

## Hyesung (Hace) Oh, PHD MBA MPH

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### ACADEMIC APPOINTMENTS

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**T32 Postdoctoral Fellow**, Center for Advancing Health Policy through Research, Brown University School of Public Health, 2024 – present

- Mentor: Christopher Whaley, PhD
- Research focuses on various aspects of horizontal and vertical consolidation of healthcare markets and Alzheimer's and Related Dementias.

### EDUCATION

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#### BROWN UNIVERSITY

**Doctor of Philosophy (PhD), Health Services Research (Specialization in Health Economics)** **May 2024**  
School of Public Health

- **Research interests:** Healthcare markets; Industrial organization; Healthcare access disparities; Healthcare labor
- **Dissertation titled:** "The impact of hospital system mergers: Effects on access to care and health outcomes for Medicaid beneficiaries and private health insurance patients" – Successfully defended on May 23, 2024.
- **Dissertation committee:** Momotazur Rahman (chair), Vince Mor, Andrew Foster, Daeho Kim
- Selected as one of two Brown-Wheaton Faculty Fellows for the 2022-23 academic year
- Awarded the School of Public Health's 2022 Excellence in Teaching Experiences Award
- Sheridan Teaching Seminar Certificate, 2021, Reflective teaching program
- Spatial Structures in the Social Sciences (S4) Fellow. Geospatial Information Systems Institute Winter, 2020-21
- Agency for Healthcare Research and Quality T32 Predoctoral Trainee, 2019 – 2021

#### Master's Degree (AM), Economics

**September 2018 - May 2020**

Department of Economics

- **Dual-degree program** supplementing the PhD program in Health Services Research ([Credential link](#))
- **Relevant coursework:** PhD Microeconomics and Econometrics theory sequences; Industrial Organization; Applied Econometrics; Topics in Labor Economics; Applied Economic Analysis, Structural & Bayesian Econometrics

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#### JOHNS HOPKINS UNIVERSITY

**Master of Public Health (MPH) & Master of Business Administration (MBA) Dual-Degree**

**May 2015**

Graduate Certificate: Public Health Economics

May 2016

Graduate Certificate: Financial Management

May 2017

Bloomberg School of Public Health, MPH

Baltimore, MD

- Health Systems and Policy Concentration

Carey Business School, MBA

- Focus: Finance and General Management
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#### NORTHWESTERN UNIVERSITY

**Bachelor of Arts, Psychology and Mathematics (Minor)**

**June 2011**

Weinberg College of Arts and Sciences

Evanston, IL

- Mathematics Focus: Probability & Stochastic Processes
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### SPECIALIZED TRAINING

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- The Econometric Society Summer School and Conference in Dynamic Structural Econometrics – UW-Madison, August 4-9, 2024
- Brown University Department of Biostatistics Python Bootcamp, Jan 16-19, 2024
- Advanced Causal Inference Workshop – Northwestern Pritzker School of Law Advanced Causal Inference Workshop, August 13-17, 2023
- Programming for Everybody (Getting Started with Python) – University of Michigan ([Credential link](#)), 2018
- MITRE Pitch Your Research course, 2017
- MITRE Strategy Management course, 2017
- MITRE Federal Health Landscape course, 2015
- MITRE Being a Trusted Advisor course, 2015

## RESEARCH MANUSCRIPTS

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### Works submitted

- Construction and analysis of a publicly available dataset identifying the months and years of hospital mergers & acquisitions from 2010-2019 (with Vincent Mor, Daeho Kim, Andrew Foster, & Momotazur Rahman). *Revise & resubmit*.

### Peer-reviewed publications

- White, E. M., Bayer, T., Kosar, C. M., Santostefano, C. M., Muench, U., **Oh, H.**, & [other authors]. (2024). Differences in setting of initial dementia diagnosis among fee-for-service Medicare beneficiaries. *Journal of the American Geriatrics Society*. <https://doi.org/10.1111/jgs.19236>
- Rahman, M., Thapa, B. B., Santostefano, C., Gozalo, P., Muench, U., Kosar, C. M., **Oh, H.**, White, E., & Mor, V. (2024). Patterns of migration following dementia diagnosis. *JAMA Network Open*, 7(10), e2439499. <https://doi.org/10.1001/jamanetworkopen.2024.39499>
- Giron, N.C., **Oh, H.**, Rehmet, E. et al. Descriptive Trends in Medicaid Antipsychotic Prescription Claims and Expenditures, 2016 – 2021. *J Behav Health Serv Res* (2024). <https://doi.org/10.1007/s11414-024-09889-0>
- Kosar, C. M., Thapa, B. B., Muench, U., Santostefano, C., Gadbois, E. A., **Oh, H.**, Gozalo, P. L., Rahman, M., & White, E. M. (2024). Nurse practitioner care, scope of practice, and end-of-life outcomes for nursing home residents with dementia. *JAMA Health Forum*, 5(5), e240825. <https://doi.org/10.1001/jamahealthforum.2024.0825>
- **Oh, H.**, White, E. M., Muench, U., Santostefano, C., Thapa, B., Kosar, C., Gadbois, E. A., Osakwe, Z. T., Gozalo, P., & Rahman, M. (2023). Advanced practice clinician care and end-of-life outcomes for community- and nursing home-dwelling Medicare beneficiaries with dementia. *Alzheimer's & Dementia*, 19(9), 3946–3964. <https://doi.org/10.1002/alz.13052>

### Working papers

- The impact of hospital acquisitions on the access to care and health outcomes for Medicaid beneficiaries (**Selected as one of the best papers submitted to the 84th Annual Meeting of the Academy of Management, 2024**)

### Works in progress

- The impact of hospital acquisitions on the access to care and health outcomes for private health insurance patients
- Trends in Hospital Mergers, Hospital Market Concentration, Hospital Prices, and Wages from 2005 to 2022 (With Christopher Whaley and Daniel Arnold)
- Delivering Amidst Consolidation: Implications of Hospital Mergers on Newborn and Maternal Outcomes (With Christopher Whaley)

## TEACHING EXPERIENCE

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### WHEATON COLLEGE (Massachusetts)

January 2023 – June 2023

#### Visiting Instructor & Brown-Wheaton Faculty Fellow, Public Health & Economics

Norton, MA

- Designed and taught an advanced seminar course on the historical and economic determinants of the US health care system entitled, “How did US health care become such a disaster? An investigative think tank.”
- Assigned weekly memo assignments, hosted guest speakers who are leaders in their organizations (ranging from a pediatric autism therapy provider to the World Bank), and led discussion for five advanced undergraduates.

### BROWN UNIVERSITY

August 2018 – January 2023

#### Co-Lead: Instructor and Curriculum Developer, HSR Stata Programming Boot Camp, (August 2019–January 2023)

- Led the design, development, and securing of funding for a two-week Stata programming boot camp for the Health Services Research PhD program.
- Served as co-instructor of the Boot Camp during the 2019-20, 2020-21, 2021-22, and 2022-23 academic years.

- Taught general Stata programming, including file organization, code documentation, local macro usage, customizable research table generation, and analytical dataset construction.

**Graduate Teaching Associate, Medicare: A data-based policy analysis (PHP2410E), (September 2021–December 2021)**

- Taught and coordinated the applied data analytics and claims processing component of the course for ten students.
- Led weekly coding labs/office hours to reinforce analytical techniques discussed in the course.
- Evaluated student Stata and SAS code submissions for accuracy and correct interpretation of analytical results.
- Assisted students with research question development via one-on-one meetings and presentation practice runs.

**Graduate Teaching Assistant, Health Economics (ECON1360), (September 2021–December 2021)**

- Navigated and successfully delivered hybrid (Zoom + in-person) instruction to a class of twelve.
- Led weekly discussion sessions for entire class with heavy Stata programming instruction.
- Taught and clarified theoretical and empirical economic concepts from lecture sessions.
- Generated Stata solutions code, graded problem sets, and met individually with students upon request.

**Graduate Teaching Assistant, Health Economics (ECON1360), (January 2021–April 2021)**

- Delivered 100% Zoom instruction to a class of seven students.

**Graduate Teaching Assistant, Healthcare in the United States (PHP 0310), (January 2020–May 2020)**

- Led biweekly discussion sessions for two classes of 39 students each.
- Designed case-based team activities to foster collaboration and critical application of course material.

**THE JOHNS HOPKINS UNIVERSITY  
Graduate Teaching Assistantships**

**August 2014 – May 2015**  
Baltimore, MD

**Stata Programming, Bloomberg School of Public Health (March 2015–May 2015)**

- Partnered with course professors to build student competency in Stata statistical software language.
- Delivered individualized Stata tutoring session for students who requested extra help.
- Graded and offered coding suggestions to over 80 different students.

**Fundamentals of Health Policy and Management, Bloomberg School of Public Health (January 2015–May 2015)**

- Taught weekly discussion section for 26 students on the fundamentals of health policy and management.
- Developed weekly lesson plans to reinforce lecture material.

**Economics for Decision Making, Carey Business School (August 2014–October 2014)**

- Led content review sessions for Carey's foundational Master's-level business microeconomics course.

**PAST RESEARCH LEADERSHIP & FUNDING**

Before pursuing my PhD, I worked as a health economist at The MITRE Corporation, a not-for-profit entity that operates several Federally Funded Research and Development Centers, including the [CMS Alliance to Modernize Healthcare](#). My role was dual-faceted: I engaged directly with customers as a consultant and led numerous internal research projects. These projects necessitated presenting proposals to a review committee. I was responsible for managing research budgets totaling \$110,000 and \$77,000.

**THE MITRE CORPORATION**

- Principal Investigator, \$110,000, MITRE Innovation Program, August 2017 – August 2018
- Principal Investigator, \$77,000, Early Career Research Program, October 2016 – September 2017

**PRE-PhD RESEARCH EXPERIENCE**

**THE MITRE CORPORATION**

**April 2015 – August 2018**  
Baltimore, MD

**Senior Health Economist, Health Policy Department, Health Technical Center**

**Principal Investigator & Project Lead, MITRE Innovation Program, (August 2017–August 2018)**

- Managed a research budget of over \$110,000 from MITRE's research & development portfolio.
- Managed the research work of two collaborators.
- Oversaw the following research efforts:
  - (1) The projected impact of Medicaid work requirements: Economic and health outcomes
  - (2) Integration of social determinants of health into Synthea synthetic patient simulator
  - (3) Medicaid expansion and trends in financial security for adults

(1) The projected impact of Medicaid work requirements: Economic and health outcomes

- Projected the economic impact of the work requirement waivers from an individual and public finance perspective.

(2) Integration of social determinants of health into Synthea synthetic patient simulator and SyntheticUSA

- Developed regression models that provide conditional probability inputs to be integrated into [Synthea](#).
- [Synthea](#) generates synthetic patient populations using a spectrum of data, including census and outcomes data.

(3) Medicaid expansion and trends in financial security for adults

- Investigated the effects of Affordable Care Act state Medicaid expansions on patient social health outcomes and financial security.
- Abstract of preliminary results presented as a poster at AcademyHealth Annual Research Meeting 2018.

**Principal Investigator & Project Lead**, MITRE Early Career Research Program, (*October 2016–September 2017*)

- Investigated the difference in the prevalence of health-related social needs across patients with different types of health insurance (Medicare, Medicaid, dual-eligible, private insurance, uninsured).
- Led the research work of two coauthors, successfully managing a research budget of \$77,000.

**FULBRIGHT PROGRAM, US DEPARTMENT OF STATE****Fulbright Scholar, Research Fellow****September 2011 – August 2012**

Seoul, Republic of Korea

**Junior Researcher**, Fulbright Program, (*Sep 2011 – Aug 2012*)

- Investigated Korea's high suicide rate, National Health Insurance Service, and attitudes toward the elderly.
- Authored a literary piece selected for publication in annual Fulbright Korea journal.

**Research Associate**, Health Insurance Models Activation and Leveling-up (HIMAL) Project, (*Feb 2012 – Jul 2012*)

- Evaluated different models of community-based health insurance used by each of Nepal's five major regions.
- Performed environmental scan of subsidization strategies and produced a report for the HIMAL Project team.

**OTHER PROFESSIONAL EXPERIENCE****THE MITRE CORPORATION****Senior Health Economist**, Health Policy Department, Health Technical Center**April 2015 – August 2018**

Baltimore, MD

**Data Analytics Lead**, *All of Us (AoU)* Research Program FQHC Pilot (*March 2018–August 2018*)

- Led the collection, storage, and analysis of operations data from the FQHCs in the AoU Research program.
- Used STATA and Excel to guide the team through structured and exploratory research.
- Led the construction of monthly research briefs for the NIH customer, highlighting FQHC participant enrollment.

**Finance & Budgeting Lead**, *AoU* Research Program FQHC Pilot, (*March 2016–August 2018*)

- Developed finance and budgeting tools that allowed each FQHC to estimate the approximate costs for recruiting, enrolling, and retaining participants.
- Calculated the optimal allocation of approximately \$5 million of NIH funds across the six FQHCs in the Pilot.
- Served as the adviser and relationship manager for the *AoU* FQHC Cherokee Health Systems (CHS).

**Task Lead**, Population Health Advisory Group, (*October 2015–September 2016*)

- Led customer engagement and design of a Population Health infographic for the Center for Medicare and Medicaid Services (CMS).
- Guided the customer through four iterations of the infographic, while summarizing and communicating the changes made with each iteration to the federal project team.

**Financial Analyst**, New Model Portfolio Plan and Model Portfolio Plan, (*April 2015–February 2016*)

- Performed an analysis of the Medicare Shared Savings Program savings mechanisms.
- Constructed a financial model projecting the impact of patient shared decision-making on mammography.

**DIVISION FOR SHARED SAVINGS PROGRAM, CENTER FOR MEDICARE****Finance and Economics Intern****June 2014 – February 2015**

Baltimore, MD

- Developed econometric frameworks for evaluating Shared Savings Program (SSP) ACO performance.
- Generated Stata code to perform policy evaluation of Performance Year 1 data from the first SSP ACOs.

**LAWNDALE CHRISTIAN HEALTH CENTER****Medical Operations Assistant to the Chief Medical Officer****August 2012 – June 2013**

Chicago, IL

- Evaluated provider care productivity and developed additional performance metrics to assess clinical productivity.
- Initiated, managed, and coordinated the implementation of the Student Volunteer Program.

## INVITED PRESENTATIONS

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- The Impact of Hospital Acquisitions on Access to Care and Health Outcomes for Medicaid Beneficiaries. Invited for podium presentation at 84<sup>th</sup> Annual Meeting of the Academy of Management; 2024. **Selected as one of the best submitted papers.**
- The Impact of Hospital Acquisitions on Access to Care and Health Outcomes for Medicaid Beneficiaries. Invited for oral presentation at Institute for Humane Studies, Winter Graduate Conference, Feb 9-10, 2024.
- The Impact of Hospital Acquisitions on Access to Care and Health Outcomes for Medicaid Beneficiaries. Invited for podium presentation at ASHEcon Conference; 2024.
- The Impact of Hospital Acquisitions on Access to Care and Health Outcomes for Medicaid Beneficiaries. Invited for oral presentation at Cato Institute Health Policy Workshop, Oct 13-14, 2023.
- Advanced Practice Clinician Care and End-of-Life Outcomes for Community-Dwelling Medicare Beneficiaries with Dementia. Invited to present poster at: ASHEcon Conference; 2022.
- Advanced Practice Clinician Care and End-of-Life Outcomes for Community-Dwelling Medicare Beneficiaries with Dementia. Invited to present poster at: AcademyHealth Annual Research Meeting; 2022.
- Effect of nursing home stay on burdensome care transitions near the end of life among persons with Alzheimer's Disease and related dementias. Invited to present poster at: AcademyHealth Annual Research Meeting; 2021.
- Hospital mergers and the competitive landscape: Spillover effects on non-merging competitors. Invited to present poster at: National Research Service Award Trainee Research Conference; 2020.
- Medicare ACOs good for business? Effects on hospital market competition. Poster presented at: AcademyHealth Annual Research Meeting; 2019 Jun 2-4; Washington, D.C.
- Medicaid expansion and trends in financial security for adults. Poster presented at: AcademyHealth Annual Research Meeting; 2018 Jun 24-26; Seattle, WA.

## SYMPOSIA AS PARTICIPANT

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- Institute for Humane Studies "Downstream Effects of Covid Restrictions on Immigration", Aug 11-12, 2023

## SERVICE

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- Ad-hoc Referee: Journal of Ambulatory Care Management, Health Affairs Scholar
- Abstract Reviewer: ASHEcon, 2025; Academy of Management Annual Meeting, 2025
- Big Sibling Mentor for PhD Students, Brown University HSR PhD Program, 2021 - Present
- Sheridan Center for Teaching and Learning Student Liaison, Brown University, 2022-2024
- Member of Coding Workshop Committee, 2019 (Eventually led to the Stata Programming Bootcamp)
- Deans for Students Network, Johns Hopkins University Bloomberg School of Public Health, 2013-2015
- Academic Ethics Committee, Johns Hopkins University Bloomberg School of Public Health, 2013-2015

## OTHER AWARDS & HONORS

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- Fulbright Association National Capital Area Chapter (NCAC) Board of Directors (Elected position), 2014-2017
- Bloomberg School of Public Health Student Recognition Award for Outstanding Service, 2013-2014
- U.S. Fulbright Fellowship to South Korea, 2011-2012
- Korea Fulbright Alumni Association Certificate of Service, 2011-2012

## COMPUTING SKILLS

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**Advanced:** Stata; **Intermediate:** SAS, SQL, Python, LaTeX; **Familiar:** R, ArcGIS, HTML