

# SANGHEE MUN

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## FIELDS OF INTEREST

Labor Economics, Public Economics, Health Economics, Applied Econometrics

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## EDUCATION

**University of Illinois Urbana Champaign**

Fall 2020 - Spring 2026 (Expected)

*PhD in Economics*

**Korea University**

*M.A in Economics*

Fall 2018 - Spring 2020

*B.A in Economics*

Spring 2014 - Spring 2018

*B.A in Financial Engineering* (Second Major)

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## PUBLICATIONS

Single-sex schools and students' Physical Health: Evidence from National Physical Test in South Korea (with Youngjoo Jung) **2025, Economics Letters, 112279**

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## JOB MARKET PAPER

Disrupted Support, Disrupted Careers: Time Constraints and Occupational Heterogeneity in Women's Labor Market Behavior

*Abstract:* Skilled women often rely on outsourced household services to balance professional and household responsibilities. When the availability of these services contracts—such as through changes in local labor market conditions—women face intensified time constraints, often forcing a reallocation of hours toward household tasks at the expense of market work. The extent of this adjustment can differ across occupations due to variation in job demands and constraints. This paper exploits the staggered rollout of the Secure Communities immigration enforcement program as an exogenous shock, reducing the availability of domestic service workers to estimate its impact on women's labor supply. A difference-in-differences model using American Community Survey data shows that the shock significantly reduced the working hours of college-educated women in skilled occupations. The reductions are significantly larger for women in “time-greedy” occupations—those with a convex wage structure that disproportionately rewards long hours—compared to women in low-return occupations. This pattern can arise when greater reliance on outsourced services prior to the shock amplifies the impact of service disruptions. Among married women in high-return occupations, the reductions are substantially smaller when spouses hold flexible jobs, highlighting the importance of intra-household dynamics in buffering the career consequences of service disruptions. These findings reveal an important channel through which disruptions in household services increase women's time constraints, producing occupation-specific penalties for women's labor supply and potentially widening gender disparities among skilled professionals.

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## WORKING PAPERS

Impact of the Drug Crisis During Adolescence on Educational Outcomes and Labor Market Outcome (with Sunny Liu)

Unintended Benefits: Immigrant-Inclusive Policy, Mental Health, and Risk Behaviors of Hispanic Adolescent (**Submitted**)

Effects of Eliminating Early Morning School Hours on the Adolescents' Sleep Patterns, Health, and Time Use

## WORK IN PROGRESS

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Cure Model Difference-in-Differences Estimator (with Wonjun Choi and Juhyeon Oh)  
Opioid Crisis and Firm Response  
Racial Segregation and Health: Evidence from Historical Railroad Configuration

## OTHERS

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Analysis of Unemployment Insurance Claimant Experience Survey (with Eliza Forsythe) (**Report prepared for the Illinois Department of Employment Security (IDES)**)

## HONORS AND AWARDS

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Robert E. Demarest Memorial Award, UIUC,	2024
Travel Award, UIUC,	2024
List of Teachers Ranked Outstanding (x3), UIUC,	Fall 2021, Spring 2022, Spring 2023
List of Teachers Ranked Excellent, UIUC,	Fall 2022, Fall2023
Excellence in Teaching Awards, EGSO UIUC,	Spring 2022
Department Fellowship, UIUC,	Fall 2020-Spring 2021
BK 21 Plus Scholarship, Ministry of Education, South Korea,	Fall 2018- Spring 2020
Research Assistant Scholarship, Korea, University,	2018, 2019
Semester High Honors, Korea University,	2014, 2015, 2016, 2017
Veritas Program Scholarship, Korea University,	2017
National Scholarship For Humanities And Social Sciences, Korea Student Aid Foundation,	2015
<i>awarded to undergraduates with strong academic performance in social science with the purpose of developing future leaders</i>	

## CONFERENCE AND WORKSHOP

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2025: APPAM 2025\*, MVEA 2025\* , AMRL (UIUC)  
2024: Midwest Economics Association (MEA), AMIE 2024, SEA 2024 (Invited), APPAM 2024, AMRL (UIUC)  
2023: CSWEP PhD Economics Students Mentoring Workshop in Health Economics and Health Policy, AMRL (UIUC)

\*Scheduled

## RESEARCH EXPERIENCE

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**Research Assistant**, UIUC Fall 2023 ~ Present

Advisor: Professor Eliza Forsythe

- Processed and analyzed large-scale job-posting datasets (500M+ observations) from Lightcast (Burning Glass) and LinkedIn to examine how artificial intelligence exposure influences occupational dynamics and job characteristics.
- Collaborated with the Illinois Department of Employment Security (IDES) to enhance equity in Unemployment Insurance Benefit Access
- Using unemployment insurance claim surveys, conducted sophisticated text analysis on open-ended survey responses, systematically categorizing qualitative feedback, and applied regression analysis to uncover demographic patterns and equity-related insights.
- Developed robust data analytics frameworks and regression models to inform economic research, guiding policy decisions aimed at equitable access to unemployment insurance

*Research Assistant*, UIUC  
Advisor: Professor Benjamin M. Marx

Summer 2023, Spring 2024, Summer 2024

### Disparities in Aid for Natural Disasters

- Built R pipelines to merge raw tornado path data with multi-decade census data at the block and ZCTA levels using spatial joins and NHGIS crosswalks.
- Automated data retrieval and processing with R, standardizing complex datasets across 1990, 2000, and 2010.
- Developed dynamic maps to visualize socio-economic indicators—such as Black population share and median household income—across tornado-impacted areas.

*Research Assistant*, Korea University  
Advisor: Professor Chi-rok Han

Fall 2019

*Research Assistant*, Korea University  
Advisor: Professor Myoung-jae Lee

Fall 2018, Spring 2018

### TEACHING EXPERIENCE

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[ECON 531]	Macroeconomic Theory I (Ph.D level), UIUC	FA 2021†, FA 2022‡
[ECON 534]	Macroeconomic Theory II (Ph.D level), UIUC	SP 2022†, SP 2023†
[ECON 102]	Microeconomic Principles, UIUC	SP 2023‡, SP 2025†
[ECON 518]	Econometric Analysis (Graduate level), UIUC	FA 2019
[ECON 793]	Treatment Effect and Program Evaluation Analysis, Korea University	SP 2019
[ECON 463]	Intermediate Econometrics, Korea University	FA 2019

† Teacher ranked as outstanding    ‡ Teacher ranked as excellent

### TECHNICAL SKILLS

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<b>Advanced</b>	STATA, R, GAUSS, LaTeX
<b>Moderate</b>	Python

### LANGUAGES

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English (Fluent), Korean (Native)

### REFERENCES

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**Eliza Forsythe (Co-chair)** eforsyth@illinois.edu  
Associate Professor, Department of Economics and School of Labor & Employment Relations  
University of Illinois at Urbana-Champaign

**Benjamin M. Marx (Co-chair)** bmarx2@gsu.edu  
Associate Professor, Department of Economics  
Georgia State University

**Russell Weinstein** weinst@illinois.edu  
Associate Professor, Department of Economics and School of Labor & Employment Relations  
University of Illinois at Urbana-Champaign

**Alex Bartik**

Assistant Professor, Department of Economics  
University of Illinois at Urbana-Champaign

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