajah, Yunxia Zhu, “Improving E-Retailer Order Fulfillment: Packing Boxes Better.” *Under revision for Production and Operations Management* (received “Reject and Resubmit” in October 2023).
- Yunxia Zhu, Inna Drobouchevitch, Neil Geismar, Chelliah Sriskandarajah, “Cross-Dock Terminal Scheduling with Temporary Inventory and Zero Inventory.”

OTHER PUBLICATIONS AND MEDIA COVERAGE

- Yunxia Zhu, Milind Dawande, Srinagesh Gavirneni, Vaidy Jayaraman. **2021**. “One Firm’s Trash is Another Firm’s Treasure: A Green and Profitable Deal,” **Industrial and System Engineering Magazine**, **53**(7) 51.

TEACHING EXPERIENCE

Instructor, College of Business, University of Nebraska-Lincoln

Business Analytics, GRBA 851 (Graduate Core)

Fall 2018, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023.

Business Analytics/Information Analysis, SCMA 350 (Undergraduate Core)

Spring 2019

Instructor, College of Business Administration, Rider University

Production and Operations, MSD 340 (Undergraduate Core)

Fall 2013, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, and Spring 2018

Operations & Supply Chain Management, PMBA 8250 (MBA Core)

Spring 2017 (Hybrid), Summer 2017 (Online), and Spring 2018 (Hybrid)

Quantitative Methods, MSD 105 (Undergraduate Core)

Fall 2013, Spring 2014, Fall 2015, Fall 2016, and Fall 2017

Introduction to Global Supply Chain Management, GSC 115 (Undergraduate Major Core)

Spring 2015

Models and Methods of Operations Management, PMBA 8052 (MBA Core)

Fall 2014 (Online)

Instructor, Mays Business School, Texas A&M University

Operations Management (Undergraduate Core)

Fall 2012

Instructor, Jindal School of Management, The University of Texas at Dallas

Operations Management (Undergraduate Core)

Spring 2011, Summer 2011, Spring 2012.

Teaching Assistant, 2007 – 2012, Jindal School of Management, The University of Texas at Dallas

Undergraduate courses: Operations Management, Statistics.

MS/MBA/PhD level courses: Operations Management, Logistics and Distribution, Probability and Statistics, Stochastic Models in Operations Research.

INDUSTRIAL EXPERIENCE

Business Analyst, Xindeco International Trade Company, Shanghai, China. Responsibilities included product procurement, supplier management, inventory management, and transportation scheduling, 2003 – 2004.

DEPARTMENT SERVICE

Chair of Search Committee for Tenure-Track Assistant Professor, 2022.

Chair of Search Committee for Department Operations Manager, 2022.

Member of Search Committee for The Cynthia Hardin Milligan Chair of Business, 2019-2020.

Member of Search Committee for Administrative Coordinator, 2019.

Member of Search Committee for Open Rank Professor of Practice, 2018-2019.

COLLEGE SERVICE

Faculty Panelist for doctoral student information session on job search, November 2023.

Member of MBA/Master's Committee, August 2022 – present.

Faculty Panelist for doctoral student information session on how tenure works, December 2022.

Panelist for Meet MBA Faculty at Nebraska, November 2020.

Faculty Panelist for doctoral student information session on how to survive job market, March 2019.

UNIVERSITY SERVICE

Faculty Senator, September 2019 – May 2023.

PROFESSIONAL SERVICE

Senior Editor of *Production and Operations Management*, 2022 – present.

Member of Editorial Review Board of *Production and Operations Management*, 2015 – 2022.

Ad-hoc reviewer for *Manufacturing & Service Operations Management*, *European Journal of Operational Research*, *Decision Sciences*, *IEEE Transactions on Systems, Man and Cybernetics: Systems*, *Journal of Business Analytics*, *Transportation Research Part E: Logistics and Transportation Review*, *Journal of the Operational Research Society*, *Journal of Scheduling*, *International Journal of Production Research*, and *International Journal of Production Economics*.

Track Co-Chair of “Logistics Management,” POMS 2022 Annual Meeting (online), April 2022.

Track Chair of “Scheduling and Logistics,” POMS 2021 Annual Meeting (online), April 2021.

Track Co-chair of “Finance and Operations Management,” POMS 2019 Annual Meeting, Washington, DC, May 2019.

Track Co-chair of “Finance and Economics,” DSI 2018 Annual Meeting, Chicago, IL, November 2018.

Track Co-chair of “Finance and Operations Management,” POMS 2018 Annual Meeting, Houston, TX, May 2018.

CONFERENCE PRESENTATIONS

- 2023 Nov DSI Annual Meeting (Invited Session), *Jumping the Queue: Managing Early and Same-Day Appointments*
- 2023 Oct INFORMS Annual Meeting (Invited Session), *Modeling Single-Donor Organ Chain Exchange: Optimization Framework for Analyzing Transplant Success*
- 2023 May POMS Annual Meeting (Invited Session), *Jumping the Queue: Managing Early and Same-Day Appointments*
- 2022 Nov DSI Annual Meeting (Invited Session), *How Do Patients Evaluate Waiting For Service*
- 2022 Apr POMS Annual Meeting (Invited Session), *Cross-Dock Terminal Scheduling with Temporary Inventory and Zero Inventory*
- 2021 Oct INFORMS Annual Meeting (Invited Session), *How Do Patients Evaluate Waiting For Service*
- 2021 Apr POMS Annual Meeting (Invited Session), *A Framework for Analyzing Influencer Marketing in Social Networks: Selection and Scheduling of Influencers*
- 2019 May POMS Annual Meeting (Invited Session), *Industrial Symbiosis: Operational Impact and Firms' Willingness to Implement*
- 2018 Nov INFORMS Annual Meeting (Invited Session), *Cross-Dock Terminal Scheduling*
- 2017 Oct INFORMS Annual Meeting (Invited Session), *Outpatient Appointment Block Scheduling Under Patient Heterogeneity and Patient No-Shows*
- 2016 Nov INFORMS Annual Meeting (Invited Session), *Cross-Dock Terminal Scheduling*
- 2016 May POMS Annual Meeting (Invited Session), *A Review of Operational Issues in Managing Physical Currency Supply Chains*
- 2015 Nov INFORMS Annual Meeting (Invited Session), *Operations in Currency Supply Chain – A Review*
- 2015 May POMS Annual Meeting (Invited Session), *Operations in Currency Supply Chain – A Review*
- 2014 Oct INFORMS Annual Meeting (Invited Session), *Increasing the Efficiency of Currency Supply within a Region in Banknote Supply Chain*
- 2013 Oct INFORMS Annual Meeting (Invited Session), *Managing Currency Supply in Mexico Banknote Supply Chain*
- 2013 May POMS Annual Meeting (Invited Session), *Managing Currency Supply in Mexico's Banknote Supply Chain*
- 2012 Oct INFORMS Annual Meeting (Invited Session), *Process Innovation and Competition in an Industrial Symbiotic System*
- 2012 Apr POMS Annual Meeting (Invited Session), *Process Innovation via an Industrial Symbiotic System: The Impact of Competition on the Willingness to Implement*
- 2011 Nov INFORMS Annual Meeting (Invited Session), *Process Innovation and Competition in an Industrial Symbiotic System*
- 2011 May POMS Annual Meeting (Invited Session), *Process Innovation and Competition in an Industrial Symbiotic Sustainable System*
- 2011 May POMS Annual Meeting (Invited Session), *Value of Local Cash Reuse: Inventory Models for Medium-Size Depository Institutions under the New Federal Reserve Policy*
- 2010 Nov INFORMS Annual Meeting (Invited Session), *Emerging Inventory Models in the Cash Supply Chain*
- 2009 Oct INFORMS Annual Meeting (Invited Session), *Structural Search and Optimization in Social Networks*