

Wenli Xiao

School of Business Administration
University of San Diego
5998 Alcalá Park, San Diego, CA 92110

Office Phone: (619) 260-2942
Fax: (619) 260-4891
Email: wenlixiao@sandiego.edu

Education

Ph.D. Operations Management, Georgia Institute of Technology, Scheller College of Management, Atlanta, GA, 2012.

M. Sc. Management Science, Fudan University, Shanghai, China, 2007.

B.S. Management Science, University of Science and Technology of China, Hefei, China, 2004.

Employment

Assistant Professor of Operations Management, School of Business, University of San Diego
August 2012-Present

Research Interests

Knowledge Management, Management of Technology, New Product Development, Supply Chain Management, Sustainable Operations, and Supply Chain Network.

Publications

Papers Published or under Review

- Xiao, W., and C. Gaimon. 2013. “The Effect of Learning and Integration Investment on Manufacturing Outsourcing Decisions: A Game Theoretic Approach”, *Production and Operations Management*, Vol. 22(6), pp. 1576-1592.
- Xiao, W., C. Gaimon, R. Subramanian, and M. Biehl. 2018. “Investment in Environmental Process Improvement”, *Production and Operations Management*. Advance online publication. <https://doi.org/10.1111/poms.12927>
- Esenduran, G. *, Y. T. Lin *, W. Xiao *, and M. Jin. 2018. “Choice of E-waste Recycling Standard under Recovery Channel Competition”, forthcoming at *Manufacturing and Service Operations Management*. (*Equal Contribution Authors, Ordered Alphabetically)
- Kim, D., P. Zhu, W. Xiao, and Y.T. Lin. “Customer Network Centrality and Supplier Performance: The Mediating Role of Supplier Centrality”, under review at *Journal of Business Logistics*.

- Lin, Z., R. Shi, W. Xiao, D. Xu. “Selling to the Capital-constrained Retailer in the Presence of Bankruptcy Cost and Tax”, under second round review at *Omega*.

Working Papers

- Xiao, W., C. Gaimon, and J. E. Carrillo. “Managing Knowledge in A Three-stage Incremental versus Platform Product Development Projects”.
- Xiao, W., and C. Gaimon. “The Development of A New Product versus the Improvement of An Existing Product and the Value of Knowledge Transfer”.
- Xiao, W., Y. Mu, and Y. T. Lin. “The Impact of Animal Welfare Regulation on Firms’ Product Offerings: Humane or Organic Product”.
- Shan, F., W. Xiao, and F. Yang. “Capacity Strategies with New Entering Competitor and Capacitated External Market”.

Work in Progress

- Shi, R. X., S. Sibdari, W. Xiao, and D. Pyke. “Integrated Risk Management in the Airline Industry”.
- Shan, F., W. Xiao, and Y. T. Lin. “A Comparison of E-Waste Take-Back Legislations”.

Other Publications

- Xiao, W., C. Gaimon, and J. E. Carrillo. 2015. Managing Knowledge in A Three-stage Platform Development Project. Neuchatel: EurOMA 2015 Conference Proceeding.
- Xiao, W., C. Gaimon, and J. E. Carrillo. 2014. Managing Knowledge in A Three-stage New Product Development Project. 14th PICMET Conference Proceeding.

Teaching Interests

Core Operations Management, Management Science, Business Analytics, Dynamic Optimal Control, Supply Chain Management and Modeling

Teaching Experience

- Undergraduate
 - Core: Management Science
Fall 2012-Fall 2014, School of Business, University of San Diego
 - Core: Prescriptive Business Analytics
Spring 2015-Present, School of Business, University of San Diego

- Core: Introduction to Management Science
Spring 2010, 2011, Scheller College of Management, Georgia Institute of Technology
- PhD
 - Dynamic Optimal Control
Fall 2017, School of Business, University of San Diego

Other Teaching Experience

- Teaching Assistant
 - Executive MBA, Summer 2011, Georgia Institute of Technology
 - Management of Technology (Spring 2008 and Fall 2011), Georgia Institute of Technology
 - Operations Strategy (Spring 2009), Georgia Institute of Technology
- Guest Lecturer, Management of Technology (Spring 2010 and Fall 2011), Georgia Institute of Technology
- Teaching Assistant, Supply Chain Management, School of Business, Fudan University, 2006

Selected Presentations

Seminar Presentations

Georgia Institute of Technology, Scheller School of Business, 2018

University of Massachusetts at Amherst, Isenberg School of Management, 2012

University of San Diego, School of Business, 2012

George Mason University, School of Business, 2012

Wilfrid Laurier University, Lazaridis School of Business and Economics, 2012

University of Portland, Pamplin School of Business, 2012

Conference Presentations

- “The Impact of Animal Welfare Regulation on Firms’ Product Offerings: Humane or Organic Product” (with Y. Mu, and Y. T. Lin)
POM Annual Conference, Huston, TX, 2018
- “Integrated Risk Management in the Airline Industry” (with R. X. Shi, S. Sibdari, and D. Pyke)
INFORMS Annual Conference, Huston, TX, 2017
- “Investment in Environmental Process Improvement” (with C. Gaimon, R. Subramanian, and M. Biehl)
POMS Annual Conference, Orlando, FL, 2016

- POMS Annual Conference, Washington D. C., 2015
- “Choice of E-waste Recycling Standard under Recovery Channel Competition” (with Y. T. Lin, G. Esenduran, and M. Jin)
 - POMS Annual Conference, Seattle, WA, 2017
 - INFORMS Annual Conference, Huston, TX, 2017
 - MSOM Annual Conference, NC, 201
 - POMS Annual Conference, Orlando, FL, 2016
 - Environmentally Sustainable Supply Chain Management Workshop for Early-Career Faculty, NC, 2016
 - ISOM Annual Research Workshop, Florida, 2016
 - INFORMS Annual Conference, Philadelphia, PA, 2015
 - “The Development of A New Product versus the Improvement of An Existing Product” (with C. Gaimon)
 - INFORMS Annual Conference, San Francisco, CA, 2014
 - POMS Annual Conference, Atlanta, GA, 2014
 - “Knowledge Creation and Knowledge Transfer in New Product Development Projects” (with C. Gaimon, and J. E. Carrillo)
 - International Annual EurOMA Conference, Neuchatel, Switzerland, 2015
 - PICMET Conference, Kanazawa, Japan, 2014
 - POMS Annual Conference, Atlanta, GA, 2014
 - Euro-INFORMS Joint International Conference, Rome, Italy, 2013
 - INFORMS Annual Conference, Phoenix, AZ, 2012
 - POMS Annual Conference, Chicago, IL, 2012
 - INFORMS Annual Conference, Charlotte, NC, 2011
 - POMS Annual Conference, Reno, NV, 2011
 - INFORMS Annual Conference, Austin, TX, 2010
 - POMS Annual Conference, Vancouver, British Columbia, 2010
 - “The Effect of Learning on Manufacturing Outsourcing Decisions: A Game Theoretic Approach” (with C. Gaimon)
 - INFORMS Annual Conference, Charlotte, NC, 2011
 - INFORMS Annual Conference, San Diego, CA, 2009
 - POMS Annual Conference, Orlando, FL, 2009

Honors and Awards

- Chan Hahn Best Paper Award Finalists, Academy of Management Conference, 2017

- Junior Faculty Research Award from the University of San Diego (2013)
- POMS Emerging Scholars Program, 2013
- Georgia Tech College of Management Research Assistantship (2007-2012)
- POMS Doctoral Consortium, 2011
- INFORMS Doctoral Consortium, 2011
- DSI Doctoral Consortium, 2011

Academic Service and Activities

- Reviewer for *Management Science*, *Production and Operations Management*, *Decision Science*, *IIE Transactions*, *European Journal of Operational Research*, *International Journal of Production Research*, *Management Research Review*, *Advances in Mechanical Engineering*
- Session Chair: INFORMS Annual Conference (2009, 2016, 2018), POMS Annual Conference (2013), International INFORMS Annual Conference (2016)
- Judge: California DECA State Career Development Conference, San Diego, 2016
- Faculty Development Activities Attended
 - Faculty Development Trip to Mexico, Ahlers Center for International Business, University of San Diego
 - Faculty Development Trip to UAE, Ahlers Center for International Business, University of San Diego
 - Faculty Development Trip to Greece and Italy, Ahlers Center for International Business, University of San Diego
- Department Service
 - Faculty advisor for visiting Ph.D. students (M. Jin, Fall 2015-Spring 2016; F. Shan, Fall 2017-Present)
 - Faculty Recruitment Committee (2015-2016, 2018)
- School and University Level Service
 - University Core Curriculum Committee (2017-Present)
 - Seminar Organizer, Faculty Research Brown-Bag Seminar, 2018
 - Critical Thinking Committee (2015-Present)
 - Faculty Expectation Committee (2016-Present)
 - Learning Objective Committee (2014-Present)
 - Judge, Social Innovation Challenge Competition (2014-2018)

Professional Affiliations

The Institute for Operations Research and the Management Science (INFORMS)
 Production and Operations Management Society (POMS)
 Decision Science Institute (DSI)