Kohei Kawaguchi (Sunada)

川口(砂田)康平

1. Researches empirical industrial organization and quantitative marketing, combining structural models and causal inference with novel data to evaluate markets and policies.
2. Collaborates with industry and government partners on competition policy, platform, digital, and on-chain economies, and reports the findings to managers and policymakers.
3. Leads and manages research projects from data to publication with sustained competitive grant support, trains juniors, and authors popular lecture notes and a textbook on structural estimation and causal inference.

Contact

- Email: kkawaguchi@ust.hk
- Website: https://www.kohei-kawaguchi.com/

Research Field

- Industrial Organization, Quantitative Marketing, Microeconometrics.

Academic Position

- Associate Professor, Department of Economics, School of Business and Management, Hong Kong University of Science and Technology, 2026-present.
- Assistant Professor, Department of Economics, School of Business and Management, Hong Kong University of Science and Technology, 2017-2026.
- Assistant Professor, Graduate School of Economics, Hitotsubashi University, 2015-2017.

Other Employment

- Advisor, UTokyo Economic Consulting Inc., 2020-present.
  - Cases on competition policy, evidence-based policy making, marketing, and data analysis
- Affiliated Academic, NERA Economic Consulting, 2015-2017.
- Research Associate, Equity Research Division, Morgan Stanley, 2006-2007.

Education

- Ph.D. in Economics, London School of Economics, 2015.
  - Supervisor: Martin Pesendorfer.
  - Advisors: Alessandro Gavazza, Pasquale Schiraldi.
  - Viva examiners: Ian Crawford, Matthew Gentry.
- MRes in Economics (with distinction), London School of Economics, 2012.
- MA in Economics, University of Tokyo, 2010.
- BSc in Liberal Arts, University of Tokyo, 2005.

Published/Accepted Papers

Google Scholar page: https://scholar.google.com/citations?user=gUP9LqcAAAAJ&hl=en

1. Miners' Reward Elasticity and Stability of Competing Proof-of-Work Cryptocurrencies, (joint with Junpei Komiyama, Shunya Noda), 2025, Accepted by *International Economic Review*.
2. Marc Dorral i Carreras, Kohei Kawaguchi, Siyuan Jin, and Haicheng Guo, 2025, Consumer Perceptions and Willingness to Adopt rCBDCs Before and After the e-HKD Pilot, ACM Distributed Ledger Technologies: Research and Practice.
3. Kohei Kawaguchi, Toshifumi Kuroda, and Susumu Sato, 2023, Relevant Markets and Market Power of Mobile Apps, Japan and the World Economy, 67.

4. Kohei Kawaguchi, Naomi Kodama, Hiroshi Kumanomido, and Mari Tanaka, 2023, Using Managers' Expectations for Ex-ante Policy Evaluation: Evidence from the COVID-19 Crisis, *Journal of Economics and Management Strategy,* Volume 32(4), pp.714-732.
5. Kyogo Kanazawa and Kohei Kawaguchi, 2022, Displacement Effects of Public Libraries, *Journal of the Japanese and International Economies,* Volume 66, December.
6. Kohei Kawaguchi, Naomi Kodama, and Mari Tanaka, 2021, Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies, *Journal of the Japanese and International Economies*, Volume 61, September.
7. Kohei Kawaguchi, Kosuke Uetake, and Yasutora Watanabe, 2021, Designing Context-Based Marketing: Product Recommendation under Time Pressure, *Management Science*, Volume 67(9), pp. 5642-5659.
8. Kohei Kawaguchi, 2021, When Will Workers Follow an Algorithm?: A Field Experiment with a Retail Business, *Management Science*, 67(3), March, pp.1670-1695.
9. Kohei Kawaguchi, Kosuke Uetake, and Yasutora Watanabe, 2019, Effectiveness of Product Recommendation under Time and Crowd Pressures, *Marketing Science*, 38(2), March-April, pp.253-273.
10. Kohei Kawaguchi, 2017, Testing Rationality without Restricting Heterogeneity, *Journal of Econometrics*, 197(1), pp.153-171.

Policy Papers

1. e-HKD Pilot Programme (joint with HKUST SBM and HSBC)
2. Relevant Markets and Market Power of Mobile Apps (in Japanese) (joint with Toshifumi Kuroda and Susumu Sato), Japan Fair Trade Commission CPRC Discussion Paper, May 21, 2022.

Working Papers

1. Competitive Effects of Minimum Resale Price Maintenance: Evidence from the Publishing Industry (joint with Jeff Qiu and Yi Zhang), 2026.
2. Employer's Unilateral Settlement in Dismissal Disputes (joint with Daisuke Adachi and Ryo Kambayashi), 2025.

3. Segmenting Consumer Location-Product Preferences for Assortment Localization (joint with Jia Liu), 2024, Asia Pacific Marketing Academy conference 2025 Best Paper Award.
4. Toxicity-Competitiveness Trade-off in Concentrated Liquidity Provision (joint with Jun Aoyagi, Wang-Hei Ip, and Shinya Tsuchida), 2025.
5. Consumer Responses to Favorite Product Removal: Evidence from Beverage Vending Machines (joint with Andrew Ching, Jia Liu, Zhang Yi), 2025.
6. An Empirical Model of Mobile App Competition: The Role of Revenue Source Channel (joint with Susumu Sato and Toshifumi Kuroda), 2024, revision requested by *Management Science*.

Data Science projects

- Kenjiro Ide, Taiga Someya, Kohei Kawaguchi, Keisuke Fujii, Expandable decision-making states for multi-agent deep reinforcement learning in soccer tactical analysis, Journal of Big Data, 2026.
- Soujanya Dash, 井出憲次朗, 梅基陸平, 染谷大河, 川口康平, 藤井慶輔, 最終ラインにおける守備選手の意図推定のための方策勾配を用いた逆強化学習, 2025年度スポーツデータサイエンスコンペティション サッカー部門, 2026年1月
- 井出憲次朗, 染谷大河, 川口康平, 藤井慶輔, マルコフ完全均衡下のマルチエージェント強化学習による全選手の行動評価, 2025年度スポーツデータサイエンスコンペティション サッカー部門, 2026年1月
- 井出 憲次朗, 染谷 大河, 川口 康平, 藤井 慶輔, サッカーの戦術的な意思決定分析のための解釈可能な低次元状態に基づく強化学習, 2025年度人工知能学会全国大会（第39回）, 2025年5月
- 井出憲次朗, 染谷大河, 川口康平, 藤井慶輔, サッカーの戦術的な意思決定分析のための解釈可能な低次元状態に基づく強化学習, 2024年度スポーツデータサイエンスコンペティション サッカー部門（入賞）, 2025年1月
- Kenjiro Ide, Taiga Someya, Kohei Kawaguchi, Keisuke Fujii, Interpretable Low-Dimensional Modeling of Spatiotemporal Agent States for Decision Making in Football Tactics, 12th International Conference on Sport Sciences Research and Technology Support (icSPORTS 2024), 2024.11
- 染谷 大河, 川口 康平, 藤井 慶輔, 言語モデリングによる行動選択・状態推移確率の推定に基づくサッカーのプレー定量評価指標, 2024年度人工知能学会全国大会（第38回）, 2024年6月
  (The 38th Annual Conference of the Japanese Society for Artificial Intelligence)

- 2025.1 Prize (Finalist) (Soccer Division) 2024 Sports Data Science Competition (Soccer Division) (First: Kenjiro Ide)
- 2024.1 Excellence Award (Soccer Division) 2025 Sports Data Science Competition (Soccer Division) (First: Taiga Someya)

Books

- The Econometrician's Guide to Causal Inference (in Japanese, joint with Masayuki Sawada), 2024.

Public Repository

- Empirical Industrial Organization Lecture Notes and Code: kohei-kawaguchi/EmpiricalIO (github.com)
- Causal Inference Lecture Notes and Code: https://github.com/HKUSTIO/AppliedEconometricsCode
- The Econometrician's Guide to Causal Inference Code (in Japanese): https://github.com/keisemi/EconometriciansGuide_CausalInference
- Temporal Difference Dynamic Game Estimation: https://github.com/kohei-kawaguchi/TDDynamic

Conference Presentations

- 2026/4/2, Ho Chi Minh IO Workshop, Liquid Staking and the Control-Exposure Wedge, organizer, Ho Chi Minh, Vietnam.
- 2025/8/22, Econometric Society World Congress, Estimating Recruitment Elasticity in the Multi-stage Job Matching Process, contributed, Seoul, South Korea.
- 2025/8/16, ESWS IO Pre-conference, Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry, invited, Seoul, South Korea.
- 2025/6/28, Zhejiang University International Conference on Industrial Economics, invited, Hangzhou, China.
- 2025/3/29, IO Workshop in Kochi, organizer, Kochi, Japan.

- 2025/3/24, Estimating the Value of Retargeting in Online Advertising, Singapore Initiative on Digital Economics Workshop, invited, Singapore.
- 2024/12/4 (Presented by coauthor), Toxicity-Competitiveness Trade-off in Concentrated Liquidity Provision, reviewed, poster, Tokyo, Japan.
- 2024/6/21, Estimating Recruitment Elasticity in the Multi-stage and Bilateral Job Matching Process, University of Exeter, contributed, The United Kingdom.
- 2024/5/24, Estimating Recruitment Elasticity in the Multi-stage and Bilateral Job Matching Process, Lingnan International Conference on Competition Policy, invited, Hong Kong.
- 2024/4/8, (Presented by coauthor), International Conference on Central Bank Digital Currencies and Payment Systems, “Informational Experiment on Consumer's Perception of Central Bank Digital Currency as Liquidity Assets”, invited, Hong Kong.
- 2023/8, 24, European Association for Research in Industrial Economics, “Miners’ Reward Elasticity and Stability of Competing Proof-of-Work Cryptocurrencies”, contributed, Rome, Italy.
- 2023/5/16, Mainland-Hong Kong Workshop of Market Power at Chinese University of Hong Kong, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from Publishing Industry”, invited, Hong Kong.
- 2023/6/5, Workshop on Platform Economics at Yonsei University, “An Empirical Model of Mobile App Competition: The Role of Revenue-Source Channel”, invited, Seoul, Korea.
- 2023/5/12, Workshop on Applied Structural Econometrics at National University of Singapore “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from Publishing Industry”, invited, Singapore.
- 2023/3/15, Sapporo Workshop on Industrial Economics, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from Publishing Industry”, invited, Otaru, Japan.
- 2022/12/11, Asia-Pacific Industrial Organization Conference, “Miners’ Reward Elasticity and Stability of Competing Proof-of-Work Cryptocurrencies”, contributed. Sydney, Australia.
- 2022/6/29, Asian Financial Association Annual Meeting, “Security-Cost Efficiency of Competing Proof-of-Work Cryptocurrencies”, contributed, online.
- 2021/8/28, European Association for Research in Industrial Economics, "Measuring Inefficiency of Patent Overlaps: The Case of 3D Printer Industry", contributed, online.

- 2021/8.24, European Economic Association-Econometric Society European Meeting, "Measuring Inefficiency of Patent Overlaps: The Case of 3D Printer Industry", contributed, online.
- 2021/7/7, Australasian Meeting of Econometric Society, "Measuring Inefficiency of Patent Overlaps: The Case of 3D Printer Industry", contributed, online.
- 2021/7/2, China Meeting of Econometric Society, "Measuring Inefficiency of Patent Overlaps: The Case of 3D Printer Industry", contributed, online.
- 2021/6/26, Asian Meeting of Econometric Society, "Measuring Inefficiency of Patent Overlaps: The Case of 3D Printer Industry", contributed, online.
- 2021/6/11, North American Summer Meeting of Econometric Society, "Measuring Inefficiency of Patent Overlaps: The Case of 3D Printer Industry", contributed, online.
- 2021/5/2, 19th Annual International Industrial Organization Conference, "Measuring Inefficiency of Patent Overlaps: The Case of 3D Printer Industry", contributed, online.
- 2021/4/14, Royal Economic Society Annual Meeting, "Measuring Inefficiency of Patent Overlaps: The Case of 3D Printer Industry", contributed, online.
- 2021/4/9, 12th Paris Conference on Digital Economics, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, contributed, online.
- 2020/7/17, NBER SI Digitization, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, contributed, online.
- 2019/11/22, Japan Library Association Annual Meeting, “Crowding-out Effects of Public Libraries and the Public Lending Right”, invited, Tsu, Japan.
- 2019/6/12, HKUST IO Conference, “Efficiency of Expert-Mediated Job Matching”, hosted, Hong Kong.
- 2019/4/5, Annual International Industrial Conference, “When Will Workers Follow an Algorithm?: A Field Experiment with a Retail Business”, contributed, Boston, US.
- 2018 Japan Society of Library and Information Science, contributed, Okinawa, Japan.
- 2018 Asia-Pacific Industrial Organization Conference, contributed, Melbourne, Australia.
- 2018 HKUST IO Conference, hosted, Hong Kong.
- 2017 ISMS Marketing Science Conference, contributed, California, US.

- 2017 Econometric Society North America Winter Meeting, contributed, Chicago, US.
- 2016 European Association for Research in Industrial Economics, contributed, Lisbon, Portugal.
- 2016 Summer Workshop on Economic Theory, invited, Otaru, Japan.
- 2016 Trans-Pacific Labor Seminar, Santa Barbara, invited, US.
- 2015 World Congress of the Econometric Society, contributed, Montreal, Canada.
- 2015 Summer Workshop on Economic Theory, invited, Otaru, Japan.
- 2015 Kyoto Summer Workshop on Applied Economics, contributed, Kyoto, Japan.
- 2015 Annual International Industrial Organization Conference, contributed, Boston, US.
- 2012 Kyoto Summer Workshop on Applied Economics, invited, Kyoto, Japan.
- 2012 Econometric Society European Meeting, contributed, Malaga, Spain.
- 2012 International Symposium on Econometric Theory and Applications, contributed, Shanghai, China.

Seminar Presentations

- 2026/3/20, Peking University, “Competitive Effects of Minimum Resale Price Maintenance: Evidence from the Publishing Industry”, Peking, China.
- 2025/11/28, University of British Columbia, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry”, Vancouver, Canada.
- 2025/11/4, University of Arizona, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry”, Tucson, US.
- 2025/10/24, New York University, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry”, New York, US.
- 2025/10/1, University of Rochester, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry”, Rochester, US.

- 2025/9/24, US Department of Justice, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry”, Washington D.C., US.
- 2025/9/23, Georgetown University, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry”, Washington D.C., US.
- 2025/9/19, ITAM, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry”, Mexico City, Mexico.
- 2025/9/10, The University of Guelph, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry”, Guelph, Canada.
- 2025/9/8, The University of Toronto, “Competitive Effects of Resale Price Maintenance Through Inventory: Evidence from the Publishing Industry”, Toronto, Canada.
- 2025/6/16, The University of Tokyo, “Employer’s Unilateral Settlement in Dismissal Disputes”, Tokyo, Japan.
- 2024/7/25, Waseda University, “Decomposing Recruitment Elasticity in the Job-Matching Process”, Tokyo, Japan.
- 2024/7/23, Hitotsubashi University, “Decomposing Recruitment Elasticity in the Job-Matching Process”, Tokyo, Japan.
- 2023/5/26, Japanese Fair Trade Commission, Competition Policy Research Center, “Competitive Effects of Resale Price Maintenance through Inventory: Evidence from Publishing Industry”, online.
- 2022/10/19, Universität Bremen, “An Empirical Model of Mobile App Competition”, online.
- 2022/10/14, Lingnan University, “Competitive Effects of Resale Price Maintenance through Inventory: Evidence from Publishing Industry”, Hong Kong.
- 2022/8/5, University of Tokyo, “Miner’s Reward Elasticity and the Stability of Competing Proof-of-Work Cryptocurrencies”, Tokyo.
- 2022/4/27, Jinan University, “Estimating Wage Elasticities in Job Matching”, online.
- 2022/3/24, Monash University, “Security-Cost Efficiency of Competing Proof-of-Work Cryptocurrencies”, online.
- 2022/3/18, HKUST Department Seminar, “Estimating Wage Elasticities in Job Matching”, online.

- 2022/2/1, Kindai University, “Security-Cost Efficiency of Competing Proof-of-Work Cryptocurrencies”, online.
- 2021/12/1, ABFER Innovation, Productivity, and Challenges in the Digital Era: Asia and Beyond, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, online.
- 2021/11/16, Toulouse School of Economics Online Economics of Platforms Seminar, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, online.
- 2021/5/27, European Commission, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, online.
- 2021/5/6, Waseda University, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, online.
- 2021/3/30, The U.S. Department of Justice, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, online.
- 2021/3/24, Hitotsubashi University, "Expectation Updates of Small Business under COVID-19", online.
- 2020/9/12, The Tokyo Foundation for Policy Research, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, online.
- 2020/8/8, Contract Theory Workshop, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, online.
- 2020/8/5, Tokyo Keizai University, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, online.
- 2020/7/31, Kansai Labor Seminar, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, online.
- 2020/7/30, Applied Economics Workshop, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, online.
- 2020/5/13, Japan Empirical Economics Seminar, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, online.
- 2020/4/9: Happy Hour Seminar!, “Merger Analysis in the App Economy: An Empirical Model of Ad-Sponsored Media”, online.
- 2019/7/4, Osaka University, “Efficiency of Expert-Mediated Job Matching”, Osaka, Japan.

- 2019/7/3, Kobe University, “Efficiency of Expert-Mediated Job Matching”, Kobe, Japan.
- 2019/4/2, Rice University, “When Will Workers Follow an Algorithm?: A Field Experiment with a Retail Business”, Houston, US.
- 2019/3/20, The University of Hong Kong, “When Will Workers Follow an Algorithm?: A Field Experiment with a Retail Business”, Hong Kong.
- 2019/3/7, Hong Kong Baptist University, “When Will Workers Follow an Algorithm?: A Field Experiment with a Retail Business”, Hong Kong.
- 2019/1/10, Peking University HSBC Business School, “Designing Context-Based Marketing: Product Recommendation under Time Pressure”, Shenzhen, China.
- 2018 Kyoto University, East China Normal University, Japan Book Publishers Association, Hitotsubashi University, Musashi University, Chinese University of Hong Kong, Xiamen University, Nazarvayev University.
- 2016 The University of Tokyo, Singapore Management University, National University of Singapore, Kyoto University, Hong Kong University of Science and Technology, Nihon University.

Activities for General Audience

- 2026/9/29, “Evaluating e-HKD+ and Project Ensemble against a First-Best Benchmark”, Hong Kong Monetary Authority CBDC Expert Group Roundtable, Hong Kong.
- 2026/9/14, “Evaluating e-HKD+ and Project Ensemble against a First-Best Benchmark”, Joint RFA Research Seminar, Singapore.
- 2025/10/15, Global Future Councils on DeFi, Annual Meeting of the Global Future Councils, Dubai, UAE.
- 2023/3/10, UTokyo Economic Consulting, Tokyo, Japan.
- 2021/4/19, UTokyo Economic Consulting, "Merger Analysis in a Zero Price Product Market: The Case of Mobile Apps", online seminar.
- 2020/12/9, Economics with Zoom, "Merger Analysis in a Zero Price Product Market: The Case of Mobile Apps", online seminar.
- 2020/9/23, Cabinet Office, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, briefing for a minister.

- 2020/8/24, Toyo Keizai, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, Contributed article.
- 2020/8/19, Mitsubishi UFG Research & Consulting, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, online seminar.
- 2020/8/17, SMBC Nikko, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, online seminar.
- 2020/7/30, academist, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, online interview.
- 2020/7/28, RIETI, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, online seminar.
- 2020/7/13, Hong Kong Japan Entrepreneur Association, “Small Business under the COVID-19 Crisis: Expected Short- and Medium-Run Effects of Anti-Contagion and Economic Policies”, online seminar.

Grants

- 2026-2028, HKD 280,920, 1+1+1 Joint Funding Program, Department of Science and Technology of Guangdong Province.
- 2025-2028, HKD 1,008,800, General Research Fund by Hong Kong Research Grants Council.
- 2024-2025 JPY 2,856,503 , Academist Crowdfunding, Principal Investigator
- 2022-2025 HKD 895,879, General Research Fund by Hong Kong Research Grants Council.
- 2021-2023 HKD 60,000, Center for Economic Policy's Departmental Development Fund, Principal Investigator
- 2020-2021 JPY1,842,556, Academist Crowdfunding, Principal Investigator.
- 2020-2021 JPY1,000,000, Japan Securities Scholarship Foundation, Principal Investigator.
- 2020-2021 JPY1,000,000, Hitotsubashi University Institute of Economic research, Principal Investigator.
- 2019-2020 HKD100,000, SBM Research Fund from, Principal Investigator.

- 2019-2021 HKD516,210, General Research Fund by Hong Kong Research Grants Council.
- 2018-2019 HKD356,000, Early Career Scheme by Hong Kong Research Grants Council.
- 2017 HKD100,000, UGC Block grant.
- 2016 JPY500,000, Grant by Seimei-kai.
- 2016-2018 JPY3,900,000, Grant-in-Aid for Young Scientists B by Japan Society for the Promotion of Science.
- 2016 JPY600,000, Grant by Japan Center for Economic Research.
- 2010-2015 Scholarship for Students Studying Abroad. Japan Student Services Organization.
- 2010-2013 Research Fellowship for Young Scientists. Japan Society for the Promotion of Science.

Teaching

- 2022/2023, 2023/2024, 2024/2025 ECON3340 Introduction to Econometrics, Hong Kong University of Science and Technology.
- 2018/2019, 2020/2021, 2022/2023, 2024/2025 ECON5630, Topics in Empirical Industrial Organization, Hong Kong University of Science and Technology. Teaching material.
- 2021/2022, 2023/2024 ECON6120T Applied Microeconometrics, Hong Kong University of Science and Technology.
- 2017/2018, 2018/2019, 2019/2020, 2021/2022, 2022/2023, ISOM2500, Business Statistics, Hong Kong University of Science and Technology.
- 2017/2018, 2018/2019, 2019/2020, 2020/2021, ECON5210, Microeconomic Theory I, Hong Kong University of Science and Technology.
- 2017/2018, 2019/2020, 2021/2022, 2023/2024, ECON4114, Industrial Organization and Competitive Strategy, Hong Kong University of Science and Technology.
- 2015-2017 Lecturer, Industrial Economics for Graduate Students I, Hitotsubashi University.
- 2017, Elementary Microeconomics for Undergraduate Students, Hitotsubashi University.

- 2016, Introductory Microeconomics for Undergraduate Students, Hitotsubashi University.
- 2016, Industrial Economics for Graduate Students II, Hitotsubashi University.
- 2015, Industrial Economics for Undergraduate Students, Hitotsubashi University.
- 2014 Teaching Assistant, EC313 Industrial Economics, London School of Economics.
- 2013 Teaching Assistant, EC486 Econometric Methods, London School of Economics.
- 2012 Teaching Assistant, EC309 Econometric Theory, London School of Economics.
- 2009 Teaching Assistant, Microeconomics for Graduate Students, University of Tokyo.
- 2009 Teaching Assistant, Econometrics for Graduate Students, University of Tokyo.

PhD Advisory

- 2024/4, Zhang Yi, main advisor, PhD student at Hong Kong University of Science and Technology, placed as an assistant professor of Marketing at Guanghua School of Management, Peking University.

Conference/Workshop Organization

- 2026/4, Organizing committee, Ho Chi Minh IO Workshop, Ho Chi Minh, Vietnam.
- 2025/3, Organizing committee, Kochi IO Workshop, Kochi, Japan.
- 2024/3, Organizing committee, Sapporo Workshop on Industrial Organization, Otaru, Japan.
- 2023/12, Local Committee Chair, Asia-Pacific Industrial Organization