

# JOONHONG AHN

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## CONTACT

Mobile: 469-601-8721  
Email: ja9c9@mail.missouri.edu  
Homepage: <https://sites.google.com/view/joonahn/home>  
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118 Professional Bldg.  
Department of Economics  
University of Missouri  
Columbia, MO 65211-6040

## EDUCATION

Ph.D., Economics, University of Missouri **Expected: May 2021**  
Thesis Title: *Essays on Intergenerational Transmission in Korea*  
under the supervision of Dr. Peter Mueser

M.A., Economics, Dongguk University (*Early Graduation*) **August 2013**

B.A., Economics, Dongguk University (*with Honors*) **February 2012**

## EMPLOYMENT

Korea Energy Economics Institute (KEEI), Republic of Korea  
Assistant Researcher in Energy Demand Management Team **September 2013 - December 2014**

## RESEARCH EXPERIENCE

Assistant Researcher, The Fifth Master Plan of Energy Usage Rationalization,  
Korean Energy Economics Institute **October 2013 - February 2014**

Research Assistant, Missouri Applied Data Analytics Training Program,  
University of Missouri **June 2019 - September 2019**

## RESEARCH FIELDS

Labor Economics, Applied Econometrics, Economics of Education, and Population Economics

## WORKING PAPERS

"The Intergenerational Transmission of Earnings and Human Capital in Korea and the Role of Vocational Education" 2020 (Submitted)

"Nonparametric Bounds Analysis of Intergenerational Transmission of Human Capital in Korea" 2020  
[Job Market Paper]

## WORK IN PROGRESS

"Effects of Parents' Health on the Intergenerational Transmission of Earnings and Education in Korea"

"Do Wage Inequalities in Developed Countries Move Together?" with I. Baek and S. Noh

"Effects of Horizontal Mismatch on Job Turnover and Mobility in Korea" with S. Lee

## CONFERENCE AND SEMINAR PRESENTATIONS

### 2020.

Western Economic Association International, 95th Annual (Virtual) Meeting

University of Missouri, Research Workshop (Virtual), Department of Economics

Missouri Valley Economic Association, 57th Annual (Virtual) Meeting

University of Missouri, Research Creative Activities Forum, 37th Annual Meeting (Virtual)

Southern Economic Association, 90th Annual Meeting (Virtual, Scheduled)

### 2019.

Midwest Economic Association, 83rd Annual Meeting

Missouri Valley Economic Association, 56th Annual Meeting

Southern Economic Association, 89th Annual Meeting

## FELLOWSHIPS, HONORS, AND AWARDS

Graduate Assistantship, Department of Economics, University of Missouri **Fall 2016 - Present**

The Korea Studies Graduate Student Scholarship, Department of Economics,  
University of Missouri **Fall 2019**

Summer Research Scholarships, University of Missouri **Summer 2018, Summer 2019**

Distinguished and Early Graduation, Department of Economics, Dongguk University **Fall 2013**

Graduate Assistantship, Department of Economics, Dongguk University **Spring 2012 - Fall 2013**

Award for Distinguished Paper in Financial Economics Essay Contest,  
Citi Bank Korea and Korea Institute of Finance **Fall 2011**

Undergraduate Assistantship, Department of Economics, Dongguk University **Spring 2011 - Fall 2011**

Merit-Based Scholarship, Dongguk University **Spring 2010 - Fall 2010**

## TEACHING EXPERIENCE

### *Teaching Assistant for*

Game Theory, University of Missouri **Spring 2019 - Summer 2019, Summer 2020 - Present**

Intermediate Microeconomics, University of Missouri **Fall 2019 - Spring 2020**

Intermediate Macroeconomics, University of Missouri **Fall 2018**

Principles of Macroeconomics, University of Missouri **Fall 2016 - Spring 2018**

Econometrics, Dongguk University

Spring 2012 - Spring 2013

Theory of Industrial Organization, Dongguk University

Spring 2011 - Fall 2011

*Lab Session Instructor for*

Principles of Statistical Economics, Dongguk University

Spring 2012 and Spring 2013

## COMPUTER SKILLS

Proficient programming skills in Stata, Matlab, Python, R, and L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>.

## PERSONAL INFORMATION

Citizenship : Republic of Korea

U.S. Visa Status : F-1

Language : Korean (native), English (fluent)

Certification : Certified Derivatives Investment Advisor. Certified Securities Investment Advisor

## REFERENCES

Peter Mueser (Chair)  
Chancellor's Professor  
Department of Economics  
University of Missouri, Columbia, MO, 65211  
573-882-6427  
mueserp@missouri.edu

Shawn Ni  
Middlebush Professor of Economics  
Department of Economics  
University of Missouri, Columbia, MO, 65211  
573-882-3161  
nix@missouri.edu

David Kaplan  
Associate Professor  
Department of Economics  
University of Missouri, Columbia, MO, 65211  
kaplandm@missouri.edu

Hyungtaik Ahn  
Professor  
Department of Economics  
Dongguk University, Seoul, Korea, 04620  
82-2-2260-3275  
htahn@dongguk.edu

## Ph.D. Dissertation Chapters and Abstracts

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### Chapter 1: The Intergenerational Transmission of Earnings and Human Capital in Korea and the Role of Vocational Education

**Abstract:** This paper estimates the intergenerational relationship of earnings and education in Korea with particular attention to the trajectories of vocational and academic high school graduates. I estimate that the intergenerational earnings elasticity in Korea is 0.4, which is consistent with previous studies. When educational attainment of fathers and children are controlled, parental earnings are positively associated with children's earnings, although the association decreases to 0.08 (0.10) for sons (daughters). Sons whose fathers completed only a vocational high school degree have a greater chance of attending college than sons whose fathers completed only an academic high school degree. A college degree of a father helps children to have higher earnings and to increase their chance of attending and graduating from college. Father's education has stronger impacts on children's earnings when children's educational attainment is higher. A vocational high school degree reduces a child's probability of attending and completing college compared to academic high school graduates. However, notwithstanding this educational disadvantage, vocational graduates do not appear to suffer substantially in terms of expected earnings, relative to academic high school graduates.

### Chapter 2: Nonparametric Bounds Analysis of Intergenerational Transmission of Human Capital in Korea [Job Market Paper]

**Abstract:** This study estimates the average causal effects of parents' educational attainment on the educational attainment of children in Korea using a new method, the nonparametric bounds approach. This approach does not require the assumption of conditional independence. It also uses relatively weaker assumptions, monotone treatment response and monotone treatment selection, than other methods and is more amenable to testing. With the additional assumption of monotone instrumental variables, it provides useful bounds on the average treatment effects of an increase in parents' education on children's educational success. It also shows the effects are overestimated in simple regression models.

### Chapter 3: The Effects of Parents' Health on Intergenerational Transmission of Earnings and Human Capital in Korea [In Progress]

**Short Description:** This study will examine the effects of parental health on children's educational attainment. Parental illness changes parenting quality both by affecting family wealth and in other ways that influence children's labor market outcomes. Longitudinal data from the Korean Labor Income Panel Survey enables me to examine parental illness effects in the early childhood and adolescent period on ultimate educational achievement.