Jaehak Lee

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RESEARCH INTERESTS

Health Economics, Industrial Organization, Applied microeconomics

EDUCATION

2027 (expected) Ph.D. in Economics, University at Albany, State University of New York.
Primary dissertation advisor: Professor Chun-Yu Ho

2020 M.A. in Economics, Sungkyunkwan University.

2018 B.A. in Global Economics, Sungkyunkwan University.

DOCTORAL COURSEWORK

Core theory: Microeconomics I–II, Macroeconomics I–II, Mathematical Economics

Econometrics: Econometrics I–III, Applied Econometrics

Fields and advanced topics: Health Economics, Industrial Organization, Public Finance, Contracts and Organizations, Environmental and Energy Economics

WORKING PAPERS

Chatterji, P., Ho, C.-Y., & Lee, J.. Common ownership and risk selection in Medicare Part D.

Chatterji, P., Ho, C.-Y., Ki, H. & Lee, J.. Unequal access, unequal outcomes: How trauma center availability affects rural and urban fatalities (*work in progress*).

Lee, H., Lee, J., Prince, J., & Simon, D.. Competitive effects of joint ventures in the U.S. international airline market (*under review*).

Lee, J.. Travel Mode Demand with Observed Choice Set Restrictions (*work in progress*).

PUBLICATIONS

Lee, H., Lee, J., Prince, J., & Simon, D. (2026). Do shared marketing and operations within joint ventures have differential impacts on airline pricing?. In N. G. Rupp (Ed.), *Advances in Airline Economics* (13th Edition). Emerald Publishing.

Chatterji, P., Ho, C.-Y., Kamara, A., & Lee, J. (2024). Trends in common ownership among insurers in Medicare Part D. *Medical Care, 62*(9), 605–611.

TEACHING EXPERIENCE

Su 2023–Sp 2026 Adjunct Lecturer, Economics, University at Albany, SUNY
- *Economic Statistics, 8 sections*
- *Tools of Economics, 1 section*
- *Principles of Economics I, 3 sections asynchronous online*
- *Principles of Economics II, 1 section asynchronous online*

Fa 2020–Sp 2023 Teaching Assistant, Economics, University at Albany, SUNY
- *Financial Economics, 12 sections*

CONFERENCE PRESENTATIONS

2026 International Industrial Organization Conference (IIOC, Boston), ASSA Annual Meeting (Philadelphia)

2025 World Congress of the Econometric Society (ESWC 2025, Seoul)

2024 International Industrial Organization Conference (IIOC, Boston), Eastern Economic Association (EEA, Boston)

2023 Southern Economic Association (SEA, New Orleans), Computational and Financial Econometrics (CFE-CMStatistics)

PROFESSIONAL SERVICE

Referee service for *Applied Economics*, *Applied Economics Letters*

GRANTS, AWARDS, and SCHOLARSHIPS

Helen Horowitz Award for Excellence in Teaching, University at Albany, SUNY, 2024

Individual Development Award, NY State/United University Professions Professional Development Committee, University at Albany, 2024

National Humanities and Social Sciences Graduate Research Scholarship, 2019

2nd Award, Research Paper Contest, Korea FMCS, 2017

4th Award, Korea FTC Contest, Korea FTC, 2015, 2016

Samsung Scholarship, 2011 - 2016

PERSONAL

Citizenship

South Korea (F1 Visa)

SOFTWARE SKILLS

MatLab, Python, STATA, C, QGIS, R

REFERENCES

Professor Chun-Yu Ho
Department of Economics
University at Albany, SUNY
(518) 442-4768
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Professor Pinka Chatterji
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University at Albany, SUNY
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Professor Byoung Park
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Jaehak Lee

Research Interests and Motivation

NBER–NIA Mentoring Program in Aging and Health Economics

I study how the ownership and organization of health care markets affect competition, cost, and access. This work has increasingly drawn me toward markets that serve older adults, especially long-term and post-acute care. These settings follow naturally from my research interests because much of the care is financed by Medicare and Medicaid, and provider ownership can shape the quality residents receive when they have limited ability to move. I am now making aging-related health care a central part of my research agenda, with a particular interest in how changes in nursing-home ownership affect staffing, care quality, and access for older patients.

The project I most want to develop examines how private equity acquisitions of nursing homes affect staffing and care quality. Private equity has moved quickly into this sector, and its entry has raised concern about frail residents who have few alternatives. I want to understand both the effects of these acquisitions and the decisions behind them. My plan is to combine a causal design around the timing of acquisitions with a structural model of how owners trade off acquiring facilities against investing in staffing and quality. A growing literature studies private equity ownership in nursing homes, but papers that model the trade-off between add-on acquisitions and quality investment appear much less developed. I believe the project has room to contribute, but the harder question is how to frame it so it stands clearly apart from the work that exists. At this stage, guidance from researchers with expertise in aging and health economics would be particularly helpful in sharpening the project's contribution and clarifying its place within the broader literature.

I would also benefit from the program's discussion of empirical methods. The nursing-home project raises identification challenges that are closely related to my work on trauma center closures. In that project, treatment is defined by a decrease in the number of trauma centers in a county, but the treatment is not absorbing and does not have a single intensity. Counties may later gain trauma centers, and losing one center is different from losing several. The nursing-home project may have the same structure. Private equity exposure can intensify through add-on acquisitions, weaken through ownership changes, and vary with the number of facilities affected in a local market. These features make treatment definition, comparison groups, and exposure measurement central to the design. Guidance on how researchers in aging and health economics approach these issues would help me structure the nursing-home project before the empirical design is fixed.

I am applying because the program speaks directly to the stage of my nursing-home project. I am trying to move from a broad interest in private equity and long-term care to a paper with a credible design and feasible data plan. The choices I make now will determine the ownership measures, treatment definition, and modeling strategy that structure the paper. I would value feedback on which data sources are realistic, how researchers in this area evaluate data feasibility, and how much structure the question requires. Getting these choices right now would shape the project before the main decisions are fixed and help define the direction of my dissertation and early-career research.