

YUANHANG WANG

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Texas A&M University

College of Agriculture & Life Sciences

Department of Agricultural Economics

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Citizenship: China

RESEARCH INTERESTS

Development Economics, applied microeconomics, climate change, food security

EDUCATION

Texas A&M Univesity College Station, TX
PhD in Agricultural Economics 2020 - 2024
Advisor: Kashi Kafle.

Texas A&M Univesity College Station, TX
MS in Economics 2018 - 2020

Rutgers University New Brunswick, NJ
BA in Economics, minor in Statistics (Cum Laude) 2017

FELLOWSHIPS, GRANTS, AND AWARDS

Texas A&M University Graduate Research Assistantship 2022-2024
AAEA Trust Scholarship 2022
Texas A&M University Graduate Teaching Assistantship 2020-2022

WORK IN PROGRESS

“Weather shocks and migration among small-scale farmers in Uganda.”
Kashi Kafle, Yuanhang Wang, Barnabas Kiiza.

RESEARCH EXPERIENCE

Remittance and Personal Security in Kyrgyzstan
Advisors: Kashi Kafle and Shahriar Kibriya. Jan 2023 – Dec 2024
-Conducted literature reviews on remittance, regional conflict, and social security.
-Used the “Life in Kyrgyzstan” Study (LiK Study) data to study the interrelationship between remittance, security, and conflict.
-Used data from The Armed Conflict Location & Event Data Project (ACLED) for crossvalidation.
-Wrote draft based on the updated results.

Weather shocks and migration among small-scale farmers in Uganda

Advisors: Kashi Kafle, Barnabas Kiiza

Jan 2022 – Dec 2024

- Conducted literature reviews on migration and weather shocks.
- Used the Living Standard Measurement Study – Integrated Survey in Agriculture (LSMS-ISA) panel data from Uganda to study the interrelationship between migration, agriculture, and climate change.
- Gathered meteorological rainfall and temperature data from Copernicus ERA5-Land hourly data and merged it with LSMS-ISA household data using ArcGIS.
- Conducted two focused group discussions in Uganda. Designed the questionnaire. Collected data from interviewees and prepared the summary report.

Forecasting 2020 US Recession Probability with Multivariate Logistic Model

Advisor: Li Gan

2020

- Conducted literature reviews on inversed spread terms and other financial market indicators.
- Constructed the static nonlinear model and neural network model to estimate the spread term forecasting probability of recessions in history.
- Yielded results with recession will occur in the third quarter of 2020 with the static nonlinear model; recession will occur in the first quarter of 2020 with the neural network model.

College Towns: Handle Data With Care

Mentors: Dennis W. Jansen

2019

- Conducted college town list based on restricted criteria using American Community Survey (ACS).
 - Investigated the college town counties in aspects of house affordability, education level, age, ethnicity, and crime rate for report writing.
- Published on Private Enterprise Research Center [Download the latest version [here](#)].

TEACHING EXPERIENCE

Teaching assistant, Department of Agricultural Economics

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| AGEC 430: Macroeconomics of Agriculture | Fall 2021 |
| AGEC 434/634: Rural Financial Markets and Financial Planning | Spring 2021 |
| AGEC 603: Land Economics | Spring 2021 |
| AGEC 430: Macroeconomics of Agriculture | Fall 2020 |
| AGEC 317: Economic Analysis for Agribusiness Management | Fall 2020 |

Teaching assistant, Department of Economics

Spring 2020

ECON 312: Poverty, Inequality and Social Policy

WORKING EXPERIENCE

Development Effectiveness and Policy Analysis Lab

Research Associate

Remote
2025 - present

Advisor: Shahriar Kibriya.

-Combine Ethnolinguistic polygon data with ACLED and household panel data.

-literature search, experiment design, and spatial data analysis.

PRESENTATIONS

Weather shocks and migration among small-scale farmers in Uganda

Population Association of America, poster presentation Annual Meeting, New Orleans, LA.

April 2023

Himalayan Policy Research Conference, University of New Mexico, online presentation.

July 2022

FragileLives 2024, Berlin, Germany.

Oct 2024

Life in Kyrgyzstan Conference, online presentation.

Oct 2024

SKILLS

Programming

Proficient in: STATA, R, MATLAB.

Familiar with: SAS, ArcGIS, LS-DYNA, Python, LaTeX, Photoshop.

LANGUAGES

Chinese (Native), English (advanced)

Paper forthcoming

- “”Too Poor to Migrate”: The Ballad of Labor Migration and Land Fragmentation in Uganda.” With Kashi Kafle, Naureen Fatema, Shahriar Kibriya and Ronald Twongyirwe.

(Land Use Policy, R&R)

- “Food Price Shocks and Food Supply in Fragile States: A Systematic Review.” With Shahriar Kibriya, Anthony Baffoe-Bonnie, Naureen Fatema, and Kashi Kafle.

(International Food and Agribusiness Management Review, R&R)

- “Correlates of Help-Seeking Behavior Among Poor Households: A Focus on Children’s and Women’s Outcomes.” With Kashi Kafle and Shahriar Kibriya.

(Journal of International Development, R&R)

Paper invited

- “Remittances, perception of security, and incidence of violence in Kyrgyzstan.” With Kashi Kafle and Shahriar Kibriya.

(Job Market Paper) (HiCN selected paper 2024) (World Development - Special Issue Proposal Invited)

Research Fellow Offer

Awarded a three-year Research Fellow position at Curtin University in recognition of academic qualifications, though unable to commence due to unforeseen visa complications.