

YUJIE ZHANG

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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