

# Spencer Yuan-Han Wang

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## EDUCATION

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

## SKILLS

**Technical Skills:** Panel data analysis, monetary policy analysis, time series analysis, causal inference, New-Keynesian model, vector autoregressive model, DSGE modeling, statistical learning.

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

## RESEARCH

<i>Central Banks Avoid Reporting Losses Through Foreign Exchange Interventions</i> (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.	
◦ Use a modern dynamic model to demonstrate that central bank profit concerns are generally bad for the economy. However, they can benefit the economy during financial crises.	
<i>What's the Bottom Line? Central Banks' Profits and Monetary Policy</i> (Joint work with Prof. Jiro Yoshida)	2024
<i>Measuring the Return and the Volatility Connectedness of Taiwan's Equity Market</i> (Master's Thesis)	2017

## EXPERIENCE

<b>Research Assistant</b> , Pennsylvania State University	2019-2024
◦ Work with five Professors on research projects related to antitrust laws, machine learning, international trade, time series analysis, and econometrics.	
◦ 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.	
◦ Apply machine learning tools to analyze healthcare, traffic, and criminal data.	
<b>Lecturer</b> , Pennsylvania State University	
◦ <i>Intermediate Macroeconomics</i> : 4.85/5 in overall teaching effectiveness.	Summer 2024
◦ <i>Introductory Economics</i> : 5.67/7 in overall teaching effectiveness.	Summer 2022
<b>Teaching Assistant</b> , Pennsylvania State University	2019-2024
◦ Serve as Teaching Assistant for 10 courses covering all major fields of economics. Responsibility includes holding office hours, grading, and teaching a portion of the course.	
<b>Other Experience and Service</b>	
◦ 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