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	Feb 2020
B.A. in Public Administration, Ajou University, South Korea (Honors: *summa cum laude*)	Feb 2018
Exchange student, Julius-Maximilians Universität of Würzburg, Germany	Sep 2016 – Aug 2017

PROFESSIONAL EXPERIENCE

Korea Social Science Data Archive (KOSSDA) at Seoul National University *Instructor*; *Teaching Assistant*	Jan 2024; Aug 2023; Aug 2022
Korea Institute of Public Administration (KIPA), a national think tank under the Prime Minister *Research Assistant*	Jul 2020 – Dec 2020

HONORS, AWARDS, & FELLOWSHIPS

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

RESEARCH INTERESTS

- Environment, Health, and Disability
- Causal Inference and Program Evaluation
- Spatial Data 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] "Deep Learning for Anticipatory Governance" (with Dohyeong Kim)

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

[2] "The Effect of Social Distancing Policies 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, Dohyo Jeong, Kyra Solis, and Nabeeha Hassan)

FUNDED PROJECTS

[Research Assistant]

[6] "Geospatial Community Mapping to Assess Social and Environmental Barriers and Facilitators for Burn Survivors" ($483,532, with UT Southwestern Medical Center)   Nov 2022 – Dec 2027 / UT Dallas
- *Funded by the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR), US Department of Health and Human Services*
- *Karen Kowalske (PI at UTSW), Dohyeong Kim (PI at UTD), Richard Scotch (Co-PI at UTD)*

[5] "A Study on International Standards of Software Safety Assessment and Legal Arrangement of Domestic and Foreign Countries"
- *Funded by Software Policy & Research Institute under the Korea Ministry of Science and ICT*

Aug 2020 – Nov 2020
Korea Institute of
Public Administration

[4] "An Analysis of the Local Government Social Welfare Budget"
- *Funded by Korea Ministry of Health and Welfare*

Jul 2018 – Aug 2018
Yonsei Univ.

[3] "Analysis of national distrust structure of nuclear safety regulations and development of risk communication strategies for recovering trust"
- *Funded by Korea Foundation of Nuclear Safety*

Mar 2016 – Aug 2016
Ajou Univ.

[2] "Track and analyze the performance of technological development project for original research"
- *Funded by National Research Foundation of Korea*

Jul 2015 – Aug 2015
Ajou Univ.

[1] "Analysis of national distrust structure of nuclear safety regulations and development of risk communication strategies for recovering trust"
- *Funded by Korea Foundation of Nuclear Safety*

Jan 2015 – Aug 2015
Ajou Univ.

CONFERENCE PRESENTATIONS

[6] How Do US States Address Artificial Intelligence? Insights from State AI Bills
- *American Society for Public Administration (ASPA)*

12 – 16 Apr 2024
Minneapolis, MN

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

12 – 16 Apr 2024
Minneapolis, MN

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

12 – 15 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)*

9 – 11 Nov 2023
Atlanta, GA

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

17 – 18 Jul 2021
Online

[1] Who Are the Active Netizens? Focusing on The Role of the Policy Efficacy (Undergraduate Student)
- *International Conference on Information and Social Science*

24 – 26 June 2016
Sapporo, Japan

TEACHING

[Instructor]

Advanced GIS and Spatial Statistics (graduate, rating: 9.84/10)

Summer 2023
Korea Social Science Data Archive

Introductory GIS and Spatial Statistics (graduate; rating: 9.54/10)

Summer 2023
Korea Social Science Data Archive

[Teaching Assistant]

Economics for Public Policy (graduate)

Spring 2024
UT Dallas

Big Data Analysis and Machine Learning for Social Science (graduate)

Winter 2024
Korea Social Science Data Archive

Descriptive and Inferential Statistics (graduate)	Fall 2023 UT Dallas
Methods of Quantitative Analysis in the Social and Policy Sciences (graduate)	Spring 2023; Fall 2022 UT Dallas
GIS and Spatial Statistics (graduate)	Summer 2022 Korea Social Science Data Archive
American National Government (undergraduate)	Spring 2022; Fall 2021 UT Dallas
Quantitative Policy Analysis (undergraduate)	Fall 2019 Yonsei Univ.
Forecasting Methods and Applications (graduate)	Spring 2018 Yonsei Univ.
Introduction to Korean Government (undergraduate)	Fall 2017 Ajou Univ.
Research Methods in Public Administration (undergraduate)	Spring 2016 Ajou Univ.

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) • UT Dallas	Sep 2023 – Aug 2024
Graduate Student Assembly (Vice President) • Department of Public Administration, Yonsei University	Sep 2018 – Feb 2019
Student Ambassador • Office of Admission, Ajou University	Mar 2014 – Feb 2015