Nanum Jeon

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Department of Statistics and Data Science
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EDUCATION

Ph.D. in Sociology — 2021 – Present
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 — 2021 – Present
University of California, Los Angeles — Los Angeles, USA

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

RESEARCH INTERESTS

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

My research explores social stratification and inequality across the life course, focusing on both the U.S. and East Asia. I also develop and apply statistical, demographic, and machine learning methods, 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**. "Flexibly detecting effect heterogeneity with an application to the benefits of college in reducing poverty."

Work-in-Progress

Jeon, Nanum. "Gendered employment, marriage, and welfare trajectories among the divorced: A causal analysis of the gender poverty gap."

Jeon, Nanum and Jennie E. Brand. "Causal machine learning for sociology." Special Issue on Explanation and Causality in the Social Sciences, *Kölner Zeitschrift für Soziologie & Sozialpsychologie* (*Cologne Journal of Sociology & Social Psychology*)

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

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."

Conference Presentations

American Sociological Association Annual Meeting	2023, 2024
Population Association of America Annual Meeting	2022, 2023, 2024
Research Committee on Social Stratification (RC28)	2023, 2024
International Conference on Computational Social Science	2024
American Causal Inference Conference	2024

Fellowships

UCLA Dissertation Year Award ($20,000) — $2024 - 2025$

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 competitive scholarship awarded to Korean students for doctoral research abroad

Japan Student Services Organization Scholarship ($6,000) — $2015 - 2017$

Mirae Asset Scholarship ($5,000) — 2012

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

- Organized and drafted agenda for 2018 and 2019 ADBI-OECD-ILO Roundtable on Labor Migration in Asia.
- Wrote policy briefs, project proposals, presentations, opening and closing remarks and other publications in collaboration with economists and government officials.

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)

Institutional Affiliations

California Center for Population Research, UCLA

Inequality Data Science Lab (IDS-Lab)

Service

DEI Committee, Mathematical Sociology Section | ASA	2024 – Present
Mentor, Mathematical Sociology Section | ASA	2023 – Present
Coordinator, Social Stratification, Inequality & Mobility Working Group | UCLA	2023 – Present
Organizer, Summer Institute in Computational Social Science | UCLA	2023
Coordinator, SIDS-Lab	2021 − 2023
Coordinator, Family Working Group | UCLA	2020 − 2022

Skills

Programming: R, STATA, Python, and SQL

Languages: English, Korean, and Japanese