

Justin Jia

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Education

- **Ph.D., Business Administration: Supply Chain and Information Systems** 5/2012
Dual Degree in Operations Research, Minor in Statistics
The Pennsylvania State University, University Park
- **M.Eng., Industrial Engineering** 8/2006
Dual Degree in Operations Research
The Pennsylvania State University, University Park
- **M.Eng., Industrial and Manufacturing Systems Engineering** 3/2004
Beijing University of Aeronautics and Astronautics, China
- **B.Eng., Mechanical Manufacturing and Automation** 7/2001
Beijing University of Aeronautics and Astronautics, China

Academic Appointments

- **Assistant Professor in Operations Management** 2012-Present
Purdue University, Krannert School of Management, West Lafayette, IN
- **Visiting Instructor in Operations Management** 2011-2012
Purdue University, Krannert School of Management, West Lafayette, IN

Published and Forthcoming Papers

- Qi Feng, Justin Jia, and J. George Shanthikumar, “Dynamic Multisourcing with Dependent Supplies,” *Management Science*, forthcoming.
- Justin Jia and Hui Zhao, “Mitigating the U.S. Drug Shortages Through Pareto-Improving Contracts,” *Production and Operations Management*, 26(8), 1463-1480, 2017.
- Justin Jia, “Managing The Revenue of Sales Platforms: Insights into Service Fees,” *Production and Operations Management*, 25(6), 1026-1037, 2016.
- Justin Jia, Susan H. Xu, and V. Daniel R. Guide, “Addressing Supply-Demand Imbalance: Designing Efficient Remanufacturing Strategies,” *Production and Operations Management*, 25(11), 1958-1967, 2016.
- Justin Jia, Ronald M. Harstad, and Michael H. Rothkopf, “Information Variability Impacts in Auctions,” *Decision Analysis*, 7(1), 137-142, 2010.

Working Papers and Work in Progress

- Qi Feng, Justin Jia, and J. George Shanthikumar, “Robust Knowledge-Based Sourcing Under Dependent Supply Disruption Risks.”
- Justin Jia and Elena Katok, “Online Auction Analytics: Theory and Experiments.”
- Justin Jia, Susan H. Xu, and Kalyan Chatterjee, “Technology Diffusion by Imitation in Complex Networks.”
- Hiroko Okajima, Justin Jia, Hui Zhao, and Susan H. Xu, “Dynamic Capacity Sourcing for New Ethical Drugs.”

Accolades and Awards

- Purdue Research Foundation Summer Faculty Grant, \$8,000, 2017
- INFORMS Pierskalla Best Paper Award Finalist, 2015
- Krannert Undergraduate Innovation in Teaching Award, \$5,000, 2015
- Doug and Maria DeVos Faculty Support Award, \$25,000, 2014
- Jeanne and Charles Rider Graduate Fellowship, \$3,200, 2008 and 2009

Service

- Member: *Institute for Operations Research and the Management Sciences (INFORMS)*, *Manufacturing and Service Operations Management Society (MSOM)*, *Production and Operations Management Society (POMS)*.
- Track Chair, Purchasing and Supply Management Track, *POMS Annual Conference*, 2015.
- Referee: *Management Science*, *Production and Operations Management*, *Naval Research Logistics*, *Service Science*, *Decision Analysis*, *IEEE Transactions on Reliability*, *OMEGA*, *External reviewer for seed funding at University of Missouri*.

Presentations

- Research presentation on drug shortage mitigation to the *U.S. Food and Drug Administration (FDA)* and the *Office of The Assistant Secretary for Planning and Evaluation (ASPE)*, Washington D.C., 2014.
- *INFORMS Annual Conference*, 2008-2010, 2015.
- *POMS Annual Conference*, 2012, 2013, 2017.
- *INFORMS Healthcare Conference*, 2013.

Doctoral Committees

- Hung Tuan Do, University of Vermont Business School, 2012
- Chengzhang Li, expected graduation 2019
- Yuanchen Li, expected graduation 2019
- Kurtis Homan, expected graduation 2019

Teaching Experience

- **Krannert School of Management, Purdue University** 2011-Present
 - MGMT660 Introduction to Operations Management*
 - MGMT690 Operations and Supply Chain Analysis*
 - MGMT590 Supply Chain Analytics*
 - MGMT463 Supply Chain Analytics*
 - MGMT462 Advanced Manufacturing Planning and Control Systems*
 - MGMT361 Operations Management*
- **Smeal College of Business, The Pennsylvania State University** 2010
 - SCM421 Supply Chain Modeling and Analysis*

Industry Experience

- **eBay Research Labs (Internship)** Summer 2008
Studied the impact of internet sales taxes on eBay's business operations, and analyzed eBay's strategy in designing selling mechanisms upon the introduction of the taxes.
- **Aircraft industry of China (Research Projects)** Fall 2003–Spring 2004
Participated in the design and deployment of an enterprise resource planning system in two major aerospace manufacturers in China: Chengdu Aircraft Corporation and ShenYang Liming Aero-Engine Corporation.