

CURRICULUM VITAE

[Jing Wu]

PERSONAL DATA

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PROFESSIONAL EXPERIENCE

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

■ Associate Professor (tenured), 07/2022 – Present

■ Assistant Professor, 07/2019 – 06/2022

[Master of Science in Business Analytics](#) (Director)

[Asian Institute of Supply Chains & Logistics](#) (Director, Institute Development Office)

[Hong Kong-Shenzhen Finance Research Center](#) (Executive Committee Member)

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

■ Assistant Professor, 07/2016 – 06/2019

[MIT Institute for Data, Systems, and Society](#) (Visiting Scholar)

[Georgetown University McDonough School of Business](#) (Visiting Professor)

EDUCATION

Ph.D., Management Science (Minor in Economics and Finance), The University of Chicago Booth School of Business, 2011-2016 (Thesis supervisor: Prof. John R. Birge)

MBA, The University of Chicago Booth School of Business, 2013-2015

B.Eng, Electronic Engineering, Tsinghua University, 2007-2011

MAIN RESEARCH INTERESTS

- Supply Chain Management: global supply chain restructuring, nearshoring, geopolitics impact on supply chains, sustainable operations and supply chains, supply chain risk.
- Operations-Finance Interface: supply chain finance, supply chain credit contagion, supply chain information disclosure, supply chain cross-border financing.
- Business Intelligence and FinTech: alternative data in business analytics and forecasting, FinTech applications, machine learning applications, unstructured data, large language models (LLMs).

EDITORSHIP AND JOURNAL SERVICE

Associate Editor, *Manufacturing & Service Operations Management* (UTD24), 01/2024 – Present

Senior Editor, *Production and Operations Management* (UTD24), 11/2022 – Present

Editorial Review Board, *Journal of Operations Management* (UTD24), 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)*

LIST OF RESEARCH OUTPUTS

Refereed Publications (including late rounds)

Supply Chain Management

1. Yimeng Niu, Jing Wu, Shenyang Jiang, Zhibin Jiang, "[The Bullwhip Effect in Servicized Manufacturers](#)," *Management Science*, 2024.
2. Yimeng Niu, Niklas Werle, Morris A. Cohen, Shiliang Cui, Vinayak Deshpande, Ricardo Ernst, Arnd Huchzermeier, Andy Tsay, Jing Wu, "[Global Supply Chain Restructuring During the Covid-19 Pandemic](#)," *Manufacturing & Service Operations Management*, minor revision.
3. Jonathan Hsu, Zhi Li, Jing Wu, "[Supply Chain Nearshoring in Response to Regional Value Content Requirements](#)," *Manufacturing & Service Operations Management*, fast-track 1-round revision.
4. Ling Cen, Yanru Han, Jing Wu, "[Equal Employment Opportunity in Supply Chains](#)," *Production and Operations Management*, 2024.
5. 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.
6. Ben Charoenwong, Miaoze Han, Jing Wu, "[Trade and Foreign Economic Policy Uncertainty in Supply Chain Networks](#)," *Manufacturing & Service Operations Management*, 2022.
7. Senay Agca, John Birge, Jing Wu "[The Impact of the COVID-19 Pandemic on Global Sourcing of Medical Supplies](#)," *European Society of Medicines*, 2022.
8. Nikolay Osadchiy, William Schmidt, Jing Wu, "[The Bullwhip Effect in Supply Networks](#)," *Management Science*, 2021.

Operations-Finance Interface

9. Miaoze Han, Hongchuan Shen, Jing Wu, Xiaoquan (Michael) Zhang, "AI Intensity and Firm Resilience: Evidence from Firm Performance under Disaster Shocks," *Information System Research*, accepted.
10. Vinod Singhal and Jing Wu, "[The Bullwhip Effect and Stock Returns](#)," *Production and Operations Management*, 2024.
11. Vernon Hsu and Jing Wu "[Inventory as a Financial Instrument: Evidence from China's Metal Industries](#)," *Management Science*, 2023.
12. 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.
13. Michael Hertz, Jie Peng, Jing Wu, Yu Zhang, "[Global Supply Chains and Cross-Border Financing](#)," *Production and Operations Management*, 2023.
14. Jie Peng, Boluo Liu, Jing Wu, Xiangang Xin, "[Financial Reporting Comparability and Global Supply Chains](#)," *Journal of International Business Studies*, 2023.
15. Jing Wu, Sean Zhou, Zhaocheng Zhang, "[Credit Rating Prediction Through Supply Chains: A Machine Learning Application](#)," *Production and Operations Management*, 2022.
16. Senay Agca, Vlad Babich, John R. Birge, Jing Wu, "[Credit Risk Propagation Along Supply Chains: Evidence from the CDS Market](#)," *Management Science*, 2021.
17. Christopher S. Tang, S. Alex Yang, Jing Wu, "[Sourcing from Suppliers with Financial Constraints and Performance Risk](#)," *Manufacturing & Service Operations Management*, 2018.

Working Papers

Geopolitics and Global Supply Chains

1. Ling Cen, Lauren Cohen, Jing Wu, Fan Zhang, "[The Golden Revolving Door](#)," submitted to *American Economic Review*.
2. Haishi Li, Zhi Li, Zihao Park, Yulin Wang, Jing Wu, "[To Comply or Not to Comply: Understanding Developing Country Supply Chain Responses to Russian Sanctions](#)," to submit soon.
3. Vernon Hsu, Boya Peng, Jing Wu, "[Decoupling or Indirect Connections? The U.S.-China Trade War and Global Supply Chain Rerouting](#)," to submit soon.
4. Ben Charoenwong, Jie Peng, Jing Wu, "Political Ideology and Global Sourcing," working.

5. Weichen Wang, Jing Wu, Zhaocheng Zhang, “Tensor Factor Analysis of Global Supply Chains,” working.

Operations-Finance Interface

6. Ling Cen, Michael Hertz, Zi'ang Wang, Jing Wu, “[Labor Coordination and Division: Human Capital Investment in Supply Chains](#),” *Management Science*, reject & resubmit.
7. Jie Ning, Yu Tang, Jing Wu, Jiaqi Zhu, “[Risk Mitigation Role of Trade Credit for a Dual-channel Supplier: Theory and Evidence](#),” submitted to *Management Science*.
8. Nikolay Osadchiy, William Schmidt, Jing Wu, “[Customer Portfolio Approach to Managing Cash Flow Variability](#),” *Manufacturing & Service Operations Management*, major revision.
9. Yifan Jia, Zheng Wang, Jing Wu, Zilong Zhang, “[The Spillover Effect of Customer CEO Myopia on Supplier Firms](#),” *Journal of Operations Management*, R&R.
10. Jing Wu, Hsiao-Hui Lee, John R. Birge, “[The Hidden World of Trade Credit: The Flexibility Role of Late Payments](#),” submitted to *Production and Operations Management*.

Sustainable Operations

11. Yilin Shi, Jing Wu, Yu Zhang, Yuqing Zhou, “[Green Image Management in Supply Chains: Strategic Disclosure of Corporate Suppliers](#),” *Journal of Accounting and Economics*, major revision.
12. Ling Cen, Yanru Han, Chang Liu, Jing Wu, “[The Rise of Conscious Consumers: The Cash Flow Implications of Corporate Workplace Equality](#),” submitted to *Manufacturing & Service Operations Management*.
13. Yilin Shi, Christopher S. Tang, Jing Wu, “[Are Firms Disclosing Emissions Voluntarily Greener?](#),” *Production and Operations Management*, major revision.
14. Jincheng Fang, Jia Liu, Jing Wu, “Decoding Persuasion in Live Streaming Selling,” working.

Book Chapters

1. 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.
2. Jing Wu and Yang Xu (2020) “[Supply Chain Structure and Competitor Relationship](#)”, *The Oxford Handbook of Supply Chain Management*, 2020.
3. 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.

AWARDS AND HONORS

- 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 12nd 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 Sydney 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

INVITED PRESENTATIONS/ LECTURES

Invited Presentations/ Lectures at Conferences, Workshops, Research Institutes and Universities (Total: over 100 talks since 2014)

Selected Workshop/Conference Presentations:

- “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
- “Keynote Talk: Large Language Models in Business Research”, The 8th International Conference on Smart Finance, August 5-6, 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
- “Keeping Your Friends Closer: Friend-shoring in Response to Regional Value Content Requirements”, International Conference on US-China Trade Disputes and Rearchitecteure in Globalization, 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, May 13-15, 2022
- “Green Image in Supply Chains: Selective Disclosure of Corporate Suppliers”, 57th Annual Conference of the Western Finance Association (WFA), 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 (ADB) 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

All Invited Seminar Presentations by Institution Names:

- 2024: NUS Business School, Washington University Olin Business School, Michigan Ross, Huazhong University of Science and Technology, Hainan University
- 2023: NUS Business School, Singapore Management University, Nanyang Business School, Fudan University, Washington University Olin Business School, UNC Kenan-Flagler Business School, MIT Sloan of Management, Syracuse University, Case Western Reserve University
- 2022: Arizona State University, Chicago Booth, IESE Business School, Emory University, Georgetown University McDonough School, George Washington University, Fudan University, MIT IDSS, SJTU Antai School of Management, HKUST (Guangzhou), SUFE Business School, New York University, Washington University Olin Business School
- 2021: CUFU Business School, CUHK-Shenzhen, HKU Faculty of Business and Economics, Laboratory for AI-Powered Financial Technologies Limited, Nankai University, Peking University School of Economics, Renmin Business School, SJTU Antai School of Management, SUFE Business School, Tsinghua University SEM, Tsinghua Shenzhen Graduate School, Tianjin University, University of Toronto Rotman School, Zhejiang University
- 2020: Cornell University Johnson School, CUFU Business School, Fudan University, Michigan Ross, Sichuan University, SUFE Business School
- 2019: Chicago Booth, CUHK Business School, Dalian Maritime University, DUFE ISCA, Georgetown University McDonough School, George Mason University, George Washington University, HKU Faculty of Business and Economics, MIT IDSS, NUS Business School, PolyU Faculty of Business, USTC School of Management
- 2018: HKUST Business School, IESE Business School, Peking University Guanghua School, Sun Yat-sen University, the International Monetary Fund, Tsinghua University SEM, U.S. Securities and Exchange Commission
- 2017: Federal Reserve Board, Georgetown University McDonough School, NYU Stern School of Business, Singapore Management University, University of Illinois Chicago
- 2016: CUFU Business School, CityU College of Business, IESE Business School, PolyU Faculty of Business, SJTU Antai School of Management, SUFE Business School, University of Colorado Boulder Leeds School

All Invited Conference Presentations by Conference Names:

- 2024: Supply Chain Finance & Risk Management Workshop, Michigan Workshop on Unstructured Data and Language Models, M&SOM SIG Conference
- 2023: European Finance Association (EFA) Annual Meeting, Supply Chain Finance & Risk Management Workshop, INFORMS Annual Meeting, M&SOM Annual Meeting, POMS Annual Meeting
- 2022: National Conference on Supply Chain and Operation Management (ISCOM), International Conference on Cryptocurrency and Central Bank Digital Currency (invited panel discussion), International Conference on US-China Trade Disputes and Re-architecture in Globalization, Wharton Workshop on Empirical Operations Management, China Finance 40 Forum, China International Conference in Finance (CICF), INFORMS Annual Meeting, M&SOM SIG Conference, POMS Annual Meeting, POMS-Hong Kong Conference, Joint Seminar by AIFT and Columbia University, Supply Chain Finance & Risk Management Workshop
- 2021: Summit of Unsolved Problems (SOUP), China International Conference in Finance (CICF), CSAMSE Annual Meeting, INFORMS Annual Meeting, ISCOM Annual Meeting (invited tutorial), M&SOM Annual Meeting, POMS Annual Meeting
- 2020: ADBI PRN Joint Conference, INFORMS Annual Meeting
- 2019: CSAMSE Annual Meeting, European Supply Chain and Finance Symposium, M&SOM Annual Meeting, M&SOM SIG Conference, NFA Annual Meeting, POMS Annual Meeting, SFS Cavalcade Asia-Pacific, Supply Chain Finance & Risk Management Workshop, Wharton Workshop on Empirical Operations Management
- 2018: EEA-ESEM Annual Conference, INFORMS Annual Meeting, SFS Cavalcade Asia-Pacific, Guanghua International Symposium on Finance, NFA Annual Meeting, Supply Chain Finance & Risk Management Workshop, Wharton Workshop on Empirical Operations Management
- 2017: CSAMSE Annual Meeting, INFORMS Annual Meeting
- 2016: INFORMS Annual Meeting, POMS Annual Meeting
- 2015: INFORMS Annual Meeting, M&SOM SIG Conference, POMS Annual Meeting
- 2014: IFORS Triennial Conference, INFORMS Annual Meeting, POMS Annual Meeting

CONFERENCE ORGANIZATION

- Founding Chair, [Workshop on Empirical Operations Management](#) (WEOM), 2024.
- 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.

PROFESSIONAL SOCIETY ACTIVITIES

- Session Chairs for INFORMS, M&SOM, POMS conferences, 2014-2023.
- Judge, The M&SOM Conference Best Student Paper Competition, 2020, 2021, 2022, and 2023.
- Judge, The ISCOM Annual Meeting Best Student Paper Competition, 2021.
- Judge, The CSAMSE Annual Meeting Best Paper Competition, 2019, 2021, and 2022.
- Judge, The POMS-HK Conference Best Student Paper Competition, 2019, 2020, 2021, 2022.

RESEARCH GRANTS

Competitive Grants

- PI, NSFC Young Researcher Fund 2022/2023, Global Supply Chain Risks and Restructuring: An Empirical Study, RMB300,000, 01/01/2023-12/31/2025
- Co-I, General Research Fund 2021/2022, 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 2021/2022, 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 2020/2021, 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 2020/2021, 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

PROFESSIONAL SOCIETIES

Member, Institute for Operations Research and the Management Sciences (INFORMS), since 11/2014

Member, Manufacturing & Service Operations Management Society, since 06/2015

Member, Production and Operations Management Society, since 05/2014

Member, Society for Financial Studies, since 12/2018

RESEARCH STUDENTS

Current PhD Students

Yilin Shi, 2021 – Present

Xiaoran Ma, 2022 – Present

Boya Peng, 2022 – Present

Zhi Li, 2023 – Present

Graduated PhD Students

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

Zi'ang Wang (advisor), 2017 – 2022

Placement: University of Wollongong, Australia

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

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

Empirical Operations Management (PhD level)

This course is designed to provide an overview of empirical research in operations management for PhD students. It aims to teach students how to discover interesting research topics and provide exposure to the various types of empirical methods such as DID, IV, RDD, large language model (LLM), etc. Readings and discussions will cover topics such as inventory, supply chains, operations-finance interface, sustainable operations, etc. The course objectives are designed to progressively enhance students' skills and understanding of empirical research within operations management. The basic objectives are 1) to broaden students' horizons on research questions and 2) to introduce a range of empirical methods and paradigms. The advanced objectives include 1) to develop students' ability to formulate impactful research questions and 2) to develop students' skills in evaluating empirical research.

Machine Learning for Business Research (PhD level)

This course provides a broad introduction to machine learning with applications using business research data. The topics of the class include supervised learning, unsupervised learning, and natural language processing. The course also includes guest lectures with a focus on cutting-edge machine learning research in the business domain. Python programming is used throughout the course. There are several course projects implementing various machine learning algorithms on consumer product data, financial time-series data, and web-scraped text data for business analysis. The goal is to equip research-degree students with practical hands-on exposure to utilize machine learning packages in their future careers.

Global Operations and Supply Chains (DBA & EMBA level)

This course provides students with a comprehensive understanding of the historical evolution, current challenges, and future trends shaping the global supply chain landscape. It aims to equip students with the

strategic insights and analytical skills necessary to navigate the complexities of global operations in the modern business environment. Drawing from the rich tapestry of global supply chain development, the course will delve into the historical milestones from the early 20th century to the advent of Industry 4.0, highlighting the pivotal role of technological advancements in shaping supply chain efficiency and resilience. Students will explore the impact of geopolitical challenges, such as trade wars and the COVID-19 pandemic, on supply chain disruptions and the subsequent reshaping of global trade dynamics. Through case studies, students will examine the role of government policies in deglobalization trends, including the strategies of onshoring, nearshoring, and regional integration.

Financial Data Modeling and Analysis (FMBA level)

The objective of the course is to familiarize students with theories and techniques of active quantitative trading strategies and the asset investment industry under the framework of financial data modeling and analysis. The course will cover a wide range of topics in quantitative investing and asset management, including quantitative stock selection models, portfolio construction methods, portfolio performance evaluation, institutional investors and investment products, and new trends in the asset management industry, such as the rise of smart beta and socially responsible investing, etc. We will read research studies and integrate the insights into our investment process. This course is designed for students with an interest in quantitative investing, either personal or professional. It should be particularly useful to students interested in careers in asset management, equity research, hedge funds, or investment banking.

FinTech Application (MBA & MSc level)

This course is designed to introduce students to the fundamental building blocks of various financial technologies and real-world applications through case studies and quantitative analyses. Students will learn the essential components of technology-driven financial applications, including the disruptive forces of digital payment, modern investment theory-driven robot investing, innovative financing and funding schemes (crowdfunding, peer-to-peer lending, etc.), and blockchain (applications such as tokenization). This course will also extend the concept of financial technologies to insurance (InsurTech), real estate (RETech), regulation (RegTech), and supply chain financing. Notably, we will discuss the complex challenges in the changing regulatory landscape.

Business Intelligence and its Applications (MSc level)

This course provides a broad introduction to business data analytics using statistical tools and machine learning techniques. The goal is to generate actionable business decisions and managerial insights. The topics of the class may include data preparation, data visualization, exploratory analysis, supervised learning (linear regression, logistic regression, neural networks, support vector machines, tree and random forest, etc.), unsupervised learning (clustering, dimensionality reduction, kernel methods), natural language processing, and economic network analytics. Python is used throughout the course. Course projects may implement various business analytics tools on consumer product data, financial data, and Internet text data for business analytics. Students will learn key data analytics techniques and machine learning packages to address existing business problems in today's information-rich environments.

Operations Management (MSc level)

This core course focuses on understanding levers for structuring, managing, and improving a firm's recurring business processes to achieve competitive advantage in customer responsiveness, price, quality, and variety of products and services. These levers are as applicable to banks, hospitals, and brokerages, for example, as to traditional manufacturing and logistic firms. The fundamental principles underlying state-of-the-art practices, such as Quick Response, Just-in-Time, Pooling, and Risk, are explored so that students learn to critically evaluate these and other operational improvement programs.

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.

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.

INTERNAL SERVICE

Department

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

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

Director of Institute Development Office, 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

Review Committee Member, INFORMS Analytics Collections, 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
Peer Reviewer, Fudan University School of Management Academic Personnel Committee, 12/2022 – Present
Journal Review Panel, INFORMS Analytics Collection, 03/2023 – Present

MEDIA COVERAGE

My research is covered by 400+ media in 20+ countries globally. Below are some media examples.

- [“Why is Workplace Equality Good for Business?”](#), *South China Morning Post*, Jan 8, 2024.
- [“Carbon Disclosures: Unflattering Supply Chain Data Omitted”](#), *UCLA Anderson Review*, July 27, 2023.
- [“‘China Shock’ Effect Prompts Scramble to Respond”](#), *National Press*, July 25, 2023.
- [“The Dirty Secret Behind Companies’ Carbon-Emissions Disclosures”](#), *Barron’s*, July 17, 2023.
- [“The Future of Supply Chains”](#), *China Business Knowledge*, May 3, 2023.
- [“Supply Chain Health Serves As A New Way to Predict Credit Ratings”](#), *Macau Business*, May 12, 2022.
- [“Opinion: Amazon is proof of a major weakness in ESG ratings: What about carbon emissions from the supply chain?”](#), *Market Watch*, Nov 10, 2021.
- [“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.
- [“Global supply chains can hurt a company’s credit”](#), *Chicago Booth Review*, August 11, 2021.
- [“When it makes sense to pay suppliers late”](#), *Chicago Booth Review*, Aug 02, 2021.
- [“How to spot and avoid greenwashing in supply chains”](#), *China Business Knowledge*, June 10, 2021.
- [“The Right Way to Mix and Match Your Customers”](#), *Sloan Management Review*, May 17, 2021.
- [“Is a wave of supply-chain reshoring around the corner?”](#), *The Economist*, Dec 16, 2020.
- [“Decoupling from China does not help companies mitigate risks. Restoring China's supply chain helps US companies reduce credit risk](#), *Reuters*, Feb 20, 2020.
- [“COVID-19 and the Future of Chinese Manufacturing”](#), *China Business Knowledge*, May 7, 2020.
- [“Financial supply chain in the COVID-19 pandemic: fuel or wildfire?”](#), *Forbes*, Apr 30, 2020.
- [“Made in Vietnam' Goods Increasingly Popular in US”](#), *VOA News*, Mar 26, 2020.
- [“Measuring the Chinese Economic Impact of COVID-19”](#), *China Business Knowledge*, March 19, 2020.
- [“U.S. companies have not returned to their homeland during the Trade War, policy swings have driven companies to relocate production lines”](#), *Reuters*, Feb 20, 2020.
- [“U.S. Firms Not Coming Home Amid Trump’s Trade War”](#), *China Business Knowledge*, Feb 20, 2020.
- [“CUHK Business School research reveals U.S. firms not coming home amid Trump's Trade War”](#), Yahoo Finance, Feb 19, 2020.
- [“Financial contagion spreads through supply chains”](#), *Chicago Booth Review*, Dec 21, 2018.