

# CURRICULUM VITAE

Zhu, Kaijie

## **PERSONAL DATA**

Full Name: Zhu, Kaijie  
Position: Professor  
Department of Decision Sciences and Managerial Economics  
Chinese University of Hong Kong  
Office Address: Room 912, 9/F, Cheng Yu Tung Building  
No.12 Chak Cheung Street, Shatin, N.T., Hong Kong  
Telephone No.: (852) 3943 1597  
E-mail Address: [kzhu@baf.cuhk.edu.hk](mailto:kzhu@baf.cuhk.edu.hk)

## **EDUCATION**

Ph.D. in Management Science and Engineering, Stanford University, 2002. Advisors,  
Ulrich W. Thonemann and Warren H. Hausman.  
B.S. and M.S. in Automatic Control, Shanghai Jiao Tong University, 1993 and 1996.

## **PROFESSIONAL EXPERIENCE**

Associate Professor, Professor, Department of Decision Sciences and Managerial  
Economics (DSE), Faculty of Business Administration, Chinese University of  
Hong Kong (CUHK), 01/2011 - 07/2020, 08/2020 - present.  
Assistant Professor, Associate Professor, Department of Industrial Engineering and  
Logistics Management (IELM), Hong Kong University of Science and  
Technology (HKUST), Hong Kong, 08/2002 - 07/2008, 08/2008 - 12/2010.  
Pre-professional Intern, Extended Enterprise Supply Chain Management Group, IBM  
T. J. Watson Research Center, New York, 06/2000 - 09/2000.

## **RESEARCH INTERESTS**

Supply chain management, global sourcing, data analytics

## **RESEARCH PAPERS**

- Bolandifar, E., Z. Chen, F. Zhang, K. Zhu. 2021. Managing competitive levers in a collaborative distribution channel. *European Journal of Operational Research*, Vol. 293, No. 3, 1031-1042.
- Deng, S., K. Fu, J. Xu, K. Zhu. 2021. The supply chain effects of trade credit under uncertain demands. Forthcoming in *Omega - The International Journal of Management Science*, Vol. 98, 1-22.
- Chen, L., S. Yao, K. Zhu. 2020. Responsible sourcing under supplier-auditor collusion. *Manufacturing & Service Operations Management*, Vol. 22, No. 6, 1234-1250
- Yao, S., K. Zhu. 2020. Combating product label misconduct: The role of traceability and market inspection. *European Journal of Operational Research*, Vol. 282, No. 2, 559-568.
- Fu, Q., Y. Li, K. Zhu. 2018. Costly information acquisition under horizontal competition. *Operations Research Letters*, Vol. 46, No. 4, 418-423.
- Chen, L., Ş. Yücel, K. Zhu. 2017. Inventory management in a closed-loop supply chain with advance demand information. *Operations Research Letters*, Vol. 45, No. 2, 175-180.
- Yang, F. X., R. Q. Zhang, K. Zhu. 2017. Should purchasing activities be outsourced along with production? *European Journal of Operational Research*, Vol. 257, No. 2, 468-482.
- Shan, J. and K. Zhu. 2013. Inventory management in China: an empirical study. *Productions and Operations Management*, Vol. 22, No. 2, 302-313.
- Hsu, V. N. and K. Zhu. 2011. Tax-effective supply chain decisions under China's export-oriented tax policies. *Manufacturing & Service Operations Management*, Vol. 13, No. 2, 163-179.
- Fu, Q. and K. Zhu. 2010. Endogenous information acquisition in supply chain management. *European Journal of Operational Research*, Vol. 201, No. 2, 454-462.
- Dong, L., C. Narasimhan, and K. Zhu. 2009. Product line pricing in a supply chain. *Management Science*, Vol. 55, No. 10, 1704-1717.
- Zhu, K. and U. W. Thonemann. 2009. Coordinating the pricing and inventory-control decisions across products. *Naval Research Logistics*, Vol. 56, No. 2, 175-190.
- Li, Y. and K. Zhu. 2009. Information acquisition in new production introduction. *European Journal of Operational Research*, Vol. 198, No. 2, 618-625.

- Lu, X., J.-S. Song, and K. Zhu. 2008. Analysis of perishable-inventory systems with censored data. *Operations Research*, Vol. 56, No. 4, 1034-1038.
- Dong L. and K. Zhu. 2007. Two-wholesale-price contracts: push, pull, and advance-purchase discount contracts. *Manufacturing & Service Operations Management*, Vol. 9, No. 3, 291-311.
- Zhu, K., R. Q. Zhang, and F. Tsung. 2007. Pushing quality improvement along supply chains. *Management Science*, Vol. 53, No. 3, 421-436.
- Lu, X., J.-S. Song, and K. Zhu. 2005. On “The censored newsvendor and the optimal acquisition of information”. *Operations Research*, Vol. 53, No. 6, 1024-1026.
- Zhu, K. and U. W. Thonemann. 2004. An adaptive forecasting algorithm and inventory policy for products with short life-cycles. *Naval Research Logistics*, Vol. 51, No. 5, 633-653.
- Zhu, K. and U. W. Thonemann. 2004. Modeling the benefits of sharing future demand information. *Operations Research*, Vol. 52, No. 1, 136-147.

## **RESEARCH GRANTS**

- Principal Investigator, Preventing auditor-auditee collusion in ethical sourcing, GRF 14504618, Research Grants Council of Hong Kong, 2019 - 2020, HK\$407,239.
- Principal Investigator, Preventing collusion behavior by certified firms, GRF 14503514, Research Grants Council of Hong Kong, 2015 - 2016, HK\$492,281.
- Principal Investigator, Endogenous information acquisition in a supply chain, 2070474, CUHK Research Committee Funding (Direct Grants), 2012 - 2013, HK\$ 50,000.
- Principal Investigator, Dynamic mechanism design in outsourcing management, 2070463, CUHK Research Committee Funding (Direct Grants), 2011 - 2012, HK\$ 50,000.
- Co-Investigator, Should purchasing activities be outsourced along with production? GRF 622608, Research Grants Council of Hong Kong, 2009 - 2011, HK\$331,000 (with R. Q. Zhang, Principal Investigator).
- Principal Investigator, Impacts of China’s export-oriented tax policies on supply chain decisions, GRF 623007, Research Grants Council of Hong Kong, 2007 - 2010, HK\$ 546,000 (with V. N. Hsu, Co-Investigator).

Co-Investigator, A game of five: competition and cooperation among the five airports in the Pearl River Delta, HIA 05/06 EG01, 2005 - 2008, HKUST High Impact Allocation Grant, HK\$ 600,000 (with J. Hong, Principal Investigator, R. Cheung, C.-Y. Lee, and X. Qi).

Principal Investigator, Information acquisition and sharing in supply chain management, CERG 04/05 HKUST 6152/04E, Research Grants Council of Hong Kong, 2004 - 2006, HK\$ 337,631.

Principal Investigator, Dynamics and coordination of supply chains distributing differentiated products, CERG 03/04 HKUST 6181/03E, Research Grants Council of Hong Kong, 2003 - 2005, HK\$ 377,149.

Principal Investigator, Improving the supply of apparel assortment under quick response, DAG 02/03 EG08, HKUST Direct Allocation Grant, 2003 - 2004, HK\$ 100,000.

## **TEACHING**

### *At CUHK*

Undergraduate courses: Business Process Analytics, Operations Management

MSc courses: Decision Models and Applications, Technology Field Study, Selected Topics of Business Analytics (renamed to Artificial Intelligence for Business)

EMBA course: Quantitative Methods

MPhil/PhD course: Modeling Methodologies in Management Science

### *At HKUST*

Undergraduate courses: Global Supply Chain Management, Integrated Production Systems, Logistics and Freight Transportation Operations, Operations Research I

MPhil/PhD courses: Advanced Production Planning and Control, Deterministic Models in Operations Research

## **STUDENT SUPERVISION**

### *At CUHK*

Supervisor, Shiqing Yao, graduated in 2015, PhD; First placement as a Lecturer (Assistant Professor) in Business School at Monash University, Melbourne, Australia.

Co-supervisor, Xiaopeng Zhang, graduated in 2015, PhD (supervisor, Prof. Vernon N. Hsu); First placement as an Assistant Professor in Business School at Zhejiang Gongshang University, Hangzhou, China.

Supervisor, Zhong Chen, graduated in 2017, PhD (co-supervisor, Prof. Ehsan Bolandifar); First placement as a postdoc researcher in Business School at Zhejiang University, Hangzhou, China.

Co-supervisor, Sijing Deng, graduated in 2018, PhD (supervisor, Prof. Vernon N. Hsu); First placement as an Assistant Professor in Business School at South China Normal University, Guangzhou, China.

Supervisor, Jiahui Zhou, PhD candidate, expected graduation in 2021.

### *At HKUST*

Co-supervisor, Anson Kowk, graduated in 2005, MPhil (supervisor, Prof. Fugee Tsung); First placement in Pixel Technologies Limited, Hong Kong.

Supervisor, Yongquan Li, graduated in 2008, PhD; First placement as an Assistant Professor in Business School at Huazhong University of Science and Technology, Wuhan, China.

Supervisor, Jun Shan, graduated in 2009, PhD; First placement as an Assistant Professor in Business School at Nankai University, Tianjin, China.

Supervisor, Qi Fei, graduated in 2009, PhD; First placement in Royal Bank of Scotland, Hong Kong.

Co-supervisor, Jun Xu, graduated in 2009, PhD (supervisor, Prof. Andrew Lim); First placement as an Assistant Professor in Department of Industrial Engineering at Tsinghua University, Beijing, China.

Co-supervisor, Xi Yang, graduated in 2010, PhD (supervisor, Prof. Rachel Zhang); First placement as an Assistant Professor in Macau Tourism Institute, Macau.

Supervisor, Jia Liu, graduated in 2011, MPhil; First placement in KPMG, Hong Kong.



## **UNIVERSITY SERVICES**

### *At CUHK*

Chairman of the graduate panel of DSE Department, 2011 - 2013.

Department representative in the MPhil-PhD panel of the Faculty of Business Administration, 2011 - 2013.

Course coordinator of DSME 2030, 2012 - 2013

Director of MSc in Business Analytics, 2013 - present.

Chairman of MSc in Business Analytics Program Committee, 2014 - present

Member, Committee of Taught Postgraduate Programmes of Business Administration, 2016 - present

Member, BA Research Panel of DSE Department, 2016 - present

Member, Assessment Panel of DSE Department, 2017 – present

Member, IT Resources Planning and Facilities Management Committee of Shaw College, 2020 - present

### *At CUHK (Shenzhen)*

External reviewer for EMSc Program in Supply Chain and Logistic Management, 2017 - present.

External reviewer in the discipline of Management, Innovative Design & Entrepreneur for School of Management and Economics, 2017 - present.

### *At HKUST*

Undergraduate committee member of IELM Department, 2002 - 2009, in charge of  
Undergraduate curriculum, 2002 - 2009,  
Exchange programs, 2002 - 2009,  
Mainland recruitment, 2004 - 2006,  
Industrial training & internship, 2008 - 2009.

Undergraduate committee coordinator of IELM Department, 2009 - 2010.

## **EDITORIAL BOARD**

Associate Editor for Asia-Pacific Journal of Operational Research, 2007 - present.

## **CONFERENCE ORGANIZATIONS**

Program Committee Chair, the Third POMS-Hong Kong International Conference,  
Hong Kong, January 2012.

Organizing Committee Chair, the Ninth POMS-Hong Kong International Conference,  
Hong Kong, January 2018.

## **HONORS AND AWARDS**

Faculty Teaching Award, 2011-12, 2012-13, 2013-14.

Faculty Teaching Merit Award, 2014-15, 2015-16, 2016-17, 2017-18, 2018-2019.