

# Hsuan-Hua Huang

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## Education

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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

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

## Publication

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- 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

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- 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

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- 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

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- 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

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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 2019-2020

- 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.

Research Assistant, National Taiwan University; National Central University; Academia Sinica 2018-2019

- Linked Taiwan Economic Journal (TEJ) + administrative data to build investor-level panels.
- Led identification strategy with robustness/placebo checks; maintained a reproducible Stata workflow.

Civil Servant, New Taipei City, Economics Develop Department, Green Industry Section 2015-2016

- Drafted energy-transition self-governance regulations
- Executed a \$10 million smart energy-saving project
- Partnered with Taipower to collect and analyze electricity-usage data

Personal Insurance Representative, Farglory Life Insurance Inc. 2011-2013

- 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

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

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Stata, R, MATLAB, and QGIS

## Language

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Mandarin (Native), English (Fluent)

## References

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