

Hsuan-Hua Huang

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Education

Washington University in St. Louis, Ph.D. in Economics	2020 - present
National Taiwan University, MA in Economics	2015 – 2018
National Chengchi University, BA in Economics	2007 – 2012

Research Interest:

Economics of Education, Labor Economics, Environmental Economics, and Applied Microeconomics

Publication

- Windfall Gains and Stock Market Participation: Evidence from Shopping Receipt Lottery, with Tzu-Chang Forrest Cheng, Tse-Chun Lin, Tzu-Ting Yang and Jian-Da Zhu, *Journal of Banking and Finance* ↗

Working Papers

- When Perception Meets Reality: Ability Gaps, Belief Updating, and Track Choice in High School Transitions, [Job Market Paper ↗](#)
 - Unpacking the STEM Gender Gap: Evidence from Taiwan, with Ian Fillmore, Hao-Chung Li, and Hsienming Lien, [R&R at Journal of Human Capital ↗](#)
 - Liquidity Constraints, Cash Windfalls and Entrepreneurship: Evidence from Administrative Data on Lottery Winners, with Hsing-Wen Han, Kuang-Ta Lo and Tzu-Ting Yang, [Under Review ↗](#)

Work in Progress

- Centralized College Choice and Risk Aversion of Application: Evidence from Taiwan General Scholastic Ability Test
 - Do Fines for Refusing Breath Tests Reduce Drunk Driving? Evidence from Taipei City Police Statistics
 - Cash for Habit: Evaluation of a Smart Energy Saving Project in Taiwan
 - Does Being Wealthy Make You Donate? Evidence from Lottery Winners in Taiwan, with Hsing-Wen Han, Kuang-Ta Lo, and Tzu-Ting Yang
 - Windfall Gains and Housing Allocation: Evidence from Lottery Winners in Taiwan, with Tzu-Chang Forrest Cheng, Tzu-Ting Yang, and Jian-Da Zhu

Awards

- Charles Leven Memorial Prize, Best Second-Year Paper 2023
Decomposition of Gender Gap in STEM Program: Evidence from Taiwan General Scholastic Ability Test
 - Teaching Assistantship Award in National Taiwan University 2016-2018

Conference and Seminar Presentations

Annual Conference of the Population Association of Taiwan(2024), International Symposium on Econometric Theory and Applications(2024), and Taiwan Economics Research(2024).

Employment Experience

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| Research Assistant, National Tamkang University | <i>2019-2020</i> |
| ◦ Integrated NHI claims with tax/land/construction registries to build person-household panels. | |
| ◦ Engineered income, property, and utilization variables; documented linkage/quality control and drafted policy. | |
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| Research Assistant, National Taiwan University; National Central University; Academia Sinica | <i>2018-2019</i> |
| ◦ Linked Taiwan Economic Journal (TEJ) + administrative data to build investor-level panels. | |
| ◦ Led identification strategy with robustness/placebo checks; maintained a reproducible Stata workflow. | |
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| Civil Servant, New Taipei City, Economics Develop Department, Green Industry Section | <i>2015-2016</i> |
| ◦ Drafted energy-transition self-governance regulations | |
| ◦ Executed a \$10 million smart energy-saving project | |
| ◦ Partnered with Taipower to collect and analyze electricity-usage data | |
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| Personal Insurance Representative, Farglory Life Insurance Inc. | <i>2011-2013</i> |
| ◦ Analyzed the characteristics of clients and organized the data sources | |

Teaching Experience

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| Teaching Assistant, Washington University in St. Louis | |
| ◦ Microeconomics(Master's program), Fall 2022, Fall 2023, Fall 2024, and Fall 2025 | |
| ◦ Development Economics, Spring 2023 | |
| ◦ The Economics of Criminal Justice, Spring 2022 | |
| ◦ Introduction to Microeconomics, Fall 2021 | |
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| Teaching Assistant, National Taiwan University | |
| ◦ Principle of Economics, Fall 2016, Spring 2017, Fall 2017, and Spring 2018 (Class size: 200 and evaluation over 4.8/5.0 each semester) | |

Software and Skills

Stata, R, MATLAB, and QGIS

Language

Mandarin (Native), English (Fluent)

References

Ian Fillmore
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Charles River Associates
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Assistant Professor of Economics
Washington University in St. Louis
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Andrew Jordan
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