

# Lan Wang

Department of Management, 25800 Carlos Bee Blvd., Hayward, CA 94542-3069

## EDUCATION

University of Florida, Gainesville, FL, USA Ph.D. in Business Administration (Operations Management)	08/2014
Tsinghua University, Beijing, China B.E. in Industrial Engineering	07/2009

## RESEARCH INTEREST

I am broadly interested in the application of analytical modeling and empirical analysis to strategic, tactical, and operational business functions, such as: sustainability analysis, data analytics, supply chain management, pricing & revenue management, etc.

## ACADEMIC POSITIONS

<i>Assistant Professor</i> , California State University at East Bay	08/2014 - Present
<i>Graduate Assistant</i> , Warrington College of Business Administration	2009 – 2014

## RESEARCH ACTIVITIES

### **Refereed Journal Publications**

Vakharia, A.J. and **L. Wang**, “Uniform vs Retailer-Specific Pricing: Incentive Alignment to enhance Supply Chain Efficiency,” *Production and Operations Management*, 23 (7), 2014, 1176 – 1182.

**Wang, L.** and Z. Rodvinsky, “Analysis of Capacity Constrained Resource with Parallel Processes,” *Journal of Supply Chain and Operations Management*, 14(1), 2016, 51 – 68.

**Wang, L.**, Cai, G. G., Tsay, A. A., and Vakharia, A. J., “Design of the reverse channel for remanufacturing: Must profit-maximization harm the environment?” *Production and Operations Management* 26, no. 8 (2017): 1585-1603.

**Wang, L.** and Z. Rodvinsky, “Reverse Logistics Network Design – Location of Retail Refurbishing Centers,” *Journal of Supply Chain and Operations Management*, 15(1), 2017.

Li, K., **L. Wang**, D. Chhajed, and S. Mallik. "The Impact of Quality Perception and Consumer Valuation Change on Manufacturer's Optimal Warranty, Pricing, and Market Coverage Strategies." *Decision Sciences* (2018).

### **Book Chapter (Refereed)**

Turken, N., Y. Tan, A.J. Vakharia, A. J., **L. Wang**, R. Wang, A. Yenipazarli, "[The multi-product newsvendor problem: review, extensions, and directions for future research](#)," Chapter 1 in the *Handbook of newsvendor problems* 3--39, Springer, New York, 2012.

Rahapakshe, T., A. J. Vakharia, **L. Wang**, and A. Yenipazarli, "[Sustainable Operations](#)", *Routledge Companion for Production and Operations Management*, Routledge, 2017.

## Conference Presentations & Proceedings

Vakharia, A.J., and **L. Wang**, "Wholesale Pricing in Decentralized Capacitated Supply Chains: Uniform vs Retailer-Specific Pricing," presented at the DSI Annual meeting, Boston, November 2011 (also published in the DSI Proceedings for the same conference, pp.2691-2696).

**Wang, L.**, T. Rajapakshe, D. Rajamani, and A.J. Vakharia, "Impact of Product Life Cycle on Reverse Channel Design and Remanufacturing Strategies," presented at the POMS National Conference, Denver, CO, May 2012 (invited presentation).

**Wang, L.**, G. Cai, A. Tsay, and A.J. Vakharia, "The Environmental Impact of In-house and Outsourced Remanufacturing," presented at the INFORMS National Meeting, Minneapolis, MN, October 2013.

**Wang, L.**, G. Cai, A. Tsay, and A.J. Vakharia, "The Environmental Impact of In-house and Outsourced Remanufacturing," presented at the POMS Annual meeting, Atlanta, GA, May 2014.

**Wang, L.**, T. Rajapakshe, and A.J. Vakharia, "The role of social planner in reverse Supply Chain," presented at the POMS Annual Conference, Washington, DC, May 2015 (invited presentation).

**Wang, L.** and Z. Radovilsky, "Analysis of Capacity Constrained Resource with Parallel Processes," presented at 28<sup>th</sup> CSU-POM Annual Conference, San Francisco, CA, February 2016.

**Wang, L.**, G. Cai, A. Tsay, and A.J. Vakharia, "Reverse Channel Design: Must Profit Maximization Harm the Environment," presented at the Indian School of Business, Hyderabad, India, September 2016.

**Wang, L.**, T. Rajapakshe, and A.J. Vakharia, "Evaluation of Alternative Product Disposal Legislations," presented at the INFORMS Annual Conference, Nashville, TN, November 2016.

**Wang, L.**, Cai, G., Tsay, A. and Vaharia, A., 2015. Reverse Channel Design: Profitability vs. Environmental Benefits. In Sustainability in Logistics and Supply Chain Management: New Designs and Strategies. *Proceedings of the Hamburg International Conference of Logistics (HICL)*, Vol. 21 (pp. 153-181). Berlin: epubli GmbH.

**Wang, L.** and Z. Radovilsky, "Reverse Logistics Network Design – Location of Retail Refurbishing Centers," presented at 29<sup>th</sup> CSU-POM Annual Conference, Pomona, CA, February 2017.

**Wang, L.**, H. Guo, X. Zhao, and G. Shang, "Product-Return-Based Price Discrimination and Return Policies," presented at the POMS Annual Conference, Bellevue, WA, May 2017(invited presentation).

**Wang, L.**, T. Rajapakshe, and A.J. Vakharia, "Environmental Legislations: A strategic analysis of Producer Pays vs Anticipatory Protection practices," presented at the CSU-POM Annual Conference, Hayward, CA, Mar 2018.

Li, K., **L. Wang**, D. Chhajed, and S. Mallik. "The Impact of Quality Perception and Consumer Valuation Change on Manufacturer's Optimal Warranty, Pricing, and Market Coverage Strategies," presented at the POM Annual Conference, Washington, DC, May 2019.

## **TEACHING EXPERIENCE**

University of Florida, Warrington College of Business Administration (2012 – 2014)

- Undergrad senior core course: Business System Analysis and Design
- Undergrad senior core course: Managerial Operations Analysis I

California State University at East Bay, College of Business and Economics (2014 – present)

- Undergrad senior core course: Decision Science
- Undergrad senior core course (both online and on-ground): Introduction to Operations Management
- Undergrad senior elective course (both online and on-ground): Supply Chain Data Analytics
- MBA core course: Operations and Supply Chain Management
- Undergrad senior elective course: Supply Management and E-Commerce
- MSBA(Business Analytics) core course: Data Analytics with Python

## **SERVICE AND AFFILIATIONS**

### **Professional Service**

Session Chair:

- POMS Annual Conference, Washington, DC, May 2015

Journal Referee Activities:

- *International Journal of Production Research*
- *Journal of Industrial and Management Operations*
- *Journal of Supply Chain and Operations Management (2015-2018)*
- *Omega: The International Journal of Management Science (2017)*
- *Electronic Commerce Research and Applications (2018)*
- *Journal of Cleaner Production (2019)*
- *Journal of the Operational Research Society (2020)*

### **Memberships**

The Institute of Operations Research and Management Science (INFORMS)

Production and Operations Management Society (POMS)

Decision Sciences Institute (DSI)

Consortium of Supply Chain & Operations Management (CSUPOM)

## **HONORS, AWARDS & GRANT**

CSUEB Marv Remmich Research Award	2020
Management Faculty Summer Research Grant	2019
CSUEB Faculty Support Grant – Mini Grant	2017-2018
Alan Khade Best Paper Award, 29 <sup>th</sup> Annual CSUPOM Conference	2017
China America Business and Education Center Research Support Grant, CSU East Bay	2017
Summer Research Grant, CSU East Bay	2015-2016
Alpha Iota Delta International Decision Sciences Honorary, University of Florida	2014
Alumni Scholarship, Warrington College of Business Administration, University of Florida	2009 – 2014
Graduate Student Council Travel Grant, University of Florida	2013
Excellence Prize in Academics, Tsinghua University	2007
Foxconn Scholarship, IE Department, Tsinghua University	2006
Second Prize Winner, National Olympic Mathematics Competition, China	2004
Selected to make the final speech in the Sino-Japanese Friendship Activities Program, Japan	2003

## **OTHER PROFESSIONAL EXPERIENCE**

- Supply Chain Consultant*, Chick-fil-A, Inc., Atlanta, GA Summer 2012
- Developed new business processes and technology practices that better meet the needs of the business.
  - Analyzed the historical sales data and developed a demand-forecasting model for LTO, which can be updated continuously by the latest data, leading to 30% disposition cost reduction.
- Research Associate*, Project founded by Siemens, Tsinghua University 2008 – 2009
- Interviewed successful entrepreneurs to explore problems of business process design in related industrial sectors.
  - Planned and organized the annual meeting of the Enterprise Advisory Committee.
- IE/GK Engineering Intern*, Nissan Manufacturing, Guangzhou Summer 2008
- Developed an automatic KIT distribution system for the entire assembly plant, and designed an integrated method for layout of the material handling area, which received high praise from the IE/GK manager.
  - Increased the Capacity Utilization by 16% and decreased the cost by \$210,000 annually

## **MISCELLANEOUS**

Language: English, Chinese