

## Donghoon Lee

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| CONTACT<br>INFORMATION   | 206-103<br>358 Namsejong-ro<br>Sejong 30150 Korea   | <i>E-mail:</i> donghlee@uw.edu<br><i>Mobile:</i> (+82)10-4186-1889<br><i>Website:</i> <a href="https://dhleehecon.github.io">https://dhleehecon.github.io</a> |
| RESEARCH<br>INTERESTS    | Health economics, health policy evaluation, health services research, applied econometrics method, mental and psychiatric care, aging, informal caregiving, global health (vaccine)   |   |
| ACADEMIC<br>APPOINTMENTS | <b>The CHOICE Institute</b> University of Washington, Seattle, USA<br><b>Institute of Health Science</b> Korea University, Seoul, South Korea<br>Postdoctoral Research Fellow (joint appointment; Advisor: Jing Li), September 2023 - present   |   |
| EDUCATION                | <b>University of Washington</b> , Seattle, USA<br>Ph.D., Health Services Research (Health Economics), 2023 <ul style="list-style-type: none"><li>• Dissertation: <i>The Effects of Ownership and Competition on Psychiatric Hospital's Behavior: Implications for Cream Skimming and Heterogeneity of Causal Parameters</i></li><li>• Advisor: Anirban Basu</li></ul> <b>London School of Economics</b><br><b>London School of Hygiene and Tropical Medicine</b> , London, United Kingdom<br>M.Sc., Health Policy, Planning and Financing, 2015<br><b>Yonsei University</b> , Seoul, South Korea<br>B.A., Economics, 2012   |   |
| HONORS AND<br>AWARDS     | Fulbright Graduate Study Award, 2017<br>British Council IELTS Scholarship Award, 2014<br>Korean Government Scholarship for Overseas Study, 2013   |   |
| PUBLICATIONS             | <ol style="list-style-type: none"><li>1. <b>Lee, D.</b>, Kim, S., Dugan, J. (2024). The effect of prescription drug insurance on the incidence of potentially inappropriate prescribing: Evidence from Medicare Part D. <i>Health Economics</i>, 33(1):137-152.</li><li>2. <b>Lee, D.</b>, Dugan, J. (2023). Medicaid expansions and access to substance abuse treatment services among Limited English Proficiency populations. <i>Medical Care</i>, 61(12):858-865.</li><li>3. <b>Lee, D.</b>, Lavayen, M., Kim, T., Legins, K., Seidel, M. (2023). Association of vaccine stockout with immunization coverage in low-income and middle-income countries: a retrospective cohort study. <i>BMJ Open</i>, 13: e072364.</li><li>4. Wright, A., <b>Lee, D.</b>, Marshall, A., Booshehri, L., Dugan, J. (2022). Examining the effects of social and cash transfer programs for homeless adults: Evidence from the Samaritan Pilot. <i>Public Health in Practice</i>, 4: 100331.</li><li>5. <b>Lee, D.</b>, Kim, Y., Devine, B. (2022). Spillover effects of mental health disorders on family members' health-related quality of life: Evidence from a US sample. <i>Medical Decision Making</i>, 42(1): 80-93.</li><li>6. <b>Lee, D.</b>, Lee, YR., Oh, IH. (2019). Cost-effectiveness of smoking cessation programs for hospitalized patients: a systematic review. <i>European Journal of Health Economics</i>, 20(9):1409-24.</li></ol> |   |

7. Lee, YR., Cho, B., Jo, MW., Ock, M., **Lee, D.**, Lee, D., Kim, MJ., Oh, IH. (2019). Measuring the economic burden of disease and injury in Korea, 2015. *Journal of Korean Medical Science*, 34(supp; 1):e80.
8. **Lee, D.**, Shin, HY., Park, SM. (2018). Cost-effectiveness of antiviral prophylaxis during pregnancy for the prevention of perinatal hepatitis B infection in South Korea. *Cost Effectiveness and Resource Allocation*, 16:6.
9. Kim, K., Shin, D., Jung, GU., **Lee, D.**, Park, SM. (2017). Association between sleep duration, fat mass, lean mass, and obesity in Korean adults: the Fourth and Fifth Korean National Health and Nutrition Examination Survey. *Journal of Sleep Research*, 26:453-460.
10. **Lee, D.**, Park, SM. (2016). Cost-effectiveness analysis of hepatitis B vaccination strategies to prevent perinatal transmission in North Korea: selective vaccination vs. universal vaccination. *PLOS ONE*, 11(11):e0165879.

#### Non peer reviewed publications

1. Park, SM., **Lee, D.** (2015). Making use of economic evaluation evidence in clinical practice. *Evidence and Values in Healthcare*, 1(4):161-167. (in Korean)

#### WORKING PAPERS

1. **Lee, D.**, Basu, A., Dugan, J., Karaca-Mandic P. Do for-profit hospitals cream-skim patients? Evidence from inpatient psychiatric care in California. NBER Working Paper No. 32179. (R&R at *Journal of Health Economics*)
2. **Lee, D.**, Li, J. Medicare enrollment at age 65 increases visits to primary care but not mental health care providers. (R&R at *Health Affairs*)
3. **Lee, D.**, Basu, A. Deploying differential distance as an instrumental variable: alternative forms, estimators, and specifications. (Under Review)
4. **Lee, D.**, Basu, A., Karaca-Mandic P. Competition in inpatient psychiatric care markets: Implications for costs and the quality of care.
5. **Lee, D.**, Li, J. Financial determinants and consequences of intergenerational caregiving among US households.
6. **Lee, D.**, Lavayen, M., Kim, T. Griffiths, U., *et al.* The effects of government health and immunization financing on routine childhood vaccination during the COVID-19 pandemic: a difference-in-differences study.

#### WORKS IN PROGRESS

1. **Lee, D.**, Park, S., Gray S., Li, J. Association of psychotropic medication use with emergency department visits, hospitalizations, and related expenditures among older adults with cognitive impairments.
2. **Lee, D.**, Basu, A., Li, J. Rounding errors in the running variable in the regression discontinuity design: Practical applications with MEPS
3. **Lee, D.**, Kim, T. Griffiths, U., *et al.* Health and financial consequences of transitioning out of Gavi support: An event study framework.

#### CONFERENCE AND SEMINAR PRESENTATIONS

1. Association of psychotropic medication use with emergency department visits, hospitalizations, and related expenditures among older adults with cognitive impairments. **AcademyHealth**. Poster. July 2024.
2. Financial determinants and consequences of intergenerational caregiving among US households **ASHEcon**. Session presenter. June 2024.
3. Financial determinants and consequences of intergenerational caregiving among US households **Korean Association of Health Economics and Policy**. Session presenter. May 2024.

4. Do for-profit hospitals cream-skim patients? Evidence from inpatient psychiatric care in California. **Korean Health Economics and Health Services Research Group**. November 2023.
5. Do for-profit hospitals cream-skim patients? Evidence from inpatient psychiatric care in California. **University of Washington Program in Health Economics and Outcomes Research Methodologies**. December 2022.
6. Medicaid expansions and Limited English Proficiency populations seeking substance abuse Treatment services. **AcademyHealth**. Poster. June 2022.
7. Malaria parasitemia and clinical characteristics of Kenyan children diagnosed with HIV in Hospital. **University of Washington Kenya Research and Training Center Weekly Seminar**. Invited presenter. October 2021.
8. The effect of prescription drug insurance on the incidence of inappropriate prescribing: Evidence from Medicare Part D. **ASHEcon**. Session presenter. June 2021.
9. Cost-effectiveness of a physical activity promotion intervention for people with disabilities: A Markov model approach. **ISPOR European Congress**. Poster. November 2017.
10. Cost-effectiveness of antiviral prophylaxis during pregnancy to prevent perinatal hepatitis B Infection. **ISPOR International Meeting**. Poster. May 2017.

#### DISCUSSANT

1. Comment on “Effects of health shocks on adult children’s labor market outcomes and well-being” by Lizardi et al. **ASHEcon**. June 2024.

#### TEACHING EXPERIENCE

**University of Washington**, Seattle, USA

*Guest Lecturer*

**Winter 2021**

- HSMGMT 500 Risk and Insurance Seminar (Master of Health Administration program)

*Teaching Assistant*

**Autumn 2020 - Spring 2022**

- SPH 480 Research Methods in Public Health (Undergraduate major)

#### PRE-DOCTORAL RESEARCH EXPERIENCE

**University of Washington**, Seattle, USA

*Research Assistant*

**July 2022 - June 2023**

PI: Mark Haselkorn, Department of Human Centered Design and Engineering

*Research Assistant*

**Summer 2021**

PI: Jennifer Slyker, Department of Global Health

**Kyung Hee University College of Medicine**, Seoul, South Korea

*Research Associate*

**February 2017 - June 2018**

PI: In-Hwan Oh, Department of Preventive Medicine

**Seoul National University Hospital Biomedical Research Institute**, Seoul, South Korea

*Research Associate*

**September 2013 - January 2017**

PI: Sang-Min Park, Department of Family Medicine / Department of Biomedical Sciences

**Project Malawi**, Lilongwe, Malawi

*Field Research Assistant*

**March 2012 - February 2013**

PI: Hyuncheol B. Kim, Yonsei University Department of Preventive Medicine

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| ACADEMIC SERVICES        | Abstract reviewer, AcademyHealth Annual Research Meeting, 2023/2024                                     |   |  |
|                          | Student reviewer, UW Health Services PhD program Admission Committee, 2022                              |   |  |
| PROFESSIONAL MEMBERSHIPS | AcademyHealth, American Society of Health Economists, Korean Association of Health Economics and Policy |   |  |
| SOFTWARE SKILLS          | R, STATA, SAS, $\text{\LaTeX}$  |   |  |
| REFERENCES               | Anirban Basu<br>University of Washington<br>basua@uw.edu  | Jing Li<br>University of Washington<br>jli0321@uw.edu | Pinar Karaca-Mandic<br>University of Minnesota<br>pkmandic@umn.edu |