

## Pyung Kim

Ph.D. Candidate and Brian J.L. Berry Scholar  
School of Economic, Political and Policy Sciences  
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<https://pyungkim.github.io/>

### EDUCATION

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University of Texas at Dallas	
• Doctoral Program in Public Policy and Political Economy	Aug 2021 – Current
• Research interests: health policy, climate policy, epidemiology, spatial econometrics, machine learning	Texas, USA
Yonsei University	
• Master of Public Administration (GPA of 4.12 / 4.3)	Mar 2018 – Feb 2020
• Thesis title: The Effect of Carbon Pricing – Evidence from the Korean Emission Trading Scheme	Seoul, Korea
• Committee: Hyonhoe Bae (Chair), Taejun Lah, Souman Hong	
Ajou University	
• Bachelor of Public Administration (GPA of 4.16 / 4.5)	Mar 2011 – Feb 2018
• Graduate with <i>Summa Cum Laude</i>	Suwon, Korea
Julius-Maximilians-Universität of Würzburg	
• Exchange Student	Sept 2016 – Aug 2017
	Würzburg, Germany

### EMPLOYMENT

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University of Texas at Dallas	Aug 2021 – Expected 2026
<i>Research / Teaching Assistant</i>	Texas, USA
Korea Social Science Data Archive (KOSSDA) at Seoul National University	Aug 2022 – Aug 2022
<i>Teaching assistant (for 40 hours summer program in spatial statistics and GIS)</i>	Seoul, Korea
Korea Institute of Public Administration (KIPA) under the Prime Minister's Office	Jul 2020 – Dec 2020
<i>Research Assistant</i>	Seoul, Korea
Yonsei University	Mar 2018 – Feb 2020
<i>Research / Teaching Assistant</i>	Seoul, Korea
Ajou University	Sept 2014 – Aug 2016
<i>Research / Teaching Assistant</i>	Suwon, Korea

### SCHOLARSHIPS

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Brian J.L. Berry Scholarship ( <i>funded by the University of Texas at Dallas</i> )	Aug 2021 – Current
• The highest honor of the doctoral program at the School of Economics, Political, and Policy Sciences	
• Additional stipend for 5 years (expected)	
UTD Graduate Studies Scholarship ( <i>funded by the University of Texas at Dallas</i> )	Aug 2021 – Current
• Scholarship and stipend for 5 years (expected)	
Brain Korea 21 PLUS Scholarship ( <i>funded by the National Research Foundation of Korea</i> )	Mar 2018 – Feb 2020
• Nationally competitive scholarship supporting graduate students	
• Stipend for 2 years	

YUPA Graduate Studies Scholarship ( <i>funded by Yonsei University</i> )	Mar 2018 – Feb 2020
• Scholarship for 2 years	
The Next Century Humanities Scholarship ( <i>funded by the Korea Student Aid Foundation</i> )	Mar 2015 – Feb 2018
• Nationally competitive scholarship supporting undergraduate students in social sciences	
• Scholarship and stipend for 3 years	
Teaching Assistantship ( <i>funded by Ajou University</i> )	Sept 2014 – Aug 2016
• Stipend for 2 years	
Merit-based Scholarship ( <i>funded by Ajou University</i> )	Sept 2014 – Aug 2014
• Scholarship for 1 semester	

## HONORS & AWARDS

<i>Summa Cum Laude</i>	Ajou University, 2018
Excellence Award in Undergraduate Research Project	Ajou University, 2015
Dean's list	Ajou University, 2015
Dean's list	Ajou University, 2014

## PUBLICATIONS

- [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. (Impact Factor=7.576, 95% in Economics)

## PUBLICATIONS (in Korean)

- [1] 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.
- [2] **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.

## UNDER REVIEW

- [1] "Understanding Habitats and Environmental Conditions of White-Tailed Deer Population Density and Public Health Data to Aid in Assessing Human Tick-Borne Disease Risk" (with Sarah Maxwell, Chris Brooks, Dohyeong Kim, Connie L. McNeely, and Kevin Thomas)

## WORKING PAPERS

- [1] "Health Inequalities of People with Disability: Barriers and Facilitators for Rehabilitation and Community Re-entry of Burn Injury Survivors" (with Dohyeong Kim and Richard Scotch)
- [2] "Think Globally, Act Locally? Role of Global Identity in Tackling Climate Change" (with Seoyong Kim and Dohyeong Kim)
- [3] "Deep Learning-based Asthma Risk Prediction using Real-Time Low-Cost Personal Monitoring data" (with Dohyeong Kim)

## WORK IN PROGRESS

- [1] "From Stick to Carrot: Evidence from Quasi-Experiment to Estimate the Effect of Carbon Pricing Policy on Manufacturing Firms in South Korea"
- [2] "Culture War during COVID-19 Pandemic: Analysis of Bestseller Authors' Tweets on COVID-19 Policies" (with Euel Elliot and Karl Ho)

- [3] "Politics of Culture War: Polarization, Social Media and Public Opinion" (with Euel Elliot, Karl Ho, John Eaton, Dohyo Jeong, Sruthi Suresh, and Aishwarya Tyagi)
- [4] "Spatial Disparities in Heat Illness: Implications for Climate Change Adaptation" (with Dohyeong Kim)

## RESEARCH PROJECTS

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| <p>[1] "Geospatial Community Mapping to Assess Social and Environmental Barriers and Facilitators for Burn Survivors"<br/> <i>Funded by National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR), Administration for Community Living, US Department of Health and Human Services</i><br/>           USD 483,532 (working with UT Southwestern Medical Center)<br/>           Karen Kowalske (PI at UTSW), Dohyeong Kim (PI at UTD), Richard Scotch (Co-PI at UTD)</p> | <p>Nov 2022 – Current<br/>           UT Dallas</p>          |
| <p>[2] "A Study on International Standards of SW Safety Assessment and Legal Arrangement of Domestic and Foreign Countries"<br/> <i>Funded by Software Policy &amp; Research Institute under the Korea Ministry of Science and ICT</i></p>  | <p>Aug 2020 – Nov 2020<br/>           KIPA</p>              |
| <p>[3] "An Analysis of the Local Government Social Welfare Budget"<br/> <i>Funded by Korea Ministry of Health and Welfare</i></p>   | <p>Jul 2018 – Aug 2018<br/>           Yonsei University</p> |
| <p>[4] "Analysis of national distrust structure of nuclear safety regulations and development of risk communication strategies for recovering trust"<br/> <i>Funded by Korea Foundation of Nuclear Safety</i></p>   | <p>Mar 2016 – Aug 2016<br/>           Ajou University</p>   |
| <p>[5] "Track and analyze the performance of technological development project for original research"<br/> <i>Funded by National Research Foundation of Korea</i></p>   | <p>Jul 2015 – Aug 2015<br/>           Ajou University</p>   |
| <p>[6] "Analysis of national distrust structure of nuclear safety regulations and development of risk communication strategies for recovering trust"<br/> <i>Funded by Korea Foundation of Nuclear Safety</i></p>   | <p>Jan 2015 – Aug 2015<br/>           Ajou University</p>   |

## CONFERENCE PRESENTATIONS

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| <p>[1] Think Globally, Act Locally? Role of Global Identity in Tackling Climate Change<br/> <i>Asian Conference on Crisisonomy (ACC)</i></p>  | <p>20 – 23 Jul 2022<br/>           Jeju, Korea</p> |
| <p>[2] Why Companies Voluntarily Disclose Environmental Information?<br/> <i>The Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA)</i></p>  | <p>17 – 18 Jul 2021<br/>           Online</p>      |
| <p>[3] An Analysis of the Determinants and Impacts of Digital Divide<br/> <i>The Korean Association for Policy Studies Annual Conference (KAPA)</i></p>   | <p>4 Dec 2020<br/>           Online</p>            |
| <p>[4] Information Disclosure as a Policy Tool: A Comparative Case Study of the Toxic Release Inventory (TRI) program in the United States and South Korea<br/> <i>The 5th National Conference of Graduate Students in Public Administration</i></p>  | <p>10 May 2019<br/>           Seoul, Korea</p>     |
| <p>[5] An Analysis of the Institutionalization Process of the 4<sup>th</sup> Industrial Revolution in South Korea: Historical Context, Political Situation, and Strategic Behavior of Bureaucrats<br/> <i>The 5th National Conference of Graduate Students in Public Administration</i></p> | <p>10 May 2019<br/>           Seoul, Korea</p>     |
| <p>[6] Impact of Goal Clarity on Corporate Environmental Performance: Focusing on the Voluntary Environmental Programs<br/> <i>The Korean Association for Local Government Studies Annual Conference</i></p>  | <p>9 Nov 2018<br/>           Busan, Korea</p>      |

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| [7] Does Experience Affect Judgement? Analyzing the Impact of Online Experience on Nuclear Risk Perception<br><i>26<sup>th</sup> Society for Risk Analysis (SRA) – Europe Annual Conference</i> | 19 – 21 June 2017<br>Lisbon, Portugal |
| [8] Who Are the Active Netizens? Focusing on The Role of the Policy Efficacy<br><i>2016 International Conference on Information and Social Science (ISS)</i>                                    | 24 – 26 June 2016<br>Sapporo, Japan   |
| [9] An Analysis of Perceived Health by Local Residents around Nuclear Power Station<br><i>2015 International Conference on Information and Social Science (ISS)</i>                             | 5 – 7 Aug 2015<br>Fukuoka, Japan      |

## TEACHING EXPERIENCE

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Methods of Quantitative Analysis in the Social and Policy Sciences • Introductory statistics course (TA)	Aug 2022 – Dec 2022 UT Dallas
GIS and Spatial Statistic • 40 hours summer program in spatial statistics and GIS (TA)	Aug 2022 – Aug 2022 Seoul National University
Quantitative Policy Analysis • Introductory microeconomics course for undergraduate students (TA)	Sept 2019 – Feb 2020 Yonsei University
Forecasting Methods and Applications • Introductory econometrics course (TA)	Mar 2018 – Aug 2018 Yonsei University
Introduction to Korean Government • Introductory public administration course (TA)	Sept 2017 – Feb 2018 Ajou University
Research Methods in Public Administration • Introductory research design course for social science (TA)	Mar 2016 – Aug 2016 Ajou University

## DATA ANALYSIS SKILLS

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Statistical data analysis packages (R, STATA, SPSS)  
Spatial data analysis packages (R, Arc GIS, QGIS, Geo Da, Tableau)

## SERVICE

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Graduate Student Assembly (Vice President) • Department of Public Administration at Yonsei University	Sept 2018 – Feb 2019 Yonsei University
Student Ambassadors • The Admission Office at Ajou University	Mar 2014 – Feb 2015 Ajou University