

Kejia Hu

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Owen Graduate School of Management
401 21st Ave S, Nashville, TN, 37203

EDUCATION

- Ph.D. Operations Management, Kellogg School of Management, Northwestern University (2017)
– Empirical Operations Management (Committee: Jan A. Van Mieghem, Achal Bassamboo, Sunil Chopra, Gad Allon)
M.S. Operations Management, Kellogg School of Management, Northwestern University (2017)
M.S. Statistics, Department of Statistics, University of California, Davis (2013)
– Prediction with Generalized Linear Mixed Model using Lasso (Advisor: Jiming Jiang)
B.S. Statistics, School of Management, Fudan University, China (2011)

ACADEMIA POSITION

- 2017 - Present Owen Graduate School of Management, Vanderbilt University, Nashville, TN
Assistant Professor of Operations Management

RESEARCH INTERESTS

- Topic Expertise: Service Operations, Sustainability Management
Methodology Expertise: Structural Modeling and Causal Inference, Statistics and Stochastic Modeling

PUBLICATIONS

Appeared/Forthcoming

1. **Kejia Hu**, Yuche Chen. "Equilibrium Fuel Supply and Carbon Credit Pricing under Market Competition and Environmental Regulations" *Applied Energy* (2018).
2. **Kejia Hu**, Jason Acimovic, Francisco Erize, Douglas J. Thomas, and Jan A. Van Mieghem. "Forecasting product life cycle curves: Practical approach and empirical analysis." *Manufacturing & Service Operations Management* (2018).
 - *Finalist at the 2017 M&SOM Practice-based Competition.*
3. Acimovic, Jason, Francisco Erize, **Kejia Hu**, Douglas J. Thomas, and Jan A. Van Mieghem. "Product Life Cycle Data Set: Raw and Cleaned Data of Weekly Orders for Personal Computers." *Manufacturing & Service Operations Management* (2018).
4. **Kejia Hu**, and Yuche Chen. "Technological growth of fuel efficiency in European automobile market 1975–2015." *Energy Policy* 98 (2016): 142-148.

5. Chen, Yuche, Yunteng Zhang, Yueyue Fan, **Kejia Hu**, and Jianyou Zhao. "A dynamic programming approach for modeling low-carbon fuel technology adoption considering learning-by-doing effect." *Applied energy* 185 (2017): 825-835.
6. **Kejia Hu**, Jaesik Choi, Alex Sim, and Jiming Jiang. "Best predictive generalized linear mixed model with predictive lasso for high-speed network data analysis." *International Journal of Statistics and Probability* 4, no. 2 (2015): 132.
7. **Kejia Hu**, Alex Sim, Demetris Antoniadis, and Constantine Dovrolis. "Estimating and forecasting network traffic performance based on statistical patterns observed in SNMP data." In *International Workshop on Machine Learning and Data Mining in Pattern Recognition*, pp. 601-615. Springer, Berlin, Heidelberg, 2013.
8. Yu, Gongming, Yijun Wang, and **Kejia Hu**. "Regional reserves growth shows decline in annual rate of increase." *Oil & Gas Journal* 114, no. 7 (2016): 40-44.
9. Guangzhen Guo, Y. Zhang, and **Kejia Hu**, 2017. Strategic Choice of Open and Closed Platforms: Game Theory Analysis of Downstream Vendors Behavior based on Demand and Cost Advantages. *China Industrial Economics*, 3, 64-82.

Working Paper:

10. Kejia Hu, Susan Lu, Lauren Lu: How Acquisition Affect Services' Strategy and Quality: Evidence from the Nursing Home Industry (still polishing)
11. Kejia Hu, Iris Wang: What Services Offerings Matters for Manufactures to Attract Deals? Large Scale Natural Experiment from a B2B Platform. (still polishing)
12. Zhenzhen Jia, Kejia Hu, Jianqiang Hu: To What Extent Preferences Matters? Learning from the Surgeons' Preferences for Operating Rooms (to submit to MSOM Special Issue in March)
13. Kejia Hu, Sunil Chopra, Yuche Chen: The Danger of Tightening Standards Without Appropriate Monitoring Effectiveness in a Competitive Market (under 1st-round review at *Manufacturing & Service Operations Management*)
14. Simin Li, Kejia Hu, Martin Lariviere: Shaping Demand Peaks and Valley in Service Industries through Online Deals. (to submit to *Management Science*)
15. Kejia Hu, Gad Allon, Achal Bassamboo: Understanding Customers' Retrial in Call Centers: Preferences of Service Speed and Service Quality (to submit to *Manufacturing & Service Operations Management*)

CASE STUDY

- Jointown Pharmaceutical Group Co Ltd, China (with Prof. Jianqiang Hu, Fudan University, China)
—Awarded as the National Top 100 MBA Case Studies, China, 2011

PROFESSIONAL EXPERIENCE

- 2012-2013, Research Intern, Scientific Data Management, Lawrence Berkeley National Lab, Berkeley, CA, U.S.

Project: Algorithm for Improving Efficiency of Data Transfer on High-speed Network

- 2012, Financial Trainee, Morgan Stanley, Sacramento, CA, U.S.

Project: Optimal Timing Policy for Asset Trading and Allocation

- 2011, Summer Internship, Yiwu County Government, China (World's Largest Wholesale Market for Small Commodities)

Project: Evaluation the Role of Supply Chain Management of Yiwu Wholesale Market in Global Trading

- 2010, Research Intern in Supply Chain Management, Jointown Pharmaceutical Co Ltd, China

Project: A Case Study on Jointown Pharmaceutical Group Co Ltd. Inventory Management System.

TEACHING EXPERIENCE

Assistant Professor, Owen School of Management, Vanderbilt University

- Management of Service Operations (MBA 2018 Spring, 2019 Spring)
- Operations Management (Undergraduate 2019 Spring)

Teaching Assistant, Kellogg School of Management, Northwestern University

- Supply Chain Management (MBA 2014 Fall, 2015 Spring/Fall, 2016 Spring/Fall; EMBA Spring 2015)
- Operations Management (MBA 2015 Winter, 2015 Summer)
- Operations Strategy (MBA 2016 Spring)
- Foundations of Operations Management (Ph.D. 2015 Winter)
- Stochastic Foundations (Ph.D. 2015 Spring)

Discussion Lecturer, University of California, Davis

- Statistical Computing (Graduate 2013 Winter; Undergraduate 2012 Fall)
- Statistical Methods for Research with SAS (Graduate 2012-2013 Spring)
- Applied Statistics for Business and Economics (Senior Undergraduate 2012 Winter)
- Applied Statistics Methods: Nonparametric Statistics (Senior Undergraduate 2013 Winter)
- Applied Statistics Methods: Analysis of Variance (Junior Undergraduate 2012 Fall)

HONORS AND AWARDS

- 2013 - 2017, Graduate School Fellowship, Kellogg School of Management, Northwestern University
- 2011- 2013, Graduate School Fellowship, University of California, Davis
- 2010, Junzheng Scholarship, Junzheng Foundation
- 2010, Wangdao Scholar Fellowship, Fudan University

SERVICE

- 2019, Track Chair of Service Operations, POMS
- 2018, Session Chair of Empirical Research for New Service Business, INFORMS
- 2018, Session Chair of Empirical Research in Sustainability, INFORMS
- 2018, Session Chair of Empirical Research in Service Operations, POMS
- 2018, Session Chair of Supply Chain Analytics, POMS
- 2017, Session Chair of Environmental Operations Management, POMS
- 2015, Session Chair of Green Manufacturing, INFORMS
- 2014-2015, Marketing VP, Chinese Business Club, Kellogg School of Management, Northwestern University
- 2014, Finance VP, Great China Business Conference, Kellogg School of Management, Northwestern University

Invited University Presentations

1. Ohio State University, Fisher School of Management, United States, 2019
2. Fudan University, School of Management, China 2018
3. Texas A&M University, Mays Business School, United States, 2018
4. Zhejiang University, School of Management, China, 2018
5. Tianjin University, College of Business Administration, China, 2018
6. CEIBS, China, 2018
7. London Business School, United Kingdom, 2017
8. Southern Methodist University, Cox School of Business, United States, 2017
9. Oxford University, Said Business School, United Kingdom, 2017
10. Nanyang Technological University, Nanyang Business School, Singapore, 2017
11. Emory University, Goizueta Business School, United States, 2017
12. Cornell University, SC Johnson College of Business, United States, 2016
13. Peking University, Guanghua School of Management, China, 2016
14. HKUST Business School, China, 2016
15. Vanderbilt University, Owen Graduate School of Management, United States, 2016
16. University of Hong Kong, Business School, China, 2016
17. Fudan University, School of Management, China, 2016
18. University of Notre Dame, Mendoza College of Business, United States, 2016
19. University of Illinois Urbana-Champaign, Gies College of Business, United States, 2016
20. City University of Hong Kong, College of Business, China, 2016
21. West Virginia University, College of Business and Economics, United States, 2016
22. Oregon State University, College of Business, United States, 2016