

XIAN ZHANG

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Google Scholar: <https://scholar.google.com/citations?user=2vQePQoAAAAJ&hl=zh-TW>



Education

Duke University, Economics Department
Master of Arts in Economics

Durham, NC, USA
August 2017 - May 2019

- Coursework: Econometrics I & II (Ph.D. Core), Micro-econometrics, Applied Econometrics
- Awards: M.A. Merit Scholar Award

Shanghai University of International Business And Economics (SUIBE)
Bachelor's Degree in Corporate Finance

Shanghai, China
September 2013– July 2017

- Awards: First-Class Scholarships (top 5%), Twice Second-Class Scholarships (top 10%)

Work Experience

Duke Kunshan University, Global Health Research Center

Kunshan, Suzhou, China

Research Fellow (Supervisor: Prof. Lijing L. Yan lijing.yan@duke.edu)

July 2021 – Present

- Led several research projects that led to academic publication; Mentored students in their thesis; Grand Application; Delivered lectures in data analyses.

The World Bank Group, Universal Health Coverage (UHC)

Washington, DC, USA

Research Fellow (Supervisor: Economist Steven Neelsen sneelsen@worldbank.org)

November 2019 – June 2021

- Identified and cleaned household survey data and generated country-level variables on healthcare services and catastrophic health expenditure for the Health Equity and Financial Protection Indicators (HEFPI) database.

Duke Center for International Development (DCID)

Durham, NC, USA

Research Assistant (Supervisor: Estuardo Pineda estuardo.pineda@duke.edu)

May 2018 – January 2019

- Designed and published two online surveys and collected data from 150 Guatemala NGOs using **Qualtrics**.
- Visualized the distribution of 4730 nutrition activities with an interactive map using **ArcGIS**.

Selected Publication & Manuscript under review

Summary: Published 10 peer-reviewed papers and 5 abstracts, presented at 3 conferences.

1. Chen X*, Zheng Y*, Wang K, **Zhang X**, Nakai K, Yan LL#. Resting heart rate and risk of dementia: a Mendelian Randomization Study in the International Genomics of Alzheimer's Project and UK Biobank. PeerJ.
2. **Zhang X***, Shen P*, Liu J, Ji X, Su K, Hu R, Chen C, Fang Hai, Jin X, Lin H, Sun Y, Yan LL. Evaluating the Effectiveness and Cost-effectiveness of Free Influenza Vaccination Policy for Older Adults in Yinzhou, China: Study Protocol of a Real-World Analyses. Vaccine. 2023 Jul 31;41(34):5045-5052. doi: 10.1016/j.vaccine.2023.06.087. Epub 2023 Jul 5. PMID: 37419850.
3. Sun Y*, **Zhang X***, Shen P, Ye L, Yan LL., Lin H. [Effectiveness of free influenza vaccination among elderly people ≥ 70 years of age in Yinzhou district of Ningbo city: a real-world retrospective cohort study]. [J]. Chinese Journal of Vaccines and Immunization, 2023, 29(03): 253-260. DOI: 10.19914/j.CJVI.2023043.
4. Dong D*, Zhang X*, Liu S*, **Zhang X**, Li Z, Yang Y, Fang Y, Li H, Qian J, Yan LL#, Jing Wu#. Effect of National Demonstration Area Project for the Prevention and Control of Noncommunicable Diseases on Behaviors risk factors in China: a synthetic Difference in Difference study. The Lancet Regional Health – Western Pacific Health. 2024 Sep; doi: 10.1016/j.lanwpc.2024.101167.
5. **Zhang X***, Zhang X*, Li Z*, Fang Y, Dong W, Liu Z, Wu J#, Yan LL#. Synthetic difference-in-differences method in program evaluation: A case study of the National Integrated Demonstration Areas for Non-Communicable Disease Prevention and Management Program in China. Heliyon (Under review)
6. **Zhang X***, Ji X, Yang B, Su K, Hu R, Chen C, Liu J, Jin X, Shen P, Sun Y#, Lin H#, Yan LL. Evaluating the Effectiveness and Cost-effectiveness of Free Influenza Vaccination Policy for Older Adults in Yinzhou, China. The Lancet Regional Health – Digital Health. (Under review)

Skills

Programming Skills: STATA, R, ArcGIS, Python, SQL(dbvisualizer), Quartrics, LaTeX

Experimental Skills: Data analyses, Causal Inference, Academic Writing, Literature Review, Grand Application

Professional Service: Peer Reviewer, Data Analysis Instructor, Thesis Assistant Mentor