

Junsol Kim

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EDUCATION

- 2021– **University of Chicago**
Ph.D. Candidate in Sociology
- 2019–2021 **Yonsei University**
M.A. in Sociology
- 2013–2019 **Yonsei University**
B.A. in Sociology & B.S. in Computer Science

EMPLOYMENT

- 2025– **Google, Paradigms of Intelligence Team**
Ph.D. Student Researcher
- 2021 **Kakao**
Machine Learning Engineer

PUBLICATIONS

*denotes equal contribution

- 2025 **Differential Impact From Individual Versus Collective Misinformation Tagging on the Diversity of Twitter (X) Information Engagement and Mobility**
Junsol Kim, Zhao Wang, Haohan Shi, Hsin-Keng Ling, James Evans
Nature Communications
- Linear Representations of Political Ideology Emerge in Large Language Models**
Junsol Kim, James Evans, Aaron Schein
International Conference on Learning Representations (ICLR)
Oral Presentation (Top 1%)
- 2024 **Evolving AI Collectives to Enhance Human Diversity and Enable Self-Regulation**
Shiyang Lai, Yujin Potter, Junsol Kim, Richard Zhuang, Dawn Song, James Evans
International Conference on Machine Learning (ICML)
- Hidden Persuaders: LLMs' Political Leaning and Their Influence on Voters**
Yujin Potter, Shiyang Lai, Junsol Kim, James Evans, Dawn Song
Empirical Methods in Natural Language Processing (EMNLP)
- 2021 **Neural and Social Correlates of Attitudinal Brokerage: Using the Complete Social Networks of Two Entire Villages**
Yoosik Youm, Junsol Kim, Seyul Kwak, Jeanyung Chey
Proceedings of the Royal Society B: Biological Sciences
- A Measure of Centrality in Cyclic Diffusion Processes: Walk-Betweenness**
Yoosik Youm, Byungkyu Lee, Junsol Kim
PLoS ONE
- 2020 **Similarity in Functional Brain Connectivity at Rest Predicts Interpersonal Closeness in the Social Network of an Entire Village**
Ryan Hyon, Yoosik Youm, Junsol Kim, Jeanyoung Chey, Seyul Kwak, Carolyn Parkinson
Proceedings of the National Academy of Sciences (PNAS)

WORK IN PROGRESS

AI-Augmented Surveys: Leveraging Large Language Models and Surveys for Opinion Prediction

Junsol Kim, Byungkyu Lee. *Under Review*

Biased AI Improves Human Decision-Making But Reduces Trust

Shiyang Lai, Junsol Kim, Nadav Kunievsky, Yujin Potter, James Evans. *Under Review*

Reasoning Models Generate Societies of Thought

Junsol Kim, Shiyang Lai, Nino Scherrer, Blaise Aguera y Arcas, James Evans. *Working Paper*

Scientific Misinterpretation and Information Laundering in Policymaking

Junsol Kim, Haohan Shi, James Evans. *Working Paper*

Rethinking Demographic Prompts for Simulating Human Responses: Open-Ended Survey Responses

Improve Large Language Model Predictions of Voting Behavior

Junsol Kim, Byungkyu Lee. *Working Paper*

HONORS AND AWARDS

2025	Rising Stars in Data Science , Stanford University, University of Chicago, University of California San Diego
2025	Henderson Research Fund, University of Chicago
2024	6th University Machine Learning Competition Award (Top 2), eBay
2023	Wing C. Chan and Angelina H. Li Pre-Dissertation Fund, University of Chicago
2023	Departmental Travel Award, University of Chicago
2021	Social Science Fellowship, University of Chicago
2020	National Brain Korea Fellowship, Korea Ministry of Education
2019	Melon Playlist Continuation Challenge Award (Top 2), Kakao
2019	Big Data Analysis Challenge Award (Top 1), Yonsei University
2019	Interdisciplinary Research Grant, Yonsei University
2018	Best Undergraduate Project in Computer Science (Top 1), Yonsei University

TALKS

Linear Representations of Political Ideology Emerge in Large Language Models

- Oral Presentation (Top 1%), *ICLR 2025*
- Oral Presentation, *IC2S2 2025*
- Oral Presentation, *PolMeth 2025*

AI-Augmented Surveys: Leveraging Large Language Models and Surveys for Opinion Prediction

- Oral Presentation, *Generative AI and Sociology Workshop*, Yale University
- Oral Presentation, *ASA 2023*
- Oral Presentation, *IC2S2 2023*
- Invited Talk, *Chicago Culture Lab*, University of Chicago
- Invited Talk, *Computational Methods Research Group*, University of Wisconsin-Madison
- Invited Talk, *Computational Social Science Seminar*, University of Iowa

Rethinking Demographic Prompts for Simulating Human Responses: Open-Ended Survey Responses Improve Large Language Model Predictions of Voting Behavior

- Oral Presentation, *Artificial Intelligence and Social Science Workshop*, Nuffield College, University of Oxford

Individual Misinformation Tagging Reinforces Echo Chambers; Collective Tagging Does Not

- Poster Presentation, *IC2S2 2025*
- Poster Presentation, *Plurality Research Network Conference 2023*

RESEARCH EXPERIENCE

2025	Ph.D. Student Researcher, <i>Google, Paradigms of Intelligence Team</i>
2021–Now	Ph.D. Student Researcher, <i>Knowledge Lab, University of Chicago</i>
2024	Visiting Graduate Fellow, <i>UCLA IPAM</i>
2013–2021	Research Assistant, <i>Social Networks & Neuroscience Lab, Yonsei University</i>

TEACHING EXPERIENCE

University of Chicago

Spring 2024	Thinking through Deep Learning (TA for James Evans)
Spring 2023	Applications of Hierarchical Linear Models (TA for Stephen Raudenbush)
Winter 2023	Statistical Methods of Research (TA for Stephen Raudenbush)
Fall 2021	Computational Text Analysis (TA for James Evans)

Yonsei University

Autumn 2020	Network Theories and Analyses (TA for Yoosik Youm)
Autumn 2020	Governance and Social Network Analysis (TA for Yoosik Youm)

SERVICE

- Assistant Editor: American Journal of Sociology
- Reviewer: American Sociological Review, American Journal of Sociology, Sociological Methods & Research, Journal of Computational Social Science, ICLR 2026, ICLR 2025, ICML 2026, IC2S2 2025

REFERENCES

Available upon request