

# YUJIE ZHANG

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Department of Economics  
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## RESEARCH FIELD AND TOPICS

Environmental Economics, Health Economics, Economics of Education

## 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:* 2024 STATA Texas Empirical Microeconomics Conference; 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](#), *Revise & Resubmit, Economics of Education Review*, Sep 2024 *[Draft]* *[Slides]*

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

## WORK IN PROGRESS

"Population Burden of Rising Heat Stress and Pollution Risks", with Minhaj Mahmud

*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. *[Journal link]*

## 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 funded by NSF](#), 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

(1) [Census Household Pulse Survey](#): Analyzed household hardship and recovery from the pandemic in Houston/Harris County, focusing on heterogeneities by gender identity, sexual orientation, and income. (2) LGBTQ+ support project: collect data from [Montrose Center](#).

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

Analyzed county-level data spanning 15 years on car accident mortality related to alcohol use, as well as mortality and morbidity from liver disease, using data from [Fatality Analysis Reporting System \(FARS\)](#) and [National Health Interview Survey \(NHIS\)](#).

## TEACHING EXPERIENCE

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

Evaluation: Outperformed the department/college averages in 8 out of 14 questions [\[Report\]](#); 80+ enrolled; [\[Syllabus\]](#).

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

Teaching Assistant, Econometrics I (**Ph.D. level**), University of Houston, US, Spring 2022

[Prof. Nathan J. Canen](#); Graded homework and held TA session every week.

Teaching Assistant, Microeconomics I (**Ph.D. level**), University of Houston, US, Fall 2021

[Prof. Janet E. Kohlhasse](#); Evaluation: 5/5 for "Teaching assistant was receptive to questions"; 4.9/5 for "Teaching assistant was available for assistance to students" (department average: 4/5).

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

Applied Econometrics (**Master/Ph.D. level**), Introductory Mathematical Economics, Econometrics, Empirical Methods in Applied Microeconomics; 150+ students each semester.

## WORKING EXPERIENCE

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

## PROFESSIONAL ACTIVITIES

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

Referee for *Journal of Economic Behavior and Organization*, *Economic Modelling*, *Environmental and Resource Economics*.

Discussant at ADBI Conference on Increasing Resilience of Education Systems in Asia and the Pacific, AEDC 2024.

## AWARDS AND FELLOWSHIPS

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