Hyunkyung (Yulia) Yun

hyunkyung_yun@brown.edu
hyunkyungyuliayun.com
Department of Health Services, Policy & Practice,
School of Public Health, Brown University, Providence, RI

EDUCATION

Brown University, School of Public Health — Providence, RI
Ph.D., Health Services Research — Expected May 2026

- Concentration: Health Economics
- Research Interest: Policy Evaluation, Causal Inference, Medicare Advantage, Long-Term Care Policy, Quality of Care, Electronic Medical Records, Discontinuity of Care in Nursing Homes
- Dissertation: *"Estimating the Effects of Medicare Advantage on Nursing Home Care Quality and Resident Health"*
- Committee: **Vincent Mor, PhD, David Meyers, PhD, MPH (Chairs)**, Momotazur Rahman, PhD, Hye-Young (Arian) Jung, PhD

Cornell University, Weill Medical College — New York, NY
M.S., Health Policy & Economics — May 2021

- Thesis: "*Optimal Timing of Prostate MRI for Improved Quality of Life: Cost-Effectiveness Analysis using A Decision Analytic Model*"

Ewha Womans University — Seoul, South Korea
M.S.W., Social Welfare Policy — February 2010

- Thesis: "*Alcohol Use Regulation in South Korea: Challenges and Recommendations for Improvement*"

Hankuk University of Foreign Studies — Seoul, South Korea
B.A., Russian — February 2008

PROFESSIONAL EXPERIENCE

interRAI — Ontario, Canada
Trainee — July 2024

- Trainee of interRAI network international data and method training program (inSPIRe) 2024, McMaster University.

Brown University, School of Public Health — Providence, RI
Research Assistant — September 2022 - Present

- Conducted IMPACT Collaboratory projects which aim to improve the identification of agitated behavior using electronic medical records for nursing home residents.
- Conducted projects which aim to examine the validity of the Medicare Advantage (MA) Encounter data.
- Conducted analysis on the growth of MA among long-term care beneficiaries.

Brown University, School of Public Health — Providence, RI
Instructor — 2023 - 2024

- Instructor for "STATA Boot Camp," an officially approved program by the department, to teach incoming and current PhD students basic and intermediate STATA skills.

Brown University, School of Public Health — Providence, RI
Student Ambassador — September 2023 – Present

- Provide information on PhD program and share experiences in the application process through prospective students panel discussion, interviews, and 1:1 meeting.

Brown University, School of Public Health — Providence, RI
Teaching Assistant — Falls 2023 – 2024

- For 'PHP2411: Introduction to Health Policy Analysis' which trains MPH students with intense weekly coding assignments using Medicare claims data and applied final policy analysis paper (high evaluation score with 4.7/5.0).
- For 'PHP2410E: Medicare – A Data Based Policy Examination' which examines the empirical basis for numerous Medicare financing policies and quality regulations with extensive class discussions and data assignments.

Cornell University, Weill Medical College   New York, NY
Research Assistant   September 2019 – May 2021
- Conducted analyses for quantitative and qualitative study, evaluating the effects of COVID-19 on nursing homes, performance of private-equity owned nursing homes, and roles of nursing home-specializing physicians.

National Health Insurance Service (NHIS)   South Korea
Long-Term Care (LTC) Reimbursement and Utilization Division   May 2021 – Present
Research Analyst, Project Manager
- Joined an initiative to restructure the national LTC insurance system in Korea in cooperation with the Ministry of Health and Welfare.

National Health Insurance Service (NHIS)   South Korea
LTC Claims Review Division   August 2016 – September 2019
Project Manager
- Published the first compendium of reports on "*The Changing History of Long-term Care Policy Norms for Inspection (2008-2018)*" for the division in charge of reimbursement and inspections. As a result of positive feedback and extensive use of the first edition, led the publication of a second edition. Additionally, published the first manual on computer software for NHIS fraud investigators.
- Built an analytic software package for automated detection of fraudulent claims and calculation of the expected recovery amounts. Successfully replaced the existing manual Excel analysis tool with the package which drastically reduced the mean time spent by investigators on fraudulent claims from two days to two hours.
- Produced a video workshop on procedures for LTC investigators.
- Independently completed an internal research project on "*Fraud Investigation Policy in Five Countries: Korea, the United States, the United Kingdom, Germany, and Japan*" which resulted in meetings with U.S. officials in Washington, D.C. and New York City.
- Led a Korean delegation to the United States for meetings with the Department of Health and Human Services and the Department of Justice to discuss LTC fraud investigation systems.
- Represented the LTC division at the NHIS' annual policy forum in 2017 and 2018.

National Health Insurance Service (NHIS)   South Korea
LTC Field Office in Seoul   May 2014 – July 2016
Care Manager
- Examined physical and cognitive status of beneficiaries over 65 years old and assigned a care grade for services covered by the national LTC insurance.
- Monitored the quality of care received by 60 beneficiaries and ensured that proper services were provided based on their physical and cognitive status.
- Conducted inspections of LTC facilities for compliance with federal regulations.

Korean Society for the Rehabilitation of Persons with Disabilities   South Korea
Program Manager   January 2010 - May 2014
- Coordinated research on national policy for persons with disabilities and was responsible for organizing an annual policy conference (Rehabilitation International, RI Korea) consisting of academic researchers and government officials; managed membership and accounts.
- Evaluated the impact of the government's National 5-Year Plan for the Welfare of Disabled People, which was the first policy initiative of its kind for the private sector in South Korea. Organized a press conference at the National Assembly after the evaluation was completed. Results were featured in major news outlets.
- Managed annual reports submitted to the Ministry of Health and Welfare that analyzed whether annual goals of Rehabilitation International had been met and included budget planning for the following year.
- Published weekly web-magazine which included the latest news from *Rehabilitation International*, *the United Nations Economic and Social Commission for Asia and the Pacific*, and *the Disabled Peoples International*.
- Promoted an *Emergency Help 911* program both online and through local community centers, resulting in increased access to emergency services for people with disabilities.
- Initiated a scholarship and mentorship program called *Dream School* for adolescents with disabilities.

Sakha Korean School of the Russian Federation   Rusia

September 2005 – August 2006

- Taught Korean grammar and cultural programs in Russian to students in the 5th through 12th grades.
- Conducted research on rural Russian life with a focus on the effects of poverty, domestic violence, and alcohol use disorder on student learning. This work motivated me to make a career change from Russian language to social policy.

AWARDS

2025	**ASHEcon Diversity Scholarship**. American Society of Health Economists.
2023	**Nora Kahn Piore Award**. Health Services Research Award. Brown School of Public Health.
2021	**Award for Academic Excellence**. Weill Cornell Medicine, Cornell University.
2020	**Best Capstone Presentation**. Weill Cornell Medicine, Cornell University.
2007	**Presidential Scholarship**. Hankuk University of Foreign Studies.
2007	**Distinction Scholarship**. Hankuk University of Foreign Studies.
2005	**Distinction Scholarship**. Hankuk University of Foreign Studies.
2004	**Extramural Scholarship**. Hankuk University of Foreign Studies.
2004	**Distinction Scholarship**. Hankuk University of Foreign Studies.
2003	**Distinction Scholarship**. Hankuk University of Foreign Studies.

RESEARCH

Grants

Title: "Estimating the Effects of Medicare Advantage on the Health of Aging Population in Nursing Homes."
National Institute on Aging. F99/K00.
Role: Principal Investigator
Proposed Budget: $401,190.
Impact Score: 26.

PUBLICATIONS

- **Yun H**, Unruh MA, Qian Y, Zhang Y, Jung HY. *(In Press)* Clinicians Who Primarily Practice in Nursing Homes and Quality of Care for Residents with Alzheimer's Disease and Related Dementias. *JAMA Health Forum.*

- Kim S, **Yun H,** Zhang Y, Jang S, Unruh MA, Jung HY. Physicians Who Provide Primary Care in U.S. Nursing Homes: Characteristics and Care Patterns. *J Am Med Dir Assoc.* Published online January 27, 2025. doi: 10.1016/j.jamda.2024.105475

- **Yun H**, Unruh MA, Ryskina KL, Jung HY. Association between discontinuity in clinicians and outcomes of nursing home residents. *Health Aff Sch*. 2024;2(11):qxae139. Published 2024 Nov 1. doi:10.1093/haschl/qxae139

- **Yun H**, Mor V, Mitchell S, McCreedy E. Detecting Agitated Behaviors in Nursing Home Residents With Dementia Using Electronic Medical Records. *J Am Med Dir Assoc.* Published online September 27, 2024. doi:10.1016/j.jamda.2024.105289

- **Yun H**, Kim J, Gandhe A, et al. Cost-Effectiveness of Annual Prostate MRI and Potential MRI-Guided Biopsy After Prostate-Specific Antigen Test Results. *JAMA Network Open*. 2023;6(11):e2344856. doi:10.1001/jamanetworkopen.2023.44856

  - Featured in Giganti F, Gupta RT. Beyond the AJR: Can Prostate MRI and MRI-Guided Biopsy Be Cost-Effective in the United States in Patients With Elevated PSA? *American Journal of Roentgenology*. 0(ja):null. doi:10.2214/ajr.24.30973

- Ernecoff NC, **Yun HY**, McCreedy E, Hanson LC, Mitchell SL. A Pragmatic Approach to Identifying Goal-Concordant Care for Nursing Home Residents With Alzheimer's Disease or Related Dementias. *J Am Med Dir Assoc*. Published online September 16, 2024. doi:10.1016/j.jamda.2024.105266

- Ghosh A, Unruh MA, **Yun H**, Jung HY. Association of Care Provided by Clinicians who Primarily Practice in Nursing Homes with Burdensome Transitions Among Residents at the End-of-Life. *JAMA Network Open*. 2024;7(3):e242546. doi:10.1001/jamanetworkopen.2024.2546

- Yu J, **Yun H**, Unruh MA, et al. Perspectives of Physicians with Experience in Nursing Home Care on Telehealth Use During the COVID-19 Public Health Emergency. *J Gen Intern Med*. 2023;38(7):1722-1728. doi:10.1007/s11606-023-08087-6

- Unruh MA, **Yun H**, Zhang Y, Braun RT, Jung HY. Nursing Home Characteristics Associated With COVID-19 Deaths in Connecticut, New Jersey, and New York. *JAMDA: The Journal of Post-Acute and Long-Term Care Medicine*. 2020;21(7):1001-1003. doi:10.1016/j.jamda.2020.06.019

- Braun RT, **Yun H**, Casalino LP, et al. Comparative Performance of Private Equity–Owned US Nursing Homes During the COVID-19 Pandemic. *JAMA Network Open*. 2020;3(10):e2026702. doi:10.1001/jamanetworkopen.2020.26702

- Ryskina KL, **Yun H**, Wang H, Chen AT, Jung HY. Characteristics of Nursing Homes by COVID-19 Cases among Staff: March to August 2020 [published online ahead of print, 2021 Feb 11]. *JAMDA: The Journal of Post-Acute and Long-Term Care Medicine*. 2021;S1525-8610(21)00202-4. doi:10.1016/j.jamda.2021.02.004

- Chen AT, **Yun H**, Ryskina KL, Jung H. Nursing Home Characteristics Associated With Resident COVID-19 Morbidity in Communities With High Infection Rates. *JAMA Network Open*. 2021;4(3):e211555. doi:10.1001/jamanetworkopen.2021.1555

- Jung HY, **Yun H**, O'Donnell E, Casalino LP, Unruh MA, Katz PR. Defining the Role and Value of Physicians Who Primarily Practice in Nursing Homes: Perspectives of Nursing Home Physicians. *J Am Med Dir Assoc*. 2022;23(6):962-967.e2. doi:10.1016/j.jamda.2022.03.008

WORKS IN PROGRESS

Under Review

- **Yun H**, Rahman M, McGarry B, White E, Meyers D, Kosar C. Trends in Disenrollment from Special Needs Plans and Other Medicare Advantage Plans Among Long-Stay Nursing Home Residents. *JAMA Network Open.*

- **Yun H**, Meyers D, Rahman M, Meyers D, McGarry B, Mor V, Jung HY, Kosar C. Medicare Advantage Enrollment in Nursing Homes: 2010-2021. *Health Affairs.*

In Preparation

- **Yun H**, Park J, Jung HY, McHugh J, Unruh MA. Skilled Nursing Facility Resident, Organizational, and Market Characteristics Associated with Health System Affiliation.

- **Yun H**, Meyers D, Mor V, Hull P, Kosar C, Jung HY, Rahman M. Estimating the effects of Medicare Advantage Growth in Nursing Homes on Nursing Home Care Quality and Resident Outcomes.

- **Yun H**, Meyers D, Kosar C. Assessment of the Completeness of Medicare Advantage Encounter Data for Measuring Post-Acute Care Utilization.

- **Yun H**, Santostefano CM, Geng F, White EM, Kosar C, McGarry B, Grabowski DC, Rahman M. Trends in Care Quality Indicators among Long-Stay Nursing Home Residents, 2018-2022.

- **Yun H**, Kosar C, Hull P, Jung HY, Unruh MA. Impact of Medicaid Nursing Home Bed-Hold Policy on Hospitalizations and Healthcare Costs Among Medicare Residents.

- Jung HY, **Yun H**, Katz P, Mor V, Casalino L, et al. Do Physicians Who Specialize in Nursing Home Care Provide Higher Quality Care for Residents with Alzheimer's Disease and Related Dementias?

MEDIA

- Geriatricians deliver dedicated care but remain absent from most nursing homes: JAMDA, ***McKnights***, January 2025

- Improving Behavior Management Interventions for Nursing Home Residents with Dementia, ***MedPage Today***, January 2025

- Changing clinicians increases hospitalization chances for nursing home residents, ***McKnights***, November 2024.

- Dementia treatments frequently conflict with residents' care goals, ***McKnights***, September 2024.

- CMS turns up nursing home transparency effort, ***AXIOS***, February 2023.

- Brookdale could be private equity's next nursing home test, ***AXIOS***, October 2022.

- Biden will lay out new nursing home protections in his State of the Union Speech, ***The New York Times***, March 2022.

- Protecting Seniors by Improving Safety and Quality of Care in the Nation's Nursing Homes, ***The White House Briefing Room***, February 2022.

INVITED SPEAKER

- **Yun H,** Mor V, McCreedy E. Using the Electronic Medical Records of Nursing Homes to Measure Behavioral Symptoms: Differential Findings by Resident Race and Ethnicity. (Invited Speaker). ***NIA ADRD workshop at Duke University***: Leveraging Existing Data and Analytic Methods for Health Disparities Research Related to Aging and Alzheimer's Disease and Related Dementias. March 2024. Durham, North Carolina.

PRESENTATIONS

- **Yun H**, Meyers D, Kosar C. Examining the Completeness of Medicare Advantage Encounter Data for Measuring Post-Acute Care Utilization. (Podium Presentation). Gerontological Society of America (GSA) Annual Scientific Meeting. November 2024. Seattle, Washington.

- **Yun H**, McCreedy E. Differences in Behavior Capture Using Electronic Medical Record of Nursing Homes Across Resident Race and Ethnicity. (Podium Presentation; Session Chair). GSA Annual Scientific Meeting. November 2024. Seattle, Washington.

- **Yun H**, Meyers D, Rahman M, Kosar C. Understanding Trends in the Growth of Medicare Advantage Among Long-Stay Nursing Home Residents. (Podium Presentation). GSA Annual Scientific Meeting. November 2024. Seattle, Washington.

- **Yun H**, Kosar C, Unruh MA, Jung HY. Impact of Medicaid Nursing Home Bed-Hold Policy on Hospitalizations and Healthcare Costs Among Medicare Residents. (Podium Presentation). European Geriatric Medicine Society Congress. September 2024. Barcelona, Spain.

- **Yun H**, Meyers D, Kosar C. Assessment of the Completeness of Medicare Advantage Encounter Data for Measuring Post-Acute Care Utilization. (Poster Presentation). AcademyHealth Annual Research Meeting. June 2024. Baltimore, Maryland.

- **Yun H**, Meyers D, Kosar C. Understanding Trends in the Growth of Medicare Advantage Among Long-Stay Nursing Home Residents. (Poster Presentation). AcademyHealth Annual Research Meeting. June 2024. Baltimore, Maryland.

- **Yun H**, Mor V, McCreedy E. Improved Behavioral Detection Using the Electronic Medical Records of Nursing Homes: Differential Findings between Resident Race and Ethnicity. (Poster Presentation). AcademyHealth Annual Research Meeting. June 2024. Baltimore, Maryland.

- **Yun H**, Gulani V, Margolis D, Schackman B, Jalali A, et al. Cost-Effective of Annual MRI and Potential MRI-Guided Biopsy for Prostate Cancer Detection Among Prostate-Specific Antigen Screening Positive Men (Poster Presentation). American Society of Health Economists. June 2024. San Diego, California.

- **Yun H**, Mor V, McCreedy E. Using Nursing Home Electronic Medical Records for Behavior Identification: Differential Findings by Resident Race and Ethnicity. (Poster Presentation). IMPACT Collaboratory. April 2024. Bethesda, Maryland.

- **Yun H**, Unruh MA, Jung HY. Association Between Provider Discontinuity and Quality Care for Nursing Home Residents. (Podium Presentation). Gerontological Society of America (GSA) Annual Scientific Meeting. November 2023. Tampa, Florida.

- **Yun H**, Mor V, McCreedy E. Using the Electronic Medical Records of Nursing Home Residents for Improved Measure of Behavioral Symptoms. (Podium Presentation). GSA Annual Scientific Meeting. November 2023. Tampa, Florida.

- **Yun H**, Unruh MA, Jung HY. Association between Discontinuity of Care from Clinicians and Outcomes of Nursing Home Residents. (Podium Presentation). AcademyHealth Annual Research Meeting. June 2023. Seattle, Washington.

- **Yun H**, Mor V, Mitchell S, McCreedy E. Measuring Behavioral Symptoms in Nursing Home Residents with Dementia: Using the Interventions to Reduce Acute Care Transfers (eINTERACT) Form Embedded in the Electronic Medical Record to Improve Capture. (Poster Presentation). AcademyHealth Annual Research Meeting. June 2023. Seattle, Washington.

- **Yun H**, Gulani V, Margolis D, Schackman B, Jalali A, et al. Cost-Effective Biopsy Strategy in Prostate Cancer Detection Among Medicare Eligible Men: Annual MRI and Potential MRI-Guided Biopsy vs. Transrectal Ultrasonography-Guided (TRUS) Biopsy. (Poster Presentation). Brown Public Research Day. April 2023. Providence, Rhode Island.

- **Yun H**, Mor V, Mitchell S, McCreedy E. Measuring Behavioral Symptoms in Nursing Home Residents with Dementia: Using the Interventions to Reduce Acute Care Transfers (eINTERACT) Form Embedded in the Electronic Medical Record to Improve Capture. (Poster Presentation). IMPACT Collaboratory. April 2023. Bethesda, Maryland.

PROFESSIONAL ACTIVITIES

AD HOC REVIEWER

BMC Infectious Disease

The Journal of Post-Acute and Long-Term Care Medicine, JAMDA

MEMBERSHIPS/ACTIVITIES

ACADEMYHEALTH

2025   Annual Research Meeting Abstract Reviewer

2022-Present   Member

AMERICAN SOCIETY OF HEALTH ECONOMICS

2025   ASHEcon Diversity Scholarship Recipient

2023-Present   Member

ASSOCIATION FOR PUBLIC POLICY ANALYSIS & MANAGEMENT

2025   Member

GERONTOLOGICAL SOCIETY OF AMERICA

2025   Annual Scientific Meeting Abstract Reviewer

2022-Present   Member

SKILLS

- Software: Proficient in Stata, SAS, R, Treeage Pro, Atlas.ti, and Tableau
- Proficient in MS Word, Excel, PowerPoint, Photoshop, Illustrator
- SAS Certified Specialist: Base Programming Using SAS 9.4
- Languages: Korean (native), English (fluent), and Russian (intermediate)