

Nanum Jeon

Department of Sociology
Department of Statistics
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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
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

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.

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)

Jeon, Nanum and Jennie E. Brand. “Decomposing the effects of completing college on reducing COVID-era labor market racial disparities.”

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

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.”

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

Jeon, Nanum. “Natural course scenario prediction task for dynamic treatment effects modeling with R-Transformer”

- 2024 International Conference on Computational Social Science, Oral Presentation (Peer-reviewed)

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

- 2024 American Causal Inference Conference, Poster Presentation
- 2024 Annual Meeting of the Population Association of America, Oral Presentation

Heuveline, Patrick and **Nanum Jeon**. “Post-pandemic trends and cumulative impact of the US mortality disadvantage, 1956–2022: A research note.”

- 2024 Annual Meeting of the Population Association of America, Oral Presentation

Jeon, Nanum. “U.S. women’s heterogeneous employment patterns across the life course after divorce.”

- 2023 Spring International Sociological Association, Research Committee on Social Stratification (RC28), Oral Presentation
- 2024 Spring International Sociological Association, Research Committee on Social Stratification (RC28), Oral Presentation

Jeon, Nanum and Jennie E. Brand. “The impact of college degrees in reducing COVID-era labor market racial disparities.”

- 2023 Summer International Sociological Association, Research Committee on Social Stratification (RC28), Oral Presentation
- 2023 All-UC Demography Conference, Poster Presentation
- 2023 Annual Meeting of the Population Association of America, Poster Presentation
- 2024 Annual Meeting of the American Sociological Association, Oral Presentation

Jeon, Nanum. “Gender ideology, religious affiliation, and subjective religiosity in South Korea.”

- 2022 Annual Meeting of the Population Association of America, Poster Presentation

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	

RESEARCH EXPERIENCE

Graduate Research Assistant	2024
University of California, Los Angeles	Los Angeles, USA
• Collaboration on the development of methodologies using marginal structural models to estimate the causal effects of employment volatility on socioeconomic outcomes	

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