

Youngwook Jung

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EDUCATION

<i>Ph.D. Economics</i> at University of Illinois at Urbana-Champaign (UIUC)	May 2024 (<i>expected</i>)
<i>M.A. Economics</i> at Sungkyunkwan University, Republic of Korea	August 2017
<i>B.A. Economics</i> at Sungkyunkwan University, Republic of Korea	August 2015

RESEARCH FIELDS AND TOPICS

Labor Economics; Internal migration, Retirement, Demography
Regional Economics; Housing market, Regional econometric input-output model
Applied Microeconometrics; Instrumental variable, Causal inference

RESEARCH

Working Papers

- ❖ **Substitutability between prime-age and marginal-retirement-age workers (Job Market Paper)**
 - Analyzes the effects of internal migration of prime-age workers across 320 U.S. metros during 2002–2019.
 - Constructs the instrumental variable, uses a local projection method, and establishes a causal inference analysis.
 - Implements the welfare analysis for workers approaching retirement.

Research in Progress

- ❖ Differential response of young and mature firms to labor demand shocks
- ❖ Negative net migration and the local economy (with *Geoffrey Hewings*)
- ❖ Is this time really different? Impacts of COVID-19 on state and local economies and housing markets (with *Jiyoung Chae*, *Ivan Caceres*, and *Geoffrey Hewings*)
- ❖ Assessing the validity of fiscal contract theory: An examination of adopting value-added tax

RESEARCH EXPERIENCE

- ❖ **Regional Economics Application Laboratory:** Supervised by *Prof. Geoffrey Hewings* 2019–2021
 - Issued the monthly Chicago Business Activity Index report (**CBAI**): Generated by combining national components with local dynamic factors, derived from partitioned regression and principal components methods.
 - Evaluated regional impact with the Regional Econometric Input-Output Model, analyzing how events like the Chicago Marathon and Ameren's capital/O&M sector growth influence regional output, income, and employment.

CONFERENCES AND SEMINARS

Western Economic Association International (San Diego, US), PhD-EVS (Virtual, International), Midwest Econometrics Group Conference (Cleveland, US), Korea-America Economic Association Job Market Conference (Virtual, US), North American Meetings of the Regional Science Association International (San Diego, US) 2023

TEACHING EXPERIENCE

Teaching Assistant

- ❖ Big Data Analytics in Finance (Graduate course), *Prof. Gao Xing* Fall 2023–present
 - Instruct on implementing diverse statistical and machine learning algorithms in R to solve business challenges and capitalize on opportunities.
 - Topics: Data visualization, Regression, Lasso, Trees, Bagging, Random Forests, Boosting, Neural Networks, Randomized control trials, Causal designs, R programming within AWS.
- ❖ Macroeconomic Principles, *Prof. Vazquez Jose* Fall 2022–Spring 2023
 - Presented various macroeconomic concepts through self-developed materials in weekly sessions, simplifying complex ideas into easily understandable language.
- ❖ Macroeconomic Principles, *Prof. Ramses Armendariz Buaun* Spring 2022
- ❖ Statistical Analysis for Economics, *Prof. In-Moo Kim* Fall 2016
- ❖ Mathematical Statistics (Graduate course), *Prof. In-Moo Kim* Spring 2016

FELLOWSHIPS AND AWARDS

Travel Award, University of Illinois at Urbana-Champaign	2023
Department Fellowship, University of Illinois at Urbana-Champaign	2017–2018
The National Research Scholarship (Humanities and Social Sciences), KOSAF	2016
Cho Byeongdu Scholarship, Sungkyunkwan University	2014–2015
Excellence Award, Undergraduate Paper Competition, Sungkyunkwan University	2014
Excellence Award, International Development Competition, Korea Export-Import Bank	2013
Special Award, Thesis Competition, Market Economic Research Institute	2013
Best Prize, Thesis Competition, Korea Development Institute	2012

OTHER INFORMATION

Languages: English (fluent), Korean (native)

Skills: STATA, R, Python, SQL (basic)

Activities and communities: Military Service (Sergeant, Republic of Korea Air Force), Dasan Finance Club

REFERENCES

Professor Greg Howard (Chair) UIUC, Department of Economics glhoward@illinois.edu	Professor Stephen Parente UIUC, Department of Economics parente@illinois.edu
Professor Geoffrey Hewings UIUC, Institute of Government and Public Affairs hewings@illinois.edu	