

# YUJIE ZHANG

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Department of Economics  
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## RESEARCH FIELD AND TOPICS

Applied Microeconomics: Environment, Social Sustainability, Human Capital

## EDUCATION

Ph.D. in Economics, University of Houston, TX, US, 2020 - 2025 (*expected*)  
M.A. in Economics and Finance, Hanyang University, Seoul, Korea, 2016 - 2018  
B.E. in Ocean and Naval Engineering, Tianjin University, Tianjin, China, 2012 - 2016

## WORKING PAPERS

**"The Long-Term Human Capital Consequences of Exposures to Natural Disasters: Evidence from India"** [[Draft](#)]

*Presentations:* [SEA 2024](#); [AASLE 2024](#)

**"Are Natural Disasters Disastrous for Learning? Evidence from Seven Asian Countries"**, with [Jere R. Behrman](#), [Emily Hannum](#), [Minhaj Mahmud](#), and [Fan Wang](#) [[Draft](#)] [[Slides](#)] [Under Review](#)

*Presentations:* [ADB Conference on Increasing Resilience of Education Systems in Asia and the Pacific](#); [PDRI-DevLab Workshop](#); [Penn-Houston Climate, Environment, and Child Development Workshop](#); [SWUFE SoE Workshop](#); [CIES 2024](#); [PAA 2024](#); [AMES 2024 China](#); [AEDC 2024](#)

## WORK IN PROGRESS

**"Heat Stress and Air Pollution Hotspots: An Analysis of District-Level Trends in Selected Asian Countries"**

*Data:* (1) [ERA5-HEAT temperature data](#); (2) [Satellite-derived PM2.5 data](#)

**"The Effect of Children Gender on Younger Siblings' Health Outcomes"**

*Data:* [Demographic and Health Surveys \(DHS\)](#)

## PUBLICATIONS

**"News-driven Business Cycles: Evidence from Investors' Expectations of Future Stock Market Returns"**, with [Deokwoo Nam](#), *Journal of Economic Research*, 27.1 (2022): 1-22. [[Download](#)]

## RESEARCH EXPERIENCE

**Consultant**, [Asian Development Bank](#), Jul 2024 - present

*Project:* Strengthening policies on climate change in Asia and the Pacific

*Abstract:* (1) Identify climate shock hotspots at national and local levels and population-weighted exposures. (2) Investigate the economic costs of climate change on human capital.

**Doctorate Researcher**, [PIRE Project](#), Jan 2023 - present

*Abstract:* [Climate risk, pollution, and childhood inequalities in low- and middle-income countries](#)

*Partners:* University of Pennsylvania, University of Houston, Asian Development Bank, Inter-American Development Bank, Regional Institute for Population Studies in Ghana, UNICEF, and World Bank

**Graduate Researcher**, [Institute for Research on Women, Gender and Sexuality](#), Jun 2022 - Jun 2023

*Summary:* (1) Census Household Pulse Survey analysis: Tracked households' experience with hardship and recovery from the Pandemic in Houston/Harris County and how it differs by gender, sexual orientation, and household income level. (2) LGBTQ+ support project.

*Data:* (1) [Census Household Pulse Survey](#); (2) Original data collected from [Montrose Center](#)

**Research Assistant**, [Elaine M. Liu](#), University of Houston, Feb 2022

*Summary:* Analyzed county-level data spanning 15 years on car accident mortality related to alcohol use, as well as mortality and morbidity from liver disease.

*Data:* (1) [Fatality Analysis Reporting System \(FARS\) data](#); (2) [National Health Interview Survey \(NHIS\)](#); (3) [Multiple Cause of Death Data on CDC WONDER](#)

## TEACHING EXPERIENCE

**Lecturer**, University of Houston, US, Spring 2024

*Summary:* Principles of Microeconomics; 80+ enrolled; Evaluation: Outperformed the department and college averages in 8 out of 14 evaluation questions, demonstrating strong teaching effectiveness [\[Report link\]](#); [\[Syllabus link\]](#).

**Lecturer, Ph.D. Math Camp**, University of Houston, US, 2021 - 2023

**Teaching Assistant**, [Nathan J. Canen](#), University of Houston, US, Spring 2022

*Summary:* Econometrics I (**Ph.D. Level**); Graded homework and held TA session every week.

**Teaching Assistant**, [Janet E. Kohlhasse](#), University of Houston, US, Fall 2021

*Summary:* Microeconomics I (**Ph.D. Level**); Evaluation: 5/5 for "The teaching assistant was receptive to questions"; 4.9/5 for "The teaching assistant was available for assistance to students" (department average was 4/5).

**Teaching Assistant**, [Eleanor Jawon Choi](#), Hanyang University, Korea, Mar 2017 - Jul 2018

*Summary:* Introductory Mathematical Economics, Econometrics, Empirical Methods in Applied Microeconomics, and Applied Econometrics (**Graduate Level**); 150+ students each semester.

## WORKING EXPERIENCE

**Full-time Client Manager**, Bank of Communications, Jiangsu, China, Aug 2018 - Sep 2019

Served as vice organizer for the Suzhou Gusu branch in "Best Service Bank Branch" national competition, achieving "Four-Star" award from the China Banking Association.

**Intern**, China Construction Bank, Sichuan, China, Jun - Aug 2017

Analyzed housing loans and mortgage applications and participated in post-loan supervision.

## AWARDS, FELLOWSHIPS, AND SERVICES

Coordinator, [UH Econ Student Brown Bag Seminar](#), University of Houston, Fall 2023, Spring 2024

Cullen Graduate Fellowship Travel Grant, University of Houston, Apr 2024

Graduate Fellowship, University of Houston, Sep 2020 - present

Teaching Assistantship, Hanyang University, Mar 2017 - Jul 2018

TOPIK Scholarship, Hanyang University, Dec 2017, Mar 2018

## SKILLS

*Languages:* Mandarin (Native), English (Fluent), Korean (Intermediate)

*Computer:* Python, Stata,  $\LaTeX$ , R, Matlab

*Hobbies:* Badminton, Swimming, Calligraphy, Piano