Hyeonwoo Do

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EDUCATION

May 2027 *Expected* — **Ph.D.**, Economics, University at Albany, State University of New York

Dissertation: *Essays on Nursing Home Closures and Disparities in Long-Term Care*
Committee: Pinka Chatterji (Co-chair), Chun-Yu Ho (Co-chair), and Byoung Park
Completed Ph.D. coursework: Microeconomics I–II; Macroeconomics I–II; Econometrics I–III; Applied Econometrics; Mathematical Economics; Health Economics; Public Finance; Industrial Organization; Time Series Analysis; Contracts and Organizations; Environmental and Energy Economics; Workshops in Microeconomics and Econometrics.

2016 — **M.A.**, Economics, Korea University

2014 — **B.A.**, Economics / **B.S.**, Informational Statistics, Korea University

WORKING PAPERS

"Spillover Effects of Nursing Home Closures on Resident Health in Neighboring Facilities"
(*Job Market Paper)*

Abstract: I study how nursing home closures affect the health of residents who remain in surviving facilities. Using resident-level Minimum Data Set 3.0 assessments linked to facility and county characteristics from 2011–2017, I employ a staggered difference-in-differences design with propensity-score matching to estimate the causal impact of nearby closures. The results show substantial heterogeneity across market structures. In concentrated markets, closures increase occupancy, reduce registered-nurse staffing, and raise the prevalence of chronic and neurodegenerative conditions such as heart failure, Alzheimer's disease, and chronic respiratory illness. In contrast, in competitive markets, closures are mostly absorbed without noticeable decline and often lead to slight improvements in health outcomes. These findings demonstrate that the effects of provider exit depend critically on local capacity and competition. The underlying mechanism is consistent with these patterns: closures raise occupancy and reduce staffing per resident, particularly in concentrated markets. Overall, the evidence indicates that competition enhances allocative efficiency when capacity is elastic, whereas closures in concentrated markets tighten resource constraints and diminish the quality of care.

"Economic Consequences of Nursing Home Closures" (with Pinka Chatterji and Chun-Yu Ho)

"Racial/Ethnic and Geographic Disparities in Access to Nursing Homes" (with Pinka Chatterji and Chun-Yu Ho)

WORK IN PROGRESS

"Green Technology and Labor Demand: Evidence from Matched U.S. Employer-Employee and Patent Data" (with Erling Barth and Gerald R. Marschke)

"Shocks to the Mind: Mental Health and Behavioral Responses to Natural Disasters" (with Hyoshin Ki)

"Do Employer Insurance Mandates Reduce Employment?" Evidence from Massachusetts Reform" (with Mee Jung Kim, Kyung Min Lee, and Chanup Jeung)

CONFERENCE PRESENTATIONS

Do, H. (June 2026). Spillover Effects of Nursing Home Closures on Resident Health in Neighboring Facilities [Paper presented]. *American Society of Health Economists (ASHEcon) Annual Conference*, Minneapolis.

Do, H. and Ki, H. (June 2026). Shocks to the Mind: Mental Health and Behavioral Responses to Natural Disasters [Poster presented]. *American Society of Health Economists (ASHEcon) Annual Conference*, Minneapolis.

Do, H. (May 2026). Spillover Effects of Nursing Home Closures on Resident Health in Neighboring Facilities [Paper presented]. *1st Annual Capital District Applied Microeconomics Workshop*, Albany.

Do, H. (Nov 2025). Spillover Effects of Nursing Home Closures on Resident Health in Neighboring Facilities [Poster presented]. *Association for Public Policy Analysis and Management (APPAM) Research Conference*, Seattle.

Do, H. and Ki, H. (Nov 2025). Shocks to the Mind: Mental Health and Behavioral Responses to Natural Disasters [Paper presented]. *Association for Public Policy Analysis and Management (APPAM) Research Conference*, Seattle.

Barth, E., **Do, H.** & Gerald, M. (Sep 2025). Green Technology and Labor Demand: Evidence from Matched U.S. Employer-Employee and Patent Data [Paper presented]. *Federal Statistical Research Data Center (FSRDC) Annual Research Conference*, Ithaca.

Do, H. (June 2025). Spillover Effects of Nursing Home Closures on Resident Health in Neighboring Facilities [Paper accepted]. *American Society of Health Economists (ASHEcon) Annual Conference*, Nashville.

Do, H. (Jan 2025). Spillover Effects of Nursing Home Closures on Resident Health in Neighboring Facilities [Poster presented]. *Allied Social Science Associations (ASSA) Annual Meeting*, San Francisco.

Do, H. (Nov 2024). Spillover Effects of Nursing Home Closures on Resident Health in Neighboring Facilities [Paper presented]. *Association for Public Policy Analysis and Management (APPAM) Research Conference*, National Harbor.

Chatterji, P., **Do, H.** & Ho, C. (Nov 2024). Economic Consequences of Nursing Home Closures [Paper presented]. *Association for Public Policy Analysis and Management Research (APPAM) Conference*, National Harbor.

Chatterji, P., **Do, H.** & Ho, C. (June 2024). Economic Consequences of Nursing Home Closures. [Paper presented] at the *American Society of Health Economists (ASHEcon) Annual Conference*, San Diego.

Do, H. (June 2024). Spillover Effects of Nursing Home Closures on Resident Health in Neighboring Facilities [Paper presented]. *American Society of Health Economists (ASHEcon) Annual Conference*, San Diego.

Chatterji, P., **Do, H.** & Ho, C. (Mar 2024). Economic Consequences of Nursing Home Closures [Paper presented]. *Eastern Economic Association (EEA) Annual Conference*, Boston.

Chatterji, P., **Do, H.** & Ho, C. (Apr 2023). Economic Consequences of Nursing Home Closures [Paper presented]. *Southern Economic Association (SEA) Annual Meeting*, New Orleans.

RESEARCH EXPERIENCE

2024–2025 Research Assistant, National Bureau of Economic Research (NBER)
Participated in the research project "Economic Impact of Investments in R&D and Science and Engineering Workers" and "Greening the economy-Facilitating Innovation, Economics and Labour Demand"
Directed by Dr. Marschke, Gerald R.

2024–2025 Research Assistant, School of Public Health, University at Albany
Participated in the research project "The Impact of California's Paid Family Leave on Mothers' Postpartum Employment Continuity and Income"
Directed by Dr. Jeung, Chanup

2018–2021 Research Engineer, Institute of Economic and Management, Korea Gas Corporation

2016–2017 Research Assistant, Korea Energy Economics Institute

TEACHING EXPERIENCE

Win 2025–Sum 2026 Instructor, Economics, University at Albany
Intermediate Microeconomics, 2 sections, in-person and asynchronous online
Principles of Economics I: Microeconomics, 1 section, asynchronous online

Fall 2023 Teaching Assistant (discussion section leader), Economics, University at Albany
Duties included leading weekly recitation classes
Microeconomics (MA level), 1 section

Fall 2022–Spr 2024 Teaching Assistant (grader), Economics, University at Albany
Duties included preparing materials, grading exams, and holding office hours
Microeconomics I (PhD level), 2 sections
Macroeconomics I (PhD level), 2 sections
Economics of Health Care, 1 section
Principles of Economics I: Microeconomics, 2 sections

Fall 2021–Spr 2022 Tutor, Economics, University at Albany
Duties included providing academic support through weekly Q&A sessions
Principles of Economics I: Microeconomics, 2 sections
Principles of Economics II: Macroeconomics, 2 sections

GRANTS AND AWARDS

2025 Benevolent Association Research Grant, University at Albany ($1,000)
2024–2025 Professional Development Grant, Graduate Student Association, University at Albany ($1,128)

PROFESSIONAL ACTIVITIES

2026 Invited Participant, Health and Healthcare Variations Across the Population Meeting, National Bureau of Economic Research (NBER)
2025–2026 Referee Service, Applied Economics
2024–2025 Conference Abstract Review Committee, American Society of Health Economists (ASHEcon)

UNIVERSITY AND DEPARTMENT SERVICE

2024–2025 Grant Review Committee, Graduate Student Association, University at Albany
2024 Brown Bag Seminar Organizer, Economics, University at Albany

PROFESSIONAL MEMBERSHIPS

American Economic Association (AEA)
American Society of Health Economists (ASHEcon)
Association for Public Policy Analysis and Management (APPAM)

CERTIFICATIONS AND CLEARANCES

2024–2029 Special Sworn Status, U.S. Census Bureau

SKILLS

Software: STATA, R, Python, SAS, LaTeX, ArcGIS Pro
Languages: English, Korean

REFERENCES

Dr. Chatterji, Pinka
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Department of Economics
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(518) 442-4746
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Dr. Ho, Chun-Yu
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Statement of Interest

I am applying to the NBER Mentoring Program in Aging and Health Economics to strengthen my research agenda on **aging and health economics, with a focus on long-term care markets and health care access for older adults.** I am a Ph.D. candidate in Economics at the University at Albany, SUNY. My research focuses on health economics and applied microeconomics, especially nursing home capacity, provider exit, resident health, and disparities in access to long-term care.

My job market paper studies **how nursing home closures affect residents in nearby facilities.** Using resident-level data from the **Minimum Data Set**, I examine whether closures strain surviving facilities by increasing occupancy, changing staffing, and affecting resident health outcomes. I use **staggered difference-in-differences and event study designs** to compare nearby facilities exposed to closures with similar facilities in unaffected markets. The results show that the effects are concentrated in capacity-constrained and more concentrated markets, where nearby facilities have limited ability to absorb displaced demand. My broader dissertation extends this agenda by examining how declining long-term care capacity affects disparities in access, local health sector employment, and community well-being, particularly in rural and non-White communities.

My recent participation in the invitation-only **NBER Health and Healthcare Variations Across the Population Meeting** further motivated me to seek **structured mentorship** in aging and health economics. Conversations with senior scholars such as Johanna Maclean and Kosali Simon, as well as junior researchers including Alden Cheng and Ana Hinostroza, helped me see how valuable the NBER health economics community can be for developing new ideas. The meeting was especially motivating because it allowed me to learn from researchers at different career stages and made me eager to participate more actively in this community by developing promising research questions on aging, health care delivery, and long-term care policy.

The NBER Mentoring Program would be especially valuable as I move from **dissertation work to an independent research agenda.** I would benefit from **guidance on project development** on how to extend my work from nursing home closures to broader questions about older adults' care trajectories, including substitution across institutional, post-acute, home- and community-based, and informal care. I am especially interested in studying **how declining formal long-term care capacity affects family members and informal caregivers,** but I would value mentorship on which relevant data sets and empirical strategies are best suited to identifying caregiving arrangements, caregiver burden, and spillover effects on family labor supply and well-being.

I would be excited to participate in the workshop and contribute my perspective as a doctoral student studying long-term care markets, provider exit, and access to care for vulnerable older populations. Through training, feedback from senior scholars, and interaction with other mentees, **I hope to refine my dissertation projects and develop new research questions about how changes in formal long-term care capacity affect older adults, family members, and informal caregivers.**