

# PROF. CHRIS K. Y. LO

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Research Area: Quality Management, Sustainability in Operations, Innovation Management, Social Media Analytics, AI and Big data analytics

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## WORK EXPERIENCE

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Faculty of Business, Department of Logistics and Maritime Studies, The Hong Kong Polytechnic University  
Professor (Quality Management) (Jan 2024 – present)

Immune Materials Limited  
Co-Founder (May 2021 – present)

School of Fashion and Textiles, The Hong Kong Polytechnic University  
Professor (July 2023 – Jan 2024)  
Associate Professor (July 2016 – June 2023)  
Assistant Professor (Jan 2010- June 2016)

Faculty of Business, The Hong Kong Polytechnic University  
Postdoctoral Fellow (2008 - 2009)

Information Technology Service, The Hong Kong Polytechnic University  
Analyst Programmer (2003 – 2004)

MCSB Limited  
Account Engineer (2003)

Automated System Ltd. (Listed company in Hong Kong Stock Exchange)  
Software Engineer (2000 - 2002)

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## EDUCATION

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### PhD in Operations Management (2008)

The Hong Kong Polytechnic University – Faculty of Business, Department of Logistics and Maritimes Studies

Thesis Title: The impact of ISO 9000 on operating performance and senior executive compensation: An empirical analysis

### Bachelor of Commerce (Distinction) (2000)

Concordia University, Montreal, Canada (Majored in Management of Information System)

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## AWARDS AND ACKNOWLEDGEMENTS

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(1) (Eng: Outstanding Young Entrepreneur in Greater Bay Area 2024) 大灣區傑出青年企業家 :

粵港澳大灣區企業家聯盟 2024

- (2) **Geneva International Invention Exhibition (Gold medal) 2023: Long lasting self-disinfection technology**
- (3) **PolyU Faculty Award for Knowledge Transfer** (Team award – Team leader – Anti-COVID 3D printing technology) 2022
- (4) **PolyU Innotech Showcase** 2022 Best Presentation Award
- (5) **Jack Meredith Best Paper Award 2020 (Journal of Operations Management)**
- (6) **PolyU Faculty Award for Research and Scholarly Activity** (Team Award) 2020 – Research projects combating COVID-19
- (7) **PolyU Faculty Award for Outstanding Performance and Achievement in Teaching (Individual Award)** 2017
- (8) **Winner (Responsible Research in Management Award)**, Jointly awarded by Responsible Research in Business and Management (RRBM) and International Association for Chinese Management Research (IACMR) 2017
- (9) **Best Reviewer Award** 2010 Omega
- (10) **Best paper award** for the track supply chain risk, quality & sustainability management: The economic impact of ISO 14000: Some preliminary findings, ICOSCM and APDSI 2010 Hong Kong & Guangzhou, China. 2010

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## EDITORIAL SERVICES

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**International Journal of Operations and Production Management (IJOPM)** Associate Editor (2025 – present)

**IEEE -Transaction on Engineering Management**, Department Editor (DE) (2025 – present)

**Journal of Operations Management**, Editorial Review Board, 2019 - current

**Journal of Operations Management**, Guest Editor: Global Operations and supply-chain Management under the Political Economy, 2022

**Service Science** (Corporate Social Responsibility Department), Associate Editor, 2022- current

**Decision Sciences Journal** (Product and Process Innovation Department), Associate Editor, 2019 – current

**International Journal of Workplace Health Management**, Associate Editor, 2015-2019

**International Journal of Production Economics**, Guest Editor for Special Issue: Green manufacturing and distribution in the fashion and apparel industries 2012

**Journal of Fashion Marketing and Management**, Guest Editor for Special Issue: Ethical Fashion Supply Chain Management 2012

Omega, Best Reviewer Award: 2010

Regular Reviewers for: M&SOM, JOM, POM, IJOPM, IJPE.

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## SELECTED PUBLICATIONS (UTD / FT50 JOURNAL LIST)

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Google Scholar H-Index 33, i10 44, Total Citations 4335 (As of 15 Jan, 2025)

- (1) Fei Li, Chris K.Y. Lo., Yi Zhou Christopher Tang (July 2024) The impact of Diversity, Equity and Inclusive announcement on firm performance **Production and Operations Management (online)**
- (2) Cheng, Miyuki PS, Christopher S. Tang, Chris KY Lo, Andy CL Yeung, and Hugo KS Lam. (July 2024). "Return to the United States: Impact of Reshoring Announcements and Reshoring Risks on Market Valuation." **Management Science (online)**
- (3) Di Fan, Chris K. Y. Lo, Andy Yeung, Christopher Tang, Yi Zhou (2022) "Impact of the U.S.–China trade war on the operating performance of U.S. firms: The role of outsourcing and supply base complexity." **Journal of Operations Management** 68(8), 928-962
- (4) Chris K. Y. Lo, Christopher Tang, Yi Zhou. (2022) "Environmental Violations in China: evaluating their long-term impact and predicting future violations." **Production and Operations Management** 31(12), 4351-4363
- (5) Frank Wiengarten, Mark Pagell, Di Fan, Chris K. Y. Lo (2019) "Deviations from aspirational target levels and environmental and safety performance: Implications for operations managers acting irresponsibly." **Journal of Operations Management**. 65, 490-516. (JOM's Jack Meredith best paper award 2020)
- (6) Chris K. Y. Lo, Christopher Tang, Yi Zhou, Andy C. L. Leung, Di Fan (2018). "Environmental incidents and the market value of firms: An empirical investigation in the Chinese Context." **Manufacturing & Service Operation Management**, 20 (3), 422 – 439. (Winner of Responsible Research in Management Award by Responsible Research in Business And Management)
- (7) Wiengarten, F., Di Fan, Chris K.Y. Lo & Mark Pagell. (2017). "The differing impacts of operational and financial slack on occupational safety in varying market conditions." **Journal of Operations Management**, 52 (May), 30-45.
- (8) Wiengarten, F., Chris K. Y. Lo & J. Y. Lam (2017). "How does sustainability leadership affect firm performance? The choices associated with appointing a chief officer of corporate social responsibility". **Journal of Business Ethics**, 140(3), 477-493.
- (9) Chris. K. Y. Lo, Mark Pagell, Di Fan, Frank Wiengarten, Andy C. L. Yeung, (2014) "OHSAS 18001 and Operating Performance: The Role of Complexity and Coupling", **Journal of Operations Management** 32 (5), 268-280.
- (10) Xiaojin Liu, Andy C. L. Yeung, Chris K. Y. Lo, T. C. E. Cheng, (2014) "The moderating effects of knowledge characteristics of firms on the financial value of innovative technology products", **Journal of Operations Management**, 32 (3), 79-87.

- (11) Chris. K. Y. Lo, Frank Wiengarten, Paul Humphreys, Andy C. L. Yeung and T.C. Edwin Cheng, (2013) "The impact of contextual factors on the efficacy of ISO 9000 adoption", **Journal of Operations Management**, 31(5), 229-235.
- (12) Andy C. L. Yeung, Chris. K. Y. Lo, and T.C. Edwin Cheng, (2011) "Behind the Iron Cage: ISO 9000 Adoption and Senior Executive Compensation", **Organization Science**, 22(6), 1600-1612.

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## **PUBLICATIONS (OPERATIONS MANAGEMENT)**

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- (12) Lui, Ariel KH, Chris K.Y. Lo, Eric WT Ngai, and Andy CL Yeung. "A tough pill to swallow? The lessons learned from mandatory RFID adoption." **International Journal of Production Economics** 258 (April 2023): 108811.
- (13) Xu, Xiaoyan, Sai-Ho Chung, Chris KY Lo, and Andy CL Yeung. "Sustainable supply chain management with NGOs, NPOs, and charity organizations: A systematic review and research agenda." **Transportation Research Part E: Logistics and Transportation Review** 164 (Aug 2022): 102822.
- (14) Fan, Di., Yeung, Andy. C., Yiu, D. W., & Lo, Chris K. Y. (2022). Safety regulation enforcement and production safety: The role of penalties and voluntary safety management systems. **International Journal of Production Economics** (2022) 248, 108481.
- (15) Tong, Xun, Kee-hung Lai, Chris KY Lo, and T. C. E. Cheng. "Supply chain security certification and operational performance: The role of upstream complexity." **International Journal of Production Economics** (2022): 108433.
- (16) Lui, Ariel KH, Chris KY Lo, Eric WT Ngai, and Andy CL Yeung. "Forced to be Green? The Performance Impact of Energy-Efficient Systems under Institutional Pressures." **International Journal of Production Economics** (2021 June): 108213.
- (17) Xiaoyong Wei, Chris K. Y. Lo, Sojin Jung, Tsan-Man Choi. (2021) From co-consumption to co-production: A systematic review and research synthesis of prosumer activities in collaborative consumption practices. **Journal of Business Research** 129, 282-294
- (18) Xun Tong, Kevin Linderman, Chris K. Y. Lo, Mike Lai, T.C.E. Cheng (2020) Anti-Learning Behavior Toward Safety Risk: The Roles of Internal Context and Social Contagion. **Decision Sciences**. 53(5) 932-961
- (19) Y. J. Cai, & Chris K. Y. Lo (2020). Omni-channel management in the sharing economy era: A systematic review and future research agenda. **International Journal of Production Economics**, 107729.
- (20) Hugo Lam, Andy C. L. Yeung, Chris K. Y. Lo, TCE Cheng. (2019) Should Firms Invest in Social Commerce? An Integrative Perspective, **Information & Management** 56(8) Dec 2019
- (21) Markus VEJVAR, Chris K. Y. Lo, Kee-Hung Lai (2019) A citation network analysis of sustainability development in liner shipping management: A review of the literature and policy implications, **Maritime Policy & Management** 47(1) 1-26

- (22) Ariel K. H. Lui, Chris K. Y. Lo, Eric W.T. Ngai (2019). Does mandated RFID affect firm risk? The moderating role of top management team heterogeneity. **International Journal of Production Economics**, 210 (April) 84-96.
- (23) Raymond Treacy, Paul Humphreys, Ronan McIvor, Chris K. Y. Lo (2019). ISO14001 certification and operating performance: A practice-based view, **International Journal of Production Economics**, 208 (Feb), 319-328.
- (24) Marcus Vejvar, Kee-Hung Lai, Chris K. Y. Lo & E.W. Fürst. (2018). Strategic responses to institutional forces pressuring sustainability practice adoption: Case-based evidence from inland port operations. **Transportation Research Part D: Transport and Environment**.61(Part B) June, 274-288.
- (25) Wiengarten, F., Di Fan, Chris K.Y. Lo, Mark Pagell (2018). Managerial time horizons and the decision to put operational workers at risk: the role of debt, *Decision Science*, 50(3), 582-611.
- (26) Chris K. Y. Lo, and Andy CL Yeung. (2018) Quality management standards, institutionalization and organizational implications: A longitudinal analysis. **International Journal of Production Economics** 200 (June), 231-239.
- (27) Di Fan, Chris K. Y. Lo, Andy, C. L. Yeung, T. C. E. Cheng, (2018) The impact of corporate label change on long-term labor productivity. **Journal of Business Research** 86 (2018): 96-108.
- (28) Markus Vejvar, Kee-hung Lai, Chris K.Y. Lo (2016) An Institutional Perspective on the Diffusion of Social Sustainability and its Discourse in Liner Shipping Operations, **The Journal of Sustainable Mobility** 3(2), 14-41.
- (29) Ariel Lui, Eric Ngai, & Chris K. Y. Lo. (2016). Disruptive information technology innovations and the cost of equity capital: The moderating effect of CEO incentives and institutional pressures. **Information & Management**, 53(3), 345-354.
- (30) Fan, Di, Chris KY Lo, Vincent Ching, and Chi W. Kan. "Occupational health and safety issues in operations management: A systematic and citation network analysis review." *International Journal of Production Economics* 158 (2014): 334-344.
- (31) Bin Shen, Tsan-Ming Choi, Yulan Wan, Chris. K. Y. Lo, "The Coordination of Fashion Supply Chains With a Risk-Averse Supplier Under the Markdown Money Policy", **IEEE Transactions on Systems, Man, and Cybernetics**, 43 (2) 266-276 (2013).
- (32) Di Fan, Chris K. Y. Lo, "A tough pill to swallow? The impact of voluntary occupational health and safety management system on firms' financial performance in fashion and textiles industries", **Journal of Fashion Marketing and Management**, 16(2) 128 – 140 (2012).
- (33) Chris. K. Y. Lo, Andy C. L. Yeung and T.C. Edwin Cheng, "The impact of environmental management systems on financial performance in fashion and textiles industries", **International Journal of Production Economics**, 135(2), 561-567 (2012).
- (34) Bin Shen, Yulan Wan, Chris K. Y. Lo, Momoko Shum, "The Impact of Ethical Fashion on Consumer Purchase, **Journal of Fashion Marketing and Management**, 16(2), 234-245 (2012).

- (35) Chris. K. Y. Lo, Andy C. L. Yeung and T.C. Edwin Cheng, "Meta-standards, Financial Performance and Senior Executive Compensation in China: An Institutional Perspective, **International Journal of Production Economics**, 129(1), 119-126 (2011).
- (36) Chris. K. Y. Lo, Andy C. L. Yeung and T.C. Edwin Cheng, "ISO 9000 and Supply Chain Efficiency: Empirical Evidence on Inventory and Account Receivable Days, **International Journal of Production Economics**, 118(2), 367-374 (2009).

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## **PUBLICATIONS (INTER-DISCIPLINE WITH THE FOCUS ON SUTAINABILITY TECHNOLOGIES AND INNOVATIONS)**

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- (36) Li, Shuyang, **Chris KY Lo**, and Li Li. "A Systematic Literature Review on the Investigation and Application of Vegetable Fibers in Textiles/Apparel and Future Research Agenda." *Journal of Natural Fibers* 21, no. 1 (2024): 2397692.
- (37) Chan, Carmen Ka-Man, **Chris K.Y. Lo**, and Chi-Wai Kan. "A Systematic Literature Review for Addressing Microplastic Fibre Pollution: Urgency and Opportunities." **Water** 16, no. 14 (2024): 1988.
- (38) Chan, M. M. S., **Chris K. Y. Lo**, and C. W. Kan. "Application of additive manufacturing/3D printing on rehabilitation and healthcare: a systematic and citation network analysis review." *The Journal of The Textile Institute* 115, no. 7 (2024): 1151-1160.
- (39) Liu, Senbiao, Yaohui Keane Liu, **Chris K.Y. Lo**, and Chi-wai Kan. "Intelligent techniques and optimization algorithms in textile colour management: a systematic review of applications and prediction accuracy." **Fashion and Textiles** 11, no. 1 (2024): 13.
- (40) Luk, Anson MY, **Chris KY Lo**, Jiachi Amber Chiou, Chi-Hang Ngai, Ki Law, Tsz-Long Lau, Wan-Xue Chen, Matthew Hui, and Chi-Wai Kan. "Antiviral and Antibacterial 3D-Printed Products Functionalised with Poly (hexamethylene biguanide)." **Polymers** 16, no. 3 (2024): 312.
- (41) Liu, Senbiao, Yaohui Keane Liu, **Chris K.Y. Lo**, and Chi-wai Kan. "Predicting the Effect of Plasma Treatment on the Fading of Sulphur-Dyed Cotton Fabric Using Bayesian Regulated Neural Network (BRNN) and Gaussian Process Regression (GPR)." **Fibers and Polymers** 25, no. 1 (2024): 221-233.
- (42) Zeng, Li, **Chris K.Y. Lo**, and Zhimin Chen. "Fashion innovation through an innovation ecosystem—a research agenda." **International Journal of Fashion Design, Technology and Education** 17, no. 1 (2024): 62-75.
- (43) Dik, Nga Yin, Paul Wai Kei Tsang, Ah Pun Chan, **Chris K.Y. Lo**, and Wai Ching Chu. "A novel approach in predicting virtual garment fitting sizes with psychographic characteristics and 3D body measurements using artificial neural network and visualizing fitted bodies using generative adversarial network." **Heliyon** 9, no. 7 (2023).
- (44) Liu, Senbiao, Yaohui Keane Liu, **Chris K.Y. Lo**, and Chi-Wai Kan. "Analyzing the Effects of Plasma Treatment Process Parameters on Fading of Cotton Fabrics Dyed with Two-Color Mix Dyes Using Bayesian Regulated Neural Networks (BRNNs)." **Journal of Natural Fibers** 20, no. 2 (2023): 2259101.

- (45) Chan, Ah-Pun, Wai-Ching Chu, **Kwan-Yu Lo**, and Kai-Yuen Cheong. "Improving the Apparel Virtual Size Fitting Prediction under Psychographic Characteristics and 3D Body Measurements Using Artificial Neural Network." **Human Factors for Apparel and Textile Engineering** 32 (July 2022): 94.
- (46) Or, Ivan, **Chris KY Lo**, Chi-wai Kan "A systematic literature network analysis: Development of manufacturing, enhancement and sustainability of fiber-reinforced polymer composites (1998-2020) and future research agenda" **Fibers and Polymers** (2022: accepted)
- (47) Liu, Senbiao, **Chris KY Lo**, and Chi-wai Kan. "Application of artificial intelligence techniques in textile wastewater decolorisation fields: A systematic and citation network analysis review." **Coloration Technology** 138, no. 2 (2022): 117-136.
- (48) Lee, K.P., Yip, J., Yick, K.L., Lu, C. and **Chris KY Lo.**, (2021). Textile-based fiber optic sensors for health monitoring: A systematic and citation network analysis review. **Textile Research Journal**, p.00405175211036206.
- (49) Kit-Lun Yick and Sun-Pui Ng, Sze-Ham Wong, Joanne Yip, **Chris K.Y. Lo**, Kenneth Man-Chee Cheung, Jason Pui-Yin Cheung, Kenny Yat-Hong Kwan (2020) Non-Invasive Treatment of Adolescent Idiopathic Scoliosis: Systematic Literature Review by Using Citation Network Analysis. **Spine and Surgery**, Article online
- (50) Eunice Tam, Joanne Yip, **Chris K.Y. Lo**, Kit-lun Yick, Christian Fang, Sun Pui Ng(2020). De Quervain's Tenosynovitis- A Systematic and Citation Network Analysis Review. **Biomedical Journal of Scientific & Technical Research** 24(5), 18674-18684.
- (51) Alan Tang, **Chris K.Y. Lo**, C. W. Kan (2018). Textile dyes and human health: a systematic and citation network analysis review. **Coloration Technology**. 134(4) 245-257.
- (52) K. H. Chau., **Chris K. Y. Lo.**, and C. W. Kan. (2017). A Literature Review of Manufacturing Eco-Friendly Comfort Textiles and Future Agenda. **In Applied Mechanics and Materials** 866, 444-447.
- (53) C.W. Kan, **Chris K. Y. Lo**, W. S. Man. (2016). Environmentally friendly aspects in coloration. **Coloration Technology**, 132(1), 4-8.
- (54) Zhou, C. E., Kan, C. W., Yuen, C. W. M., **Lo, Chris K. Y.**, Ho, C. P., & Lau, K. W. R. (2016). Regenerable antimicrobial finishing of cotton with nitrogen plasma treatment. **BioResources**, 11(1), 1554-1570.

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## BOOK / BOOK CHAPTERS / INTERNATIONAL NEWSPAPER

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- (55)(**Book chapter and conference paper**) Yuen, Ka Man, Fan Zeng, and Chris K.Y. Lo. (2021), Sustainable Communication and Customer Engagement on Social Media. Advances in National Brand and Private Label Marketing, In National Brand and Private Label Marketing Conference, pp. 105-113. Springer, Springer Proceedings in Business and Economics, 2021.
- (56)(**Book**) Chris K. Y. Lo and Jung Ha-Brookshire, Sustainability in Luxury Fashion Business, Springer, Singapore. May 2018.

- (57)(**Book Chapter**) Chris K. Y. Lo and Jung Ha-Brookshire. "Opening: Sustainability and Luxury Brands." Sustainability in Luxury Fashion Business. Springer, Singapore, 2018. 1-7.
- (58)(**Book Chapter**) Spencer SC Tao, Chris K.Y. Lo. "The Drivers and Barriers of Luxury Sector Retailers to Adopt Energy Efficiency Technologies in Hong Kong." Sustainability in Luxury Fashion Business. Springer, Singapore, 2018. 153-171.
- (59)(**Book Chapter**) Stacy Hyun-Nam Lee, Yi Zhou, Chris K. Y. Lo, Jung Ha-Brookshire. "Luxury Fashion Brands Versus Mass Fashion Brands: Data Mining Analysis of Social Media Responses Toward Corporate Sustainability." Sustainability in Luxury Fashion Business. Springer, Singapore, 2018. 51-73.
- (60)(**Book Chapter**) Ariel Lui, Chris K. Y. Lo. Measuring the impact of radio frequency identification (RFID) technologies in improving the efficiency of the textile supply chain. In Fashion Supply Chain Management Using Radio Frequency Identification (RFID) Technologies 2014, 187-202.
- (61)(**Book Chapter**) Chris K. Y. Lo, "Quality and Environmental Management System in the Fashion Supply Chain", Book Chapter in Fashion Supply Chain Management: Industry and Business Analysis, Publisher: IGI Global 2011.
- (62)Chris K. Y. Lo, Christopher Tang. "Diversity Announcements Help the Stocks of Some Companies—but Not in Tech" **Wall Street Journal: Journal Reports, 3 Feb 2023.**

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## WORKING PAPERS

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- (1) Michel Dik, Chris K.Y Lo, Andy C. L. Yeung, The impact of virtual influencers on firm performance. **Target Journal, MIS Quarterly**
- (2) Miyuki Cheng, Chris K. Y. Lo, Andy C. L. Yeung, Hugo Lam, Top management team composition effects on reshoring decisions in the US. **Target Journal, Journal of Operations Management**
- (3) Feng Liu, Chris K. Y. Lo Social contagion, green technology, and corporate performance: An empirical investigation. **Journal of Operations Management: Reject and Resubmit**
- (4) Frank Chen, Alex Zhang, Chris K. Y. Lo, Zhifeng Yang, Haoran Zhu. Proximity, Headquarters-Plant Monitoring, and Workplace Safety. Target Journal: **MSOM**
- (5) Chris K.Y. Lo, Antonio Lau. The Moderating effects of innovation and Chaebol on the relationship between corporate sustainability events and firm value. Target journal: **Decision Science**
- (6) Pui-sze Cheng, Chris K. Y. Lo. Reshoring in global supply chain: Systematic and citation network analysis review. Target journal: **International Journal of Operations Management**
- (7) Abe Jong, Andy Yeung, Chris K. Y. Lo, Yi Zhou. How outward foreign direct investments had taught Chinese manufacturers greener? Target Journal: **Journal of Operations Management**
- (8) Twitter Reaction to the Sustainable Operations that Contribute to Sustainable Development Goals. Target Journal: **Journal of Business Ethics**



- (9) Markus Vejvar, Chris K. Y. Lo, Kee-hung Lai. Pay well or look good? The moderating roles of corporate social responsibility and employee wages on flight delays during layoffs, **Target Outlet: M&SOM**
- (10) Markus Vejvar, Kee-hung Lai, Chris K. Y. Lo. Aspiring to Do Good Together: Firm-internal Corporate Social Responsibility Aspiration Levels and Alliance Membership, Target outlet: Journal of Business Research

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## RESEARCH GRANTS

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- (1) **RGC GRF Grant, (PI)**, Diversity, equity and inclusion commitment and firms' operation performance. An Institutional Perspective (2022/23 \$510,153 (including earmarked item: \$12,500 for Undergraduate Student, 24 months)
- (2) **ITF Special Call for Prevention and Control of COVID-19 in Hong Kong. (PI)** Antivirus 3D printing materials and its application in public facilities. **\$1,979,725 (funded)**
- (3) **Departmental grant for GRF** proposal scored 3.5 (PI). How Manufacturing and Product Safety Performance are Affected by Firms' Senior Management Professional and Political Background in China? \$105,000
- (4) **ACE PolyU-EDC (PI)**, Mobile interactive platform for sustainability audit training. (2014 – 2017 \$119,400)
- (5) **RGC GRF Grant, (PI)**, The Risk of Health, Safety and Environmental Disruptions in Production: An Empirical Investigation of Chinese Manufacturing Firms (2015/16, Rated 4.5 \$345,854)
- (6) **HKRITA-ITF (PI)**, Public Sector Trial Scheme for third party auditor (Quick Response Quality Management System for Apparel Supply Chain). HK\$458,000 (2015 to 2016).
- (7) **HKRITA-ITF, (PI)**, Quick Response Quality Management System for Apparel Supply Chain, with Allan Chan, CW. Kan, Andy Yeung, Eric Ngai. (2013 to 2014 HK\$955,535)
- (8) **RGC GRF Grant, (PI)**, Sustainable Global Supply Chains: Do Environmentally and/or Socially Irresponsible Chinese Supplier Affect Overseas Buyers' Firm Performance? (2013/14, Rated 3.5 un-successful but supported by PolyU Central and Department Additional Funding, \$210,000)
- (9) **RGC GRF Grant, (PI)**, Does Corporate Social Responsibility Lead to Higher Profitability for Manufacturers in China? with Andy C.L. Yeung, T.C.E. Cheng, Project Number: 545211. (2011/12, HK\$543,174, 24 months : Rated 4.5)
- (10) **RGC GRF Grant, (Co-I)**, Corporate Environmental Initiatives in China: Executive Motives, Corporate Benefits and Public Interests with Andy C.L. Yeung, T.C.E. Cheng, (2012/13, HK\$455,000, 24 months)
- (11) **HKRITA-ITF, (Co-I)**, An Intelligent Condition-based Key Machinery Assets Maintenance Management Platform for the Textile Industry, with Eric Ngai, Chester To, Simon Chan (2012 to 2014, \$4 Million)
- (12) The Hong Kong Polytechnic University ITC's Development Fund for new researchers, Principal Investigator, (PI), Quality Management Standards and Supply Chain Efficiency in Chinese Manufacturing and Textile Related Industry (2010 to 2012, HK\$300,000, 24 months)
- (13) Competitive Research Grants for Newly Recruited Junior Academic Staff, The Hong Kong Polytechnic University, (PI), The financial impact of environmental management system in the Chinese manufacturing industry. (2010 to 2012, HKD\$ 75,000. 12 months)

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## RESEARCH STUDENTS

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- (1) **Dr. Di Fan** (Graduated in 2015, Chief supervisor) Thesis Title: The impact of voluntary occupational health and safety system on firm performance in China
  - i. Outstanding Research Presentation of the 6<sup>th</sup> Institute of Textiles and Clothing Research Seminar
  - Current Position: Assistant Dean, Associate Professor, Hong Kong Polytechnic University
- ii. Previous Position: Senior Lecturer, Australian National University
- (2) **Dr. Ariel Lui** (Graduated in 2014, Chief supervisor)
  - i. Thesis Title: The impact of RFID on firm performance
  - ii. Best Research Presentation of the 4<sup>th</sup> Institute of Textiles and Clothing Research Seminar
  - iii. W.K. Chiu Travelling Scholarship 2011/12
  - iv. Current position: Lecturer in Information Systems, RMIT University, Australia
- (3) **Dr. Paul Zhou** (Graduated in 2017, Chief supervisor)
  - i. Current Position: Senior Lecturer, Operation Management Division, Monash Business School, Australia
- (4) **Prof. Hugo Lam** (Graduated 2015, co-supervisor, Faculty of Business, The Hong Kong Polytechnic University)
  - i. Thesis Title: When Commerce Goes Social: The impact of social commerce initiatives on market value of firms
  - ii. Current position: Chair Professor, Operations Management Division, University of Liverpool, UK, Co-EIC : International Journal of Operations and Production Management (IJOPM)
- (5) **Dr. Xun Tong** (Graduated 2017, co-supervisor, Faculty of Business, The Hong Kong Polytechnic University)
  - i. Current position: Associate Professor, Operations Management Division, University of Groningen, Netherlands.
- (6) **Dr. Markus Vejvar** (Graduated in 2018, co-supervisor, Faculty of Business, The Hong Kong Polytechnic University)
  - i. Current Position: Global Logistics Consultant at AT&Kearney
- (7) **Prof. Bin Shen** (Graduated in 2015, co-supervisor)
  - i. Thesis Title: Markdown Money Policies in Textiles and Clothing Supply Chains: A Multi-Methodological Study
  - ii. Outstanding Research Presentation of the 4<sup>th</sup> Institute of Textiles and Clothing Research Seminar
  - iii. Current position: Professor and Associate Dean, School of Management, Dong Hua University, China
- (8) **Ms. Jessie Lam** (Graduated in 2015, Chief supervisor, ITC, The Hong Kong Polytechnic University)
  - i. Thesis Title: Effective Strategic Responses in Product Harm Crisis: An Empirical Investigation in the Fashion Industry
- (9) **Dr. Jacky Hau** (Graduated in 2015, co-supervisor, Faculty of Business, The Hong Kong Polytechnic University)
  - i. Thesis Title: The impact of virtual process to firm performance

- (10) **Dr. Miyuki Cheng** (Chief supervisor)
  - i. Thesis title: Paradigm shift of reshoring back to US
  - ii. Current position: Research Assistant Professor, Faculty of Business, The Hong Kong Polytechnic University
- (11) **Dr. Abe Jong** (Co-supervisor, Faculty of Business, Current Position: Senior Consultant KPMG)
- (12) **Dr. Fan Zeng** (Chief supervisor)
  - i. Current position: Assistant Professor, Operations Management Division, Macau University of Science and Technology, China
- (13) **Dr. Leah Zeng** (Chief supervisor)
  - i. Thesis title: Fashion Innovation Ecosystem
  - ii. Current Position: Associate Professor, Shenzhen Polytechnic University
- (14) **Ms. Fei Li** (Chief supervisor on-going)
- (15) **Ms. Qi Ying** (Chief Supervisor on-going)
- (16) **Mr. ZhiHung Huang** (Chief Supervisor on-going)
- (17) **Ms Rita Zhou** (Chief Supervisor on-going)
- (18) **Ms. Michel Dik** (Chief Supervisor on-going)
  - **Best paper award (runner up), PolyU Research Student Conference 2023.**
- (19) Mr. Jason Mao (Chief supervisor on-going)
- (20) Ms. Sandy Yang (Chief supervisor on-going)

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## KNOWLEDGE TRANSFER AND SOCIAL IMPACT

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- (1) Patent - 一种抗菌增白组合物、一种白色合成革基材及其制备方法、一种抗菌合成革 . *Chinese National Patent*
- (2) **Patent** - Three-Dimensional Printing Antimicrobial Products (PCT Patent filed on 23 Sept, 2020, China Patent under review, UK patent published)
- (3) **Patent** - Lo, Kwan Yu, and Chi Wai Kan. "Three-dimensional printing antimicrobial products." U.S. Patent Application 18/040,907, filed September 21, 2023.
- (4) **Co-founder, Immune Materials Limited** (Research-led start-up supported by PolyU – development of antiviral materials for consumer and public use). Investment Funding Raised (1 million USD).
- (5) **Consultancy** – Kiabi Fashion Corporate Training 2021 (Data visualization and analytics, supply chain strategy for a French fashion brand)
- (6) **Consultancy** – Novotex – Mixed Reality Quality Inspection System for Automated Warehouse. Hololens integration with robotic system.
- (7) **Consultancy** – Leo paper group – Quick Respond Quality System of Supplier Quality Management
- (8) **Patent** – Quick response quality management system for apparel supply chain (filed in China, 2015)

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## CONFERENCE PRESENTATIONS

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- (1) INFORMS 2024 Seattle (Invited session) : Operations Safety Innovations and Applications: The Entrepreneurial Journey of Immune Material IMU+
- (2) INFORMS 2023 Phoenix (Invited session): DEI commitment and firm performance
- (3) INFORMS 2019 Seattle (Invited session): The long-term impact of environmental violations and prediction of future violations.
- (4) INFORMS 2018 Phoenix (invited session MA 16): Preventing the cost of over development in China, with Christopher Tang, Yi Zhou
- (5) INFORMS 2018 Phoenix (invited session MD 16): Multi stakeholders perspectives on the impact of safety violation: An event study of manufacturing firms, with Di Fan and Yi Zhou
- (6) POM-HK, Macau, 2015, Backward- and Forward-looking Evaluations of Proactive Product Recall; Di Fan, Chris K.Y. Lo, Daphne Yiu
- (7) EUROMA Neuchatel, Switzerland 2015, Contradictory Views Of Slack Resources On Operations Safety, Di Fan, Chris K.Y. Lo, Mark Pagell, Frank Wiengarten
- (8) EUROMA Neuchatel, Switzerland 2015, The Impact Of Environmental Misconducts On Firm Performance In Emerging Markets: A Preliminary Study In China Market, , Chris K.Y. Lo, Christopher Tang, Yi Zhou, Andy Yeung
- (9) EUROMA Neuchatel, Switzerland 2015, The Choice of Alternative Product-Recall Strategies: In The Shadow Of Top Management Team's Prospect And Behavior, Di Fan; Daphne W. Yiu, Chris K.Y. Lo
- (10) Strategic Management Society, the 33rd Annual International Conference, Atlanta 2013, The impact of Energy Efficiency Technology on firm performance, Ariel Lui, Chris. K. Y. Lo, and Eric Ngai
- (11) Academy of Management, Annual Meeting, Orlando, Florida 2013, ***RFID and Firm Performance: An Event Study Analysis***, Ariel Lui, Chris. K. Y. Lo, and Eric Ngai
- (12) The 4<sup>th</sup> P&OM World Conference and EUROMA, Amsterdam, 2012, The impact of ISO 14001 on operating performance, Chris. K. Y. Lo, Andy C. L. Yeung and T.C. Edwin Cheng
- (13) Joint conference of the 4th International Conference on Operations and Supply Chain Management and the 15th Asia Pacific Decision Sciences Institute, Hong Kong and Guangzhou, China, 2010, The economic impact of ISO 14000: Some preliminary findings, Chris. K. Y. Lo, Andy C. L. Yeung and T.C. Edwin Cheng
- (14) The Second International Conference on Operations and Supply Chain Management (ICOSCM) 2008, Tai Pei, Meta-standards, Financial Performance and Senior Executive Compensation: Some finding from Chinese Manufacturing Firms, Chris. K. Y. Lo, Andy C. L. Yeung and T.C. Edwin Cheng
- (15) The Fourth International Conference for Business and Economics 2007, Nice-France, The impact of ISO 9000 on time-based efficiency: an event study. Proceedings of World Academy of Science, Engineering and Technology, 24, 30-40, Chris. K. Y. Lo, Andy C. L. Yeung and T.C. Edwin Cheng
- (16) INFORMS International, Hong Kong 2006, ISO 9000 and operating cycle time: The implications on supply chain management, Chris. K. Y. Lo, Andy C. L. Yeung and T.C. Edwin Cheng

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## TEACHING (SUBJECTS TAUGHT AND NEW SUBJECTS DEVELOPMENT)

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- (1) LGT5107 Statistical Quality Control for Manufacturing and Service (Faculty of Business) SFQ:4.3
- (2) LGT5158 Total Quality Management (Faculty of Business) SFQ:4.9

- (3) LGT6005 Strategic Quality Management (**Doctor of Business Administration – case-base teaching**) (New subject developed by Chris K. Y. Lo)
- (4) LGT5156 ISO 9000 and International Quality Management System (Faculty of Business)
- (5) ITC6975 Green production research for Fashion Supply Chain Management (New subject developed by Chris K. Y. Lo for Research Students) Guided study of using citation network analysis on literature related to sustainability and cross-disciplinary studies
- (6) ITC596 Omni-channel Fashion Retailing and Marketing (**PolyU MBA Fashion Business core subject; MA Global Fashion Management**) (New subject developed Chris K.Y. Lo) Big data analytics, social media analysis, user experience design, chatbot development, logistics management in omni-channel world, management issues in omni-channel retailing
- (7) ITC 514 Sourcing and Logistics
- (8) ITC4083E/ ITC 3214M Omni-channel Fashion Marketing and Retailing (New subject developed by Chris K. Y. Lo)  
Big data analytics, retailing analytics, social media analysis, user experience design, chatbot development and implementation, logistics management in omni-channel world
- (9) ITC4085E Sustainability in Fashion (New subject co-developed by Chris K. Y. Lo)
- (10) ITC2019M Management Principle of Fashion Business
- (11) ITC2403N Distribution and logistics in fashion retailing

**Career Average Student Feedback Score: 4.5 / 5 (2016 Faculty Teaching Excellence Award – Individual)**

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## **PROGRAMME LEADERSHIP**

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- (1) Chairman of new programme development committee – Faculty of Business (Doctor of Quality Management 2024-present)
- (2) Chairman of new programme development committee – School of Fashion and Textiles (MA in Sustainable Fashion and Innovation, 2019 - 2022)
- (3) Programme Leader of MA in Sustainable Fashion and Innovation 2022 - 2023
- (4) Programme Leader of Bachelor of Arts in Fashion and Textiles (Honour) (2019 - 2021)

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## **UNIVERSITY SERVICES**

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- (1) Chairman of School Learning and Teaching Committee, School of Fashion and Textiles (Since July 2023 – Jan 2024)
- (2) Chairman of International Branding Working Group, School of Fashion and Textiles (Since July 2023 – Jan 2024)
- (3) Member, RPPC, School of Fashion and Textiles
- (4) PolyU PhD fellowship Vetting Panel - Social Science and Humanity Panel H-panel (2022-2023)
- (5) Fashion Business Discipline Leader (2021-2023)
- (6) Deputy Chairman of Department Learning and Teaching Committee (2019 - 2023)
- (7) Faculty working group of industry liaisons, fund raising and donations (2020 - 2022)
- (5) Departmental admission officer (Senior year placement) 2019
- (6) BA program Final Year Project Chairman (2017 – 2019)
- (7) Departmental Staffing Committee member (\*Elected member) (2017 – present)
- (8) Departmental Research Committee member (2013 - 2017, 2021 -2022)
- (9) Head coach / coach of PolyU Student Team, World Retail Congress, Future Retail Challenge Competition. PolyU team was the Champion in 2012, 2013, 2016 and 2018, 2019

<https://www.worldretailcongress.com/future-retail-challenge>

- (10) Fashion and Textiles Marketing Discipline Leader (2015 - 2017 July)
- (11) Subject Coordinator for Fashion and Textiles Marketing Specialism (2014 - 2015 July)
- (12) Admission officer of high diploma in Fashion and Textiles (2014 - 2016)
- (13) Departmental Teaching and Learning Committee Member (2011 - 2012)

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## PROFESSIONAL SERVICES / MEMBERSHIPS

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- (1) Academic Advisory Panel Member, Shuen Yan University, Department of Applied Data Science.
- (2) International Professional Member, **International Organization for Standardization, Working group of Framework of implementing ESG principles.** 2024- present
- (3) Hong Kong Committee Member, **International Organization for Standardization, ISO/TC 176/SC1 Quality Systems**, Since 02/2011 for ISO 9000
- (4) Hong Kong Committee Member, **International Organization for Standardization, ISO/TC 207/SC1 Environmental Management System**, Since 02/2011 for ISO 14001
- (5) Hong Kong Committee Member, **International Organization for Standardization, ISO/TC 207/SC2 Greenhouse Gas Management and Related Activities**, Since 02/2011
- (6) Academic Specialist of **The Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ)** 2020 - present
- (7) Member of INFORMS
- (8) Member of AOM
- (9) Member of Hong Kong Fashion Innovative Technology and Sustainability sub-committee, chaired by legislative Councilor, textiles and garment sector, Hon Felix Chung. 2016 - 2020  
(Role: Develop a strategy plan for Hong Kong government to support the development of Hong Kong fashion industry)