

## University College London

October 30, 2020

Dear Member of the Recruiting Committee,

I am writing to express my interest in the Assistant Professor in Economics position at the Department of Economics, University College London. My name is Yu(Jasmine) Hao. I am currently a job market candidate at the Vancouver School of Economics, University of British Columbia. My research interest is in industrial organization and econometrics. I am confident I will make a great addition to University College London.

During my Ph.D. studies, I have work experience in teaching and research. My research interests are deeply motivated by my working experience under the supervision of Professor Hiro Kasahara. My research interest lies in the industrial organization and econometrics; more specifically, I have a research interest in the dynamic game, especially applications in firms' incentives to collude. Besides, I have great research background in Finite Mixture models to cope with unobserved heterogeneity using panel data and choice data and general research interest in IO topics such as consumer preferences and firms' strategic interactions.

My job market paper "Trust in a Dynamic Game: A study on Collusive Price-fixing in the Chilean Pharmaceutical Retail" stems from my research interest in dynamic decision models and the firms' strategic interactions. I owe my gratitude to the guidance of Professor Aguirregabiria, who, during my visiting term at the University of Toronto, inspired me to explore the theory behind the coordination issue among players.

As an educator, I had the honour to teach in various topics during my teaching, including undergraduate level microeconomics, macroeconomics, game theory, international trade and econometrics, graduate-level econometrics, etc. My teaching interest lies in computational economics, econometrics and industrial organization.

The exceptional academic and research environment at the University College London will provide the perfect setting for establishing my independent research career. I am confident that my research experience and plans in decision model research would greatly complement your highly interdisciplinary department. The Department of Economics at University College London will provide many exciting opportunities for collaborative research, and I am enthusiastic about becoming a part of this community.

Please review my attached application package for additional details regarding my expertise and experience. Do not hesitate to reach out if you have any questions or need further clarification on my experience. I would love to discuss this position in detail.

Thank you for your consideration,

**Yu(Jasmine) Hao**

*Attached: Curriculum Vitae, Job Market Paper, Research Statement, Teaching Statement, Research Paper*