

Spencer Yuan-Han Wang

✉ yuw462@psu.edu | 🌐 sites.google.com/view/spenceryuan-hanwang | ☎ (814) 206-6906

EDUCATION

- Pennsylvania State University**, Ph.D. in Economics (Expected) May 2025
- National Taiwan University**, M.A. in Economics June 2017
1-year exchange student at UC Berkeley
- National Taiwan University**, B.A. in Business Administration June 2015
1-year exchange student at Tulane University

SKILLS

Technical Skills: Monetary economics, causal inference, panel data analysis, time series analysis, vector autoregressive model, New-Keynesian model, DSGE modeling, statistical learning.

Fluent in: R (preferred, 10 years of experience), MATLAB, Python, Office Excel, Chinese, English.

RESEARCH

- Central Banks Avoid Reporting Losses Through Foreign Exchange Intervention*
(Job Market Paper) 2024
- First research to show that central bank profit concerns affect monetary policies. Establish the causal relationship using complex financial statements across 116 central banks over 25 years.
 - Demonstrate how such profit concerns can benefit the economy using a modern dynamic model.
- What's the Bottom Line? Central Banks' Profits and Monetary Policy*
(Joint work with Prof. Jiro Yoshida) 2024
- Measuring the Return and the Volatility Connectedness of Taiwan's Equity Market*
(Master's Thesis) 2017

EXPERIENCE

- Research Assistant**, Pennsylvania State University 2019-2024
- Work with five Professors across the years on research projects related to machine learning, antitrust laws, international trade, time series analysis, and econometrics.
 - Apply machine learning tools to analyze healthcare, traffic, and criminal data.
 - Organize economic and factual information in court documents and verdicts on monopoly cases.
 - Construct panel datasets of 14K consumption goods categories with 1.8M US import data entries.
- Lecturer**, Pennsylvania State University
- *Intermediate Macroeconomics*: 4.85/5 in overall teaching effectiveness, 4.77/5 in creating a welcoming and inclusive environment. Summer 2024
 - *Introductory Economics*: 5.67/7 in overall teaching effectiveness. Summer 2022
- Teaching Assistant**, Pennsylvania State University 2019-2024
- Serve as Teaching Assistant for 8 courses covering all major fields of economics. Responsibility includes holding office hours, grading, and teaching a portion of the course.
- Other Experience and Service**
- Visiting student at Yale School of Management. April 2024
 - One-year mandatory military service in Taiwan 2017-2018

MISCELLANEOUS

Citizenship: Taiwan, US Permanent Resident.

Reference: David Argente (PhD advisor, Professor of Economics at Yale), david.argente@yale.edu
Jiro Yoshida (co-author, Professor of Business at Penn State), jiro@psu.edu