CURRICULUM VITAE
[Jing Wu]

PERSONAL DATA

Full Name: Jing Wu 吴靖
Office Address: 920 Cheng Yu Tung Building, CUHK Business School, The Chinese University of Hong Kong
Telephone No.: +852 39435299, E-mail Address: jingwu@cuhk.edu.hk
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PROFESSIONAL EXPERIENCE

Dept. of Decisions, Operations, and Technology, CUHK Business School, Chinese University of Hong Kong

- Full Professor, 08/2025 – Present (Sabbatical Leave from 09/2026)
- Associate Professor (tenured), 07/2022 – 07/2025
- Assistant Professor, 07/2019 – 06/2022

  Master of Science in Business Analytics (Director, managing the first MScBA program in the APAC, 180 studer
  Asian Institute of Supply Chains & Logistics (Associate Director, leading the institute's research impacts, knowledge transfer, and industry partnerships)
  Department Academic Personnel Committee (Member)

Operations, Information & Technology, Graduate School of Business, Stanford University, CA, United States

- Visiting Professor, 09/2026 – Present

Operations, Technology, and Innovation, Nova School of Business & Economics, Lisbon, Portugal

- Distinguished Visiting Professor, 09/2025 – Present

Dept. of Management Sciences, College of Business, City University of Hong Kong

- Assistant Professor, 07/2016 – 06/2019

Founder of **GlobalLink AI**, a Domain-specific Large Language Model for Global Supply Chain Intelligence
Member, the **Supply Chain Thought Leaders (SCTL)** Roundtable

EDUCATION BACKGROUND

Ph.D., University of Chicago Booth School of Business, 2011-2016

- Dissertation: Firm Performance and Risk in Supply Chain Network
- Dissertation Advisor: John R. Birge
- Dissertation Committee Members: Elena Belavina, Rene Caldentey, Bryan Kelly, Christopher S. Tang

MBA, University of Chicago Booth School of Business, 2013-2016
Bachelor in Electronic Engineering, Tsinghua University, 2007-2011

MAIN RESEARCH INTERESTS

Geoeconomics and Global Supply Chains: trade wars · economic sanctions and firm

responses · geopolitical fragmentation and supply chain rerouting · friend-shoring and nearshoring · global supply chain restructuring · political ideology and global sourcing · supply chain resilience under great-power rivalry

Operations-Finance Interface and Supply Chain Finance: credit risk in supply chains · trade credit and late payments · cross-border financing · supply chain information · corporate governance in supply chains · FinTech and alternative financing · capital market consequences of operational decisions

Artificial Intelligence, Large Language Models, and Empirical Analytics: LLM-based measurement and textual analysis · agentic AI in operations and supply chains· causal machine learning and quasi-experimental identification · unstructured and alternative data · simulating managerial decision-making with LLMs

Sustainable Operations and ESG: carbon emissions measurement and disclosure · supply chain washing and selective ESG reporting · climate shocks and supply chain disruption · workplace equality and firm financial performance · geopolitics and talent reallocation

EDITORSHIP AND JOURNAL SERVICE

Associate Editor (Guest), *Management Science*, 07/2025 – Present
Associate Editor, *Manufacturing & Service Operations Management*, 01/2024 – Present
Senior Editor, *Production and Operations Management*, 11/2022 – Present
Editorial Review Board, *Journal of Operations Management*, 02/2023 – Present

Active Referee for *Management Science, Manufacturing & Service Operations Management, Production and Operations Management, Journal of Operations Management, Information Systems Research, Review of Financial Studies, National Science Foundation (NSF)*

PERSONAL MONOGRAPHS

1. 全球供应链超级趋势, CITIC Publishing Group (中信出版集团), October 2024
2. Global Trends in Manufacturing Supply Chains, Springer Publisher, April 2025

LIST OF RESEARCH OUTPUTS

(Google Scholar Citations: 2,100 as of August 2026, 15 A+, 10 A according to CUHK list)

Refereed Publications ()。

1. Ling Cen, Yanru Han, Jiaping Qiu, Jing Wu, "Artificial Intelligence Along the Supply Chain," ***Manufacturing & Service Operations Management***, conditional accepted.
2. Jie Ning, Yu Tang, Jing Wu, Jiaqi Zhu, "Risk Mitigation Role of Trade Credit for a Dual-channel Supplier: Theory and Evidence," ***Management Science***, accepted.
3. Jing Wu, Yilin Shi, Yi Liao, "Addressing Supply Chain Carbon Emissions: Measurement, Reporting, and Reduction Strategies," ***Production and Operations Management***, accepted.
4. Jing Wu, Hsiao-Hui Lee, John R. Birge, "The Hidden World of Trade Credit: The Flexibility Role of Late Payments," ***Production and Operations Management***, accepted.
5. Yimeng Niu, Jing Wu, "Internal Credit and External Blame: Attribution Bias in Supply Chain Performance," ***Manufacturing & Service Operations Management***, accepted.

6. Yuxuan Zhang, Boya Peng, Jing Wu, "Integrating Operations and Finance for Sustainable Development: Theory, Practice, and Opportunities," ***Production and Operations Management***, accepted.
7. Yilin Shi, Jing Wu, Yu Zhang, Yuqing Zhou, "Supply Chain Washing: Strategic Disclosure of Corporate Suppliers," ***Journal of Accounting and Economics***, 2026.
8. Jonathan Hsu, Zhi Li, Jing Wu, "Supply Chain Nearshoring in Response to Regional Value Content Requirements," ***Manufacturing & Service Operations Management***, 2026.
9. Nikolay Osadchiy, William Schmidt, Jing Wu, "Trade Credit and Customer Portfolio Approach to Managing Cash Flow Variability," ***Manufacturing & Service Operations Management***, 2025.
10. Miaozhe Han, Hongchuan Shen, Jing Wu, Xiaoquan Zhang, "AI Intensity and Firm Resilience: Evidence from Firm Performance under Disaster Shocks," ***Information Systems Research***, 2025.
11. Yimeng Niu, Niklas Werle, Morris A. Cohen, Shiliang Cui, Vinayak Deshpande, Ricardo Ernst, Arnd Huchzermeier, Andy Tsay, Jing Wu, "Restructuring Global Supply Chains: Navigating Challenges of the COVID-19 Pandemic and Beyond," ***Manufacturing & Service Operations Management***, 2025.
12. Yilin Shi, Christopher S. Tang, Jing Wu, "Are Firms Disclosing Emissions Voluntarily Greener?," ***Production and Operations Management***, 2025.
13. Matthew Cedergren, Ting Luo, Jing Wu, Jianqiao Yu, and Yue Zhang. "Spillover Effects of Credit Default Swaps on Corporate Disclosure along the Supply Chain," *Review of Quantitative Finance and Accounting*, 2025.
14. Yimeng Niu, Jing Wu, Shenyang Jiang, Zhibin Jiang, "The Bullwhip Effect in Servicized Manufacturers," ***Management Science***, 2024 (First *Management Science* paper using Large Language Model for text analysis).
15. Ling Cen, Yanru Han, Jing Wu, "Equal Employment Opportunity in Supply Chains," ***Production and Operations Management***, 2024.
16. Vinod Singhal and Jing Wu, "The Bullwhip Effect and Stock Returns," ***Production and Operations Management***, 2024.
17. Vernon Hsu and Jing Wu "Inventory as a Financial Instrument: Evidence from China's Metal Industries," ***Management Science***, 2023.
18. Jie Peng, Boluo Liu, Jing Wu, Xiangang Xin, "Financial Reporting Comparability and Global Supply Chains," ***Journal of International Business Studies***, 2023.
19. Senay Agca, John R. Birge, Zi'ang Wang, Jing Wu, "The Impact of COVID-19 on Supply Chain Credit Risk," ***Production and Operations Management***, 2023.
20. Haoyuan Ding, Yichuan Hu, Han Jiang, Jing Wu, Yu Zhang "Social Embeddedness and Supply Chains: Doing Business with Friends vs. Making Friends in Business," ***Production and Operations Management***, 2023.
21. Michael Hertzel, Jie Peng, Jing Wu, Yu Zhang, "Global Supply Chains and Cross-Border Financing," ***Production and Operations Management***, 2023.
22. Ben Charoenwong, Miaozhe Han, Jing Wu, "Trade and Foreign Economic Policy Uncertainty in Supply Chain Networks," ***Manufacturing & Service Operations Management***, 2022.
23. Jing Wu, Sean Zhou, Zhaocheng Zhang, "Credit Rating Prediction Through Supply Chains: A Machine Learning Application," ***Production and Operations Management***, 2022.
24. Senay Agca, John Birge, Jing Wu "The Impact of the COVID-19 Pandemic on Global Sourcing of Medical Supplies," *European Society of Medicines*, 2022.
25. Senay Agca, Vlad Babich, John R. Birge, Jing Wu, "Credit Risk Propagation Along Supply Chains: Evidence from the CDS Market," ***Management Science***, 2021.
26. Nikolay Osadchiy, William Schmidt, Jing Wu, "The Bullwhip Effect in Supply Networks," ***Management Science***, 2021.
27. William Schmidt, Nikolay Osadchiy, and Jing Wu. "The Right Way to Mix and Match your Customers," *MIT Sloan Management Review*, 2021.
28. Christopher S. Tang, S. Alex Yang, Jing Wu, "Sourcing from Suppliers with Financial Constraints and Performance Risk," ***Manufacturing & Service Operations Management***, 2018.

Papers Working or in Revision

Global Supply Chains

29. Yanduo Chen, Jing Wu, "The Geoeconomics of Imports: Evidence from the United Nations Security Council."
30. Zeyun Bei, Yaxuan Qi, Jing Wu, Yinggang Zhou, "Navigating Geopolitical Risk: How do Sanctions Shape Global Supply Chains?"
31. Ling Cen, Lauren Cohen, Jing Wu, Fan Zhang, "The Golden Revolving Door."
32. Haishi Li, Zhi Li, Ziho Park, Yulin Wang, Jing Wu, "To Comply or Not to Comply: Understanding Neutral Country Supply Chain Responses to Russian Sanctions."
33. Vernon Hsu, Boya Peng, Jing Wu, "Decoupling or Indirect Connections? The U.S.-China Trade War and Global Supply Chain Rerouting."
34. Ben Charoengwong, Jie Peng, Jing Wu, "Political Ideology and Global Sourcing."
35. Xabier Barriola, Zhi Li, Jing Wu, "The Route Not Taken: Adjustment Headroom and Firm Response to the Panama Canal Expansion."

Operations-Finance Interface

36. Kashish Arora, Boya Peng, Jing Wu, "Cost Shocks and Production Reorganization: Evidence from the Goods and Services Tax Reform in India."
37. Chang Suk Bae, Jen Choi, Jeong Ho (John) Kim, Jing Wu, "Firm Innovation Outcomes and Trade Credit Financing."
38. Ling Cen, Michael Hertzel, Yilin Shi, Jing Wu, "Labor Coordination and Division: Human Capital Investment in Supply Chains."
39. Yanru Han, Jing Wu, Shuyue Yi, Kailun Zhang, "The Impact of Shared Customers on Supplier Innovation Collaboration."
40. Xiaoran Ma, Brian W. Jacobs, Vinod Singhal, Jing Wu, "Stock Market Reaction to the October 2022 US Export Restrictions of Semiconductor Technology to China"

Artificial Intelligence and Operations Management

41. Xiaoran Ma, Di (Andrew) Wu, Jing Wu, "When Artificial Intelligence Meets Behavioral Studies: A Framework with Large Language Models."
42. Jincheng Fang, Jia Liu, Ying Liu, Jing Wu, "Decoding the Sales Impact of Persuasive Strategies in Livestream Selling."
43. Han Jiang, Xiaoran Ma, Jing Wu, "Simulating Firm-level Decision Making With LLMs: A Scalable Experimental Framework."

Sustainable Operations Management

44. Haoyuan Ding, Daming Huang, Jing Wu, "Climate Shocks in Global Supply Chains: Lead Time Delay, Inventory Buffering, and Firm Performance."
45. Ling Cen, Yanru Han, Chang Liu, Jing Wu, "The Rise of Conscious Consumers: The Cash Flow Implications of Corporate Workplace Equality."
46. Mingxia Li, Yimeng Niu, Jing Wu "Drawing Borders, Losing Talent: Geopolitical Risk and Workforce Reallocation."

Book Chapters

1. Yimeng Niu, Vinod Singhal, Jing Wu (2026), "Supply Chain Resilience to the COVID-19 Lockdown" *Foundations and Trends in Technology, Information, and Operations Management*
2. Shenyang Jiang, Zhibin Jiang, Yimeng Niu, Jing Wu (2023), "The Impact of Servicization of Manufacturing Firms on Bullwhip Effects", *Foundations and Trends® in Technology, Information and Operations Management:* 16 (3–4). pp. 304-317, 2023.
3. Jing Wu and Yang Xu (2020) "Supply Chain Structure and Competitor Relationship", *The Oxford*

Handbook of Supply Chain Management, 2020.

4. Christopher S. Tang, S. Alex Yang, and Jing Wu (2019), "Financing Suppliers under Performance Risk", *Foundations and Trends in Technology, Information and Operations Management* 12 (2-3). pp. 135-151, 2019.

INVITED PRESENTATIONS/ LECTURES

Invited Presentations/ Lectures at Conferences, Workshops, Research Institutes and Universities (Total: over 180 talks since 2016)

Selected Conference Presentations:

- "The Geoeconomics of Imports: Evidence from the United Nations Security Council", 2026 Stigler Center-CEPR Political Economy of Finance Conference, Nov 6, 2026
- "The Geoeconomics of Imports: Evidence from the United Nations Security Council", 2026 China Financial Research Conference (CFRC), Beijing, China, July 2–3, 2026
- "The Geoeconomics of Imports: Evidence from the United Nations Security Council", 2026 China International Conference in Finance (CICF), Hong Kong SAR, June 26-29, 2026
- "What Makes a Great Empirical OM Paper: From Causal Identification to Data-Driven Frontiers", Supply Chain Finance Symposium, TUM School of Management, Heilbronn, Germany, June 23-24, 2026
- "How Do Sanctions Shape Global Supply Chains?", Commodity and Energy Markets Association (CEMA) Annual Meeting, Paris, France, June 15-16, 2026
- "To Comply or Not to Comply: Understanding Neutral Country Supply Chain Responses to Russian Sanctions", ESSEC Operations-Finance Workshop, Paris, France, June 17, 2026
- "The Geoeconomics of Imports: Evidence from the United Nations Security Council", Asian Bureau of Finance and Economic Research (ABFER) 13th Annual Conference, Singapore, May 18-21, 2026
- "Navigating Geopolitical Risk: How do Sanctions Shape Global Supply Chains?", 2026 Supply Chain Finance & Risk Management Workshop, Singapore Management University, Singapore, May 18-19, 2026
- "Decoding the Sales Impact of Persuasive Strategies in Livestream Selling", Michigan Workshop on Unstructured Data and Language Models, May 22-23, 2025
- "Decoding the Sales Impact of Persuasive Strategies in Livestream Selling", 2025 Supply Chain Finance & Risk Management Workshop, Olin Business School, Washington University in St. Louis, St. Louis, MO, USA, May 16-17, 2025
- "Secondary Data in Operations Management", Workshop on Empirical Operations Management (WEOM), January 6, 2025
- "Supply Chain Cash Flow Chess: Seasonality in Trade Credit Late Payment", The 2024 M&SOM Conference, Minnesota, July 1-2, 2024
- "Decoupling or Indirect Connections? The U.S.-China Trade War and Global Supply Chain Rerouting", The 2024 M&SOM Conference, Minnesota, July 1-2, 2024
- "The Hidden World of Trade Credit: The Flexibility Role of Late Payments", The 2024 M&SOM SIG Conference (iFORM), Minnesota, June 30, 2024
- "The Bullwhip Effect in Servitized Manufacturers", Michigan Workshop on Unstructured Data and Language Models, June 28-29, 2024
- "The Hidden World of Trade Credit: The Flexibility Role of Late Payments", 2024 Supply Chain Finance & Risk Management Workshop, May 25-26, 2024
- "Are Firms Voluntarily Disclosing Emissions Greener?", Wharton Workshop on Empirical Research in Operations Management (EMPOM), Philadelphia, October 12-13, 2023
- "The Golden Revolving Door: Hedging through Hiring Government Officials", 2023 The Northern Finance Association (NFA) Annual Conference, Toronto, Sept. 8-10, 2023

- "The Golden Revolving Door: Hedging through Hiring Government Officials", European Finance Association (EFA) 50th Annual Meeting, Amsterdam, the Netherlands, August 16-19, 2023
- "Keynote Talk: Large Language Models in Business Research", The 8th International Conference on Smart Finance, August 5-6, 2023
- "The Golden Revolving Door: Hedging through Hiring Government Officials", 2023 China International Conference in Finance (CICF), Shanghai, China, July 6-9, 2023
- "Modeling Supply Chain Network with Semiparametric Matrix Variate Factor Models", The 2023 M&SOM Conference, Montreal, June 25-26, 2023
- "Supply Chain Nearshoring in Response to Regional Value Content Requirements", Supply Chain Finance & Risk Management Workshop, Olin Business School, Washington University in St. Louis, St. Louis, MO, USA, May 30-31, 2023
- "Invited Tutorial: Managing Supply Chains in the Post-pandemic New Normal", National Conference on Supply Chain and Operation Management (ISCOM), December 9-11, 2022
- "The Development and Regulation of Crypto", International Conference on Cryptocurrency and Central Bank Digital Currency: Opportunities, Risks, and Regulation, The Chinese University of Hong Kong, Hong Kong SAR, December 2-3, 2022
- "Keeping Your Friends Closer: Friend-shoring in Response to Regional Value Content Requirements", International Conference on US-China Trade Disputes and Rearchitecteure in Globalization, Tsinghua PBCSF, Beijing, December 2-3, 2022
- "AI Intensity and Firm Resilience: Evidence from Firm Performance under Disaster Shocks", The 15th China Summer Workshop on Information Management, August 20-21, 2022
- "Labor Coordination and Division: Human Capital Investment in Supply Chains", 2022 China International Conference in Finance (CICF), Shanghai, China, July 6-8, 2022
- "Bullwhip Effect in Servitized Manufacturers", 2022 Supply Chain Finance & Risk Management Workshop, WUSTL, St. Louis, May 13-15, 2022
- "Green Image in Supply Chains: Selective Disclosure of Corporate Suppliers", 57th Annual Conference of the Western Finance Association (WFA), Portland, June 24-27, 2022
- "Green Image in Supply Chains: Selective Disclosure of Corporate Suppliers", The 2022 M&SOM SIG Conference (iFORM), Munich, June 28-June 30, 2022
- "Empirical Research in Supply Chains and Global Sourcing", Joint Seminar by AIFT and Columbia University, Dec 17, 2021
- "Invited Tutorial: Empirical Research Using Supply Chain Data", National Conference on Supply Chain and Operations Management (ISCOM), Hangzhou, China, Nov 26-28, 2021
- "Global Supply Chains and Cross-Border Financing", 2021 China International Conference in Finance (CICF), Shanghai, China, July 6-9, 2021
- "The Impact of COVID-19 on Supply Chain Credit Risk", The 2021 M&SOM SIG Meeting (Supply Chain Mgmt), Online, June 5-6, 2021
- "Not Coming Home: Trade and Economic Policy Uncertainty in American Supply Chain Networks", The 2021 M&SOM SIG Meeting (iFORM), Online, June 5-6, 2021
- "Corporate Social Responsibility in Supply Chain: Green or Greenwashing?", The 2021 M&SOM Conference, Online, June 7-10, 2021
- "Not Coming Home: Trade and Economic Policy Uncertainty in American Supply Chain Networks", Joint Productivity Research Network (PRN) and Asian Development Bank Institute (ADBI) Conference, Tokyo, Japan, Sept 8, 2020
- "Corporate Social Responsibility in Supply Chain: Green or Greenwashing?", OM/FIN Interface Seminar, Stephen M. Ross School of Business University of Michigan, Aug 6, 2020
- "Global Supply Chains and Cross-Border Financing", Wharton Workshop on Empirical Research in Operations Management (EMPOM), Sept 12-13, 2019
- "Global Supply Chains and Cross-Border Financing", The 2019 M&SOM SIG Meeting (iFORM), Singapore, June 30-July 2, 2019
- "The Financing Role of Inventory: Evidence from China's Metal Industries", The 2019 M&SOM Conference, Singapore, June 30-July 2, 2019

- "The Endemic Population-Trust and Supply Chain Networks", The 2019 M&SOM Conference, Singapore, June 30-July 2, 2019
- "The Bullwhip Effect in Supply Networks", The 2019 M&SOM Conference, Singapore, June 30-July 2, 2019
- "Inventory as a Financial Instrument: Evidence from China's Metal Industries", 8th European Supply Chain Finance Symposium, London, UK, June 19-20, 2019
- "The Financing Role of Inventory: Evidence from China's Metal Industries", 2019 Supply Chain Finance & Risk Management Workshop, St. Louis, May 12-13, 2019
- "Credit Shock Propagation Along Supply Chains: Evidence from the CDS Market", 2018 SFS Cavalcade Asia-Pacific, Singapore, Dec 13-15, 2018
- "The Bullwhip Effect in Supply Networks", Wharton Workshop on Empirical Research in Operations Management (EMPOM), Sept 27-28, 2018
- "Credit Shock Propagation Along Supply Chains: Evidence from the CDS Market", 2018 The Northern Finance Association (NFA) Annual Conference, Quebec, Sept 21-23, 2018
- "Credit Shock Propagation Along Supply Chains: Evidence from the CDS Market", U.S. Securities and Exchange Commission, October 1, 2018
- "Credit Shock Propagation Along Supply Chains: Evidence from the CDS Market", the International Monetary Fund, Mar 12, 2018
- "Credit Shock Propagation Along Supply Chains: Evidence from the CDS Market", Federal Reserve Board, Nov 2, 2017

Selected Seminar Presentations:

- "Cost Shocks and Production Reorganization: Evidence from India's Goods and Services Tax Reform", HEC Paris Seminar (June 18, 2026)
- "How Do Sanctions Shape Global Supply Chains?," Invited Seminar, University of Macau, Macau SAR, China, September 24, 2025.
- "Empirical Research in Operations and Supply Chain Management: Overview on Questions and Insight," Invited Seminar, Tsinghua University School of Economics and Management, Beijing, China, September 19, 2024.
- "Unraveling Causality: Econometric Models in Empirical Operations Management," Invited Seminar, Tsinghua University School of Economics and Management, Beijing, China, September 12, 2024.
- "The Bullwhip Effect in Servitized Manufacturers: Textual Analysis Using Large Language Models (LLMs)," Invited Seminar, Tsinghua University School of Economics and Management, Beijing, China, September 10, 2024.
- "Large Language Models for Business Research," Invited Seminar, The Hong Kong Polytechnic University Faculty of Business, Hong Kong, January 9, 2024.
- "Large Language Models for Business Research," Invited Seminar, The University of Hong Kong Faculty of Business and Economics, Hong Kong, November 22, 2023.
- "The Golden Revolving Door: How Government Supply Chains Work," Invited Seminar, Syracuse University, October 21, 2023.
- "The Golden Revolving Door: How Government Supply Chains Work," Invited Seminar, MIT Sloan School of Management, Cambridge, MA, October 23, 2023.
- "The Golden Revolving Door: How Government Supply Chains Work," Invited Seminar, Case Western Reserve University, October 13, 2023.
- "'China Shock' Effect Prompts Scramble to Respond," Invited Talk, National Press Foundation, July 25, 2023.
- "The Golden Revolving Door: Hedging through Hiring Government Officials," Invited Seminar, UNC Kenan-Flagler Business School, June 8, 2023.
- "The Golden Revolving Door: How Government Supply Chains Work," Invited Seminar, Fudan University School of Management, Shanghai, China, May 9, 2023.

- "The Golden Revolving Door: Hedging through Hiring Government Officials," Invited Seminar, Singapore Management University, March 10, 2023.
- "The Golden Revolving Door: Hedging through Hiring Government Officials," Invited Seminar, Nanyang Business School, Nanyang Technological University, March 8, 2023.
- "The Golden Revolving Door: Hedging through Hiring Government Officials," Joint DAO-IORA Seminar Series, National University of Singapore Business School, March 3, 2023.
- "Keeping Your Friends Closer: Friend-shoring in Response to Regional Value Content Requirements," Invited Seminar, Tsinghua University CIFER, Beijing, China, December 2, 2022.
- "Keeping Your Friends Closer: Near-shoring in Response to Local Content Requirements," Invited Seminar, IESE Business School, Barcelona, Spain, November 15, 2022.
- "Equal Employment Opportunity in Supply Chains," Invited Seminar, Emory University, Goizueta Business School, October 28, 2022.
- "Labor Coordination and Division: Human Capital Investment in Supply Chains," Invited Seminar, Arizona State University, October 26, 2022.
- "Keeping Your Friends Closer: Supply Chain Near-shoring in Response to Local Content Requirements," Invited Seminar, NYU Stern School of Business, October 14, 2022.
- "The Rise of Conscious Consumers: The Cash Flow Implications of Corporate Workplace Equality," Invited Seminar, HKUST (Guangzhou), Oct. 14, 2022.
- "The Rise of Conscious Consumers: The Cash Flow Implications of Corporate Workplace Equality," Invited Seminar, George Washington University, Oct 11, 2022.
- "Golden Revolving Door: How Government Supply Chains Work," Invited Seminar, Georgetown University McDonough School of Business, Oct. 10, 2022.
- "Equal Employment Opportunity in Supply Chains," Invited Seminar, Shanghai Jiao Tong University Antai School of Management, June 3, 2022.
- "Green Image in Supply Chains: Selective Disclosure of Corporate Suppliers," Innovation & Information Management Seminar, The University of Hong Kong, March 24, 2022.
- "Corporate Social Responsibility in Supply Chain: Green or Greenwashing?" Joint OM/IE Seminar, HKUST Business School, March 11, 2022.
- "Corporate Social Responsibility in Supply Chain", Tsinghua University SEM, June 3, 2021
- "Empirical Research Using Supply Chain Data A Tutorial and Literature Review", Distinct Academic Forum, CUFE Business School, May 27, 2021
- "Global strategy and innovation research in emerging markets Current trends and future directions", CUFE-BS Academic Seminar, CUFE Business School, May 27, 2021
- "Corporate Social Responsibility in Supply Chain: Green or Greenwashing?", Peking University School of Economics, May 14, 2021
- "COVID-19 and Supply Chain Risk", COVID-19 Webinar Series, CUHK Business School, Nov. 27, 2020
- "The Impact of COVID-19 on Supply Chain Credit Risk", CUFE-BS Academic Seminar, CUFE Business School, Nov. 3, 2020
- "Not Coming Home: Trade and Economic Policy Uncertainty in American Supply Chain Networks", Asian Development Bank, Sept. 10, 2020
- "The Financing Role of Inventory: Evidence from China's Metal Industries", HKUST Business School, Mar. 15, 2019
- "Credit Risk Propagation along Supply Chains: Evidence from the CDS Market", Innovation and Information Management Seminar, HKU Faculty of Business and Economics, Jan. 23, 2019
- "Global Supply Chains and Cross-Border Financing", Innovation and Information Management Seminar, HKU Faculty of Business and Economics, Nov. 23, 2018
- "Credit Shock Propagation Along Supply Chains: Evidence from the CDS Market", U.S. Securities and Exchange Commission, Oct. 1, 2018
- "The Bullwhip Effect in Supply Networks", USTC School of Management, Sept. 21, 2018
- "Credit Shock Propagation Along Supply Chains: Evidence from the CDS Market", the International Monetary Fund, Mar. 12, 2018

- "Credit Event Contagion in Supply Chains", PolyU Faculty of Business, Mar. 9, 2018
- "Credit Shock Propagation Along Supply Chains: Evidence from the CDS Market", Federal Reserve Board, Nov. 2, 2017
- "Credit Event Contagion in Supply Chains", Singapore Management University, Oct. 9, 2017
- "Supply Chain Contagion in Credit Default Swap Market", Peking University Guanghua School, Sept. 25, 2017
- "Supply Chain Contagion in Credit Default Swap Market", Tsinghua University SEM, Sept. 22, 2017
- "The Age of Machine Intelligence - A Comparison between US and China Quantitative Equity Strategy", Tsinghua University SEM, Sept. 22, 2017
- "Credit Shocks in Supply Chains", HKUST Business School, Sept. 15, 2017

CONFERENCE ORGANIZATION

- Host and Organizing Chair, Supply Chain Thought Leaders (SCTL) Roundtable 2027, Hong Kong & Shenzhen, January 2027.
- Steering Committee Chair and Founding Chair, Workshop on Empirical Operations Management (WEOM), 2024, 2025, 2026, 2027.
- Co-Program Committee Chair (Finance and Risk Management Track), MSOM, 2026.
- Program Chair, The 9th International Conference on Smart Finance, 2024.
- Track Chair (Supply Chain Management), POMS, 2024.
- Track Chair (iFORM Cluster), INFORMS, 2023.
- Platform Chair, The 9th International Conference on Smart Finance, 2024.
- Track Chair (Finance and Operations Management), The 7th International Conference on Smart Finance (ICSF), 2022.
- Track Chair (Finance and Operations Management), POMS 32nd Annual Conference, 2022.
- Track Chair (Finance and Operations Management), POMS 31st Annual Conference, 2021.
- Committee Member, Conference of Unsolved Problems (CUHK SOUP), 2021.
- Program Committee and Chair for Career Fair: POMS-HK Conference, Hong Kong, 2019.

RESEARCH GRANTS

Competitive Grants

- PI, National Science Fund for Distinguished Young Scholars, NSFC, RMB2,800,000, 2026-2031
- PI, General Research Fund 14505325, Global Supply Chain Adjustments under Geopolitical Risks, HK$740,000, 01/01/2026-12/31/2027
- Co-PI, Corporate Innovation Index 2023 – Unlocking Innovation Potential among the SMEs, HKSAG, HK$3,000,000
- PI, NSFC Young Researcher Fund 72201230, Global Supply Chain Risks and Restructuring: An Empirical Study, RMB300,000, 01/01/2023-12/31/2025
- Co-I, General Research Fund 14506522, Corporate Equality and Diversity: The Roles of Sell-Side Analysts and Buy-Side Institutions, HK$730,000, 01/01/2023-12/31/2025
- PI, General Research Fund 14504621, Globalization 2.0: Supply-Chain Restructuring after Sino-US Trade War and Covid-19 Pandemic, HK$688,293, 01/01/2022-12/31/2024
- PI, General Research Fund 14505320, Labor Skills on Firm Performance: A Study from Unstructured Online Job Postings, HK$406,000, 01/01/2021-12/31/2023
- Co-I, General Research Fund 14504920, Supply-Chain Coordination of Human Capital Investment, HK$502,490, 01/01/2021-12/31/2022

Non-Competitive Grants

- PI, CUHK Business School Faculty Direct Fund, HK$40,000, 2020-2021
- PI, CUHK Business School Faculty Direct Fund, HK$50,000, 2019-2020
- PI, City University of Hong Kong Strategic Research Fund, HK$100,000, 2017-2019
- PI, City University of Hong Kong Start-Up Fund, HK$200,000, 2016-2019

AWARDS AND HONORS

- 2026 National Science Fund for Distinguished Young Scholars (Category A), NSFC
- 2024 Faculty Teaching Merit Award
- 2023 M&SOM Meritorious Service Award
- 2023 Young Researcher Award, the Chinese University of Hong Kong
- 2022 China Summer Workshop on Information Management (CSWIM) Best Paper Award
- 2021 M&SOM Meritorious Service Award
- 2021 The 13th International Conference of the Chinese Scholars Association for Management Science and Engineering (CSAMSE) Best Paper Award
- 2020 M&SOM Meritorious Service Award
- 2019 The 12th International Conference of the Chinese Scholars Association for Management Science and Engineering (CSAMSE) Best Paper Award
- 2016 The Farsight Award, Long Finance's London Accord
- 2015 Fama-Miller Center Grant for Research in Finance
- 2014 John and Serena Liew Fellowship, Chicago Booth
- 2011 Sidney Davidson PhD Fellowship, Chicago Booth
- 2011 Tsinghua University Outstanding Graduate (top 1%)
- 2009-2011 First-Class Scholarship for Academic Excellence, Tsinghua University
- 2009 UGVR Scholarship, Stanford University

RESEARCH STUDENTS

Current PhD Students
Xiaoran Ma, 2022 – Present
Boya Peng, 2022 – Present
Zhi Li, 2023 – Present
Mingxia Li, 2025 – Present

Graduated PhD Students
Yilin Shi (advisor), 2021-2026
Placement: Fudan University, China
Fan Zhang (joint thesis supervision), 2020-2025
Placement: The University of Sydney, Australia
Yimeng Niu (Post-doc advisor), 2023-2024
Placement: Tilburg University, Netherlands
Miaozhe Han (joint thesis supervision), 2019-2024
Placement: Hong Kong University of Science and Technology, Hong Kong
Yanru Han (joint thesis supervision), 2018-2023
Placement: Stevens Institute of Technology, United States
Jie Peng (advisor), 2019 – 2023
Placement: Tongji University, China

Visiting PhD Students
Linman Li, 2024-2025 (Shanghai Jiao Tong University)

Xiao Xiao, 2023-2024 (Shanghai Jiao Tong University)
Shuyue Yi, 2023-2024 (Fudan University)
Xinge Ding, 2023-2024 (Renmin University)
Yimeng Niu, 2022-2023 (Shanghai Jiao Tong University)
Mingjian Nie, 2021-2022 (Renmin University)
Yang Xu, 2019-2020 (University of Science and Technology of China)

Full-time Research Assistants
Weihua He 2025 – 2026
Placement: PhD Student, Chinese University of Hong Kong
Xingsheng Yang 2024 – 2025
Placement: PhD Student, City University of Hong Kong
Yujie Chang 2022 – 2023
Placement: Master in Data Science, Harvard University
Zhuo Chen, 2020 – 2021
Placement: PhD Student, Department of Finance, Boston College
Jing Yao, 2019 – 2020
Placement: PhD Student in Operations Management, HKU Business School
Xin Xiong , 2018 – 2019
Placement: PhD Student, Department of Finance, MIT Sloan
Qingyuan Chai, 2018 – 2019
Placement: PhD Student, Department of Economics, Boston University
Chengye Yang 2017 – 2018
Placement: Quantitative Alpha Researcher, Morgan Stanley
Zhou Qi, 2017 – 2018
Placement: Quantitative Researcher, Millennium
Boran Wang, 2016 – 2017
Placement: Quantitative Analyst, RBC
Zhaocheng Zhang, 2016 – 2017
Placement: PhD Student, Faculty of Economics, University of Cambridge

TEACHING EXPERIENCE

Geopolitics and Global Business Environment (EMBA level)
This course equips senior executives with a data-driven and geoeconomic framework for navigating an era of intensifying geopolitical disruption. Drawing on cutting-edge empirical research, the course examines the structural shift in global supply chains from efficiency-first (just-in-time) to resilience-first (just-in-case) paradigms and uses quantitative analysis to uncover the "shadow routes" and hidden dependencies forged under the U.S.-China trade war through intermediaries such as Vietnam, Mexico, and India. Topics span macro-level geopolitical dynamics—including U.S. national security strategy, sanctions regimes, and the geoeconomics of international institutions—and micro-level management tools, including the use of large language models (LLMs) to monitor geopolitical risk and identify ESG compliance traps. Through in-depth case studies of BYD, TikTok, SHEIN, and Lenovo, students develop the strategic acuity to formulate precise hedging strategies, manage global stakeholders, and identify opportunities amid economic realignment.

Strategic Management of Innovation (EMBA level)
This course is designed to provide senior executives with a systematic and action-oriented framework for innovation strategy, integrating economic theory, data intelligence, and frontier business models into a unified decision-making architecture. Drawing on growth theory from Solow to Romer, platform competition, game-theoretic timing, and real options valuation, the course builds a rigorous analytical

foundation for understanding why and how innovation happens—and how to govern it strategically. Students learn to harness alternative data sources, including global patent databases and high-talent mobility flows, to generate competitive intelligence and identify emerging strategic opportunities before they become widely visible. The course further decodes the innovation logic of world-leading firms such as NVIDIA (servitization), BYD (supply chain finance), and SHEIN (data-driven agility), while exploring disruptive technologies including LLMs, Agent AI, digital twins, stablecoins, and real-world asset tokenization, alongside China's urban innovation ecosystems and regional development models. Guest speakers from frontier industries and student group research presentations ensure that strategic insight is translated into executable action.

Advanced Topics in Global Operations and Supply Chain Strategies (DBA level)
This course offers doctoral students a rigorous and multidimensional understanding of global supply chains—tracing their historical evolution, analyzing current structural pressures, and anticipating future trajectories—with particular attention to China's pivotal and evolving role. The course examines the key forces driving deglobalization trends, including the U.S.-China trade war, the COVID-19 pandemic, the Russia-Ukraine conflict, and the rise of non-tariff trade barriers, exploring how these disruptions have accelerated reshoring, nearshoring, and regional integration strategies. Students engage with empirical research at the frontier of supply chain management and work on group projects using data visualization tools to assess the impact of trade policy on global sourcing networks. Through case studies on corporate supply chain restructuring and the overseas expansion of Chinese firms, the course develops students' ability to think strategically about supply chain resilience and to generate original, evidence-based insights relevant to both academic research and executive decision-making.

Empirical Operations Management (PhD level)
This course offers doctoral students a rigorous and up-to-date foundation in empirical research methods for operations management, with the dual goal of cultivating the ability to identify high-impact research questions and to execute credible empirical designs. On the methodology front, the course covers the modern causal inference toolkit—including difference-in-differences with staggered adoption and heterogeneous treatment effects, instrumental variables, regression discontinuity designs, and synthetic control methods—as well as machine learning for causal inference (double/debiased ML and causal forests). Students are also trained in text-as-data and unstructured data methods, including large language models (LLMs) for measurement, classification, and the analysis of managerial narratives from earnings calls, news, and regulatory filings. Substantive topics span the core domains of OM—inventory management, global supply chains, operations-finance interface, and sustainable operations—as well as frontier areas including geopolitical risk and supply chain resilience, AI adoption in firm operations, platform and gig-economy operations, and the use of novel data sources.

Quantitative Asset Management (MBA and MSc level)
This course equips students with a rigorous and contemporary toolkit for quantitative investing and data-driven asset management, bridging foundational theory with the frontier practices reshaping the industry. Core topics include empirical asset pricing (CAPM, multi-factor models), alpha factor construction and validation using performance attribution, and portfolio optimization beyond mean-variance. A central theme of the course is the revolution in alternative data and machine learning for investment: students learn how satellite imagery, credit card transactions, supply chain shipping records, job postings, and web-scraped data are systematically transformed into tradable signals, and how gradient boosting, deep learning, and transformer-based models are deployed for return prediction, earnings surprise forecasting, and dynamic factor timing. The course also covers large language models (LLMs) applied to financial text such as earnings call transcripts, 10-K filings, and analyst reports. Students further examine smart beta, ESG integration, systematic macro and long/short equity strategies, and the operational infrastructure of quantitative hedge funds. This course is ideal for students targeting careers in asset management, hedge funds, or other quantitative strategy roles.

FinTech and Its Application (MBA & MSc level)
This course provides a comprehensive and practice-oriented journey through the core building blocks of modern financial technology, structured to take students from foundational concepts to real-world applications. The curriculum covers the evolving FinTech landscape, the use of digital footprints and alternative data in credit and investment decisions, automated platform lending, and quantitative investing strategies informed by machine learning and supply chain alpha signals. Transformative technologies are examined in depth, including Bitcoin and blockchain protocols, stablecoin mechanics, the tokenization of real-world assets (RWA), and the application of large language models (LLMs) in financial services such as robo-advising and trading signal generation. The course concludes with a critical examination of FinTech regulation using the landmark Ant Financial case, and is assessed through hands-on group projects on platform lending, fund performance analysis, and blockchain solution design, making it particularly valuable for students pursuing careers in finance, technology, or platform economics.

Business Intelligence and Its Applications (MSc level)
This course provides a comprehensive and hands-on introduction to modern business data analytics, spanning the full pipeline from raw data to managerial decision-making. Core topics include data preparation and visualization, supervised learning (linear and logistic regression, decision trees, random forests, gradient boosting, and neural networks), unsupervised learning (clustering, dimensionality reduction, and kernel methods), and causal machine learning. A significant portion of the course is dedicated to natural language processing in the era of large language models (LLMs): students learn transformer-based architectures, prompt engineering, retrieval-augmented generation (RAG), and fine-tuning techniques, with applications in sentiment analysis, document intelligence, and AI-assisted business reporting. The course further covers graph neural networks for economic network analytics, explainable AI (XAI) for model interpretability, and real-time/streaming analytics for dynamic business environments. Python is used throughout, with hands-on exposure to industry-standard libraries including scikit-learn, PyTorch, Hugging Face Transformers, and LangChain. Projects apply these tools to consumer product data, financial time series, supply chain records, and Internet text, equipping students with the practical skills to deploy state-of-the-art analytics in data-rich business contexts.

Operations Management (MSc level)
This core course develops students' ability to design, manage, and continuously improve the operational processes that underpin a firm's competitive advantage across dimensions of cost, quality, speed, and variety—capabilities equally critical in manufacturing, retail, financial services, healthcare, and platform-based businesses. The course grounds students in enduring principles—demand forecasting, inventory optimization, capacity planning, process flow analysis, Just-in-Time, risk pooling, and supply chain coordination—while systematically extending these frameworks to the realities of modern operations: AI-driven demand forecasting and dynamic pricing, digital twin–enabled process optimization, omnichannel fulfillment and platform operations, and sustainable and resilient supply chain design in an era of geopolitical disruption and climate risk. Students critically evaluate both classic paradigms (Quick Response, lean operations) and emerging practices such as servitization, real-time data-driven operations management, and the operational implications of generative AI adoption, developing the analytical and strategic judgment needed to lead operational transformation in complex, uncertain business environments.

INTERNAL SERVICE

Department
Member, Department Academic Personnel Committee, 08/2026 – Present
Interviewer, Departmental New Faculty Recruitment, 07/2019 – Present
Member, Departmental Ph.D. Students Recruitment Interview Committee, 07/2019 – Present
Coordinator, Departmental Research Seminar, 09/2020 – 08/2021

Coordinator, Departmental Social Committee, 09/2020 – 08/2021

Faculty
Faculty MSc Programme Coordinator, 09/2025 – Present
Director, MSc in Business Analytics Program, 07/2023 – Present
--- Hosted and attended the 1st Hong Kong Higher Education Expo on March 15 2023.
Member, FMBA Program Committee, 09/2023 – Present
Associate Director, MSc in Business Analytics Program, 07/2022 – 06/2023
Elective Member, Board of the Faculty of Business Administration, 09/2021 – Present
Committee Member, Faculty Disciplinary Committee, 09/2021 – 06/2023
IBBA Academic Advisor for Business Analytics (BA) Concentration, 09/2021 – 06/2022
Active Contributor to the Faculty Magazine and China Business Knowledge (CBK), 07/2019 – Present
--- Contributed 6 original CBK Articles and 1 Interview Video
Member, MBA Students Recruitment Interview Committee, 09/2021 – Present

University
Member, Research Data Management Committee, 01/2024 – Present
Committee Member, Hong Kong-Shenzhen Finance Research Center, 01/2020 – Present
Associate Director, Asian Institute of Supply Chains & Logistics, 04/2022 – Present

Previous Service at City University of Hong Kong (07/2016-06/2019)
Deputy Program Director, BSc Computational Finance, 08/2017-06/2019
Departmental Advisor, Minor in Supply Chain Management, 07/2016-06/2019
Interviewer, Departmental New Faculty Recruitment, 07/2016-06/2019
Member, Departmental Ph.D. Students Recruitment Interview Committee, 07/2016-06/2019
Interviewer, Departmental Undergraduate Students Recruitment, 07/2016-06/2019

EXTERNAL SERVICE

Grant Reviewer, Research Grants Council (RGC) of Hong Kong, 2026 – Present
External Reviewer for School of Management and Economics, CUHK-Shenzhen, 09/2023 – Present
Journal Review Committee Member, INFORMS, 01/2023 – Present
Reviewer, the Economics Program, National Science Foundation (NSF), 09/2019 – Present
Senior Scientist (advisory), Laboratory for AI-Powered Financial Technology, 03/2021 – Present

Reviewer, Fudan University School of Management Academic Personnel Committee, 12/2022 – Present
Reviewer, Zhejiang University School of Management Academic Personnel Committee, 07/2025 – Present

INDUSTRY EXPERIENCE

Strategist, Quantitative Equity Strategy
Deutsche Bank, New York, NY 2015-2016

- To assist with research projects in Yin Luo's group under Deutsche Bank Securities, ranked 1st in All-America Quantitative Research Team by Institutional Investor.
- Led a project to model economic information in companies' supply chain network of customer-supplier relationships and published a comprehensive investment strategy report on alpha opportunities and sector rotations using Oracle SQL, R, and Bloomberg terminal.
- Wrote an industry-recognized strategy, "The Logistics of Supply Chain Alpha," based on supply chain data.

Research Associate, *Decision and Information Sciences*
Argonne National Laboratory, Lemont, IL 2012-2014

- Led stochastic unit commitment and economic dispatch MIP simulations on the high penetration of wind and solar on grid integration using CPLEX on IBM Blue Gene/Q supercomputer.

Business Analyst
McKinsey & Company, Shanghai, China 2010-2011

- Prepared over 50 presentation slides on quantitative analysis on the topics of competitive landscape, global expansion, and M&A strategy for clients in global contracting industries.

MEDIA COVERAGE

My research is covered by a total of 400+ media articles or citations in 20+ countries globally, including popular business outlets such as The Economist, Forbes, and Barron's. Below are some selected links.

(1) "Trade Wars Can Discourage Domestic Production," *WSJ*, April 14, 2025.
(2) "What effect will the U.S. tariff have on China?" *Xinhua News Agency*, April 14, 2025.
(3) "Managing Supply Chain Risks in the Age of Trump," *INSEAD Knowledge*, Feb 4, 2025.
(4) "Neutral Countries' Supply Chain Responses to Russian Sanctions," *CATO Institute*, Dec 4, 2024.
(5) "To comply or not to comply: Understanding neutral country supply chain responses to Russian sanctions," *VoxEU-CEPR*, Sept 25, 2024.
(6) "The Golden Revolving Door," *Harvard Law School Forum on Corporate Governance*, Aug 29, 2024.
(7) "Why is Workplace Equality Good for Business?," *South China Morning Post*, Jan 8, 2024.
(8) "Carbon Disclosures: Unflattering Supply Chain Data Omitted," *UCLA Anderson Review*, July 27, 2023.
(9) "China Shock' Effect Prompts Scramble to Respond," *National Press Foundation*, July 25, 2023.
(10) "The Dirty Secret Behind Companies' Carbon-Emissions Disclosures," *Barron's*, July 17, 2023.
(11) "The Future of Supply Chains," *China Business Knowledge*, May 3, 2023.
(12) "Supply Chain Health Serves As A New Way to Predict Credit Ratings," *Macau Business*, May 12, 2022.
(13) "How to Create a Better Supply Chain," *Chicago Booth Review*, Feb 16, 2022.
(14) "Opinion: Amazon is Proof of a Major Weakness in ESG Ratings: What about Carbon Emissions from the Supply Chain?" *Market Watch*, Nov 10, 2021.
(15) "From a Rare Negative Growth in Vietnam to a Surge in Chinese Orders: the Shock and Reconstruction of the Trade Pattern in the Epidemic Era," *BBC*, Oct 22, 2021.
(16) "Global Supply Chains Can Hurt a Company's Credit," *Chicago Booth Review*, August 11, 2021.
(17) "When it Makes Sense to Pay Suppliers Late," *Chicago Booth Review*, Aug 02, 2021.
(18) "How to Spot and Avoid Greenwashing in Supply Chains," *China Business Knowledge*, June 10, 2021.
(19) "The Right Way to Mix and Match Your Customers," *Sloan Management Review*, May 17, 2021.
(20) "Is a Wave of Supply Chain Reshoring around the Corner?," *The Economist*, Dec 16, 2020.
(21) "Restoring China's Supply Chain Helps US Companies Reduce Credit Risk, *Reuters*, October 29, 2020.
(22) "COVID-19 and the Future of Chinese Manufacturing," *China Business Knowledge*, May 7, 2020.
(23) "Financial Supply Chain in the COVID-19 Pandemic: Fuel or Wildfire?," *Forbes*, Apr 30, 2020.
(24) "Made in Vietnam' Goods Increasingly Popular in the US," *VOA News*, Mar 26, 2020.
(25) "Measuring the Chinese Economic Impact of COVID-19," *China Business Knowledge*, March 19, 2020.
(26) "U.S. Companies Have Not Returned to Their Homeland during the Trade War," *Reuters*, Feb 20, 2020.
(27) "U.S. Firms Not Coming Home Amid Trump's Trade War," *China Business Knowledge*, Feb 20, 2020.
(28) "Research Reveals U.S. Firms Not Coming Home amid Trump's Trade War," *Associated Press*, Feb 20, 2020.
(29) "Financial Contagion Spreads through Supply Chains," *Chicago Booth Review*, Dec 21, 2018.