

JUNYEOL RYU

Department of Economics
University of Oklahoma
308 Cate Center Drive, Office 230
Norman, OK 73019

Cell: +1 (405) 482-8067
Email: junyeol.ryu-1@ou.edu
ryujy1981@gmail.com
Website: <https://junyeolryu.github.io>

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 Environmental Economics, Applied Microeconomics

PUBLICATIONS

1. “Price Competition and Market Dynamics Under Asymmetric Costs: Evidence from Discount Gas Stations on Local Markets” (with Yenjae Chang), *Forthcoming at Energy Economics*
2. “What Occurs When a Shot is Fired? Gender Differences in Housing Markets” (with Yongseok Kim, Suman Basuroy, and Myongjin Kim), *Marketing Letters*, Volume 36, pages 369-38, (2025), 1st Author
3. “Household Differentiation and Residential Electricity Demand in Korea” (with Daewook Kim and Mankeun Kim), *Energy Economics*, Volume 95, March 2021, 105090, 1st Author

WORKING PAPERS

1. “Energy Security and Competition in South Korea” (with Eric Lewis, Myongjin Kim, and Hongsoek So), 2024
2. “Impacts of ZEV on Product Market, Environment, and Health Outcomes” (with Minhae Kim and Myongjin Kim), 2024
3. “Quasi-Vertical Integration, Low-Cost Entrants, and Multi-Market Contact: Coordination and Competition in Regional Gasoline Station Market”, 2024
4. “Tax Reform and Bonuses: Implications for Employee Productivity” (with Myongjin Kim, Georgia Kosmopoulou, and Jangsu Yoon), 2023
5. “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*
6. “A Study on the Competition of LNG Power Generation in the Korean Electricity Market following the Import Method” (with Hongsoek So, Daewook Kim, and Mankeun Kim), 2024
7. “Marijuana Legalization and Airline Competition” (with Minhae Kim and Myongjin Kim), 2024

WORK IN PROGRESS

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

SEMINARS / CONFERENCES

- 2026 OU Ph.D. Economics Brown Bag Seminar × 1, Norman, OK (*scheduled*)
- 2025 Southern Economic Association Conference, Tampa, FL
- 2025 Western Economic Association International, San Francisco, CA
- 2025 OU Ph.D. Economics Conference, Norman, OK
- 2025 OU Ph.D. Economics Brown Bag Seminar × 1, Norman, OK
- 2024 Southern Economic Association Conference, Washington, D.C.
- 2024 OU Ph.D. Economics Brown Bag Seminar × 2, Norman, OK
- 2023 Southern Economic Association Conference, New Orleans, LA
- 2023 OU Ph.D. Economics Conference, Norman, OK
- 2023 OU Ph.D. Economics Brown Bag Seminar × 2, Norman, OK
- 2018 Korean Resource Economics Association, Seoul, South Korea

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AWARDS / FELLOWSHIPS

- 2025 Chong Liew Summer Research Award, University of Oklahoma
- 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 / SCHOLARSHIPS

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

PROFESSIONAL SERVICE SCHOLARSHIPS

- Referee at *International Review of Economics and Finance*

OTHER RESEARCH EXPERIENCE

Researcher & Research Assistant

- The Proposal for Electricity Market Diversification Strategy with Korea Water Resources Corporation
수자원공사 (2024-2025), under Dr. Daewook Kim
- The Proposal for Electricity Market Institutional Change Strategy with Korea South-East Power Co., Ltd
남동발전 (2021-2022), under Dr. Daewook Kim
- National Antitrust Litigation with Fair Trade Commission 공정거래위원회 (2018-2021), under Dr. Daewook Kim
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), under Dr. Sungbong Cho
- The Development of the REC Trading Market Monitoring with Korea Power Exchange 전력거래소 (2019-2020), under Dr. Daewook Kim
- The Proposal for Electricity Price and Energy Policy with Korea Iron & Steel Association 철강협회 (2018-2019), under Dr. Daewook Kim
- The Proposal for Competitiveness of Busan Creative Economy Innovation Center with Busan Creative Economy Innovation Center 부산창조경제혁신센터 (2017), under Dr. Jongho Kim

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Assistant for Textbook Translation Editing (English to Korean)

- 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

TEACHING EXPERIENCE

University of Oklahoma

- Instructor: Business Statistics (Summer 2023), undergraduate
- Guest Lecturer: Mathematical Economics 1 (Fall 2024, Fall 2025), graduate
- Teaching Assistant
 - Graduate: Mathematical Economics 1, Seminar in Industrial Organization
 - Undergraduate: Business Statistics, Intermediate Microeconomic Theory, Governmental Relations to Business, Behavioral and Experimental Economics

Soongsil University

- Teaching Assistant: 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)

TECHNICAL SKILLS / 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)
Professor
Department of Economics
University of Oklahoma
georgiak@ou.edu

Greg Burge
Professor
Department of Economics
University of Oklahoma
Email: gburge@ou.edu

Minhae Kim
Assistant Professor
Department of Economics
Oklahoma State University
minhae.kim@okstate.edu

Daewook Kim (Master advisor)
Professor
Department of Economics
Soongsil University
daekim@ssu.ac.kr

Myongjin Kim (co-chair)
Associate Professor
Department of Economics
University of Oklahoma
mjkim@ou.edu

Eric Lewis
Assistant Professor
Department of Economics
Brigham Young University
eric.lewis@byu.edu

Chitru Fernando
Professor
Price College of Business
University of Oklahoma
cfernando@ou.edu