

GAYOUNG KO

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University of Tennessee
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WORK EXPERIENCE

Assistant Professor

University of Tennessee, Knoxville, Tennessee
Department of Economics, Haslam College of Business

Aug 2022–Present

Economic Researcher

LG Economic Research Institute, Seoul, Republic of Korea

Jan 2012–Aug 2015

EDUCATION

Ph.D. in Economics

University of Virginia, Charlottesville, VA

Advisors: Prof. Simon Anderson and Prof. Gaurab Aryal

Thesis: Gender Discrimination in the Gig Economy: Evidence from Online Auctions for Freelancing

2022

M.A. in Economics

University of Virginia, Charlottesville, VA

2018

M.A. in Economics

Korea University, Seoul, Republic of Korea

Advisor: Prof. Kwanho Shin

2012

B.A. in Economics

Korea University, Seoul, Republic of Korea

2010

RESEARCH INTERESTS

Industrial Organization, Applied Microeconomics, Labor Economics, Digital Platforms, Machine Learning

JOURNAL PUBLICATIONS

G. Y. Ko, D. Shin, S. Auh, Y. Lee, and S. P. Han, “Learning Outside the Classroom during a Pandemic: Evidence from an Artificial Intelligence-Based Education App,” *Management Science*, 2022 (forthcoming).

WORK IN PROGRESS

“Gender Discrimination in the Gig Economy: Evidence from Online Auctions for Freelancing,” **G. Y. Ko**

“AI Effectiveness, Task Difficulty, and Employee Income in the Gig Economy: When AI is the Default Service Provider Rather than Humans,” D. Shin, **G. Y. Ko**, S. Auh, R. Lee, and S. P. Han — under review at *Management Science*

“The Gender Gap and its Business Impact: Evidence from an Online Tutoring Platform,” **G. Y. Ko**, D. Shin, J. Kim, S. Auh, Y. Lee, and S. P. Han — manuscript in preparation for submission

SEMINAR AND INVITED TALKS

May–Nov 2022: “Gender Discrimination in the Gig Economy: Evidence from Online Auctions for Freelancing”

- (Nov 2022) *Southern Economic Association (SEA) 92nd Annual Meeting*, Fort Lauderdale, Florida.
- (Aug 2022) *The 6th Empirical Microeconomics Workshop*, Banff, Alberta, Canada.
- (Jun 2022) *Economics Research Seminar*, Korea University, Seoul, Korea.
- (May 2022) *International Industrial Organization Conference*, Boston, Massachusetts.
- (May 2022) *DC Industrial Organization Day*, Virtual.

Jan 2022: “Gender Discrimination in the Gig Economy: Evidence from Online Auctions for Freelancing”

Analysis Group, Arizona State University, City University of Hong Kong, Congressional Budget Office, Cornell University (SC Johnson College of Business), Hong Kong University of Science and Technology, Korea Development Institute, KDI School of Public Policy and Management, Korea Information Society Development Institute, Microsoft Research (Office of the Chief Economist), National Taiwan University, University of Illinois at Urbana-Champaign, University of San Francisco, University of Tennessee at Knoxville

Jun 2021: “The Gender Gap and its Business Impact: Evidence from an Online Tutoring Platform”

- *Consortium for Data-driven and Experiment-based Evidence for Policy (DEEP)*, Seoul, Korea.
- *IS Research Seminar*, Korea University, Seoul, Korea.

May 2019: “Gender in Gig Economy: Evidence from Online Auctions for Freelance Jobs,” *The 6th Economics Research Colloquium*, University of Virginia, Charlottesville, Virginia.

HONORS AND AWARDS

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| Tipton R. Snavelly Award for Meritorious Thesis , University of Virginia | 2022 |
| Bankard Pre-doctoral Fellowship , University of Virginia | 2020 |
| Tipton R. Snavelly Award for Best Dissertation Proposal , University of Virginia | 2019 |
| Tipton R. Snavelly Award for Outstanding Summer Research , University of Virginia | 2018 |
| Presidential Award Scholarship , University of Virginia | 2018 |
| Graduate Student Fellowship , University of Virginia | 2016 |
| Brain Korea Scholarship , National Research Foundation of Korea | 2010–2011 |
| Admission with Highest Honors , Korea University | 2010 |
| Honors Scholarship , Korea University | 2005–2009 |

TEACHING

University of Tennessee, Knoxville

Fall 2022: Instructor for the undergraduate course ECON435, “*Industrial Organization*”.

SERVICE ACTIVITIES

University of Tennessee, Knoxville

- Graduate Studies Committee, Member, 2022–2023

University of Virginia

- Graduate IO Research Meetings, Organizer, 2020–2021

SKILLS

Programming: Python, R, SQL, Stata, Matlab, SPSS