

Chen (Chester) Xiang

Education	2003 - 2008	Carnegie Mellon University	Pittsburgh, PA
	Ph.D. in Manufacturing and Operations Systems		
	Dissertation: "Global capacity investment strategies for multinational corporations facing stochastic demand and exchange rates."		
	2001 – 2003	Carnegie Mellon University	Pittsburgh, PA
	Master of Science in Manufacturing and Operations Systems		
	1992 - 1997	Tsinghua University	Beijing, China
	Bachelor of Science in Automotive Engineering		
	Senior Project: "Mapping experiment for electronically controlled diesel engine."		
Teaching Experience	08/2007 - Present	Clarkson University	Potsdam, NY
	Assistant Professor		
	<ul style="list-style-type: none"> ▪ EM/OM331: <i>Operations and Supply Chain Management</i> ▪ EM/OM341: <i>Supply Chain Design and Management</i> ▪ EM/SB381: <i>Logistics Management</i> ▪ SB441: <i>Advanced Topics in Global Supply Chain Management</i> ▪ SB580: <i>Operations and Production Management</i> ▪ SB641: <i>Advanced GSCM: Simulation and Analysis</i> ▪ SB640: <i>Advanced GSCM: Simulation and Analysis</i> ▪ SB682: <i>Logistics Strategy</i> 		
	06/2004 - 08/2004	Carnegie Mellon University	Pittsburgh, PA
	Instructor		
	<ul style="list-style-type: none"> ▪ Course 70-371: <i>Production</i> 		
	01/2002 - 05/2006	Carnegie Mellon University	Pittsburgh, PA
	Teaching Assistant		
	<ul style="list-style-type: none"> ▪ 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> ▪ MBA Consulting Project: <i>Global Resin Sourcing Optimization for Global Coating Products, PPG Industries, Inc.</i> 		
Professional Experience	1997 – 2001	Ford Motor China Ltd.	Beijing, China
	Manufacturing/Production Systems Engineer (1997 – 2001)		
	<ul style="list-style-type: none"> ▪ Developed the layout and manufacturing plan for Ford Motor Chongqing Plant ▪ Led the implementation of the Ford Production System (FPS) in China ▪ Managed engineering management contracts negotiations ▪ Managed die/tooling/checking fixtures procurement project ▪ Developed FPS training program in China and trained 100+ operations managers ▪ Interpret FPS handbooks in the Chinese language 		

- Established the production safety systems in Ford China
- Managed a \$30M minivan CKD (Completely Knocked Down) assembly project

Research Published

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.

Research in Progress

V. Gonela, S. Nandi, J. Zhang, and **Xiang, C** (2023) “Stochastic Optimization of Electricity Production from Solid Waste to Fulfill Electric Vehicle Charging Needs,” Submitted to *Journal of Cleaner Production*.

Xiang, C. (model developing stage), “Production Postponement with Parts Shortage,” *Intended for IJPE*.

R. Li and **Xiang, C.** (data collection stage) “Financial KPIs and Reshoring,” *Intended for Accounting Horizon*.

Xiang, C. and B. Biller (2012). “Investment drivers in global manufacturing network with non-modular processes.” Working Paper.

Biller, B. and **Xiang, C.** (2012). “Global capacity investment strategies for product variants.” Working Paper.

Awards

- Clarkson University, Reh Teaching Award (2022)
- Clarkson University, MBA Teaching Award (2017)
- Clarkson University, MBA Teaching Award (2015)
- Clarkson University, School of Business SCM Summer Research Grant (2010)
- Clarkson University, School of Business SCM Summer Research Grant (2009)
- Clarkson University, School of Business SCM Summer Research Grant (2008)
- Supported by NSF research grant, DMI 0547405 (06/2006 – 06/2007)
- Mellon Scholarship, Carnegie Mellon University (2001 - 2004)
- Tsinghua Class 2 Scholarship, Tsinghua University (1995)

Professional Memberships

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

Review Activities

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

**Service
Activities**

- Treasurer and Board Member, Cerebral Palsy Association of the North Country/Community Health Center of the North Country
- Faculty Secretary, School of Business, Clarkson University
- School/College Level Committees: Undergraduate Policy, Graduate Policy, Graduate Admission, Faculty Governance, Strategic Planning, and multiple Hiring Committees
- University Level: Academic Standard Committee, University Sustainability Committee

**Development
Programs**

01/2022	Online
Certificates, <i>BPI with SAP S/4 HANA, Data Analysis with SAP Analytics Cloud</i>	
11/16/2019	Potsdam, NY
Participant, <i>Teaching Gen Z's</i>	
03/2019 – 04/2019	Potsdam, NY
Certificate, <i>Applying the QM Rubric (APPQMR)</i>	
11/3/06 – 11/4/06	Pittsburgh, PA
Participant, <i>INFORMS Future Academician Colloquium</i>	
08/21/06 – 08/22/06	Pittsburgh, PA
Participant, <i>Integrated Finance and Operations Management Workshop</i>	
09/15/05 – 09/17/05	West Lafayette, IN
Participant, <i>Ph.D. Consortium Meeting on International Operations Management</i>	