

LANU KIM

Assistant Professor
School of Humanities and Social Sciences at KAIST

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RESEARCH INTERESTS

Computational Social Science; Science of Science; Sociology of Knowledge; Data Science; Big Data; Gender; Inequality; Social Network Analysis; Technology and Society

ACADEMIC POSITIONS

Assistant Professor, 2021-, School of Humanities and Social Sciences, KAIST

Joint Professor, 2021-, School of Computing, KAIST

EDUCATION

Postdoctoral Fellow, 2018–2021, Graduate School of Education, Stanford University

Ph.D., 2018, Sociology, University of Washington

- Dissertation Title: “The Impact of Technology on Work Practice”
 - Committee: Kyle Crowder (Sociology), Jerald Herting (Sociology), Jevin West (Information School)
- Certificate in Concentration in Social Statistics, Center for Statistics and the Social Sciences

M.A., 2014, Sociology, University of Washington

B.A., 2007, Sociology and Economics, Seoul National University

PUBLICATIONS

- **Kim, Lanu**, Sanne Smith, Linus Dahlander, and Daniel A. McFarland. 2022. “Networking a career: Individual adaptation in the network ecology of faculty.” *Social Networks* (online).
- **Kim, Lanu**, Daniel Scott Smith, Bas Hofstra, and Daniel A. McFarland. 2022. “Gendered Knowledge in Fields and Academic Careers.” *Research Policy* 51(1).
- Risi, Stephan, Mathias W. Nielsen, Emma Kerr, Emer Brady, **Lanu Kim**, Daniel A. McFarland, Dan Jurafsky, James Zou, and Londa Schiebinger. 2022. “Diversifying history: A large-scale analysis of changes in researcher demographics and scholarly agendas.” *PloS one* 17(1): e0262027.
- **Kim, Lanu**. 2021. “Geographical Locations of Occupations and Information and Communication Technology: Do Online Tools Impact Where People in the U.S. Live and Work?” *Sage open*.
- Hansen, Ryan N., Basil Matthew Saour, Brian Serafini, Blake Hannaford, **Lanu Kim**, Takayoshi Kohno, Ryan James, Wayne Monsky, and Stephen P. Seslar. 2021. “Opportunities and Barriers to Rural Telerobotic Surgical Health Care in 2021: Report and Research Agenda from a Stakeholder Workshop.” *Telemedicine and e-Health*. (Published online.)
- Yoon, Soo-Yeon, Sojung Lim, and **Lanu Kim**. 2021. “Labour Market Uncertainty and the Economic Foundations of Marriage in South Korea.” *Asian Population Studies*. (Published online.)
- **Kim, Lanu**, Christopher Adolph, Jevin West, and Katherine Stovel. 2020. “The Influence of Changing Marginals on Measures of Inequality in Scholarly Citations: Evidence of Bias and a Resampling Correction.” *Sociological Science* 7:314-341.

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- **Kim, Lanu**, Jason Portenoy, Jevin West, and Katherine Stovel. 2020. “Scientific Journals Still Matter in the Era of Academic Search Engines and Preprint Archives.” *Journal of the Association for Information Science and Technology* 71(10):1218-1226.
 - **Kim, Lanu**, Sue-yeon Song. 2020. “Is Korean Academia Unique?: Comparison of Knowledge Discourses between Korean and International Sociology.” *Korean Journal of Sociology* 54(4):1-40. (in Korean)
 - Shin, Solee and **Lanu Kim**. 2020. “Chaebol’s Turn to Service: Rise of a Korean Service Economy and the Dynamics of Self-Employment and Wage Work.” *Journal of Contemporary Asia* 50(3):433-456.
 - Shin, Solee and **Lanu Kim**. 2013. “Organizing K-pop: Emergence and Market Making of Large Korean Entertainment Houses, 1980-2010.” *East Asia* 30(4):255-272.
 - Chang, Dukjin, **Lanu Kim**, and Kiwoong Park. 2012. “The Political Economic Approach on Voting Behaviors in the 17th Korean Assembly Using NOMINATE Analysis.” *Korean Journal of Sociology* 46(1):1-23. [In Korean]
 - **Kim, Lanu**. 2010. “A Study of Change in Residence Stability through Analyzing Home-Ownership Rates: A Case Study in Seoul, Republic of Korea, 1985-2005.” *Seoul Studies* 11(1):43-59. [In Korean]

WORKS IN PROGRESS

In Preparation:

- **Kim, Lanu**, Bas Hofstra, and Sebastian Galvez. “Differential Return on Performance Persists the Gender Pay Gap among Faculty in the Public University System.” [draft ready]
- **Kim, Lanu**, Christopher Adolph, Jason Portenoy, Jevin West, and Katherine Stovel. “Does Field Expertise Diminish Reliance on Internet Searches?”
- **Kim, Lanu**, Christopher Adolph, Jevin West, and Katherine Stovel. “Identifying Marginal Bias on Measures of Inequality.”
- Kulkarni, Vivek, **Lanu Kim**, Daniel McFarland. “Modeling Tie Dynamics in Ideational Spaces of Scientific Fields – A Network Theoretic Approach.” [draft ready]

AWARDS AND GRANTS

- Data Science Scholar, Stanford University, 2020-2021.
- “Planning for the Future of Rural Telerobotic Surgical Healthcare,” 2020-2021, NSF Grant ID: 2025814; Stephen Seslar (PI), Blake Hannaford (Co-PI), and Tadayoshi Kohno (Co-PI). Role: Consultant.
- “Search Engines Impact on How Scientists Cite,” 2019-2020, Metascience Research Grant, funded by Fetzer Franklin Fund. Role: PI.
- “Echo Chambers in Science? The Impact of Academic Recommender Systems on the Dissemination of Scientific Knowledge,” 2017-2020, NSF Grant ID: 1735194; Katherine Stovel (PI) and Jevin West (Co-PI). Role: Research Assistant.
- Fulbright Graduate Study Fellowship, 2011-2013.
- Best Paper Award, Korean Sociological Association, 2013, “The Political Economic Approach on Voting Behaviors in the 17th Korean Assembly Using NOMINATE Analysis.”

PRESENTATIONS (SELECTED)

- “Rediscovering Aristotle: Are We Creating New Science or Repackaging Old Science?” Paper presented at the Annual Meeting of American Sociological Association, August 2020, virtually.

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- “Scientific Journals Still Matter in the Era of Academic Search Engines and Preprint Archives.” Paper presented at the Metascience 2019 Symposium, September 2019, Stanford, CA.
 - “Gender Embodiment in Research and its Influence on Academic Careers.” Paper presented at the Annual Meeting of the American Sociological Association, August 2019, New York, NY.
 - “Echo Chambers in Science?” Paper presented at the Annual Meeting of the American Sociological Association, August 2017, Montreal, Canada.
 - “Socioeconomic Status and the Transition to First Marriage in South Korea.” Paper presented at the Annual Meeting of the Pacific Sociological Association, March 2017, Portland, OR.
 - “Do Tech Jobs Support Cities as Manufacturing Did?: Comparison on Occupation Structure Between 1970 and 2014 in the United States.” Paper presented at the Annual Meeting of the American Sociological Association, August 2016, Seattle, WA.
 - “What Makes Union Strong: A Network Perspective on Union Bargaining Power.” Paper presented at the Annual Meeting of the American Sociological Association, August 2014, San Francisco, CA.
 - “Chaebol’s Turn to Service: Retail Concentration and Fate of the Korean Self-Employed After the 1997 Asian Financial Crisis.” Paper presented at the 26th Annual Conference of the Society for the Advancement of Socio-Economics, June 2014, Chicago, IL.
 - “Organizing K-pop: Emergence and Market Making of Large Korean Entertainment Houses, 1980-2010.” Paper presented at the Annual Meeting of the Pacific Sociological Association, March 2014, Portland, OR.

TEACHING AND CONSULTING EXPERIENCE

Teaching Assistant

Sociology and Statistics Department, University of Washington

2013–2017

- Case-Based Social Statistics (Dept. of Sociology and Center for Statistics and the Social Sciences)
- Statistical Concepts and Methods for the Social Sciences (Dept. of Sociology)
- Survey of Sociology (Dept. of Sociology)
- Social Problems (Dept. of Sociology)
- Basic Statistics (Statistics)

Statistical Advisor, Research Methodology in Social Science Projects

College of Social Sciences, Seoul National University

2010–2011

- Advisor on statistical problems and research design for graduate and undergraduate students.
- Lecturer on quantitative methodology using Stata.

SKILLS

Software

- R, Stata, SQL, SPSS, LaTeX

Languages

- English (proficient); Korean (native); Japanese (Intermediate)

REFERENCES

Daniel A. McFarland
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Department of Sociology
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