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 — 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

Xi, Jiahui, Jennie E, Brand, Tanvi Shinkre, and **Nanum Jeon**. [Paper on causal mediation forests].

Jeon, Nanum and Jennie E. Brand. [Paper on heterogeneous effects of college degrees through high-skilled occupations against COVID-19 job loss].

Heuveline, Patrick and **Nanum Jeon**. [Paper on a formal demographic method for calculating multi-annual excess deaths].

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." Invited submission.

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

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).

FELLOWSHIPS AND SCHOLARSHIPS

Donald J. Treiman Research Fellowship ($6,000) — 2023
- A competitive fellowship for population-related research.
- California Center for Population Research, UCLA.

Kawahara Fellowship ($8,000) — 2021
- A fellowship to develop Japan expertise.
- Terasaki Center for Japan Studies, UCLA

Kwanjeong Overseas Scholarship ($100,000) — 2019 – 2024
- A nationally competitive scholarship for Korean students to pursue doctoral research abroad.
- 1 recipient nationwide in sociology

Japan Student Services Organization Scholarship ($6,000) — 2015 – 2017
Mirae Asset Scholarship ($5,000) — 2012

HONORS AND AWARDS

UCLA Dissertation Year Award ($20,000) — 2024 – 2025
UCLA Sociology Service Award — 2020 – 2025

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
- Lecture on Application of Machine Learning in Social Sciences

Teaching Assistant — 2021, 2023
University of California, Los Angeles — Los Angeles, USA
- Sociology of Gender, Occupation & Professions, Sociology of Education

Work Experience

Capacity Building and Training Associate   2017 – 2019
Asian Development Bank Institute (ADBI)   Tokyo, Japan

- Helped organize over 50 teaching sessions and workshops annually for mid-level government officials to enhance public policy effectiveness in Asia, featuring presentations from high-ranking government officials and academics.
- Wrote a policy brief, project proposals, and other publications in collaboration with economists and government officials.
- Prepared opening and closing remarks and presentations for Deputy Dean.
- Conducted post-workshop evaluations and interviews to assess the impact of capacity-building and training programs through surveys.
- Organized and drafted agenda for 2018 and 2019 ADBI-OECD-ILO Roundtable on Labor Migration in Asia.

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

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

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

DEI Committee member, Mathematical Sociology Section | ASA   2024 – Present
- Reached out to graduate students to enhance inclusion and diversity in the section.

Mentor, Mathematical Sociology Section | ASA   2023 – Present
- Connected graduate students with established scholars to expand the field of mathematical sociology.

Coordinator, Social Stratification, Inequality & Mobility Working Group | UCLA 2023 – 2025
- Facilitated student paper workshops and invited outside speakers conducting cutting-edge research in sociology for the department colloquium series.

Student Representative, Junior Faculty Search Committee | UCLA   2023
- Gathered and presented graduate student feedback to ensure their perspectives are reflected in the evaluation criteria.

Organizer, Summer Institute in Computational Social Science | UCLA   2023
  • Led the planning and coordination of a 10-day Data Science for Social Science lecture series, managing venue logistics, syllabus development, and participant selection. Coordinated with guest lecturers from statistics and social science fields to bridge the disciplines and managed program implementation and evaluation.

Coordinator, IDS-Lab   2021 – 2023
Coordinator, Family Working Group | UCLA   2020 – 2022

SKILLS

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