

Jae Wook Jung

Northeastern University

✉ jung.jaew@northeastern.edu 🌐 j-jaewook.github.io 📞 623-570-8759

Education

Northeastern University

Ph.D. candidate in Economics

2022 – May 2027 (*Expected*)

Brigham Young University–Idaho

B.S. in Economics, *Magna Cum Laude*

2022

Research Interests

Labor Economics, Development Economics, Industrial Organization.

Teaching Interests

Principles/Intermediate of Microeconomics, Labor Economics, Development Economics, Industrial Organization, Econometrics, Statistical Methods.

Research Papers

Working Papers.

Job Market Paper. Priced Out of Work, Into School: Minimum Wages and Schooling in Thailand's Dual Labor Market.

I study how Thailand's 300 Baht minimum wage affected the schooling decisions of youth aged 15–17 in a dual labor market. I extend a model of the schooling decision to this setting. Exploiting provincial variation in the size of the increase in a continuous difference-in-differences design, I find that the policy increased enrollment, driven by a shift away from working without attending school and concentrated among youth from less-educated households. Household expenditure shows no response, pointing to the labor market rather than the household income channel as the source of the gain.

Is AI Labor-Augmenting? Evidence from Korean Firms. With Ziyao Wang. (*Under review*).

We study whether AI adoption biases technological change toward labor, estimating its effects on labor-augmenting and Hicks-neutral productivity for Korean firms from 2017 to 2024. Adoption raises labor-augmenting productivity by 6.1% and output by 1.6%, with no detectable effect on Hicks-neutral productivity. The labor-augmenting effect in manufacturing is twice that in ICT, arising through production processes in manufacturing and through product and service development in ICT. We find no evidence that adoption raises firm markups.

Open to All? Diversity Statements in Job Advertisements and Hiring Discrimination. With Mark Granberg, Shantanu Khanna, and Samantha Sinclair.

Using nearly 11,500 job advertisements in Sweden, we characterize which jobs and firms include diversity statements and test whether these statements are associated with less hiring discrimination. A correspondence study finds lower callbacks for ethnic minorities and higher callbacks for women. Discrimination appears lower for ads with diversity statements, but the gap disappears once job and employer characteristics are balanced.

Work in Progress.

Competitive Federalism and Development: Evidence from a place-based policy in India (Tentative title) With Shantanu Khanna.

Teaching Experience

Instructor of Record, Northeastern University

Principles of Microeconomics (ECON 1116)

Summer 2026

Recitation Leader, Northeastern University
Principles of Microeconomics (ECON 1116)

Fall 2026

Teaching Assistant, Northeastern University

Economics of Sustainability (ECON 1711)

Fall 2025, Spring 2026

Religious Influences on Economics (ECON 3916)

Fall 2025, Spring 2026

Health Economics and Health Policy (ECON 3413)

Spring 2024

Healthcare and Medical Economics (ECON 1230)

Fall 2022 – Fall 2023

International Food Policy (ECON 3404)

Fall 2022, Spring 2023

Research Experience

Research Assistant to Prof. Shantanu Khanna, Northeastern University

2023 – 2025

The Effects of Artificial Intelligence on Jobs: Evidence from an AI Subsidy Program.
(*IZA Discussion Paper* No. 18267, 2025.)

Research Assistant to Prof. Nishith Prakash, Northeastern University

2024 – 2025

Shaping Minds: The Transformative Effects of Theater-Based Learning

(*Journal of Development Economics*, accepted based on pre-results review.)

Shaping Future Success: Evidence from an Early Childhood Human Capital Formation Intervention.

(*IZA Discussion Paper* No. 18159, 2025.)

Scholarships

Jack & Mary Wheatley Leadership Scholarship

2020 – 2022

Brigham Young University–Idaho

Ezra Taft Benson Awards

2022

Brigham Young University–Idaho

Work Experience

Research and Business Development Center, Rexburg, ID

2021

Research Associate: Data collection and market analysis.

Republic of Korea Army

2015 – 2017

Sergeant, Army Canine Unit. Squad leader.

Languages

Korean (native), English (fluent).

Programming

Stata, R, Python, SQL, MATLAB, $\text{\LaTeX}$.

Citizenship and Residency

U.S. Permanent Resident (Citizen of South Korea)

References

- Shantanu Khanna, Assistant Professor of Public Policy and Economics, Northeastern University.
s.khanna@northeastern.edu (chair)

- Bilge Erten, Associate Professor of Economics and International Affairs, Northeastern University. b.erten@northeastern.edu
- Mindy Marks, Associate Professor of Economics, Northeastern University. m.marks@northeastern.edu