

# 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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<b>Ph.D. in Sociology</b> University of California, Los Angeles <b>Advisor:</b> Jennie E. Brand <b>Dissertation:</b> Exploring Employment Patterns, Family Disruption, and Gender Inequality <b>Committee:</b> Jennie E. Brand (Chair), Ian Lundberg, Natasha Quadlin, Wei-hsin Yu, Xiaowu Dai (Statistics and Data Science)	2026 (Expected) Los Angeles, USA
<b>M.S. in Statistics and Data Science</b> University of California, Los Angeles <b>Advisor:</b> Mark S. Handcock	2026 (Expected) Los Angeles, USA
<b>M.A. in Sociology</b> University of California, Los Angeles	2021 Los Angeles, USA
<b>M.A. in Public Policy</b> University of Tokyo	2017 Tokyo, Japan
<b>B.A. in Sociology</b> Ewha Womans University Exchange Semester at Sciences Po Lille, France	2015 Seoul, South Korea

## RESEARCH INTERESTS

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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

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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.

## UNDER REVIEW

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

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

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

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**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.”

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

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<sup>†</sup> indicates a presenting author.

**Jeon, Nanum**<sup>†</sup>. 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.<sup>†</sup> 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**<sup>†</sup> 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**<sup>†</sup>, 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**<sup>†</sup>. 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**<sup>†</sup>, 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**<sup>†</sup>. 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<sup>†</sup>, **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<sup>†</sup>, 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<sup>†</sup>** 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<sup>†</sup>**. 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<sup>†</sup>** 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<sup>†</sup>** 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<sup>†</sup>**. 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

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UCLA Sociology Service Award	2021 – 2025
UCLA Dissertation Year Award (\$20,000)	2024 – 2025
Donald J. Treiman Research Fellowship (\$6,000)	2023
<ul style="list-style-type: none"> <li>• A competitive fellowship for population-related research.</li> <li>• Awarded by the California Center for Population Research, UCLA.</li> </ul>	
Kawahara Fellowship (\$8,000)	2021
<ul style="list-style-type: none"> <li>• A fellowship supporting research and expertise in Japanese studies.</li> <li>• Awarded by the Terasaki Center for Japanese Studies, UCLA.</li> </ul>	
Kwanjeong Overseas Scholarship (\$100,000)	2019 – 2024
<ul style="list-style-type: none"> <li>• A nationally competitive scholarship supporting Korean doctoral students abroad.</li> <li>• Sole recipient nationwide in sociology.</li> </ul>	
Japan Student Services Organization Scholarship (\$6,000)	2015 – 2017
Mirae Asset Scholarship (\$5,000)	2012

## SELECTED RESEARCH & TRAINING PROGRAMS

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Population and Social Data Science Summer Incubator Program	2025
<ul style="list-style-type: none"> <li>• Selected for a fully funded summer research program at the Max Planck Institute for Demographic Research.</li> <li>• Research focus: Machine Learning for Life Course Trajectories.</li> </ul>	
Korea WEST Exchange Program	2014 – 2015
<ul style="list-style-type: none"> <li>• Nationally selected with full funding for English language training and a policy research internship.</li> <li>• Completed an internship at the Johns Hopkins School of Advanced International Studies, Washington, D.C., focusing on East Asian policy research.</li> </ul>	
Asan Academy	2013
<ul style="list-style-type: none"> <li>• Nationally selected for a fully funded interdisciplinary program integrating classical and modern education.</li> <li>• Completed a policy research internship at the National Endowment for Democracy, Washington, D.C.</li> </ul>	

## TEACHING INTEREST

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### 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

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### 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

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### 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

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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)

## RESEARCH AFFILIATIONS

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California Center for Population Research, UCLA

Inequality Data Science Lab (IDS-Lab)

## SERVICE

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Organizing Committee   RC28, UCLA	2024 – 2025
<ul style="list-style-type: none"><li>Organizing sessions for the 2025 Summer RC28 Meeting at UCLA.</li></ul>	
Session Organizer   ASA	2024 – 2025
<ul style="list-style-type: none"><li>Organizing a regular session on Work and Family for the 2025 Annual Meeting of the American Sociological Association.</li></ul>	
DEI Committee member, Mathematical Sociology Section   ASA	2024 – Present
<ul style="list-style-type: none"><li>Reached out to graduate students to enhance inclusion and diversity in the section.</li></ul>	
Mentor, Mathematical Sociology Section   ASA	2023 – 2024
<ul style="list-style-type: none"><li>Connected graduate students with established scholars to expand the field of mathematical sociology.</li></ul>	
Coordinator, Social Stratification, Inequality & Mobility Working Group   UCLA	2023 – 2025
<ul style="list-style-type: none"><li>Facilitated student paper workshops and invited outside speakers conducting cutting-edge research in sociology for the department colloquium series.</li></ul>	
Student Representative, Junior Faculty Search Committee   UCLA	2023
<ul style="list-style-type: none"><li>Gathered and presented graduate student feedback to ensure their perspectives are reflected in the evaluation criteria.</li></ul>	
Organizer, Summer Institute in Computational Social Science   UCLA	2023
<ul style="list-style-type: none"><li>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.</li></ul>	
Coordinator, IDS-Lab	2021 – 2023
Coordinator, Family Working Group   UCLA	2020 – 2022

## SKILLS

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Programming: R, STATA, Python, and SQL

Languages: English (Fluent), Korean (Native), and Japanese (Advanced)