

CURRICULUM VITAE

Zhu, Kaijie

PERSONAL DATA

Full Name: Zhu, Kaijie
Position: Professor
Department of Decisions, Operations and Technology
Chinese University of Hong Kong
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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 Decisions, Operations and Technology
(DOT), 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

- Yao, S., R. Yang, K. Zhu. The role of anticounterfeit technology in combating counterfeit products. Working paper.
- 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. *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 2022.

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 DOT 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, BA Research Panel, 2016 - present

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

Member and then Chairman, Assessment Panel of DOT Department, 2017 – present

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

Member, Taught Postgraduate Admission Panel in Faculty of Business Administration, 2020 – present

Member, Graduate School Bursary Sub-committee, 2020 – present

Member, Graduate School Committee on Postgraduate Student Housing, 2021 – present

At CUHK (Shenzhen)

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

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

External reviewer for MSc in Information Management and Business Analytics, 2021- 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 - 2021.

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, 2019-
2020.