

# Nanum Jeon

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

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**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

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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

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**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

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**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

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**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

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<b>UCLA Dissertation Year Award</b> (\$20,000)	2024 – 2025
<b>Donald J. Treiman Research Fellowship</b> (\$6,000)	2023
• A competitive fellowship for population-related research. California Center for Population Research, UCLA	
<b>Kawahara Fellowship</b> (\$8,000)	2021
• A fellowship to develop Japan expertise. Terasaki Center for Japan Studies, UCLA	
<b>Kwanjeong Overseas Scholarship</b> (\$100,000)	2019 – 2024
• A competitive scholarship awarded to Korean students for doctoral research abroad	
<b>Japan Student Services Organization Scholarship</b> (\$6,000)	2015 – 2017
<b>Mirae Asset Scholarship</b> (\$5,000)	2012

## TEACHING EXPERIENCE

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<b>Instructor</b>	2023, 2024
Summer Institute in Computational Social Science   UCLA	Los Angeles, USA
• Lecture on Application of Machine Learning in Social Sciences	
<b>Teaching Assistant</b>	2021, 2023
University of California, Los Angeles	Los Angeles, USA
• Sociology of Gender, Occupation & Professions, Sociology of Education	

## RESEARCH EXPERIENCE

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<b>Graduate Research Assistant</b>	2023–2024
Cornell University	Ithaca, USA
University of California, Los Angeles	Los Angeles, USA
• Joint work on the development of causal inference methodologies using marginal structural models to estimate the effects of employment volatility on socioeconomic outcomes.	
<b>Graduate Research Assistant</b>	2023
University of California, Los Angeles	Los Angeles, USA
• Joint work on the development of a formal demographic methodology to estimate U.S. excess deaths for comparative analysis.	
<b>Graduate Research Assistant</b>	2021 – 2022
University of California, Los Angeles	Los Angeles, USA
• Data work using SQL to investigate the impact of the COVID-19 pandemic on Native Americans in the United States.	

## WORK EXPERIENCE

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### Capacity Building and Training Associate Asian Development Bank Institute (ADBI)

2017 – 2019  
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

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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

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

## SERVICE

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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

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Programming: R, STATA, Python, and SQL  
Languages: English, Korean, and Japanese