Junsol Kim

Curriculum Vitae
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Department of Sociology
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Education

2021–2027 (expected)	Ph.D. Candidate in Sociology, University of Chicago
2021–2023	M.A. in Sociology, University of Chicago
2019–2021	M.A. in Sociology, Yonsei University
2013–2019	B.A., Sociology & B.S., Computer Science, Yonsei University

Employment

2025–2026	Student Researcher, Google

Fields of Interest

Sociology of Knowledge, Political Sociology, Computational Social Science, Large Language Models, Social Networks

Publications (**: equal contribution*)

Peer-Reviewed Articles

Forthcoming — Kim, Junsol and Byungkyu Lee. "AI-Augmented Surveys: Leveraging Large Language Models and Surveys for Opinion Prediction." ***Sociological Methodology***.

2025 — Kim, Junsol, Zhao Wang, Haohan Shi, Hsin-Keng Ling, and James Evans. "Differential Impact From Individual Versus Collective Misinformation Tagging on the Diversity of Twitter (X) Information Engagement and Mobility." ***Nature Communications***.

2025 — Kim, Junsol, James Evans, and Aaron Schein. "Linear Representations of Political Perspective Emerge in Large Language Models." *International Conference on Learning Representations (**ICLR**)*. Oral Presentation (Top 1.8%).

2025 — Sung, Kiho, Junsol Kim, Yeong-Ran Park, Hyeon Chang Kim, and Yoosik Youm. "Discordance in Gender Role Attitudes Between Spouses and Its Relationship With the Risk Biomarkers of Cardiovascular Diseases: A Couple-Level Analysis." ***Scientific Reports***.

2024 — Lai, Shiyang, Yujin Potter, Junsol Kim, Richard Zhuang, Dawn Song, and James Evans. "Evolving AI Collectives to Enhance Human Diversity and Enable Self-Regulation." *International Conference on Machine Learning (**ICML**)*.

2024 Potter, Yujin, Shiyang Lai, Junsol Kim, James Evans, and Dawn Song. "Hidden Persuaders: LLMs' Political Leaning and Their Influence on Voters." *Empirical Methods in Natural Language Processing (**EMNLP**)*.

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

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

2020 Hyon, Ryan, Yoosik Youm, Junsol Kim, Jeanyung Chey, Seyul Kwak, and Carolyn Parkinson. "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 of the United States of America (**PNAS**)*.

2020 Park, Kyungmee, Daol Cho, Eun Lee, Junsol Kim, Jee-Seon Shim, Yoosik Youm, Suk Kyoon An, Kee Namkoong, and Hyeon Chang Kim. "Sex Differences in the Association Between Social Relationships and Insomnia Symptoms." ***Journal of Clinical Sleep Medicine***.

2020 Park, Sungjong, Kyungmee Park, Jee-Seon Shim, Yoosik Youm, Junsol Kim, Eun Lee, and Hyeon Chang Kim. "Psychosocial Factors Affecting Sleep Misperception in Middle-Aged Community-Dwelling Adults." ***PLoS ONE***.

2019 Bang, Minji, Junsol Kim, Suk Kyoon An, Yoosik Youm, Jeanyung Chey, Hyeon Chang Kim, Kyungmee Park, Kee Namkoong, and Eun Lee. "Associations of Systemic Inflammation with Frontotemporal Functional Network Connectivity and Out-Degree Social-Network Size in Community-Dwelling Older Adults." ***Brain, Behavior, and Immunity***.

2019 Kim, Hairin, Seyul Kwak, Junsol Kim, Yoosik Youm, and Jeanyung Chey. "Social Network Position Moderates the Relationship Between Late-Life Depressive Symptoms and Memory Differently in Men and Women." ***Scientific Reports***.

Peer-Reviewed Articles (Korean)

2017 Kim, Junsol, Yoosik Youm, and Ji Hyeong Yoo. "Predicting the Growth of Official Facebook Pages of Korean News Media: Based on a Network Analysis Using the Population Ecology Model." ***New Physics: Sae Mulli***.

Book Chapters

2023 Youm, Yoosik and Junsol Kim. "Social Network Positions and Health Status in Older Adults." In *Society Within the Brain: How Social Networks Interact with Our Brain, Behavior, and Health as We Age*, pp. 50–68. Cambridge University Press.

2023 Youm, Yoosik and Junsol Kim. "Social Network and the Brain." In *Society Within the Brain: How Social Networks Interact with Our Brain, Behavior, and Health as We Age*, pp. 217–230. Cambridge University Press.

Works in Progress (**: equal contribution*)

Under Review

Kim, Junsol, Shiyang Lai, Nino Scherrer, Blaise Agüera y Arcas, and James Evans. "Reasoning Models Generate Societies of Thought." ***Nature***, Under Review.

Lai, Shiyang, Junsol Kim*, Nadav Kunievsky*, Yujin Potter*, and James Evans. "Biased AI Improves Human Decision-Making But Reduces Trust." ***Nature***, Under Review.

Working Papers

Kim, Junsol, Haohan Shi, and James Evans. "Scientific Misinterpretation and Information Laundering in U.S. Policy."

Kim, Junsol, Winnie Street, Roberta Rocca, Diane M. Korngiebel, Adam Waytz, James Evans*, and Geoff Keeling*. "Theory of Mind and Self-Attributions of Mentality are Dissociable in LLMs."

Grants, Fellowships, and Awards

2025	Rising Stars in Data Science, Stanford University, University of Chicago, UCSD
2025	Henderson Research Fund, University of Chicago
2023	Wing C. Chan and Angelina H. Li Pre-Dissertation Fund, University of Chicago
2021	Social Science Fellowship, University of Chicago

Presentations

Invited Talks

2026	Quantitative Methods Workshop, University of Chicago
2026	Quantitative and Computational Methods Workshop, Northwestern University
2024	Chicago Culture Lab, University of Chicago
2024	Computational Methods Research Group, University of Wisconsin-Madison
2024	Computational Social Science Seminar, University of Iowa

Conference Presentations (ASA: American Sociological Association; ICLR: International Conference on Learning Representations; ICSSI: International Conference on the Science of Science & Innovation; IC2S2: International Conference on Computational Social Science; PolMeth: Society for Political Methodology)

Kim, Junsol, Haohan Shi, and James Evans. "Scientific Misinterpretation and Information Laundering in U.S. Policy." • ASA Annual Meeting 2026 (Oral) • ICSSI 2026 (Oral)

Kim, Junsol, Shiyang Lai, Nino Scherrer, Blaise Agüera y Arcas, and James Evans. "Reasoning Models Generate Societies of Thought." • IC2S2 2026 (Oral) • AI for Social Science Research Methods 2026, Yale University (Oral)

Kim, Junsol, James Evans, and Aaron Schein. "Linear Representations of Political Ideology Emerge in Large Language Models." • ICLR 2025 (Oral, Top 1.8%) • IC2S2 2025 (Oral) • PolMeth 2025 (Oral)

Kim, Junsol and Byungkyu Lee. "AI-Augmented Surveys: Leveraging Large Language Models and Surveys for Opinion Prediction." • Generative AI and Sociology Workshop 2024, Yale University (Oral) • ASA Annual Meeting 2023 (Oral) • IC2S2 2023 (Oral)

Kim, Junsol. "Rethinking Demographic Prompts for Simulating Human Responses." • Artificial Intelligence and Social Science Workshop, Nuffield College, University of Oxford (Oral)

Kim, Junsol, Zhao Wang, Haohan Shi, Hsin-Keng Ling, and James Evans. "Individual Misinformation Tagging Reinforces Echo Chambers; Collective Tagging Does Not." • IC2S2 2025 (Poster) • Plurality Research Network Conference 2023 (Poster)

Research Experience

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

Teaching

Courses at University of Chicago (Teaching Assistant)

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

Courses at Yonsei University (Teaching Assistant)

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

Service

Editorial

Assistant Editor. *American Journal of Sociology*

Reviewer

American Sociological Review, *American Journal of Sociology*, *Sociological Methods & Research*, *Science Advances*, *Journal of Computational Social Science*, *NeurIPS 2026*, *ICLR 2026*, *ICLR 2025*, *ICML 2026*, *ICML 2025*, *IC2S2 2025*

Media Coverage

VentureBeat, "AI Models That Simulate Internal Debate Dramatically Improve Accuracy" (on *Reasoning Models Generate Societies of Thought*).

References

Available upon request.