

Department of Economics
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EDUCATION

Ph.D., Economics, University of Oklahoma, Oklahoma, OK	2021.08-2027.05 (expected)
M.A., Economics, Soongsil University, Seoul, South Korea	2016.09-2019.02
B.A., Economics, Soongsil University, Seoul, South Korea	2010.03-2016.08

RESEARCH FIELDS

Industrial Organization, Energy and Environment Economics, Applied Microeconomics

PUBLICATIONS

- “What Occurs When a Shot is Fired? Gender Differences in Housing Markets” (with Yongseok Kim, Suman Basuroy, and Myongjin Kim), *Forthcoming at Marketing Letters*, 2024 (*1st Author*)
- “Household differentiation and residential electricity demand in Korea” (with Daewook Kim and Mankeun Kim), *Energy Economics*, Volume 95, March 2021, (*1st Author*)

WORKING PAPERS

- “Impacts of ZEV on Product Market, Environment, and Health Outcomes” (with Minhae Kim and Myongjin Kim), 2024
- “Energy Security and Competition in the South Korean” (with Eric Lewis and Myongjin Kim), 2024
- “Coordination and Competition: The Role of MMC and Thrifty Entrants in Gasoline Market”, 2024
- “Tax Reform and Bonuses: Implications for Employee Productivity” (with Myongjin Kim, Georgia Kosmopoulou, and Jangsu Yoon), 2024, *Under Review at Strategic Management Journal*
- “Coordinated Pricing After a Failed Merger: Evidence from the JetBlue-Spirit Case” (with Minhae Kim and Myongjin Kim), 2024, *R&R at Review of Industrial Organization*
- “Price Competition and Market Dynamics Under Asymmetric Costs: Evidence from Discount Gas Stations on Local Markets” (with Yenjae Chang), 2024, *submitted to International Journal of Industrial Organization*
- “A Study on the Competition of LNG Power Generation in the Korean Electricity Market following the Introduction Method” (with Hongseok So, Daewook Kim, and Mankeun Kim), 2024

- “**Marijuana Legalization and Airline Competition**” (with Minhae Kim, Ahmed El Fatmaoui, and Myongjin Kim), 2024
- “**A Study on Volatility Between Long-Term LNG Contract Prices and Spot Prices**” (with Daewook Kim, Kanghan Lee, and Mankeun Kim), 2025

WORK IN PROGRESS

- “**A Network, Scoring Auction and Collusion**” (with Georgia Kosmopoulou and Myongjin Kim), 2024
- “**A Study of Renewable Energy Policy on Electricity Market in South Korea, Jeju**” (with Hongseok So), 2025

SEMINARS / CONFERENCES

- 2025 Southern Economic Association Conference, Tampa, FL, (scheduled)
- 2025 Western Economic Association International, San Francisco, CA
- 2025 OU Ph.D. Economics Conference, Norman, OK
- 2024 Southern Economic Association Conference, Washington, D.C.
- 2023 Southern Economic Association Conference, New Orleans, LA
- 2023 OU Ph.D. Economics Conference, Norman, OK
- 2018 Korean Resource Economics Association, Seoul, South Korea

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AWARDS

- 2024 Chong Liew Summer Research Award, University of Oklahoma
- 2023 Chong Liew Summer Research Award, University of Oklahoma
- 2018 Graduate Student Paper Competition Award, Korean Resource Economics Association

Grant/Scholarship

- Research Assistant, Dr. Myongjin Kim, 2025 Summer
: *Battery Industry Structural Demand Estimation and Data Work*
- Conference/Travel Grant, University of Oklahoma, 2024 Fall
- Conference/Travel Grant, University of Oklahoma, 2023 Fall
- Research Assistant, Dr. Georgia Kosmopoulou, 2023 Summer
: *DARPA Project - Data Work*

OTHER RESEARCH EXPERIENCE

Researcher & Research Assistant

- The Proposal for Electricity Market Diversification Strategy with **Korea Water Resources Corporation** 수자원공사 (2024-2025)
- The Proposal for Electricity Market Institutional Change Strategy with **Korea South-East Power Co., Ltd** 남동발전 (2021-2022)
- National Antitrust Litigation with **Fair Trade Commission** 공정거래위원회 (2018-2021)
 - Data Analysis: Data collection and estimating antitrust damages for 7 collusion bidding cases
- The Development of the Energy Industry Strategy with **SK E&S CO., Ltd** SK E&S (2019-2020)
- The Development of the REC Trading Market Monitoring with **Korea Power Exchange** 전력거래소 (2019-2020)
- The Proposal for Electricity Price and Energy Policy with **Korea Iron & Steel Association** 철강협회 (2018-2019)
- The Proposal for Competitiveness of Busan Creative Economy Innovation Center with **Busan Creative Economy Innovation Center** 부산창조경제혁신센터 (2017)

Assistant for Textbook Translation Editing (English to Korean)

- Participated in the Translation of a Textbook on Industrial Organization Theory Economics (2023-2024)
 - “Industrial Organization: Contemporary Theory and Empirical Applications 5th”, 2024 August, ISBN 979-11-91679-31-1 93320, Translated by Daewook Kim, Written by Lynne Pepall, Dan Richards, and George Norman

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TEACHING EXPERIENCE

University of Oklahoma

- Instructor
 - Business Statistics (Summer 2023), undergraduate
- Guest Lecturer
 - Mathematical Economics 1 (Fall 2024), graduate
- Teaching Assistant
 - Graduate: Mathematical Economics 1
 - Undergraduate: Business Statistics, Intermediate Microeconomic Theory, Governmental Relations to Business, Behavioral and Experimental Economics

Soongsil University

- Teaching Assistant
 - Undergraduate: Special Lecture on Economics, Industrial Organization Theory

Sae-il Academy (public educational institute)

- Teaching Economics and Mathematics to North Korean Defector University Students (2016-2019)

PERSONAL INFORMATION

- Programming Skills: STATA, R, Python, MATLAB, LaTeX
- Citizenship/Visa: South Korea/F-1
- Languages: English (fluent), Korean (native), Chinese (beginner)
- Military Service: Republic of Korea Army Brass Band (2011-2012)

REFERENCES

Georgia Kosmopoulou (co-chair)

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University of Oklahoma
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Myongjin Kim (co-chair)

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Department of Economics
Oklahoma State University
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