

Charles X. Wang

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ACADEMIC POSITIONS

School of Management, State University of New York (SUNY) at Buffalo, Buffalo, NY

Associate Professor (Tenured), Operations Management and Strategy, 2009 – present
Assistant Professor, Operations Management and Strategy, 2003 – 2009
Master Program Co-director, M.S. in Operations and Supply Chain Management, 2019 – present
Master Program Director, M.S. in Supply Chains and Operations Management, 2013 – 2018
Interim Department Chair, Operations Management and Strategy, Spring 2011

Institute for Sustainable Transportation and Logistics (jointly led by School of Engineering and School of Management), SUNY Buffalo, Buffalo, NY

Core Faculty, 2013 – present
Master Program Co-Coordinator, Multidisciplinary M.S. in Sustainable Transportation and Logistics, 2013 – 2017

EDUCATION

Whitman School of Management, Syracuse University, Syracuse, NY

Doctor of Philosophy in Operations Management, 2003 (Advisor: Scott Webster)

L.C. Smith School of Engineering & Computer Science, Syracuse University

Master of Science in Computer Engineering, 2001

School of Mechanical Engineering, Tongji University, Shanghai, China

Bachelor of Engineering in Mechanical Engineering, 1996

HONORS & AWARDS

- *Decision Sciences* Best Article Finalist Award in 2007
- Syracuse University Graduate School Doctoral Prize Award, 2003
- Syracuse University Graduate School Fellowship, 1999
- Syracuse University Teaching Fellowship, 2002 – 2003
- Syracuse University Teaching Assistantship, 1998 – 2002
- Tongji University Merit Scholarship, 1991 – 1996

RESEARCH GRANTS

- SUNY Buffalo School of Management Summer Research Grant, 2006- 2019
- SUNY Buffalo School of Management Small Research Grant, 2005- 2007, 2012-2014
- Syracuse University Center for Digital Ventures Summer Research Grant, 2000
- Syracuse University Brethen Institute Summer Research Grant, 1999- 2003

RESEARCH INTERESTS

- Supply Chain Incentives & Coordination
- Behavioral Operations Management
- Sustainable Operations
- Supply Chain Analytics

RESEARCH IMPACT

Total Citations from Google Scholar = **1,432** (as of July 2020)

RESEARCH PUBLICATIONS

1. Wang, C. (2002). A general framework of supply chain contract models. *Supply Chain Management: An International Journal* 7(5), 302-310.
2. Wang, C. and M. Benaroch (2004). Supply chain coordination in buyer centric B2B electronic markets. *International Journal of Production Economics* 92(2), 113-124.
 - **Top 25 hottest articles published in IJPE in 10/2004-12/2004 (10th)**
3. Wang, C. and S. Webster (2007). Channel coordination for a supply chain with a risk-neutral manufacturer and a loss-averse retailer. *Decision Sciences* 38(3), 361-389.
 - **Featured Article**
 - **Decision Sciences Best Article Finalist Award in 2007**
 - **Decision Sciences Top 100 most cited articles in 2002-2012 (68th)**
4. Wang, C. and S. Webster (2009). The loss-averse newsvendor problem. *Omega* 37(1), 93-105.
 - **Omega most cited articles published in 2009-2014 (1st)**
5. Wang, C. (2009). Random yield and uncertain demand in decentralized supply chains under the traditional and VMI arrangements. *International Journal of Production Research* 47(7), 1955-1968.
6. Wang, C., S. Webster, and N.C. Suresh (2009). Would a risk-averse newsvendor order less at a higher selling price? *European Journal of Operational Research* 196(2), 544-553.
7. Wang, C. and S. Webster (2009). Markdown money contracts for perishable goods with clearance pricing. *European Journal of Operational Research* 196(3), 1113-1122.
8. Wang, C. (2010). The loss-averse newsvendor game. *International Journal of Production Economics* 124(2), 448-452.
9. Wang, C., S. Webster, and S. Zhang (2011). A comparison of two sourcing tactics for a new component. *European Journal of Operational Research* 211(2), 310-317.
10. Wang, C., S. Webster, and S. Zhang (2012). Newsvendor models with alternative risk preferences within expected utility theory and prospect theory frameworks. In: T.M. Choi (Ed.), *Handbook of Newsvendor Problem: Models, Extensions, and Applications* NY: Springer, 177-196.
11. Wang, C., S. Webster, and S. Zhang (2014). Robust price-setting newsvendor model with interval market size and consumer willingness-to-pay. *International Journal of Production Economics* 154, 100-112.

12. Chuang, C., C. Wang, and Y. Zhao (2014). Closed-loop supply chain models for a high-tech product under alternative reverse channel and collection cost structures. *International Journal of Production Economics* 156, 108-123.
13. Wang, C., Z. Qian, and Y. Zhao (2018). Impact of Manufacturer and Retailer's Market Pricing Power on Customer Satisfaction Incentives in Supply Chains. *International Journal of Production Economics* 205, 98-112.
14. Fahimnia, B., M. Pournader, E. Siemsen, E. Bendoly, and C. Wang (2019). Behavioral operations and supply chain management – A review and literature mapping. *Decision Sciences* 50 (6), 1127-1183.

➤ **Lead Article**

PAPERS UNDER REVIEW

15. Gu, F., C. Wang, and Y. Zhao (2018). Long-term performance of supplier versus customer in dyadic supply chains: An empirical examination. Under Revision for *Journal of Operations Management*.
16. Ajmal, K., N.C. Suresh, and C.X. Wang (2020). Understanding the Impact of Emerging Technologies on Sustainable Supply Chain Management: A Literature Review and Cross-Case Analysis. Under Review for *Production and Operations Management* since May 2020.

WORKING PAPERS

17. Qian, Z. and C. Wang (2020). Impacts of product and international diversification strategies on inventory performance. To be submitted to *Production and Operations Management* in Summer 2020.
18. Qian, Z., C. Wang, and Y. Li (2020). When do firms expand product scope? The interaction effects of target market uncertainty and firm resources. To be submitted to *Journal of Operations Management* in Fall 2020.
19. Zhao, Y., C. Wang, and F. Gu (2020). Performance spillover effects of accounting restatement announcements in dyadic supply chains: Are they always negative? To be submitted to *Production and Operations Management* in Fall 2020.

TEACHING

School of Management, SUNY Buffalo, Buffalo, NY

- Operations Analytics (Undergraduate course), Spring 2019- present
- Supply Chain Analytics (MBA/MS course), Fall 2018- present
- Supply Chain Modeling, Design, and Optimization (MBA/MS course), Fall 2008- Fall 2017
- Seminar in Operations Management (PhD course), 2009- 2017
- Supply Chain Management Integrative Project (MS course), Spring 2011- Spring 2017
- Operations and Service Management (Daytime MBA core course), Spring 2004 – 2010
- Production and Inventory Control (MBA/MS course, SAP platform), Fall 2004 – 2010; Fall 2018

Whitman School of Management, Syracuse University, Syracuse, NY

- Introduction to Supply Chain Management (Undergraduate core course)
- Introduction to Information Systems for Managers (undergraduate course)

DOCTORAL STUDENTS (AT SUNY BUFFALO)

Dissertation Advisors

- Khadija Ajmal (Ph.D. in Operations Management), current
- Zhuang Qian (Ph.D. in Operations Management), graduated in 2018 (took position at Penn State University Worthington Scranton, PA)
- Imsu Park (Ph.D. in Operations Management), graduated in 2015 (took position at Samsung Economic Research Institute, South Korea)
- Yabing Zhao (Ph.D. in Operations Management), graduated in 2015 (took position at San Francisco State University, CA)

Dissertation Committee Members

- Jiajia Qu (Ph.D. in Management Science and Systems), current
- Sreejith Krishnakumar (Ph.D. in Operations Management), current
- Zhasmina Tacheva (Ph.D. in Operations Management), graduated in 2020 (took position at Syracuse University, NY)
- Pavankumar Mulgund (Ph.D. in Management Science and Systems), graduated in 2020 (took position at University at Buffalo, NY)
- Behzad Zahiri (Ph.D. in Operations Management), graduated in 2019 (took position at Norfolk Southern Corp., VA)
- Juehui Shi (Ph.D. in Strategy), graduated in 2019 (took position at Angelo State University, TX)
- Torsten Doering (Ph.D. in Operations Management), graduated in 2017 (took position at Daemon College, NY)
- Sunhwan Gwon (Ph.D. in Strategy), graduated in 2017 (took position at Natural Agricultural Cooperative Federation, South Korea)
- Dennis Jamrose (Ph.D. in Operations Management), graduated in 2017 (took position at Missouri State University, MO)
- Victoria Kisekka (Ph.D. in Management Science and Systems), graduated in 2015 (took position at State University of New York at Albany, NY)
- Sima Fortsch (Ph.D. in Operations Management), graduated in 2014 (took position at University of Michigan, Flint, MI)
- Ilyoung Jung (Ph.D. in Operations Management), graduated in 2014 (took position at Science and Technology Policy Institute, South Korea)
- Chia-Hung Chuang (Ph.D. in Operations Management), graduated in 2012 (took position at University of North Dakota, ND)
- Jeong Hoon Choi (Ph.D. in Operations Management), graduated in 2011 (took position at University of Akron, OH)
- Chung-Yean Chiang (Ph.D. in Operations Management), graduated in 2011 (took position at Georgia Southern University, GA)
- Minkyun Kim (Ph.D. in Operations Management), graduated in 2010 (took position at Korean Business School, South Korea)
- Chung Suk Ryu (Ph.D. in Operations Management), graduated in 2006, (took position at Kookmin University, South Korea)

CONFERENCE PRESENTATIONS (PRESENTER IN BOLD)

- **Qian, Z.** and C.X. Wang. "Association Between Diversification Strategies and Inventory Performance", INFORMS Annual Conference, Seattle, WA, October 2019. (Invited)
- **Wang, C.X.**, I. Park, and M. Wei. "Selling a technology product with the trade-in program and used product market", INFORMS Annual Conference, Phoenix, AZ, November 2018. (Invited)
- **Qian, Z.** and C.X. Wang. "Corporate diversification and inventory management", POMS Annual Conference, Houston, TX, May 2018. (Invited)
- **Wang, C.X.**, Zhao, Y., and F. Gu. "Investigating the performance spillover effects between supplier and customer firms in dyadic supply chains", POMS Annual Conference, Houston, TX, May 2018. (Invited)
- **Zhao, Y.**, C.X. Wang, and F. Gu. "Performance effects of accounting restatements in supply chains", POMS Annual Conference, Seattle, WA, May 2017.
- **Doering, T.**, N.C. Suresh, J. de Jong, and C.X. Wang. "The effects of supply chain integration: The impacts of two competing national culture frameworks", POMS Annual Conference, Seattle, WA, May 2017.
- **Wang, C.X.** and I. Park. "Product innovation and consumers' self-selection behavior", POMS Annual Conference, Seattle, WA, May 2017.
- Tacheva, J. and **C.X. Wang.** "Impact of sustainability initiatives on short-term and long-term firm performance", POMS Annual Conference, Seattle, WA, May 2017.
- **Tacheva, J.**, B. Zahiri, and C.X. Wang. "Building supply network resilience in the face of extreme events", DSI Annual Conference, DC, November 2017.
- I. Park and **CX Wang.** "Managing technology products with the trade-in program and used-product market", POMS Annual Conference, Orlando, FL, May 2016.
- **Z. Tacheva** and CX Wang. "The profitability paradox of sustainability practices: why sometimes more is less", POMS Annual Conference, Orlando, FL, May 2016.
- J. Ru and **CX Wang.** "Mental accounting and payment schemes in manufacturer's returns policies", INFORMS Annual Meeting, Philadelphia, PA, November 2015
- **Y. Zhao**, F. Gu, and CX Wang. "Association between supplier and buyer performance: An empirical investigation", DSI Annual Conference, Tampa, FL, November 2014.
- **Y. Zhao**, J. Zhuang, J. Ru, and CX Wang. "Transshipment between two retailers under demand disruption risk", POMS Annual Conference, Atlanta, GA, May 2014.
- **C. Chuang**, CX Wang, and Y. Zhao. "Closed-Loop supply chain models under alternative reverse channel and collection cost structures", POMS Annual Conference, Denver, CO, May 2013.
- **C. Chuang**, CX Wang, and Y. Zhao. "Closed-Loop supply chain models under alternative reverse channel and collection cost structures", DSI Annual Conference, San Francisco, CA, November 2012.
- **C. Chuang**, CX Wang, and Y. Zhao. "Closed-Loop supply chain design for a high-tech product", INFORMS Annual Conference, Phoenix, AZ, October 2012.
- **CX Wang.** "Optimal Order and Effort Decisions in the Newsvendor Model," INFORMS Annual Meeting, San Diego, CA, October 2009.

- CX Wang, **S. Webster**, and S. Zhang. "Ordering and Pricing a Fashion Product to Minimize Regret," POMS Annual Meeting, La Jolla, CA, May 2008.
- CX Wang, **S. Webster**, and S. Zhang. "Ordering and Pricing a Fashion Product to Minimize Regret," MSOM Annual Meeting, University of Maryland, College Park, MD, June 2008.
- **CX Wang** and S. Webster. "Markdown Money Contracts for Perishable Goods with Clearance Pricing," DSI Annual Conference, Phoenix, AZ, November 2007.
- **CX Wang** and S. Webster. "The Loss-Averse Newsvendor Problem," INFORMS Annual Meeting, Pittsburg, PA, November 2006.
- **CX Wang**. "Random Yield and Uncertain Demand in Decentralized Supply Chains under RMI and VMI Partnerships," INFORMS Annual Meeting, San Francisco, CA, November 2005.
- **CX Wang**. "A General Framework of Supply Chain Contract Models," DSI Annual Conference, San Diego, CA, November 2002.
- **CX Wang**. "Supply Chain Coordination under Random Yield and Uncertain Demand," INFORMS Annual Meeting, Miami Beach, FL, November 2001.
- **CX Wang** and M. Benaroch. "Supply Chain Coordination in B2B Electronic Marketplaces," DSI Annual Conference, San Francisco, CA, November 2001.
- **CX Wang**. "Supply Chain Coordination When Demand is Lead-Time-Dependent," DSI Annual Conference, San Francisco, CA, November 2001.

SESSION CHAIRS

- INFORMS Annual Conference, 2012, 2018
- POMS Annual Conference, 2017, 2018
- DSI Annual Conference, 2001, 2007

PROFESSIONAL SERVICES AND COMMITTEES

- POMS Library Promotion Committee, 2006
- DSI International Affairs Committee, 2007 – 2009

EXTERNAL TENURE REVIEWS

- University of Louisville (2017)
- Singapore Management University (2017)
- University of Vermont (2018)

INVITED TALKS AND DISCUSSANT

- Tongji University, 2016
- Discussant, Workshop on Information Intensive Services, University of Rochester, 2007, 2008, 2009, 2013, 2015
- School of Business and Economics, Wilfrid Laurier University, 2005
- Schulich School of Business, York University, 2003

ASSOCIATE EDITOR

- Decision Sciences, 08/2015 – 11/2017

AD HOC REVIEWERS

- Management Science
- Production and Operations Management
- IIE Transactions
- Decision Sciences
- European Journal of Operational Research
- International Journal of Production Economics
- International Journal of Production Research
- International Journal of Research in Marketing
- Omega
- Annals of Operations Research
- Computers & Industrial Engineering
- IEEE Transactions on Engineering Management
- Transportation Research Part E: Logistics and Transportation Review
- Economic Letters
- Journal of Purchasing and Supply Management

UNIVERSITY SERVICES (AT SUNY Buffalo)

- Co-director, M.S. in Operations and Supply Chain Management Program, 2019- present
- Director, M.S. in Supply Chains and Operations Management Program, 2013- 2018
- Coordinator, M.S. in Sustainable Transportation and Logistics Program, 2013 – 2017
- Admission Committee Member, Ph.D. in Supply Chains and Operations Management, 2009-2017
- Admission Committee Member, M.S. in Sustainable Transportation and Logistics, Spring 2017
- Member, School of Management Assurance of Learning Committee, Spring 2017- present
- Member, School of Management Big Data/Business analytics working group, Fall 2015
- School of Management MBA/MS Program Committee, 2006 - Present
 - Subcommittee for MBA and MS Student Achievement Award, 2007- 2009, 2012- 2016
 - Subcommittee for Sustainability & Social Responsibility Curriculum, 2009
- School of Management Policy Committee, 2007-2009, 2016-2018
- School of Management Research Impact Group, Spring 2014
- Operations Management Faculty Position Search Committee, 2008, 2010, 2013, 2014, 2018
- School of Management Personnel Action Committee, 2010 – 2012; 2017-2019
- School of Management Undergraduate Program Committee, 2005-2006
- Supply Chains and Operations Management Student Club Faculty Coordinator, 2006-2011