Pyung Kim

Ph.D. Candidate
School of Economic, Political and Policy Sciences
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EDUCATION

Ph.D. in Public Policy and Political Economy, University of Texas at Dallas	Current

- Admission with the highest honor of the doctoral program (Brian J.L. Berry Scholarship)
- Specialization: Social and Health Policy (expected graduation: May 2026)

M.S. in Geospatial Information Sciences (GIS)	Current
M.A. in Public Administration, Yonsei University, South Korea	2020
B.A. in Public Administration, Ajou University, South Korea (Honors: *summa cum laude*)	2018
Exchange student, Julius-Maximilians Universität of Würzburg, Germany	2016 – 2017

PROFESSIONAL EXPERIENCE

Korea Social Science Data Archive at Seoul National University *Instructor*; *Teaching Assistant (Summer & Winter Program in Quantitative Methods)*	2022 – 2024
Korea Institute of Public Administration, a think tank under the Prime Minister's Office *Research Assistant*	2020

HONORS, AWARDS, & FELLOWSHIPS

President Travel Award for APPAM, The Korean Association for Policy Studies	2023
PPPE Graduate Student Travel Grant, UT Dallas ($2,000)	2023
Keith Lankford Taylor Fellowship, UT Dallas ($1,000)	2023
Brian J.L. Berry Scholarship, the highest honor of the program, UT Dallas ($30,000)	2021 –2026
UTD Graduate Studies Scholarship, UT Dallas ($97,200)	2021 –2026
Brain Korea 21 PLUS Scholarship, National Research Foundation of Korea ($12,000)	2018 –2020
YUPA Graduate Studies Scholarship, Yonsei University ($6,000)	2018 –2020
AJOU-IN Award (*summa cum laude*), Ajou University	2018
The Next Century Humanities Scholarship, Korea Ministry of Education ($33,000)	2015 –2018
Teaching Assistantship for Undergraduate Student, Ajou University ($6,500)	2014 –2018
Excellence in Undergraduate Research Project, Ajou University ($300)	2015
Dean's list, Ajou University	2015
Merit Scholarship, Ajou University ($3,000)	2014
Dean's list, Ajou University	2014

RESEARCH INTERESTS

- Environment, health, and disability
- Causal inference and program evaluation
- Spatial analysis and machine learning

PEER-REVIEWED PUBLICATIONS

[3] Hong, S., Jeong, D., & **Kim, P.** (2024). Have offender demographics changed since the COVID-19 Pandemic? Evidence from money mules in South Korea. *Journal of Criminal Justice*, 91, 102156. https://doi.org/10.1016/j.jcrimjus.2024.102156. (IF=5.5, 95.18% in Criminology & Penology; h-5 index=38)

[2] Maxwell, S. P., Brooks, C., **Kim, P.**, Kim, D., McNeely, C. L., & Thomas, K. (2023). Understanding habitats and environmental conditions of white-tailed deer population density and public health data to aid in assessing human tick-borne disease risk. *Microorganisms*, 11(4), 865. https://doi.org/10.3390/microorganisms11040865. (IF=4.5, 65.6% in Microbiology; h-5 index=84)

[1] **Kim, P.** & Bae, H. (2022). Do firms respond differently to the carbon pricing by industrial sector? How and why? A comparison between manufacturing and electricity generation sectors using firm-level panel data in Korea". *Energy Policy*, 162, 112773. https://doi.org/10.1016/j.enpol.2021.112773. (IF=9.0, 98.0% in Economics; h-5 index=123)

In Korean
[2] Han, M., & **Kim, P.** (2022). Analysis of factors affecting corporate participation in Carbon Disclosure Project (CDP): Organizational Institutionalism perspective. *GRI Review,* 24(1), 181-209.

[1] **Kim, P.**, & Kim, S. (2017). Analyzing the Opposition to Nuclear Power Energy on the Internet - Focusing on the Moderating Effect of Policy Efficacy. *Crisisonomy*, 13(3), 1-15. (Undergraduate Student)

UNDER REVIEW

[2] **Kim, P.,** Jung, J. Min, C., Choi, H. Kim., D, Kumar, P., Hwang, J., & Song, D. "Personalized Self-Management Behavior Intervention for PM-related Asthma Exacerbation Using Deep Learning"

[1] **Kim, P.,** Maxwell, S. P., Parijat, N., Kim, D., & McNeely, C. L., "Targeted Tick-Borne Disease Recognition: Assessing Risk for Improved and Equitable Public Health"

WORK IN PROGRESS

[4] "The Effect of Emission Trading Scheme on Carbon Reduction: A Synthetic Control Approach"

[3] "How Do US States Address Artificial Intelligence? Insights from State AI Bills" (with Hanvit Kim)

[2] "The Effect of Social Distancing on Mobility during the COVID-19 Pandemic: A Bayesian Spatial-temporal Model"

[1] "Geography of Disability Inclusion: Barriers and Facilitators to Community Integration of Burn Injury Survivors in Texas" (with Karen Kowalske, Dohyeong Kim, Richard Scotch, Doh Jeong, Kyra Solis, and Nabeeha Hassan)

FUNDED PROJECTS

[6] "Geospatial Community Mapping to Assess Social and Environmental Barriers and Facilitators for Burn Survivors" ($483,532, with UT Southwestern Medical Center, 2022 – D2027)
- *Research assistant at UT Dallas*
- *Funded by the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)*
- *Karen Kowalske (PI at UTSW), Dohyeong Kim (PI at UTD), and Richard Scotch (Co-PI at UTD)*

[5] "A Study on International Standards of Software Safety Assessment and Legal Arrangement of Domestic and Foreign Countries" (2020)
- *Research assistant at Korea Institute of Public Administration*
- *Funded by Software Policy & Research Institute in Korea*

[4] "An Analysis of the Local Government Social Welfare Budget" (2018)
- *Research assistant at Yonsei University*
- *Funded by Korea Ministry of Health and Welfare*

[3] "Analysis of national distrust structure of nuclear safety regulations and development of risk communication strategies for recovering trust" (2016)
- *Research assistant at Ajou University*
- *Funded by Korea Foundation of Nuclear Safety*

[2] "Track and analyze the performance of technological development project for original research" (2015)
- *Research assistant at Ajou University*
- *Funded by National Research Foundation of Korea*

[1] "Analysis of national distrust structure of nuclear safety regulations and development of risk communication strategies for recovering trust" (2015)
- *Research assistant at Ajou University*
- *Funded by Korea Foundation of Nuclear Safety*

CONFERENCE PRESENTATIONS

[6] "How Do US States Address Artificial Intelligence? Insights from State AI Bills"
- *American Society for Public Administration (ASPA), Apr 2024, Minneapolis, MN (planned)*

[5] "Geography of Disability Inclusion: Barriers and Facilitators to Community Integration of Burn Injury Survivors in North Texas"
- *American Society for Public Administration (ASPA), Apr 2024, Minneapolis, MN (planned)*

[4] "Burn Injury Survivors as Overlooked Health Disparity: Assessing Spatial Factors for Burn Injury Survivors' Community Reintegration in Texas"
- *American Public Health Association (APHA), Nov 2023, Atlanta, GA*

[3] "From Stick to Carrot: The Effects of Carbon Pricing Policy on Firm Environmental Performance in Korea"
- *Association for Public Policy Analysis and Management (APPAM), Nov 2023, Atlanta, GA*

[2] "Why Companies Voluntarily Disclose Environmental Information?"
- *Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA), Jul 2021 (online)*

[1] Who Are the Active Netizens? Focusing on The Role of the Policy Efficacy
- *International Conference on Information and Social Science, 24 – 26 June 2016, Sapporo, Japan*

TEACHING

[Instructor]

Advanced GIS and Spatial Statistics
- *Korea Social Science Data Archive (graduate, Summer 2023)*
- *Rating: 9.84/10*

Introductory GIS and Spatial Statistics
- *Korea Social Science Data Archive (graduate, Summer 2023)*
- *Rating: 9.54/10*

[Teaching Assistant]

Economics for Public Policy
- *UT Dallas (graduate, Spring 2024)*

Big Data Analysis and Machine Learning for Social Science
- *Korea Social Science Data Archive (graduate, Winter 2024)*

Descriptive and Inferential Statistics
- *UT Dallas (graduate, Fall 2023)*

Methods of Quantitative Analysis in the Social and Policy Sciences
- *UT Dallas (graduate, Spring 2023; Fall 2022)*

GIS and Spatial Statistics
- *Korea Social Science Data Archive (graduate, Summer 2022)*

American National Government
- *UT Dallas (undergraduate, Spring 2022; Fall 2021)*

Quantitative Policy Analysis
- *Yonsei University (undergraduate, Fall 2019)*

Forecasting Methods and Applications
- *Yonsei University (graduate, Spring 2018)*

Introduction to Korean Government
- *Ajou University (undergraduate, Fall 2017)*

Research Methods in Public Administration
- *Ajou University (undergraduate, Spring 2016)*

DATA ANALYTICS TOOLS

Statistical analysis (R, STATA, SPSS)
Geospatial analysis (R, Arc GIS, Quantum GIS, Geo Da, Tableau)

PROFESSIONAL AFFILIATIONS

American Society for Public Administration (ASPA)   Feb 2024 – Current

American Congress of Rehabilitation Medicine (ACRM)   Feb 2024 – Current

American Public Health Association (APHA)   Jul 2023 – Current

Association for Public Policy Analysis and Management (APPAM)   Mar 2023 – Current

SERVICE

Korean Student Association (Secretary)   Sep 2023 – Aug 2024
- *UT Dallas*

Graduate Student Assembly (Vice President)   Sep 2018 – Feb 2019
- *Department of Public Administration, Yonsei University*

Student Ambassador   Mar 2014 – Feb 2015
- *Office of Admission, Ajou University*