

Nanum Jeon

Curriculum Vitae

Department of Sociology
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EDUCATION

- Ph.D. Department of Sociology, University of California, Los Angeles, 2026 (expected)
Dissertation: *Exploring Employment Patterns, Family Disruption, and Gender Inequality*
Committee: Jennie E. Brand (chair), Ian Lundberg, Natasha Quadlin, Wei-hsin Yu, Xiaow Dai
- M.A. Department of Statistics and Data Science, University of California, Los Angeles, 2026 (expected)
- M.A. Department of Sociology, University of California, Los Angeles, 2021
- M.A. School of Public Policy, University of Tokyo, 2017
- B.A. Department of Sociology, Ewha Womans University, 2015

PUBLICATIONS

Peer Reviewed Journal Articles

- 2026 **Jeon, Nanum** and Jennie E. Brand. Causal machine learning: A deductive-inductive framework for sociological research. *Cologne Journal of Sociology and Social Psychology*.
- 2023 **Jeon, Nanum.**, Swapping gender traditionalism: Christianity, Buddhism, and gender ideology in South Korea. *Journal for the Scientific Study of Religion*, 62(2):336-358.
- 2022 Lundberg, Ian, Jennie E. Brand, and **Nanum Jeon.**, Researcher reasoning meets computational capacity: Machine learning for social science. *Social Science Research*, 108: 102807.
- 2022 Quadlin, Natasha, **Nanum Jeon**, Long Doan, and Brian Powell., Untangling perceptions of atypical parents. *Journal of Marriage and Family*, 84(4): 1175-1195.

In Submission

- Jeon, Nanum** and Jennie E. Brand., Differential effects of completing college in reducing COVID-19 job loss by race and skin color (revise & resubmit) *Demography*
- Xu, Jiahui, Jennie E. Brand, Tanvi Shinkre, and **Nanum Jeon.**, Flexibly detecting effect heterogeneity with an application to the effects of college on reducing poverty (revise & resubmit) *Sociological Methods & Research*

Heuveline, Patrick and **Nanum Jeon.**, Estimating multi-annual excess deaths: A formula and an application to the chronic U.S. mortality disadvantage, 1956-2023. (revise & resubmit) *Demographic Research*

Jeon, Nanum., Trajectory stratification through market, family, and state: Divorce as a turning point among U.S. women. (first round review) *American Sociological Review*

Jeon, Nanum., The relational dimension of employment instability: Wage penalties across cohorts and gender. (first round review) *American Sociological Review*

In Preparation

Jeon, Nanum., Beyond description: Causal inference for life-course trajectories using sequence analysis and g-computation. *Sociological Methods & Research*

Jeon, Nanum, et al., Women's employment and family trajectories shape health unequally in later life across welfare regimes. *Proceedings of the National Academy of Sciences*

Lundberg, Ian, **Nanum Jeon,** and Hao Liang., The causal effect of volatility: Estimation by marginal structural models. *Sociological Methods & Research*

FELLOWSHIPS, HONORS & AWARDS

2025	Rising Stars in Data Science Workshop, Stanford University
2025	Population and Social Data Science Summer Incubator Program Fellow, Max Planck Institute for Demographic Research
2025	Student Paper Award Honorable Mention, ASA Section on Sociology of Religion
2024-2025	Dissertation Year Award, UCLA
2021-2025	Service Award, Sociology, UCLA
2019-2024	Kwanjeong Overseas Scholarship, Kwanjeong Educational Foundation
2023-2024	Dissertation Fellowship, Department of Sociology, UCLA
2023	Donald J. Treiman Research Fellowship, California Center for Population Research, UCLA
2021	Kawahara Fellowship, Terasaki Center for Japanese Studies, UCLA

INVITED TALKS

2025	Sequence analysis with g-computation, Sequence Analysis Association, September 18.
2025	Longitudinal causal inference using sequence analysis and machine learning, Methodology Working Group, University of Pennsylvania, April 25

CONFERENCE ACTIVITY

Panels Organized

- 2025 Women's labor supply, maintenance, exit, and consequences in family, American Sociological Association, Chicago, IL, August 8-12.
- 2025 Workplace support, gender norms, and work-family balance in policy and practice, American Sociological Association, Chicago, IL, August 8-12.
- 2025 Gendered patterns of social inequality and mobility, Research Committee on Social Stratification (RC28), Los Angeles, CA, August 4-7.

Papers

- 2025 **Jeon, Nanum.**, Divorce as a turning point: Trajectory stratification in employment, remarriage, and welfare receipt among divorced women facing economic risks in the U.S. welfare state, American Sociological Association, Chicago, IL, August 8-12.
- 2025 **Jeon, Nanum.**, Deep-learning based g-computation for life course sociology, Mid-year American Sociological Association Methodology Section Conference, Philadelphia, PA, May 16-17.
- 2024 **Jeon, Nanum** and Jennie E. Brand., College and skin tone stratification: The heterogeneous effects of college on COVID-19 job loss, American Sociological Association, Montreal, Canada, August 9-13.
- 2024 Lundberg, Ian, **Nanum Jeon**, and Hao Liang., The causal effect of volatility: Estimation by marginal structural models, American Sociological Association, Montreal, Canada, August 9-13.
- 2024 **Jeon, Nanum.** Natural course scenario prediction task for dynamic treatment effects modeling with R-Transformer, International Conference on Computational Social Science, Philadelphia, PA, July 18-20.
- 2024 Heuveline, Patrick and **Nanum Jeon.**, Post-pandemic trends and cumulative impact of the U.S. mortality disadvantage, 1956-2022: A research note, Population Association of America, Columbus, OH, April 17-20.
- 2023 **Jeon, Nanum.** The impact of college degrees in reducing COVID-era labor market racial disparities, Research Committee on Social Stratification (RC28), Ann Arbor, MI, August 14-17.
- 2023 **Jeon, Nanum.** U.S. women's heterogeneous employment patterns across the life course after divorce, Research Committee on Social Stratification (RC28), Paris, France, May 24-26.

Posters

- 2025 **Jeon, Nanum.** Divorce as a turning point: Trajectory stratification in employment, remarriage, and welfare receipt among divorced women facing economic risks in the U.S. welfare state, Population Association of America, Washington, D.C., April 10-13.
- 2024 Lundberg, Ian, **Nanum Jeon**, and Hao Liang., The causal effect of volatility: Estimation by marginal structural models, American Causal Inference Conference, Seattle, WA, May 14-17.

- 2023 **Jeon, Nanum.** The impact of college degrees in reducing COVID-era labor market racial disparities, All-UC Demography Conference, Irvine, CA, May 4-5.
- 2023 **Jeon, Nanum** and Jennie E. Brand., The impact of college degrees in reducing COVID-era labor market racial disparities, Population Association of America, New Orleans, LA, April 12-15.
- 2022 **Jeon, Nanum.** Gender ideology, religious affiliation, and subjective religiosity in South Korea, Population Association of America, Atlanta, GA, April 6-9.

TEACHING EXPERIENCE

University of California, Los Angeles, Teaching Assistant

Sociology of Education (spring 2023)

Sociology of Occupations and Professions (winter 2023)

Sociology of Gender (fall 2021)

PROFESSIONAL SERVICE

Peer Review

Occasional Reviewer, *Socius*, 2025

Occasional Reviewer, *Sociological Methodology*, 2026

To University

Coordinator, Social Stratification, Inequality, and Mobility Working Group, UCLA, 2023-2025

Coordinator, Family Working Group, UCLA, 2021-2023

Organizing Committee, Summer Institute in Computational Social Science, UCLA, 2023

Junior Faculty Search Committee, Graduate Student Representative, UCLA, 2023-2024

To Community

Diversity, Equity, and Inclusion Committee, American Sociological Association Section for Mathematical Sociology, Graduate Student Representative, 2023-2025

Organizing Committee, Research Committee on Social Stratification (RC28), UCLA, 2025

Instructor, Summer Institute in Computational Social Science (SICSS), UCLA, 2023-2024

Coordinator, Inequality Data Science Lab, 2022-2024

PROFESSIONAL ASSOCIATIONS

American Sociological Association, 2022-present

Population Association of America, 2022-present

International Sociological Association Research Committee 28 on Social Stratification (RC28), 2022-present

Association of Korean Sociologists in America, 2022-present

LANGUAGES

Korean: Native

English: Advanced reading, listening, writing, speaking

Japanese: Advanced reading, listening

REFERENCES

Jennie E. Brand, Professor

Department of Sociology

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Ian Lundberg, Assistant Professor

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