NANUM JEON

Department of Sociology
Department of Statistics and Data Science
University of California, Los Angeles
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EDUCATION

Ph.D. in Sociology — 2026 (Expected)
University of California, Los Angeles — Los Angeles, USA
Advisor: Jennie E. Brand
Dissertation: Exploring Employment Patterns, Family Disruption, and Gender Inequality
Committee: Jennie E. Brand (Chair), Ian Lundberg, Natasha Quadlin, Wei-hsin Yu, Xiaowu Dai (Statistics and Data Science)

M.S. in Statistics and Data Science — 2026 (Expected)
University of California, Los Angeles — Los Angeles, USA
Advisor: Mark S. Handcock

M.A. in Sociology — 2021
University of California, Los Angeles — Los Angeles, USA

M.A. in Public Policy — 2017
University of Tokyo — Tokyo, Japan

B.A. in Sociology, Honors Program (Society & Justice) — 2015
Ewha Womans University — Seoul, South Korea
Exchange Semester at Sciences Po Lille, France

RESEARCH INTERESTS

Social Stratification & Inequality, Demography, Statistics & Data Science, and U.S. & East Asia

My research examines social stratification and inequality across the life course, with a focus on disruptive events and both inter- and intra-group heterogeneity. I develop and apply statistical, demographic, and machine learning methods to advance my research agenda, with an emphasis on causal inference.

PEER-REVIEWED PUBLICATIONS

Jeon, Nanum. 2023. "Swapping gender traditionalism: Christianity, Buddhism, and gender ideology in South Korea." *Journal for the Scientific Study of Religion*, 62(2), 336–358.

Quadlin, Natasha, **Nanum Jeon**, Long Doan, and Brian Powell. 2022. "Untangling perceptions of atypical parents." *Journal of Marriage and Family*, 84(4), 1175–1195.

Lundberg, Ian, Jennie E. Brand, and **Nanum Jeon**. 2022. "Researcher reasoning meets computational capacity: Machine learning for social science." *Social Science Research*, 108, 102807.

Under Review

Jeon, **Nanum** and Jennie E. Brand. "Differential effects of completing college in reducing COVID-19 job loss by race and skin color."

Heuveline, Patrick and **Nanum Jeon**. "Estimating multi-annual excess deaths: A formula and an application to the chronic US mortality disadvantage, 1956-2023."

Xi, Jiahui, Jennie E, Brand, Tanvi Shinkre, and **Nanum Jeon**. "Flexibly detecting effect heterogeneity with an application to the effects of college on reducing poverty."

Work-in-Progress

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."

Jeon, **Nanum** and Jennie E. Brand. "Causal machine learning for sociology."

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

Brand, Jennie E. and **Nanum Jeon**. "The social and economic context of worker displacement."

Conference Presentations

† indicates a presenting author.

Jeon, **Nanum**[†]. April 2025. "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." Poster presentation accepted to the *Annual Meeting of the Population Association of America (PAA)*. Washington, D.C.

Brand, Jennie E.[†] and **Nanum Jeon**. April 2025. "The social and economic context of worker displacement." Oral presentation accepted to the *Annual Meeting of the Population Association of America (PAA)*. Washington, D.C.

Jeon, **Nanum**[†] and Jennie E. Brand. August 2024. "College and skin tone stratification: The heterogeneous effects of college on COVID-19 job loss." Oral Presentation at the *Annual Meeting of the American Sociological Association (ASA)*, Montreal, Canada.

Lundberg, Ian, **Nanum Jeon**[†], and Hao Liang. August 2024. "The causal effect of volatility: Estimation by marginal structural models." Oral Presentation at the *Annual Meeting of the American Sociological Association (ASA)*, Montreal, Canada.

Jeon, **Nanum**[†]. July 2024. "Natural course scenario prediction task for dynamic treatment effects modeling with R-Transformer." Oral presentation at the *International Conference on Computational Social Science (IC2S2)*. Philadelphia, PA.

Lundberg, Ian, **Nanum Jeon**[†], and Hao Liang. May 2024. "The causal effect of volatility: Estimation by marginal structural models." Poster Presentation at the *American Causal Inference Conference (ACIC)*, Seattle, WA.

Heuveline, Patrick and **Nanum Jeon**[†]. April 2024. "Post-pandemic trends and cumulative impact of the US mortality disadvantage, 1956–2022: A research note." Oral Presentation at the *Annual Meeting of the Population Association of America (PAA)*, Columbus, OH.

Lundberg, Ian[†], **Nanum Jeon**, and Hao Liang. April 2024. "The causal effect of volatility: Estimation by marginal structural models." Oral Presentation at the *Annual Meeting of the Population Association of America (PAA)*, Columbus, OH.

Xu, Jiahui[†], Jennie E. Brand, Tanvi Shinkre, and **Nanum Jeon**. August 2023. "Determining treatment prioritization rules: An application to the benefits of college in reducing poverty." Oral Presentation at the *Annual Meeting of the American Sociological Association (ASA)*, Philadelphia, PA.

Jeon, Nanum[†] and Jennie E. Brand. August 2023. "The impact of college degrees in reducing COVID-era labor market racial disparities." Oral Presentation at the *Research Committee on Social Stratification (RC28)*, Ann Arbor, MI.

Jeon, Nanum[†]. May 2023. "U.S. women's heterogeneous employment patterns across the life course after divorce." Oral Presentation at the *Research Committee on Social Stratification (RC28)*. Paris, France.

Jeon, Nanum[†] and Jennie E. Brand. May 2023. "The impact of college degrees in reducing COVID-era labor market racial disparities." Poster Presentation at the *All-UC Demography Conference*, Irvine, CA.

Jeon, Nanum[†] and Jennie E. Brand. April 2023. "The impact of college degrees in reducing COVID-era labor market racial disparities." Poster Presentation at the *Annual Meeting of the Population Association of America (PAA)*, New Orleans, LA.

Jeon, Nanum[†]. April 2022. "Gender ideology, religious affiliation, and subjective religiosity in South Korea." Poster Presentation at the *Annual Meeting of the Population Association of America (ASA)*, Atlanta, GA (Hybrid).

HONORS AND AWARDS

UCLA Dissertation Year Award ($20,000)	2024–2025
UCLA Sociology Service Award	2021–2025
Donald J. Treiman Research Fellowship ($6,000)	2023

- A competitive fellowship for population-related research.
- Awarded by the California Center for Population Research, UCLA.

Kawahara Fellowship ($8,000)	2021

- A fellowship supporting research and expertise in Japanese studies.
- Awarded by the Terasaki Center for Japanese Studies, UCLA.

Kwanjeong Overseas Scholarship ($100,000)	2019–2024

- A nationally competitive scholarship supporting Korean doctoral students abroad.
- Sole recipient nationwide in sociology.

ADVANCED RESEARCH TRAINING

Population and Social Data Science Summer Incubator Program	2025

- Selected for a fully funded summer research program at the Max Planck Institute for Demographic Research, Rostock, Germany
- Research focus: Machine Learning for Life Course Trajectories.

TEACHING INTEREST

Core Courses

- Social Stratification and Inequality
- Social Demography
- Statistics and Research Methods

Substantive Area Courses

- Life Course and Inequality
- Data Science for Sociology/Social Sciences
- Causal Inference and Machine Learning

Teaching Experience

Instructor   2023, 2024
Summer Institute in Computational Social Science | UCLA   Los Angeles, USA
- Taught a lecture on Machine Learning Applications in Social Sciences.

Teaching Assistant   2021, 2023
University of California, Los Angeles   Los Angeles, USA
- Assisted in undergraduate courses on Gender, Work, and Education.
- Led discussions, graded assignments, and mentored students.

Work Experience

Capacity Building and Training Associate   2017–2019
Asian Development Bank Institute (ADBI)   Tokyo, Japan
- Conducted policy research on labor migration and economic development in Asia.
- Authored and contributed to policy briefs and research publications with economists and policymakers.
- Organized high-level policy dialogues, including the ADBI-OECD-ILO Roundtable on Labor Migration in Asia (2018, 2019).

Professional Membership

American Sociological Association (ASA)
Population Association of America (PAA)
International Sociological Association Research Committee 28 on Social Stratification (RC28)
Association of Korean Sociologists in America (AKSA)
Society for Causal Inference (SCI)

Research Affiliations

California Center for Population Research, UCLA
Inequality Data Science Lab (IDS-Lab)

Service

Session Organizer | ASA   2024–2025
- Organizing a regular session on Work and Family for the 2025 ASA Annual Meeting.

Organizing Committee | RC28, UCLA   2024–2025
- Organizing sessions for the 2025 Summer RC28 Meeting at UCLA.

DEI Committee Member and Mentor | ASA Mathematical Sociology Section   2023–Present
- Led initiatives to enhance graduate student inclusion and diversity.

Organizer | Summer Institute in Computational Social Science (SICSS), UCLA   2023
- Coordinated a 10-day data science training program for social scientists.

Skills

Programming:R, Python, and STATA
Languages: English (Fluent), Korean (Native), and Japanese (Proficient)