Kejia (Carrie) Hu

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EDUCATION

Ph.D. Operations Management, Kellogg School of Management, Northwestern University (2017 expected)

— Empirical Operations Management (Committee: Jan A. Van Mieghem, Achal Bassamboo, Sunil Chopra, Gad Allon)

M.A. Economics, Weinberg College of Arts and Sciences, Northwestern University (2017 expected)

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)

RESEARCH INTERESTS

Empirical Operations Management, Structural Model and Causal Inferences, Service Operations, Supply Chain Management, Sustainability Management, Statistics and Stochastic Modeling

PUBLICATIONS

Submitted/ Revised

1. **K. Hu**, J. Acimovic, F. Erize, D. Thomas and J.A. Van Mieghem. Forecasting Product Life Cycle Curves: Practical Approach and Empirical Analysis. **Under review at *M&SOM* Practice-based Competition.**

2. **K. Hu**, G. Allon, and A. Bassamboo. Understanding Customers Retrials in Call Centers: Preferences for Service Quality and Service Speed. **Under review at *Management Science*.**

3. **K. Hu**, and S. Chopra, Boomerang Effect after Tightening Standards: How Regulation and Competition Lead to Misconducts? **Under review at *M&SOM*.**

Appeared/Forthcoming

4. **K. Hu**, and Y. Chen, 2016. Technological Growth of Fuel Efficiency in European Automobile Market 1975-2015. *Energy Policy,* Vol. 98, 142-148.

5. **K. Hu**, Choi, A. Sim and J. Jiang, 2015. Best Predictive Generalized Linear Mixed Model with Predictive Lasso for High-Speed Network Data Analysis. *International Journal of Statistics and Probability*, Vol. 4 (2), 132.

6. **K. Hu**, A. Sim, D. Antoniades and C. Dovrolis, 2013. Estimating and Forecasting Network Traffic Performance based on Statistical Patterns Observed in SNMP Data. *Proceedings of Machine Learning and Data Mining in Pattern Recognition,* 601-615.

7. G. Yu, Y. Wang and **K. Hu,** 2016. Regional Reserves Growth Shows Decline in Annual Rate of Increase. *Oil and Gas Journal*, Vol.114 (7), 40-45.

Working in progress

8. C. Bandi, S. Chopra, **K. Hu**, and P. Wu, **To be submitted to *POMS*.** Enhancing the Economic Impact of Environmental Performance.

9. **K. Hu**, and S. Chopra, **To be submitted to *Transportation Research, Part D: Environment*.** The Relationship between Market Share and "Green" Performance in the Automotive Industry - *An Empirical Study on European Data.*

10. **K. Hu**, and J.A. Van Mieghem, **Work in progress**, Dual-Sourcing Strategies across Product Life Cycle.

CASE STUDY

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

PROFESSIONAL EXPERIENCE

- 2012-2013, Research Intern, Scientific Data Management Research Group, Lawrence Berkeley National Lab, CA, U.S.
    Project: Algorithm Design for Efficient Transfer of Big Data
- 2012, Financial Trainee, Morgan Stanley, Sacramento, CA, U.S.
    Project: Data Analysis for Asset Trading and Allocation
- 2011, Summer Internship, Yiwu County Government, China (World's Largest Small-Commodity Wholesale Market)
    Project: Supply Chain Evaluation of Yiwu's Wholesale Market in Global Trading
- 2010, Research Intern in Supply Chain Management, Jointown Pharmaceutical Co Ltd, China
    Project: Case Study on Inventory Management of Jointown Pharmaceutical Group Co Ltd

TEACHING EXPERIENCE

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)

Discussion Lecturer, University of California, Davis

- Statistical Computing (Graduate and Senior Undergraduate 2012 Fall)
- 2013, Statistical Methods for Research with SAS (Graduate 2013 Winter)
- Applied Statistics for Business and Economics (Senior Undergraduate 2012 Spring)

- Applied Statistics Methods: Nonparametric Statistics (Senior Undergraduate 2013 Winter)
- Applied Statistics Methods: Analysis of Variance (Junior Undergraduate 2012 Winter)

HONORS AND AWARDS

- 2013 - Present, Graduate School Fellowship, Kellogg School of Management, Northwestern University
- 2015, Graduate School Travel Fund, Northwestern University
- 2011- 2013, Graduate School Fellowship, University of California, Davis
- 2010, Junzheng Scholarship, Junzheng Foundation, awarded to top 0.3% of the undergraduate students
- 2010, Wangdao Scholar Fellowship, Fudan University, awarded to top 2% of the undergraduate students
- 2008-2009, People's Scholarship, Fudan University

CONFERENCES AND WORKSHOPS

- *Understanding Customers Retrials in Call Centers: Preferences for Service Quality and Service Speed*

    INFORMS Conference, Nashville, TN, 2016 (Scheduled)

    POMS Conference, Orlando, FL, 2016

    INFORMS Conference, Philadelphia, PA, 2015

    POMS Conference, Washington DC, 2015

    Research Workshop at Southwestern University of Finance and Economics, China, 2015

    INFORMS Conference, San Francisco, CA, 2014

- *Fitting, Clustering and Forecasting Product Life Cycles: Model and Empirical Validation*

    INFORMS Conference, Nashville, TN, 2016 (Scheduled)

- *Does "Green" Performance Affect Market Share in the Automotive Industry? An Empirical Study*

    INFORMS Conference, Philadelphia, PA, 2015

    MSOM Conference, Toronto, Canada, 2015

    Research Workshop at School of Management, Zhejiang University, China, 2015

    INFORMS Conference, San Francisco, 2014

- *Efficiency and Effectiveness of Emission Regulations in the EU Automobile Market*

    POMS Conference, Orlando, FL, 2016

- *Technological Growth of Fuel Efficiency in European Automobile Market 1975-2015*

    POMS Conference, Orlando, FL, 2016

- *Dynamic Pricing for Mobile Applications*

    INFORMS Conference, Philadelphia, PA, 2015

- *Stochastic Programming in Multi-stage Inventory Problem with Non-stationary Demand*

    INFORMS Conference, Minneapolis, MN, 2013

SERVICE

- 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

REFERENCES

Achal Bassamboo

Professor of Managerial Economics and Decision Sciences

Kellogg School of Management, Northwestern University

a-bassamboo@kellogg.northwestern.edu

Sunil Chopra

IBM Distinguished Professor of Operations Management

Kellogg School of Management, Northwestern University

s-chopra@kellogg.northwestern.edu

Jan A. Van Mieghem

Harold L. Stuart Distinguished Professor of Managerial Economics and Professor of Operations Management

Kellogg School of Management, Northwestern University

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Gad Allon

Jeffrey A. Keswin Professor of Operations, Information and Decisions

The Wharton School of the University of Pennsylvania

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