

# SEYOUNG WON

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## EDUCATION

### University of Washington

Ph.D. in Economics (Committees: Eric Zivot (chair), Chang-Jin Kim, Jing Tao)  
Master of Arts in Economics

Seattle, United States

(Expected 2026)

2022

### University of Melbourne

Bachelor of Commerce (Degree with Honours) in Economics, *First Class Honours*

Melbourne, Australia

2019

## FIELD OF INTERESTS

Applied Time Series Econometrics, Empirical Macroeconomics, Inflation

## RESEARCH

### Job Market Paper

- Climate Change and the US Macroeconomy:  
**Bayesian Time-Varying Parameter Approach with Stochastic Volatility**
  - This paper supplements the study of Kim, Matthes and Phan (AEJ:Macro, 2025) by employing a vector autoregression model with time-varying coefficients so that the analysis about the impact of the climate change to the US macroeconomy is available for all periods of data, not just the start point and the end of the data periods.
  - It presents the evolution of the effect of a climate change shock to the growth in inflation, industrial production output and unemployment across the periods 1975 to 2024. Inflation responses dampen more rapidly, whereas the initial impact becomes larger over time. The output production growth decreases immediately after the climate shock and exacerbates over time. Unemployment rate tends to have its re-hiring process disappeared as the time goes by.
  - This paper conducts two different structural break tests for the Actuaries Climate Index (ACI) data, showcasing that the necessity for the awareness of breakpoint which potentially could bias the impulse response analysis.

Presented at 100th Western Economic Association International conference (2025)  
& 67th World Social Science Association conference (2025)

### Working Papers & Work in Progress

#### • Global Oil Price and its Impact on South Korean Macroeconomy

- This paper studies the changing effects of the global crude oil change onto the South Korean macroeconomy. The initial oil price shock brings an increase in inflation, an increase in production and an increase in unemployment. The responses of those variable from the oil price shock change over time.
- The initial response of the production from the oil shock drops from the year 2008 and it turns to negative since 2014. This change in responses is consistent to the trade literature stating that China is catching up Korea's economic status and technological progress, becoming a competitor of Korea. As a consequence, Korean industry experiences a change in industrial structure from the demand-driven price changes of the global crude oil.

#### • Weather and large macroeconomics variables

#### • On Differentiation of Digital Duopoly with Heterogeneity in Values (pre-doctoral work)

## TEACHING EXPERIENCE

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### Instructor

Intermediate Microeconomics  
Introduction to Macroeconomics  
Introduction to Microeconomics

University of Washington  
Spring 2024, Winter 2024, Autumn 2023, Winter 2023  
Spring 2023  
Autumn 2022

### Teaching Assistant

Investment, Capital, and Finance  
Introduction to Macroeconomics  
Introduction to Microeconomics

University of Washington  
Winter 2025  
Autumn 2024  
Autumn 2021, Spring 2021, Autumn 2020

## SKILLS & PERSONAL

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<b>Languages</b>	English (Fluent), Korean (Native), Japanese (Introductory)
<b>Program</b>	MATLAB, L <sup>A</sup> T <sub>E</sub> X, R, Python
<b>Citizenship</b>	Republic of Korea (South Korea)
<b>Military Service</b>	Sergeant, Republic of Korea Army (2012-2014)

## HONORS & AWARDS

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Agnes Anderson Research Fund, University of Washington	2025
Economics Department Travel Funding, University of Washington	2022
Partial Funding Fellowship, University of Washington	2022
George and Pearl Corkery Scholarship, University of Washington	2020
Leaders in Communities Award, University of Melbourne	2019

## REFERENCES

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### Eric Zivot (chair)

Professor of Economics  
University of Washington  
✉ ezivot@uw.edu

### Chang-Jin Kim

Professor of Economics  
University of Washington  
✉ changjin@uw.edu

### Jing Tao

Associate Professor of Economics  
University of Washington  
✉ jingtao@uw.edu