

Pyung Kim

Ph.D. Candidate and Brian J.L. Berry Scholar
School of Economic, Political and Policy Sciences
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EDUCATION

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|---|---------------------|
| Ph.D. in Public Policy and Political Economy, University of Texas at Dallas | Aug 2021 – Current |
| <ul style="list-style-type: none"> Admission with the Brian J.L. Berry Scholarship, the highest honor of the doctoral program Expected graduation: May 2026 | |
| M.S. in Social Data Analytics and Research, University of Texas at Dallas | Aug 2023 – Current |
| M.A. in Public Administration, Yonsei University, Korea | Mar 2018 – Feb 2020 |
| B.A. in Public Administration, Ajou University, Korea (Honors: <i>summa cum laude</i>) | Mar 2011 – Feb 2018 |
| Exchange student, Julius-Maximilians Universität of Würzburg, Germany | Sep 2016 – Aug 2017 |

ACADEMIC POSITIONS

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

HONORS, AWARDS, & FELLOWSHIPS

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| 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 (\$90,000) | 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 (<i>summa cum laude</i>), 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 – Aug 2016; Sep 2017 – 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 |

PEER-REVIEWED PUBLICATIONS (18 citations as of September 2023)

[First Author Publication]

- [1] **Pyung Kim**, & 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=7.576, 94.88% in Economics, h5-index=123)
- Method: Fixed effect model (STATA)

[Co-author Publication]

- [1] Maxwell, S. P., Brooks, C., **Pyung Kim**, 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. (IF=4.926, 60.95% in Microbiology, h5-index=84)
- Method: GIS mapping (Arc GIS and Tableau)

[Publications in Korean]

- [2] Han, M., & Pyung Kim (2022). "Analysis of Factors Affecting Corporate Participation in Carbon Disclosure Project (CDP): Organizational Institutionalism Perspective". *GRI Review*, 24(1), 181-209.
- Method: Event history analysis (STATA)
- [1] Pyung Kim, & 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.
- Method: OLS regression (SPSS)

UNDER REVIEW

- [1] "Using Deep Learning to Identify Asthmatic Children Who Are Sensitive to PM Exposure: The Road to Personalized Risk Prediction and Intervention" (with Jooyi Jung, Choongki Min, Hyoungshin Choi, Dohyeong Kim, Pranav Kumar, Jeongeun Hwang, and Daejin Song)

WORKING PAPERS

- [4] "Burn Injury Survivors as Overlooked Health Disparity: Assessing Spatial Factors for Burn Injury Survivors' Community Reintegration" (with Dohyeong Kim, Richard Scotch, Karen Kowalske, Dohyo Jeong, Kyra Solis, and Nabeeha Hassan)
- [3] "From Stick to Carrot: The Effects of Carbon Pricing Policy on Firm Environmental Performance in South Korea"
- [2] "The Effect of Social Distancing Policies on Mobility in the US during the COVID-19 Pandemic"
- [1] "Targeted Tick-borne Disease Prevention: Disaggregating Primary Audiences, Behaviors, Living Conditions, and Geographic Information for Improved and Equitable Public Health Communication" (with Sarah Maxwell, Nabila Parijat, Dohyeong Kim, and Connie McNeely)

FUNDED PROJECTS

- [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 National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR), Administration for Community Living, US Department of Health and Human Services Karen Kowalske (PI at UTSW), Dohyeong Kim (PI at UTD), Richard Scotch (Co-PI at UTD)*

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| [5] "A Study on International Standards of Software Safety Assessment and Legal Arrangement of Domestic and Foreign Countries" <i>Funded by Software Policy & Research Institute under the Korea Ministry of Science and ICT</i> | Aug 2020 – Nov 2020 Korea Institute of Public Administration |
| [4] "An Analysis of the Local Government Social Welfare Budget" <i>Funded by Korea Ministry of Health and Welfare</i> | 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" <i>Funded by Korea Foundation of Nuclear Safety</i> | Mar 2016 – Aug 2016 Ajou Univ. |
| [2] "Track and analyze the performance of technological development project for original research" <i>Funded by National Research Foundation of Korea</i> | 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" <i>Funded by Korea Foundation of Nuclear Safety</i> | Jan 2015 – Aug 2015 Ajou Univ. |

CONFERENCE PRESENTATIONS

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| [11] Burn Injury Survivors as Overlooked Health Disparity: Assessing Spatial Factors for Burn Injury Survivors' Community Reintegration in Texas <i>American Public Health Association (APHA)</i> | 12 – 15 Nov 2023 Atlanta, GA |
| [10] From Stick to Carrot: The Effects of Carbon Pricing Policy on Firm Environmental Performance in Korea <i>Association for Public Policy Analysis and Management (APPAM)</i> | 9 – 11 Nov 2023 Atlanta, GA |
| [9] Think Globally, Act Locally? Role of Global Identity in Tackling Climate Change <i>Asian Conference on Crisisonomy (ACC)</i> | 20 – 23 Jul 2022 Jeju, Korea |
| [8] Why Companies Voluntarily Disclose Environmental Information? <i>The Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA)</i> | 17 – 18 Jul 2021 Online |
| [7] An Analysis of the Determinants and Impacts of Digital Divide <i>The Korean Association for Policy Studies Annual Conference</i> | 4 Dec 2020 Online |
| [6] Information Disclosure as a Policy Tool: A Comparative Case Study of the Toxic Release Inventory (TRI) program in the United States and South Korea <i>The 5th National Conference of Graduate Students in Public Administration</i> | 10 May 2019 Seoul, Korea |
| [5] An Analysis of the Institutionalization Process of the 4 th Industrial Revolution in South Korea: Historical Context, Political Situation, and Strategic Behavior of Bureaucrats <i>The 5th National Conference of Graduate Students in Public Administration</i> | 10 May 2019 Seoul, Korea |
| [4] Impact of Goal Clarity on Corporate Environmental Performance: Focusing on the Voluntary Environmental Programs <i>The Korean Association for Local Government Studies Annual Conference</i> | 9 Nov 2018 Busan, Korea |
| [3] Does Experience Affect Judgement? Analyzing the Impact of Online Experience on Nuclear Risk Perception <i>26th Society for Risk Analysis (SRA) – Europe Annual Conference</i> | 19 – 21 June 2017 Lisbon, Portugal |

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| [2] Who Are the Active Netizens? Focusing on The Role of the Policy Efficacy <i>2016 International Conference on Information and Social Science (ISS)</i> | 24 – 26 June 2016 Sapporo, Japan |
| [1] An Analysis of Perceived Health by Local Residents around Nuclear Power Station <i>2015 International Conference on Information and Social Science (ISS)</i> | 5 – 7 Aug 2015 Fukuoka, Japan |

TEACHING

[Instructor]

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| GIS and Spatial Statistics | Summer 2023 KOSSDA |
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[Teaching Assistant]

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

DATA ANALYTICS TOOLS

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

PROFESSIONAL AFFILIATIONS

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| American Public Health Association (APHA) | Jul 2023 – Current |
| Association for Public Policy Analysis and Management (APPAM) | Mar 2023 – Current |

SERVICE

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| 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 |