

# Paige Park

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## Summary

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I am a dedicated social scientist with expertise in demography, sociology, and statistics, driven by a passion for producing research that bridges theory and practice to inform evidence-based policy. My journey began in a rural sociology lab as an undergraduate in 2017, where I developed a deep interest in understanding social inequality and community dynamics. Since then, my work has evolved to include gender, migration, health policy, demographic forecasting, and mortality modeling, with a focus on applying innovative computational methods to complex societal challenges.

## Education

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- 2021-**      **Ph.D. in Demography**, University of California, Berkeley  
*Dissertation Topic:* Development of cutting edge techniques for mortality forecasting using deep neural networks.  
*Committee:* Dennis Feehan, Josh Goldstein
- 2023**      **M.A. in Statistics**, University of California, Berkeley
- 2021**      **M.S. in Sociology**, Brigham Young University  
*Thesis Title:* Occupational Attainment in Germany and the United States 2000–2016: The Role of Gender and Immigration Status
- 2020**      **B.S. in Sociology**, Brigham Young University — Valedictorian  
*Capstone Title:* Women’s Orgs in Northern Thailand: An Examination of Chiang Mai’s NGO Sector

## Publications

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- 2024**      Dow, William H., Julia M. Goodman, Paloma Lin, and **Paige N. Park**. “Learning from employer experiences with paid leave policy expansions during the COVID-19 pandemic.” *Health Affairs Scholar* 2(10): qxae122.
- 2023**      Cope, Michael R., Kayci A. Muirbrook, **Paige N. Park**, et al. “Understanding Environmentalism: The Interplay between Politics and Religion on Environmental Attitudes from Rural Utah.” *Society & Natural Resources*. 36(4):405-424.
- 2022**      **Park, Paige N.** “Occupational Attainment Among Parents in Germany and the US 2000–2016: The Role of Gender and Immigration Status.” *Population Research and Policy Review*. 41(6): 2447-2492.

- 2021** **Park, Paige N.**, and Jane Lilly Lopez. "Of One Fold: How Religion, Culture, and Gender Intersect to Shape Integration for International Migrants Settling in Utah, USA." *Ethnography and Qualitative Research*. 14(3): 503-525.
- 2021** **Park, Paige N.**, Scott R. Sanders, Michael R. Cope, Kayci A. Muirbrook, Carol Ward. "New Perspectives on the Community Impact of Rural Education Deserts." *Sustainability*. 13(4): 12124.
- 2021** Cope, Michael R., Jorden E. Jackson, Kayci M. Muirbrook, Carol Ward, **Paige N. Park**, and Genevieve M. Smith. "Sense of Community on Collegiate Campus and Graduation Expectations: An Exploratory Study." *SN Social Sciences*. 1(2): 1-19.
- 2021** Cope, Michael R., Kayci A. Muirbrook, Jorden E. Jackson, **Paige N. Park**, Carol Ward, Curtis Child, and Jonathan A. Jarvis. "Experiences with General Education: How Sense of Community Shapes Students' Perceptions." *Sage Open*. 11(4): 1-19.
- 2020** Sanders, Scott R., Michael R. Cope, **Paige N. Park**, Wesley R. Jeffery, and Jorden E. Jackson. "Infants without Health Insurance: Racial/Ethnic and Rural/Urban Disparities in Infant Households' Insurance Coverage." *PLOS ONE*. 15(1): e0222387: 1-13.
- 2020** Cope, Michael R., **Paige N. Park**, Jorden E. Jackson, Kayci A. Muirbrook, Carol Ward, Scott S. Sanders, and Ralph B. Brown. "Theoretical Discussion on Community as Story and the Dynamic Nature of Community: Perceptions, Place, and Narratives about Change." In *New Horizons in Education and Social Studies, Vol.2*, edited by Vlasta Hus, UK: Book Publisher International. DOI: 10.9734/bpi/nhess/v2.
- 2019** **Park, Paige N.** "How Places Make Us: Novel LBQ Identities in Four Small Cities, by Japonica Brown-Saracino, Chicago: University of Chicago Press, 2018. 295 pp. \$35.00 (paper). ISBN-13: 978-0-226-36125-3." *Rural Sociology*. 1(2019): 184-186.
- 2019** Cope, Michael R., **Paige N. Park**, Jorden E. Jackson, Kayci A. Muirbrook, Scott R. Sanders, Carol Ward, and Ralph B. Brown. "Community as Story and the Dynamic Nature of Community: Perceptions, Place, and Narratives about Change." *Social Sciences*. 8(70): 1-16.

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## Manuscripts under Review

**Park, Paige N.** and Joshua R. Goldstein. "Mortality Reversals in the US: Geographic Patterns and New Models for Fluctuating Time Series." *Under Review at Demography*.

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## Selected Manuscripts in Draft

**Park, Paige N.** "Deep Learning for Mortality Prediction" *Intended for Demography*.

**Park, Paige N.** and Magali Barbieri. "Old-Age Mortality Smoothing: An Age-Old Dilemma Requiring Modern Statistical Problem Solving." *Intended for Demographic Research*.

**Park, Paige N.**, Christina Misunas, Dennis Feehan. "Participant Views of a Fertility Prediction Challenge: Perspectives from the Middle of the Pack." *Intended for Journal of Computational Social Science*.

## Conference Presentations and Invited Talks

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<b>2025</b>	“Deep Learning for Mortality Prediction.” Paper to be presented at the <i>Population Association of America Conference</i> , Washington D.C.
<b>2024</b>	“Old-Age Mortality Smoothing: Re-evaluating the Kannisto Model.” Invited talk at the <i>Annual Human Mortality Database (HMD) Conference</i> , Berkeley, CA.
<b>2024</b>	“Mortality Reversals in the US: Geographic Patterns and New Modeling Approaches.” Paper presented at the <i>Population Association of America Conference</i> , Columbus, OH.
<b>2023</b>	“Learning from Employer Responses to Paid Leave Policy Expansions During the COVID-19 pandemic.” Paper presented at the <i>Population Association of America Conference</i> , New Orleans, LA.
<b>2019</b>	“Psychological Sense of Community in Rural Utah: The Religious Divide.” Paper presented at the <i>Pacific Sociological Association Conference</i> , Oakland, CA.

## Experience

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<b>2024</b>	<b>Team Lead</b> , Predicting Fertility Data Challenge (PreFer).
<b>2024</b>	<b>Graduate Student Researcher</b> , Human Mortality Database (HMD).
<b>2024</b>	<b>Graduate Student Instructor</b> , Economic Demography C175, UC Berkeley.
<b>2022–2023</b>	<b>Graduate Student Researcher</b> , Department of Demography, UC Berkeley.
<b>2019</b>	<b>Primary Investigator</b> , Project Evaluation and Assessment Team, Brigham Young University.
<b>2019–2020</b>	<b>Teaching Assistant</b> , Ballard Center for Social Impact, Brigham Young University.
<b>2017–2021</b>	<b>Student Researcher</b> , Department of Sociology, Brigham Young University.

## Grants and Scholarships

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<b>2024</b>	<b>National Institute of Health Training Grant</b> (~\$65,000).
<b>2023</b>	<b>National Institute of Health Training Grant</b> (~\$63,000).
<b>2022</b>	<b>Betty Scott Excellence Scholarship</b> (\$22,160).
<b>2022</b>	<b>National Institute of Health Training Grant</b> (~\$61,500).
<b>2021</b>	<b>National Institute of Health Training Grant</b> (~\$61,300).

<b>2020</b>	<b>Ella Carpenter Jensen Fellowship</b> (\$2,500).
<b>2017–2020</b>	<b>Full-Tuition Academic Scholarship</b> (~\$2,900 per semester).
<b>2019</b>	<b>Mary Lou Fulton Travel Grant</b> (\$680).
<b>2019</b>	<b>Experiential Learning Grant</b> (\$520).
<b>2019</b>	<b>Program Evaluation and Assessment Team (PEAT) Experiential Scholarship</b> (\$1,000).
<b>2019</b>	<b>Global Women’s Studies Experiential Learning Grant</b> (\$1,000).

### Selected Technical Coursework

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<b>STAT 201A</b>	Introduction to Probability at an Advanced Level
<b>STAT 201B</b>	Introduction to Statistics at an Advanced Level
<b>STAT 243</b>	Introduction to Statistical Computing
<b>STAT 230A</b>	Linear Models
<b>STAT 232</b>	Experimental Design
<b>SOC 273L</b>	Computational Social Science
<b>DEMOG 210</b>	Demographic Methods: Rates & Structures
<b>DEMOG 260</b>	Mathematical Demography
<b>PBHLTH 252B</b>	Infectious Disease Modeling

### Selected Substantive Coursework

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<b>DEMOG 200</b>	Fundamentals of Population Thought
<b>DEMOG 275A</b>	Economic Demography
<b>MPA 631</b>	Public Program Evaluation
<b>STAT 222</b>	Master’s of Statistics Capstone Project

### Summer Internships and Programs

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<b>2020</b>	The American Enterprise Institute’s Summer Honors Program.
<b>2019</b>	Project Evaluation & Assessment Team (PEAT) Internship.

### Software Proficiencies

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R, Python, L<sup>A</sup>T<sub>E</sub>X, SQL, Tableau, Stata