

# YUJIE ZHANG

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University of Houston, Department of Economics  
Teaching Unit II Room 105, Houston, TX, 77004  
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## RESEARCH FIELD AND TOPICS

Environmental Economics, Health Economics, Economics of Education

## EDUCATION

Ph.D. in Economics, University of Houston	Texas, 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 Natural Disasters: Evidence from India" (*Job Market Paper*) [[Draft](#)] [[Poster](#)]

"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](#)]

## 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

[Census Household Pulse Survey](#) Analysis; LGBTQ+ Support Project with [Montrose Center](#).

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

Analyzed county-level data on car accident mortality using [FARS](#) and [NHIS](#).

## TEACHING EXPERIENCE

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

*[Evaluation]*: 4.1/5 for "Overall course quality"; 4.6/5 for "Respect students"; *[Syllabus]*; 80+ enrolled.

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

Teaching Assistant, Econometrics I (Ph.D.), [Nathan J. Canen](#), University of Houston Spring 2022

Teaching Assistant, Microeconomics I (**Ph.D.**), [Janet E. Kohlhase](#), University of Houston *Fall 2021*

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

Applied Econometrics (**Graduate**), 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.

## PROFESSIONAL ACTIVITIES

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

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

Discussant Asian Economic Development Conference 2024; ADBI Conference on Increasing Resilience of Education Systems in Asia and the Pacific

## PRESENTATIONS

*\* coauthor presentation*

2025 ADB Economists Forum 2025\*; [PAA](#) (US)

2024 [CIES\\*](#); [PAA](#) (US); [AMES](#) (China); [Asian Economic Development Conference](#) (Korea); [STATA Texas Empirical Microeconomics Conference](#) (US); [SEA](#) (US); [AASLE](#) (Thailand)

2023 [PDRI-DevLab Workshop](#) (virtual); [ADBI Conference on Increasing Resilience of Education Systems in Asia and the Pacific](#) (Japan); [Penn-Houston Climate, Environment, and Child Development Workshop](#) (US); [SWUFE SoE Workshop](#) (China)

## 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 (TOPIK-5)

Computer Python, Stata,  $\text{\LaTeX}$ , R, Matlab

## REFERENCES

**Elaine M. Liu** (Co-Chair), Professor of Economics, University of Houston & NBER  
[emliu@uh.edu](mailto:emliu@uh.edu)

**Fan Wang** (Co-Chair), Associate Professor of Economics, University of Houston  
[fwang26@uh.edu](mailto:fwang26@uh.edu)

**Aimee Chin**, Professor of Economics, University of Houston & NBER  
[achin@uh.edu](mailto:achin@uh.edu)

**Emily Hannum**, Stanley I. Sheerr Term Professor in the Social Sciences, Associate Dean for Social Sciences, Professor of Sociology, University of Pennsylvania  
[hannumem@sas.upenn.edu](mailto:hannumem@sas.upenn.edu)

**Minhaj Mahmud**, Senior Economist, ERDI Department, Asian Development Bank  
[mmahmud@adb.org](mailto:mmahmud@adb.org)

**Natalia Zhivan** (Teaching Reference), Undergraduate Program Director, Instructional Associate Professor of Economics, University of Houston  
[nazhivan@uh.edu](mailto:nazhivan@uh.edu)