

Yu (Jasmine) Hao

Assistant Professor, Faculty of Business and Economics, The University of Hong Kong

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Education

Ph.D. in Economics	2021
The University of British Columbia, Vancouver, BC	
Dissertation: “On Dynamic Choice Models, Agent’s Beliefs and Unobserved Heterogeneity”	
Committee: Hiroyuki Kasahara, Paul Schrimpf, Florian Hoffmann	
M.A. in Economics	2015
The University of British Columbia, Vancouver, BC	
B.B.A. in Accounting	2014
Xiamen University, Xiamen, China	
B.A. in Economics	2012
The University of Waterloo, Waterloo, ON	

Professional Experience

Assistant Professor , Faculty of Business and Economics, The University of Hong Kong	2021–Present
Summer Intern , Bank of Canada	May–Sep 2018

Publications

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- “The Dynamics of Competition in the Chinese Electric Vehicle Market: Insights from BYD’s Market Evolution” (with Yiran Hao). *International Journal of Industrial Organization*, 2026.

Working Papers

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- “Equilibrium Transition from Loss-Leader Competition: How Advertising Restrictions Facilitate Price Coordination in Chilean Pharmaceutical Retail.” Job Market Paper.
 - “Regulating the Traffic Economy: Salary Caps, Superstar Rents, and Platform Production” (with Yele Ma, Yanhui Wu, and Ke Wang).
 - “Estimating the Number of Components in Panel Data Finite Mixture Regression Models with an Application to Production Function Heterogeneity” (with Hiroyuki Kasahara). Resubmitted to *Quantitative Economics*.
 - “Semiparametric Identification of the Discount Factor and Payoff Function in Dynamic Discrete Choice Models” (with Hiroyuki Kasahara and Katsumi Shimotsu). Submitted.
 - “Heterogeneous Diffusion of Electric Vehicles in China: Demand, Learning, Product Entry, and the Incidence of Industrial Policy” (with Jinge Li).
 - “A Generalized Finite Dependence Framework for Dynamic Discrete Choice Models” (with Hiroyuki Kasahara and Katsumi Shimotsu).

Work in Progress

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- “The Green Transformation” (with Hongchuan Shen and Yanhui Wu).
 - “Dual Network Effects in the EV Transition: Rise of Charging, Decline of Gas Stations” (with Hyuk-soo Kwon and Jinge Li).

- “Dynamic Decision Models with Continuous-Discrete Mix Choices”.

■ Awards, Honors and Fellowships

- 2026: HKU–UChicago Collaborative Sustainability and Climate Research Fund (USD \$50,000), as co-PI. Project: “Vehicle Replacement, Technological Progress, and the Fate of Old Cars.”
- 2025: HKU–UChicago Collaborative Sustainability and Climate Research Fund (USD \$50,000), as co-PI. Project: “Dual Network Effects in the EV Transition: Rise of Charging, Decline of Gas Stations.”
- 2025: General Research Fund (GRF), UGC (Ref. 17622225). Project: “Identification of the Discount Factor in Dynamic Discrete Choice Models” (On-going).
- 2024/25: Collaborative Research Fund (CRF), UGC (Ref. C7003-24GF). Project: “Algorithmic Bias, Economic Efficiency, and Social Welfare” (Co-PI).
- 2024: Early Career Scheme (ECS), UGC (Ref. 27603224). Project: “Estimating Dynamic Discrete-Continuous Choice Models using a Generalized Euler Equation Approach” (On-going).
- 2021–2023: Seed Fund for Basic Research, The University of Hong Kong.
- 2020: Graduate Student Paper Award, Bank of Canada.
- 2020: President’s Academic Excellence Initiative PhD Award, University of British Columbia.
- 2019: Graduate Fellowship in Gambling Research, University of British Columbia.
- 2014–2020: Faculty of Arts Graduate Award, University of British Columbia.

■ Invited Talks and Presentations

- **2027:** ASSA Annual Meeting (Econometric Society), reporting “A Generalized Finite Dependence Framework for Dynamic Discrete Choice Models.”
- **2026:** Second Annual ASU–HKU Conference, W. P. Carey School of Business, Tempe, Arizona, January 2026; The 4th International Workshop on Firm and Industrial Dynamics (FID), UNSW Sydney, Australia, May 2026; China Industrial Organization Meeting (SUFE), June 2026.
- **2025:** Econometric Society World Congress (ESWC), Seoul, August 2025; Xiamen University (XMU), November 2025; Dynamic Structural Economics (DSE) Conference, The University of Hong Kong, December 2025.
- **2024:** Sapporo Workshop on Industrial Economics (Otaru), IIOC (Boston), IAAE (Xiamen), CUHK – Department of Decisions, China Industrial Organization Meeting (SUFE), Econometric Society Dynamic Structural Workshop (Wisconsin-Madison), Tsinghua University.
- **2023:** Dynamic Structural Workshop (NUS), China Industrial Organization Meeting (SUFE), Econometric Society Asia Meeting (Singapore), Shanghai Jiaotong University, Zhejiang University, CUHK – Shenzhen, APIOC (Hong Kong).
- **2022:** Econometric Society Asia Meeting, Hong Kong University of Science and Technology, APIOC (Sydney), Econometric Society Dynamic Structural Workshop (Canberra).
- **2021:** Bank of Canada, Western University, The Chinese University of Hong Kong (CUHK), Ryerson University, Hitotsubashi University, Shanghai Jiaotong University, Shanghai University of Finance and Economics, Katholieke Universiteit Leuven, China VIOS Seminar – Rising Star.
- **2020:** Seattle-Vancouver Econometrics Conference, Bank of Canada, Vancouver School of Economics.
- **2019:** Econometric Society China Meeting, International Association for Applied Econometrics, Canadian Economics Association.

■ Conference Organization

- Co-host, Dynamic Structural Economics (DSE) Conference, The University of Hong Kong, December 2025.

■ Referee and Discussant Service

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- *Economic Journal, International Journal of Industrial Organization, Journal of Econometrics, Management Science, Journal of Environmental Management, Development and Sustainability in Economics and Finance.*

■ Teaching

- MECON 6001 Applied Econometrics (Graduate): 2021–2023.
- ECON 2216 Industrial Organization (Undergraduate): 2021–2022.
- ECON 3225 Big Data and Machine Learning (Graduate): 2022–2023.
- MECON 6083 Machine Learning (Graduate): 2023–Present.