

# Chen (Chester) Xiang

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<b>Education</b>	2003 - 2008	Carnegie Mellon University	Pittsburgh, PA
	<b>Ph.D. in Manufacturing and Operations Systems</b>		
	Research Topic: "Global capacity investment strategies for multinational corporations facing stochastic demand and exchange rates."		
	Dissertation committee: Bahar Biller (Chair), Laurens Debo, Sunder Kekre, Alan Scheller-Wolf, and R Ravi <i>Major:</i> Operations Management <i>Minors:</i> Economics		
	2001 – 2003	Carnegie Mellon University	Pittsburgh, PA
	<b>Master of Science in Manufacturing and Operations Systems</b>		
	1992 - 1997	Tsinghua University	Beijing, China
	<b>Bachelor of Science in Automotive Engineering</b>		
	Senior Project: "Mapping experiment for electronically controlled diesel engine."		
<b>Teaching Experience</b>	8/07 - Present	Clarkson University	Potsdam, NY
	<b>Assistant Professor</b>		
	<ul style="list-style-type: none"><li>▪ EM/OM331: <i>Production and Supply Chain Management</i></li><li>▪ EM/OM341: <i>Supply Chain Design and Management</i></li><li>▪ SB696: <i>Global Business Strategy</i></li><li>▪ SB580: <i>Pre-MBA Module: Operations and Production Management</i></li><li>▪ SB441: <i>Advanced Topics in Global Supply Chain Management</i></li><li>▪ SB641: <i>Advanced Global Supply Chain Management: Simulation and Analysis</i></li><li>▪ SB682: <i>Logistics Strategy</i></li><li>▪ EM/SB381: <i>Logistics Management</i></li></ul>		
	6/04 - 8/04	Carnegie Mellon University	Pittsburgh, PA
	<b>Instructor</b>		
	<ul style="list-style-type: none"><li>▪ Course 70-371: <i>Production</i></li></ul>		
	1/02 - 5/06	Carnegie Mellon University	Pittsburgh, PA
	<b>Teaching Assistant</b>		
	<ul style="list-style-type: none"><li>▪ Courses: <i>Production and Operations Management, Operations Revenue Management, Quality Design and Analysis, Simulation Modeling for Production Systems, Manufacturing Strategy, Just-In-Time Production Systems, Production, Logistics and Supply Chain Management.</i></li><li>▪ MBA Project Course with PPG Industries, Inc.: <i>Global Resin Sourcing Optimization for Global Coating Products.</i></li></ul>		
<b>Professional Experience</b>	1997 – 2001	Ford Motor China Ltd.	Beijing, China
	<b>Production Systems Engineer (1999 – 2001)</b>		
	<b>Manufacturing Engineer/Technical Translator (1997 – 1999)</b>		

## **Research Papers**

- R. Zhang and Xiang, C (2018). "Polynomial algorithm of inventory model with complete backordering and correlated demand caused by cross-selling", *International Journal of Production Economics*, May, 2018.
- D. Yu and Xiang, C (2016). "A Manufacturer's Production and Pricing Strategies with a Salvage Channel", *International Journal of Production Research*, April, 2016.
- D. Yu and Xiang, C (2013). "Incentives and reverse logistics channels in a closed-loop supply chain with remanufacturing". Working Paper.
- Xiang, C. and B. Biller (2012). "Investment drivers in global manufacturing network with non-modular processes." Working Paper.
- Biller, B. and C. Xiang (2011). "The flexible capacity investment strategy of a global firm." Working Paper.
- Biller, B. and C. Xiang (2012). "Global capacity investment strategies for product variants." Working Paper.
- D. Yu and C. Xiang. "Evaluating the Impact of Pricing and Demand Uncertainty on Optimal Investment Strategies for Flexible Resources". Work in progress
- Xiang, C. and B. Biller. "Extending the principles on the benefits of manufacturing flexibility to global supply chains." Work in progress.
- Xiang, C. "Distribution Channel Strategies for Product with Short Life Cycle." Work in progress.
- Xiang, C. "Distributional Strategies of Digital Goods: An Empirical Examination of Motion Pictures Industry Between 1990 and 2004." Work in progress.

## **Presentations**

- C.Xiang (Nov 2018) "Introduction to Supply Chain Management and Blockchain Technology", invited lecture to Clarkson CS 566, Potsdam, NY.
- C.Xiang and Biller, B. (May 2013) "Global capacity investment strategies for product variants with non-modular processes." POMS Annual Conference, Denver, CO.
- C.Xiang and Biller, B. (Nov 2012) "Global capacity investment strategies for product variants." DSI Annual Conference, San Francisco, CA.
- C.Xiang and Yu, D. (Nov 2011) "Capacity Investment Strategy with a Salvage Channel". DSI Annual Conference, Boston, MA.
- Yu, D. and C. Xiang (Nov 2011) "Incentives and reverse logistics channels in a closed-loop supply chain with remanufacturing". INFORMS conference, Charlotte, NC.
- C. Xiang and Yu, D. (Nov 2010) "Incentives and reverse logistics channels in a closed-loop supply chain with remanufacturing". INFORMS conference, Austin, TX.

C. Xiang and Yu, D. (May 2010) “The effect of salvage channel structure on pricing and capacity investment strategies”. POMS Conference, Vancouver, BC, Canada

Yu, D. and C. Xiang (Oct 2009). “Evaluating the Impact of Salvage Channel Structure on Capacity Investment Decision”. INFORMS conference, San Diego, CA.

Yu, D. and C. Xiang (May 2009). “Evaluating the Impact of Pricing and Demand Uncertainty on Optimal Investment Strategies for Flexible Resources”. POMS Conference, Orlando, FL.

Xiang, C. and B. Biller (Nov 2007). “Characterization of a Capacity Investment Strategy for a Global Firm.” INFORMS Conference, Seattle, Washington.

Xiang, C. and B. Biller (Nov 2006). “Global capacity investment strategies for product variants.” INFORMS Conference, Pittsburgh, Pennsylvania.

Xiang, C. and B. Biller (Nov 2005). “On the structure of the global capacity investment decisions for product variants.” INFORMS Conference, San Francisco, California.

Xiang, C. and B. Biller (Oct 2004). “Determining the optimal manufacturing footprint when local tastes and exchange rate fluctuations matter” INFORMS Conference, Denver, Colorado.

Biller, B and C. Xiang (Jun 2004). “Investment drivers in global supply chains” Multi-Echelon/MSOM Conference, Eindhoven, Netherlands.

## **Development Programs**

11/16/2019 Potsdam, NY

### **Participant, *Teaching Gen Z's***

- Attended workshop on teaching and advising Gen Z students.

03/2019 – 04/2019 Potsdam, NY

### **Certificate, *Applying the QM Rubric (APPQMR)***

- Complete 30+ hours training on using QM Rubric to improve online course design and teaching.

11/3/06 – 11/4/06 Pittsburgh, PA

### **Participant, *INFORMS Future Academician Colloquium***

- Attended sessions dedicated to new directions in OR/MS with the objective of developing research and education programs and planning career in academia.

08/21/06 – 08/22/06 Pittsburgh, PA

### **Participant, *Integrated Finance and Operations Management Workshop***

- Attended sessions promoting the interdisciplinary research in the interface of finance and operations management.

09/15/05 – 09/17/05 West Lafayette, IN

### **Participant, *Ph.D. Consortium Meeting on International Operations Management***

- Attended seminars promoting research and teaching of international issues related to operations management.

**Awards**

- Clarkson University MBA Teaching Award (2017)
- Clarkson University MBA Teaching Award (2015)
- Clarkson University School of Business Supply Chain Management Summer Research Grant (2010)
- Clarkson University School of Business Supply Chain Management Summer Research Grant (2009)
- Clarkson University School of Business Supply Chain Management Summer Research Grant (2008)
- Supported by NSF research grant, DMI 0547405 (06/2006 – 06/2007)
- Recipient of graduate scholarship, Carnegie Mellon University (2001 - 2004)
- Recipient of Tsinghua scholarship, Tsinghua University (1995).

**Professional Memberships**

- Institute for Operations Research and the Management Sciences (INFORMS)
- Manufacturing and Service Operations Management Society
- Production and Operations Management Society

**Review Activities**

- Ad hoc reviewer, *Production and Operations Management*
- Ad hoc reviewer, *International Journal of Production Research*
- Ad hoc reviewer, *International Journal of Production Economics*
- Ad hoc reviewer, *Journal of Management and Engineering Integration*
- Ad hoc reviewer: *Decision Sciences*
- Ad hoc reviewer, *Proceedings of Decision Science Institute Annual Conference*

**Service Activities**

- Board Member, Cerebral Palsy Association of the North Country/Community Health Center of the North Country
- Undergraduate Policy Committee, School of Business, Clarkson University
- Faculty Secretary, School of Business, Clarkson University
- Graduate Admission Committee, School of Business, Clarkson University
- Committee on Committees, School of Business, Clarkson University
- Strategic Planning Committee, School of Business, Clarkson University
- Hiring Committee, Health Care Management program, Clarkson University