

# Taegyoon Kim

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**EMPLOYMENT**    **Ewon Assistant Professor**, School of Digital Humanities and Computational Social Sciences, KAIST, 2026–

**Assistant Professor**, School of Digital Humanities and Computational Social Sciences, KAIST, 2023–2026

**Joint Professor**, Graduate School of Data Science, KAIST, 2024–

**Postdoctoral Fellow**, Center for Science of Science and Innovation, Northwestern University, 2022–2023

**EDUCATION**    **Pennsylvania State University**, State College, PA, United States  
Ph.D. Political Science and Social Data Analytics, Aug 2022

**Seoul National University**, Seoul, Republic of Korea  
M.A. Political Science, Aug 2016

**Yonsei University**, Seoul, Republic of Korea  
B.A. Political Science and English Language & Literature, Aug 2013

**RESEARCH AREAS**    **Substantive:** Political Parties, Partisanship, Political Polarization

**Methodology:** NLP/Text-as-data, Network Analysis, Machine Learning, Statistical Modeling, Experiments

**PEER-REVIEWED PAPERS**    “A Benchmark Dataset for Evaluating Gender Sensitivity in Korean Political Discourse with LLMs” (with Sanghoun Song, Sunkyoung Park, Eunbi Cho, Chanyoung Jung, Woochang Kang, Eunah Park) 2025. [Scientific Data](#)

“Legacies of Party Origins on the Electoral Performance of Former Authoritarian Ruling Parties.” (with Wonjun Song) 2025. [Democratization](#).

“Is External Information Useful for Stance Detection with LLMs?” (with Quang Minh Nguyen) 2025. [Findings of the Association for Computational Linguistics](#)

“The Effects of Partisan Elites’ Violent Rhetoric on Support for Political Violence.” 2025. [Political Behavior](#).

“The National Network of U.S. State Legislators on Twitter.” (with Ishita Gopal, Nitheesha Nakka, Bruce Desmarais) 2024. [Political Science Research and Methods](#).

“Violent Political Rhetoric on Twitter.” 2023. [Political Science Research and Methods](#).  
\* *Recipient of 2021 John Sprague Award, Political Networks Section, APSA*

“Attention to the COVID-19 Pandemic on Twitter: Partisan Differences among U.S. State Legislators.” (with Nitheesha Nakka, Ishita Gopal, Bruce Desmarais, Abigail Mancinelli, Jeffrey Harden, Hyein Ko, Frederick Boehmke) 2022. [Legislative Studies Quarterly](#).

## **SELECTED WORKING PAPERS**

“Public Policymakers’ Online Anti-vaccine Statements: The Important Role of Engagement.” (with Xinyu Wang, Sarah Rajtmajer, Jeffrey Harden, Frederick Boehmke, Bruce Desmarais) [Revise and Resubmit](#).

“Networked Policy Diffusion in the U.S. States: The Case of COVID-19 Response.” (with Frederick Boehmke, Bruce Desmarais, Ishita Gopal, Jeffrey Harden, Samuel Harper, Johabed Olvera, Issac Polbert) [Revise and Resubmit](#).

“Rhetoric for the Win: The Strategic Use of Morality on Social Media” (with Juyeon Julia Park) [Under Review](#).

“How Does Toxicity Emerge in Political Livestreams? Large-Scale Evidence from Twitch” (with Sangyeon Kim, Hayden Arnold) [Under Review](#).

“Difficulty Perception in the Reasoning of LLMs” (with Quang Minh Nguyen) [Under Review](#).

“Uneven Automation: AI’s Impact on Software Tasks Varies by Difficulty and Data Availability” (with Myokyung Han, Jiwoon Hong, Taegyeon Kim, Jinhyuk Yun, Lanu Kim) [Under Review](#).

“Diffusion in a Time of Uncertainty: How the Determinants of State Policy Choices Changed During the Pandemic (with Frederick Boehmke, Bruce Desmarais, Jeffrey Harden, Samuel Harper, Hyein Ko, Johabed Olvera, Issac Polbert, Tracee Saunders, Taylor Tokos) [Under Review](#).

“Fighting for or Against Freedom? The Geopolitical Paradox of South Korea’s Impeached President (with Jiyoung Baek, Seungook Lee) [Under Review](#).

“Polarization and Science in Public Policymaking: An Analysis of U.S. Policy Documents” (with Alexander Furnas, Dashun Wang) [Manuscript Prepared](#).

## **TEACHING EXPERIENCE**

Natural Language Processing for Humanities and Social Sciences, Graduate, KAIST (Spring 2024, 2025, 2026)

Programming for Humanities and Social Sciences, Graduate, KAIST (Fall 2023, 2024, 2025)

Digital Media and Democracy, Undergraduate, KAIST (Fall 2023, 2024, 2025)

Research Design for Social Data Analytics, Undergraduate, Pennsylvania State University (Spring 2022)

## **STUDENTS ADVISED**

Master Advisees

- Jiyoung Mo, School of Digital Humanities and Computational Social Sciences, KAIST. 2026 Spring–
- Joohee Choi, School of Digital Humanities and Computational Social Sciences, KAIST. 2025 Spring–
- Hayden Arnold, School of Digital Humanities and Computational Social Sciences, KAIST. 2024 Fall–
- Quang Minh Nguyen, Graduate School of Data Science, KAIST. 2024 Fall–

Doctoral Advisees

- Jihwan Lim, Graduate School of Data Science, KAIST. 2023 Spring–

**CONFERENCE**

“Elite Narratives on Immigrants in South Korea.” (APSA 2024)

“Why Do Political Elites Use Moral Rhetoric? Analysis of U.S. Congress Members’ Twitter Communication.” (MPSA 2024, APSA 2024)

“Polarization and Science in Public Policymaking: An Analysis of U.S. Policy Documents.” (ICSSI 2023, MPSA 2024, APSA 2024, Science and Politics Symposium 2025)

“Public Policymakers’ Online Anti-vaccine Statements: the Important Role of Engagement.” (PolMeth 2022)

“The Effects of Partisan Elites’ Violent Rhetoric on Support for Political Violence.” (PolNet 2022, APSA 2022, JAWS 2022)

“Violent Political Rhetoric on Twitter.” (PaCSS/PolNet 2020, PolMeth 2020, APSA 2020, MPSA 2021)

“Attention to the COVID-19 Pandemic on Twitter: Partisan Differences among U.S. State Legislators.” (PolNet 2021)

**SKILLS &  
LANGUAGES**

Programming

- R, Python, Gephi, Stata, SQL, L<sup>A</sup>T<sub>E</sub>X.

Programming

- English (fluent), Korean (native).