

# Lan (Vicky) Luo

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## Education

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### Ph.D. in Operations Management

Washington State University, Carson College of Business  
*Dissertation: "Supply Chain Stress"*  
*Advisor: Chuck Munson*

*Expected May 2019*

Pullman, WA, USA

### M.Sc. in E-Commerce and Logistics Technologies

Chinese University of Hong Kong, School of Engineering

*November 2013*

Hong Kong, China

### B.A. in Economics

University of International Business and Economics, School of International Trade

*July 2012*

Beijing, China

### B.A. in International Economic Law (Dual Degree)

University of International Business and Economics, School of Law

*July 2012*

Beijing, China

## Research

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### Working Papers

**Luo, Lan** and Charles L. Munson, "A Dice Game Computer Simulation for Large Classes", Under Submission: *Decision Sciences Journal of Innovative Education*

- *Scheduled to present at DSI 2018 Annual Meeting*

**Luo, Lan** and Charles L. Munson, "Developing a Supply Chain Stress Test", Target Journal: *Production and Operations Management*

- *Presented at POMS 2016 Annual Meeting*

### Working Progress

**Luo, Lan** and Charles L. Munson, "The Impact of Heavy-Tailed Demand Distributions on Quantity and Pricing Decisions When Facing Quantity Discounts", Target Journal: *European Journal of Operational Research*

- *Presented at POMS 2017 Annual Meeting*

Chen, Yinfei, Steve Liu, Dallin M. Alldredge and **Lan Luo**, "The Wealth Effect of Bond Rating Changes along the Supply Chain", Target Journal: *Decision Sciences*

**Luo, Lan** and Lizao Zhang, “Robust Structural Equations for CVRP Pricing”, Target Journal: *European Journal of Operational Research*

- *Scheduled to present at DSI 2018 Annual Meeting*

**Luo, Lan** and Charles L. Munson, “Supply Chain Risk Management: A Literature Review on Risk Modeling and Mitigation”, Target Journal: *International Journal of Production Research*

### **Research Interests**

Supply Chain Management, Supply Chain Risk Management, Supply Chain/Finance Interface, Pricing, Network Optimization, Quantity Discounts, Inventory and Capacity Management, Business Analytics

## **Teaching Experience and Training**

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### **Instructor** (Full course responsibility)

- MGTOP 470 - BUSINESS MODELING WITH SPREADSHEETS *Fall 2018*  
*Class Size: 42*  
*Course Description: Use of advanced spreadsheet tools and Visual Basic programming to build and analyze mathematical models of business problems.*
- MGTOP 340 - OPERATIONS MANAGEMENT *Spring 2017 and Summer 2016*  
*Average Teaching Evaluation Score: 4.18/5.00*  
*Class Size: 16,70*  
*Course Description: Management of operations, emphasizing production planning, inventory control, scheduling, forecasting, quality management, supply chain management, and facility layout and location. This course is a core course within the Bachelor of Arts in Business Administration degree program.*

### **Section Instructor** (Semi-weekly lecturing)

- MGTOP 340 - OPERATIONS MANAGEMENT (ONLINE) *Summer 2018*  
*Course Description: Lecturing operations management course through webinars. Placing emphasis on project management, production planning, inventory control, scheduling, forecasting, quality management, supply chain management, and facility layout and location.*
- MGTOP 215 - BUSINESS STATISTICS *Summer 2017*  
*Teaching Evaluation Score: 4.64/5.00*  
*Course Description: Data visualization and descriptive statistical measures, basic probability concepts, probability distribution, estimation, simple statistical inference, and linear regression as applied to business and economics. This course is a core course within the Bachelor of Arts in Business Administration degree.*

## Teaching Assistant

- MGTOP 470 - BUSINESS MODELING WITH SPREADSHEETS *Spring 2018, Fall 2017,  
Fall 2016, Spring 2016  
and Fall 2015*
- MGTOP 340 - OPERATIONS MANAGEMENT *Fall 2016 and Fall 2015*
- MGTOP 215 - BUSINESS STATISTICS *Spring 2015 and Fall 2014*

## Teacher Training

- BA - 596 Ph.D. Course in Management Teaching (3 credits) *2016*
- Teaching Workshops, Washington State University *2016 and 2015*

## Professional Activities and Memberships

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### Ad-Hoc Referee

- Production and Operations Management

### Continuing Education

- POMS Doctoral Consortium Participant, POMS 2017 Annual Conference, Seattle
- DSI Doctoral Consortium Participant, DSI 2015 Annual Conference, Seattle
- INFORMS Doctoral Student Colloquium, INFORMS 2018 Annual Conference, Phoenix

### Professional Memberships

- Production and Operations Management Society (POMS)
- Manufacturing and Service Operations Management Society (MSOM)
- Institute for Operations Research and the Management Sciences (INFORMS)
- Decision Sciences Institute (DSI)
- American Production and Inventory Control Society (APICS)

## Honors and Awards

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- Dean's List of Engineering School** *2014*  
Chinese University of Hong Kong
- Outstanding M.Sc. Graduate Award 2013- Golden Award** *2013*  
Chinese University of Hong Kong
- Outstanding Graduates of Beijing** *2012*  
University of Business and International Economics

## Industry Experience

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### Consulting Project

**Luo, Lan**, “Staffing Level Forecast Study- Prepared for the Jefferson County Sheriff’s Office”

- *Helped Jefferson county sheriff’s office optimize staffing levels to ensure on time response to 9-1-1 calls*

### Internships

- Data Analyst, Company Financial Headquarters, Bank of China *January-April, 2012  
Beijing, China*
- Business Analyst, Zurich Insurance Group *August, 2010  
Hong Kong, China*
- Business Analyst, Industrial and Commercial Bank of China *July-August, 2009  
Yingkou, China*

## Languages

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**English** - full professional proficiency

**Mandarin Chinese** - native

## Volunteer

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**Accompanying children with cochlear implants** *2011*  
University of Business and International Economics

**Teaching children with intellectual disabilities** *2010*  
Beijing Disabled Persons' Federation

**Teaching left-behind children whose parents are migrant workers** *2009*  
University of Business and International Economics