

Jiawen (Vivian) Ke

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Education

The Hong Kong University of Science and Technology, Master of Arts in Social Science 09/2022-06/2023

- *Research interests:* Education of Economics, Public Policy, Experimental Economics, Quantitative Methods

Xiamen University, Bachelor of Economics 09/2018-06/2022

- *Awards:* Second-class Scholarship for Academic Excellence (2021)

Academic Research Projects

The behavioral impact of free teacher education policy designs: Experimental evidence from China, The Hong Kong University of Science and Technology 09/2022-Present

Coauthor with Xiaoyang Ye

- Collating data from an online randomized controlled trial (RCT) of students' willingness to participate in the FTE programme in 2020.
- Conducting data analysis using Stata: including balance test, OLS regression analysis, and making interpretations.
- Revising and producing the results as a paper.
- Proposal submitted to Association for Education Finance & Policy conference (AEFP), under review.
- The completed article is to be submitted to the journal Educational Evaluation and Policy Analysis (EEPA), in progress.

Many People Project, The Hong Kong University of Science and Technology 09/2022-Present

Coauthor with Xiaoyang Ye, Shuangye Chen, and Yan Cao

- Conducting experiments on examining what different empirical models and research questions different researchers would have for the same experimental data, and what are the differences in the final results.
- Taking the role of one of the experimental subjects and the main author.

An Empirical Study on the Mediation Rule of College Students' Dormitory Interpersonal Relationship Based on Behavioural Experiment, Xiamen University 01/2022-09/2022

Coauthor with Hua Wang and Xingxiang Zhang

Funded by: A research project on "Strategies of Interpersonal Relationship Management in College Dormitories: A Game Theory Perspective" (Project Approval No. 2022XN01) of Xiamen University in 2022

- Designed our own behavioural experiments, wrote the experimental procedures, organised and initiated five experiments and collected the experimental data using the Z-tree software and the Economics Lab (FEEL Lab, Xiamen University).
- Conclusion: In a given number of games, both parties can mitigate or resolve the conflict by using the "tit for tat" strategy, with female subjects needing more times of such strategy to mitigate the conflict.
- Research outcome: *An empirical study on the regulation of interpersonal relationship mediation in university dormitories based on behavioural experiments*, submitted to the Journal of Sichuan Normal University, under review.

A Comparison of Quantile Regression and OLS Regression in Empirical Study – An Example on the Relationship Between Chinese Female Education Level and Family Income, Xiamen University 04/2021

- Conducted data cleansing in the CFPS 2018 database using Stata 15.0 and obtained a sample of 50,002 females.
- Conducted OLS regression and quantile regression for the main regression equation (quantile taken as 0.25, 0.5 and 0.75 for example).
- Conclusion: In this sample regression, the quantile regression resulted in more coefficients falling within the 95% confidence interval than the OLS regression.

The Impact of China's Green Patent HHI Index on the Number of Green Patents, Xiamen University 09/2020-05/2021

Funded by: Xiamen University 2021 Undergraduate Innovation and Entrepreneurship Training "Environmental Preference, Market Competition and Technology Choice - Evidence from Green Patents in China" (Project Approval No. 2021X1029)

Project Leader

- Collected and collated WIPO 10,000,000 patents data using Excel and STATA, completed linear regression results and analysed using Stata.
- Project outcome: *Environmental Preferences, Market Competition and Technology Choice - Evidence Based on Green Patents in China*, completed.

Xiamen University - University of Cambridge Research Enrolment Programme, University of Cambridge 09/2020-12/2020

Research interests: behavioural finance, financial product marketing; Instructor: Dr. Edoardo Gallo

- Studied the basic theories of behavioural finance and related literature, including:
 - Ackert, L. and Deaves, R., 2009. Behavioral finance: Psychology, decision-making, and markets. Cengage Learning, chapter 5
 - Tversky, A., and Kahneman, D., "Judgment under Uncertainty: Heuristics and Biases," Science 185, 1974, 1124-31.
- Project outcome: completed a 5,000-word paper titled *The application of frame effect in marketing campaign of loan products* and presented at the WOP in Economics and Management academic conference in 2021 (ISSN 2652-7081).
- Won first place in the group's final presentation and a third-class scholarship for this research project.

Other Academic Experiences

Institute of Educational Economics of Peking University - Online Reading Series in Memory of Chen Yousong's Educational Economics 09/2022-Present

Participant

- Reading and studying relevant literature on educational economics, including:
 - Charness, G., & Pingle, M. (Eds.). (2021). The Art of Experimental Economics: Twenty Top Papers Reviewed. Routledge. Lead discussion: Lies in Disguise – An Experimental Study on Cheating (By Urs Fischbacher and Franziska Föllmi-Heusi)
 - Lundberg, I., Johnson, R., & Stewart, B. M. (2021). What is your estimand? Defining the target quantity connects statistical evidence to theory. American Sociological Review, 86(3), 532-565.

Summer School "Frontiers in the Economics of Education and Practice in China", Peking University 06/2022

Major modules: Advances in Labor Economics Theory, Machine Learning and Causal Inference, Experimental and Computational Social Science, Frontier Methods in Educational Assessment, etc.

Work Experiences

Operations Department, Jinjiang Branch, Shandong Gold Futures Co. Ltd. 07/2021-08/2021

Operations Intern

- Understood the business operations and functions of the official app and promoted it.

Quanzhou Jihe Education 08/2018-01/2021

Co-Founder

- Designed recruitment tests and interviewed over 100 candidates.
- Promoted the institution's training in all secondary schools in the city with an enrolment of over 200 students (net profit of over ¥100,000 per year).

Honours

Second-class Scholarship for Academic Excellence, School of Economics, Xiamen University 10/2021

Third-class Scholarship in the Cambridge Research Project 03/2021

Voluntary Experiences

International Youth Cultural Association, Hong Kong SAR, China 02/2020-02/2020

International Volunteer

- Visited local people in Hong Kong and collected information on the identity of 50 Hong Kong people for planning to promote their sense of cultural identity and belonging.

Skills

- **Software:** Stata, LaTeX, Z-tree (familiar); R (beginner)
- **Languages:** Mandarin (Native), English (Fluent), Hokkien
- **Others:** Piano (amateur of 10th level), Ocarina (beginner)