

Long Gao

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Research Interests

supply chain management, revenue management, optimization, probability & simulation

Education

- Ph.D. in Business Administration & Operations Research 2002-2007
THE PENNSYLVANIA STATE UNIVERSITY
- M.S. in Engineering Physics 2000-2002
TSINGHUA UNIVERSITY, CHINA
- B.S. in Engineering Physics 1996-2000
TSINGHUA UNIVERSITY, CHINA

Working Experience

- Assistant Professor, AGSM, UC, Riverside July '08-Present
- Assistant Professor, University of Dayton August '07- May '08
- Visiting Scholar, The University of Sydney June '11
- Research Assistant, Penn State University Spring '05- Summer '07

Journal Publications

- "Information Acquisition and Voluntary Disclosure in an Export-Processing System," Long Gao, Z. Li, B. Shou, *Production & Operations Management*, forthcoming, 2013.
- "Managing an Available-to-Promise Assembly System with Dynamic Short-Term Pseudo Order Forecast," Long Gao, Susan Xu, Michael Ball, *Management Science*, Vol. 58, 770-790, 2012.
- "Joint Demand and Capacity Management in a Restaurant System," Johye Hwang, Long Gao, Wooseung Jang, *European Journal of Operations Research*, 207, 465-472, 2010.
- "The Effects of Sharing Upstream Information on Product Rollover," Zhaolin Li, Long Gao, *Production & Operations Management*, Vol. 17, 522-531, 2008.
- "Service Performance Analysis and Improvement for a Ticket Queue With Balking Customers," Susan Xu, Long Gao, Jihong Ou, *Management Science*, Vol. 53, 971-990, 2007.
- "An Architecture Design and Realization of the Industrial CT Visualization System," Long Gao, Zheng Li, *Nuclear Electronics & Detection Technology*, Vol.23, 124-128, 2003.
- "Radiation Physics and Integrity Design of Large Missile CT Inspection System," Long Gao, Zheng Li, *Nuclear Electronics & Detection Technology*, Vol.22, 68-71, 2002.

Recent Presentations

- "Supply Risk Management in an Export-Processing System," *INFORMS Annual Meeting*, Phoenix, October 17, 2012.
- "Dynamic Supply Risk Management," Tsinghua University, July 9, 2012.
- "Managing Supply Disruptions: Procurement Diversification, Demand Rationing and Dynamic Forecast," *INFORMS Annual Meeting*, Charlotte, November 15, 2011.
- "Managing Supply Disruptions: Procurement Diversification, Demand Rationing and Dynamic Forecast," *M&SOM conference*, Ann Arbor, June 27, 2011.
- "Managing an Available-to-Promise Assembly System with Dynamic Short-Term Pseudo Order Forecast," The University of Sydney, June 10, 2011.
- "Managing Supply Disruptions: Procurement Diversification, Demand Rationing and Dynamic Forecast," *POMS conference*, Reno, April 29, 2011.

- “Why Does Venture Capital Performance Persist Over Time? Evidence From A Dynamic Simulation,” with David Porter, Richard Smith, Economics Department, UC Riverside, March 28, 2011.
- “Order Processing in an Available-to-Promise System with Pseudo Orders,” Statistics Department, UC Riverside, March 10, 2010.
- “Matching Supply and Demand in the Presence of Multiclass Suppliers and Customers” *INFORMS Annual Meeting*, San Diego, October 14, 2009.
- “Optimal Load Tendering and Acceptance Policies for Intermodal Freight Transportation,” *M&SOM conference*, Boston, June 30, 2009.
- “Optimal Load Tendering and Acceptance Policies for Intermodal Freight Transportation” *POMS conference*, Orlando, May 3, 2009.
- “Yield Management in Freight Transportation,” *INFORMS Annual Meeting*, Washington DC, October, 2008.
- “An Available-to-Promise Production-Inventory System with Pseudo Orders,” *M&SOM Conference*, University of Maryland, June 5-6, 2008.
- “Yield Management in Freight Transportation,” with Mike Gorman, Tsinghua University, May 29, 2008.
- “An Available-to-Promise Production-Inventory System with Pseudo Orders,” with Susan Xu, *INFORMS Annual Meeting*, Seattle, November 6, 2007.

Teaching Experience

- MGT 201: Quantitative Analysis (MBA core), UCR Winter '09, '10, '11, '12
- MGT 207: Operations Management (MBA core), UCR Spring '12
- MGT 239: Simulation for Business (MBA elective), UCR Spring, Fall '09, Fall '10, '11, '12
- MGT 291: Directed Studies (MBA elective), UCR Winter, Spring '10, Spring '11
- BUS 125: Simulation for Business, UCR Spring Fall '10
- DSC 210: Statistics for Business I, University of Dayton Fall '07, Spring '08
- Introduction to Statistics for Business Summer '05
- Demand Fulfillment (MBA), TA Spring '06
- Introduction to Statistics for Business, TA Fall '04, Spring '05, Fall '05, Fall '06

Honors & Grants

- Academic Senate Regents Award, UCR, 2012
- Omnibus Research Award, UCR, 2010, 2011
- Finalist, Dilwyn Paiste, III Teaching Award, 2005
- Smeal Dissertation Research Award, 2005
- Smeal Graduate Fellowship, Pennsylvania State University, 2002
- Guanghua Scholarship, Tsinghua University, 2001
- Academic Excellence Scholarship, Tsinghua University, 1998, 1999

Professional Activities

- Associate Editor, *Surveys in Operations Research and Management Science*, 2013
- Member, Seminar Committee, AGSM, UCR, 2009-2012
- Member, Scholarship Committee, AGSM, UCR, 2009, 2011
- Member, Doctor Committee, Li Guo, Statistics, UCR, 2010
- Reviewer for *Operations Research, Productions & Operations Management, Naval Research Logistics, IIE Transactions, Annals of Operations Research*
- Vice president, Penn State University INFORMS student chapter, 2005-2007
- Member, The Institute of Operations Research and Management Sciences (INFORMS)
- Member, Manufacturing and Service Operations Management Society (M&SOM)
- Member, Applied Probability Society (APS)
- 2006 CSCMP Doctoral Symposium, San Antonio, October, 2006
- INFORMS Future Academician Doctoral Colloquium, Pittsburgh USA, November, 2006