Junsol Kim
Curriculum Vitae

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Education

2021–Current	Ph.D. Candidate in Sociology, University of Chicago
	Committee: James Evans (chair), Christopher Bail,
	Michael Bernstein, Bernard Koch
2021–2023	M.A. in Sociology, University of Chicago
2019–2021	M.A. in Sociology, Yonsei University
2013–2019	B.A. in Sociology & B.S. in Computer Science, Yonsei University

Professional Experience

2025	Student Researcher, Google
2021	Machine Learning Engineer, Kakao

Peer-reviewed Articles

Junsol Kim, James Evans, Aaron Schein. "Linear Representations of Political Ideology Emerge in Large Language Models." In Proceedings of the ***ICLR 2025 (Oral)***.

Junsol Kim, Zhao Wang, Haohan Shi, Hsin-Keng Ling, James Evans. (2025). "Differential impact from individual versus collective misinformation tagging on the diversity of Twitter (X) information engagement and mobility." ***Nature Communications***, 16(1), 973.

Shiyang Lai, Yujin Potter, **Junsol Kim**, Richard Zhuang, Dawn Song, James Evans. (2024). "Evolving AI Collectives to Enhance Human Diversity and Enable Self-Regulation." In Proceedings of the ***ICML 2024*** (pp. 25892-25912).

Yujin Potter, Shiyang Lai, **Junsol Kim**, James Evans, Dawn Song. (2024). "Hidden Persuaders: LLMs' Political Leaning and Their Influence on Voters." In Proceedings of the ***EMNLP 2024*** (pp. 4244-4275).

Yoosik Youm, **Junsol Kim**, Seyul Kwak and Jeanyung Chey. (2021). "Neural and Social Correlates of Attitudinal Brokerage: Using the Complete Social Networks of Two Entire Villages." ***Proceedings of the Royal Society B: Biological Sciences***, 288(1944), 20202866.

Yoosik Youm, Byungkyu Lee, **Junsol Kim**. (2021). "A Measure of Centrality in Cyclic Diffusion Processes: Walk-Betweenness." ***PLoS ONE***, 16(1), e0245476.

Ryan Hyon, Yoosik Youm, **Junsol Kim**, Jeanyoung Chey, Seyul Kwak, and Carolyn Parkinson. (2020). "Similarity in Functional Brain Connectivity at Rest Predicts Interpersonal Closeness in the Social Network of an Entire Village." ***Proceedings of the National Academy of Sciences***, 117(52), 33149-33160.

Working Papers

Shiyang Lai, **Junsol Kim**, Nadav Kunievsky, Yujin Potter, James Evans. "Biased AI improves human decision-making but reduces trust." *Under Review*

Junsol Kim, Byungkyu Lee. "AI-Augmented Surveys: Leveraging Large Language Models and Surveys for Opinion Prediction." *Under Review*

Conference Presentations

"Individual Misinformation Tagging Reinforces Echo Chambers; Collective Tagging Does Not." • *IC2S2 2025, 2023 Plurality Research Network Conference*

"Linear Representations of Political Ideology Emerge in Large Language Models." • *ICLR 2025, IC2S2 2025, PolMeth 2025*

"AI-Augmented Surveys: Leveraging Large Language Models for Opinion Prediction in Nationally Representative Surveys." • *ASA 2023, IC2S2 2023, Generative AI and Sociology Workshop 2024*

"The Diffusion of Fake News in Policy." • *ICSSI 2023*

Awards and Fellowships

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
2023	Social Science Fellowship, University of Chicago
2019–2020	National Brain Korea Fellowship, Korea Ministry of Education
2019	Melon Playlist Continuation Challenge Award (Top 2), Kakao Corp
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
2017	Poster Award, Autumn Conference of Korean Society for Preventive Medicine
2017	Policy Paper Award, Korea Ministry of Health and Welfare

Research Experience

2021–Current	Doctoral Researcher, Knowledge Lab, University of Chicago
2024	Visiting Graduate Fellow, UCLA IPAM
2013–2021	Research Assistant, Social Networks & Neuroscience Lab, Yonsei University

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)

Skills

- Coding: Python, R, Java
- Deep Learning: Pytorch, Tensorflow, Huggingface Transformers
- Large Language Model: Finetuning, Mechanical Interpretation (e.g., probing)
- Neuroimaging Analyses: fMRI, Brain Network Analysis
- Causal Inference: (Quasi-)Experiments, Observational Causal Inference

Service

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