

Anne Morse-Huércanos

PhD Demography and Sociology

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EDUCATION

- 2020 Ph.D. — Sociology and Demography
The Pennsylvania State University, University Park, PA
Dissertation Title: “Probabilistic State-Level Population Projections in India”
- 2017 M.A. — Sociology and Demography
The Pennsylvania State University, University Park, PA
Thesis: “The Birth Interval and the Odds of a Male Birth in Sub-Saharan Africa: Implications for the Sex Ratio”
- 2013 B.A.— Political Economy
University of California, Berkeley, Berkeley, CA

WORK AND RESEARCH EXPERIENCE

- 2025 **The U.S. Census Bureau**
Survey Statistician, Family and Fertility Statistics Branch
- Write and review reports on demographic topics.
 - Review data processing of the American Communities Survey (ACS) to ensure high quality data.
 - Conduct instrument testing for the Survey of Income and Program Participation (SIPP).
- 2023-2025 **The U.S. Census Bureau**
Demographer/Statistician, International Programs Center
- Produce population estimates and projections of international countries for the International Database (IDB).
 - Act as team lead for the Estimates and Projections of the IDB
 - Provide technical assistance to statistical offices in low and middle-income countries.
 - Review demographic data products for quality and reliability.
 - Write reports and blogs on demographic topics.
- 2020-2023 **The U.S. Census Bureau**
Survey Statistician, Population Estimates and Area Projections
- Work in a matrix team setting to produce and deliver annual population estimates of the United States.
 - Produce long-term population projections of the U.S.
 - Communicate results from research to journalists and other researchers.
 - Review data deliveries and draft products for demographic reasonableness.
 - Dual program data-work to ensure accuracy.

- 2020 **Center for Mind and Culture**
Contract Consultant
- Consult on demographic methods and population projections.
- 2020 **The Pennsylvania State University**
Research Assistant, John Templeton Foundation Grant: The evolutionary dynamics of religion, family size, and child success
- Clean and analyze data for a project on social networks and maternal health.
- 2019 **Migration Policy Institute**
Contract Researcher
- Manage, clean, and run the coding for a research team producing probabilistic estimates of the unauthorized population in the U.S.
- 2018 **Demographic and Health Surveys**
Contract Researcher, Research and Analysis Team
- Produce a literature review for a methodological report on consistency in their surveys
 - Write STATA programming to analyze data from multiple datasets
- 2015-2020 **The Pennsylvania State University**
Research Assistant, Department of Sociology and Criminology
- Compile and organize data from the American Community Survey (ACS) to input into a simulation model.
 - Summarize and present key findings from models.
 - Debug coding that analyzes complex, longitudinal data sets (The Panel Study of Income Dynamics (PSID)).

SKILLS AND CERTIFICATES

Statistical Packages: SAS (advanced) STATA (advanced), R (proficient)

Federal Trainings: Title 26 Awareness Training, Title 13 CUI, Federal Records Management, Data Stewardship and IT Security Awareness Training (CSAT), Federal Ethics Training, Counter Threat Awareness Training (CTAT)

Graduate Certificates: Certificate in Quantitative Methodology, Certificate in Survey Methodology

Quantitative Methods Training: Hierarchical Linear Modeling, Event History Analysis, Demographic Techniques, Analysis of Survey Data, Survey Design, Causal Inference

PUBLICATIONS

- 2024 **Morse, Anne** “Population Trends Across the Globe” *America Counts*. U.S. Census Bureau.
- 2024 **Morse, Anne** “Population Momentum and Fertility” *Select Topics in International Population and Health*. U.S. Census Bureau.
- 2023 **Morse, Anne** “World Population Estimated at 8 Billion” *America Counts*. U.S. Census Bureau.
- 2022 **Morse, Anne** “Fertility Rates: Declined for Younger Women, Increased for Older Women” *America Counts*. U.S. Census Bureau.
- 2021 **Morse, Anne** “U.S. Births Declined During the Pandemic” *America Counts*. U.S. Census Bureau.
- 2021 **Morse, Anne** and Nancy Luke. “Fetal Loss and Feminine Sex Ratios at Birth in Sub-Saharan Africa.” *Population Studies*.
- 2021 Shenk, Mary K. **Anne Morse**, et al. “Social support, nutrition and health among women in rural Bangladesh: complex tradeoffs in allocare, kin proximity and support network size” *Philosophical Transactions of the Royal Society B*.
- 2021 Van Hook, Jennifer, **Anne Morse**, Randy Capps, Julia Gelatt. “Uncertainty About the Size of the Unauthorized Foreign-Born Population in the United States.” *Demography*.
- 2021 Van Hook, Jennifer, Alain Belanger, Patrick Sabourin, **Anne Morse**. "Immigration Selection and the Educational Composition of the U.S. Labor Force: A Microsimulation Approach." *Population and Development Review*.
- 2020 Daw, Jonathan, Michael Gaddis, and **Anne Morse**. “Heterogeneity of Intergenerational Educational Mobility in the U. S.” *Research in Social Stratification and Mobility*.
- 2018 MacQuarrie, Kerry L.D., William Winfrey, Jacqueline Meijer-Irons, and **Anne Morse**. “Consistency of Reporting of Terminated Pregnancies in DHS Calendars.” *DHS Methodological Reports* No. 25.

LECTURES AND TRAININGS

- 2024 **Training and Production Workshop:** “Demographic Analysis & Population Projection System (DAPPS) Software”
Lusaka, Zambia
- Attended by representatives from the Zambia Statistics Agency

- 2023 **Training and Production Workshop:** “Demographic Analysis & Population Projection System (DAPPS) Software”
Manila, Philippines
- Attended by representatives from: the Philippines Statistical Authority (PSA) and the University of Philippines, Diliman Population Institute (UPPI)
- 2023 **Workshop:** “Regional Workshop on Population Projections”
Bangkok, Thailand
- Attended by representatives of statistical offices from the: Bangladesh, Indonesia, Lao PDR, Maldives, Mongolia, Nepal, Pakistan, Papua New Guinea, Philippines, Sri Lanka, and Timor Leste.
- 2022 **Lecture:** “A Changing Nation: Population Projections Under Alternative Immigration Scenarios”
- National Library Service: Chief Officers of State Library Agencies
 - Alaska Annual Data Conference: State Data Center
 - Otávio Briones, Brazilian Ambassador to the United States; Brazilian Embassy
- 2022 **Lecture:** “Simple Versus Complex Forecasting Models: Thinking through their pros and cons”
- The Center for Economic Research, George Washington University
H.O. Stekler Research Program on Forecasting Brown Bag Series
 - The Elliott School of International Affairs, George Washington University
24th Federal Forecasters Conference: Nowcasting
- 2022 **Lecture:** “Advanced Population Projections”
Department of Sociology, Penn State University
Soc 576, Applied Mathematical Demography
- 2022 **Lecture:** “Covid and Fertility in the U.S.: Short-term Fluctuations”
International Programs Center, U.S. Census Bureau
- 2021 **Lecture:** “Global Demographics and What They Tell Us”
Pontifical Athenaeum Regina Apostolorum, Rome
Fundamental Ethics
- 2020 **Lecture:** “Natural Fertility and the Proximate Determinants of Fertility”
Department of Anthropology, Penn State University
Anth 408, Anthropological Demography
- 2019 **Lecture:** “Introduction to Population Projections”
Population Research Institute, Penn State University
PRI Student Methods Workshop

- 2019 **Research Presentation:** “Is there a Global Second Demographic Transition? World Trends and Education, Health, and Economic Correlates from 1960-2010”
Population Research Institute, Penn State University
PRI Brown Bag Series
- 2019 **Lecture:** “Trends in Development and Life Expectancy”
Department of Sociology, Penn State University
Soc 423, Social Demography
- 2018 **Lectures:** “The Fertility Transition,” “Global Fertility Policy,” “The Family and
& Household Transition”
2019 Department of Sociology, Penn State University
Soc 023, Population and Policy Issues

CONFERENCE PRESENTATIONS

- 2023 “Late Maternal Births: Trends by Race, Ethnicity, and Nativity in the United States.”
Poster Presentation, Population Association of America, New Orleans
Poster prize winner
- 2023 “Long-Term Fertility Projections for the United States”
Oral Presentation, Applied Demography Conference, Annapolis
- 2022 “COVID-19 Births: Dip and Rebound in the United States.”
Poster Presentation, Population Association of America, Atlanta
- 2018 “Fetal Loss and the Feminization of Sex-Ratios in Sub-Saharan Africa.”
Oral Presentation, American Sociological Association, Annual Meeting, Philadelphia
- 2018 “Comparing the Implications of Canadian- and U.S.-Style Immigration Policies: A
Microsimulation Approach Using the LSD Model.”
Oral Presentation, Population Association of America Annual Meeting, Denver
(Presented by Dr. Jennifer Van Hook)
- 2018 “Is the Second Demographic Transition Going Global? And Why?”
Poster Presentation, Population Association of America Annual Meeting, Denver
(Presented by Dr. Erik Hernandez)
- 2018 “Detailed Morbidities and Causes of Death: Cross-National Perspectives”
Session Discussant, Population Association of America Annual Meeting, Denver

- 2017 “Immigration, Diversity, Human Capital and the Future Labor Force of Developed Countries: the US Model”
Oral Presentation, World Congress of the International Microsimulation Association, Moncalieri (Presented by Dr. Jennifer Van Hook)
- 2017 “The Birth Interval and the Odds of a Male Birth in Sub-Saharan Africa: Implications for the Sex-Ratio.”
Oral Presentation, Population Association of America, Chicago
- 2016 “The Contribution of HIV/Aids to Changes in the Total Fertility Rate in Zambia.”
Poster Presentation, Population Association of America, Washington, D.C.

PROFESSIONAL COMMITTEES

- 2020-2025 **Vice-Chair: Federal Forecasters Consortium Board**
H.O. Stekler Research Program on Forecasting
- 2019 **Chair and Founder: Data Management and Coding Lecture Series**
Department of Sociology and criminology, Penn State
- 2015 -2018 **Methods Workshop Committee**
Population Research Institute, Penn State

FELLOWSHIPS AND TRAININGS

- 2023 **Berkeley Formal Demography**
Trainee, 9th Annual Berkeley Workshop on Formal Demography
- 2020-2021 **Population Reference Bureau**
Fellow, Policy Communication Fellows Program

TEACHING EXPERIENCE

- 2019 **Teaching Assistant**, Undergraduate course: Social Demography
- 2018 &19 **Lab Instructor**, Graduate course: Statistical Methods in Social Research
Department of Sociology and Criminology, Penn State University
- 2018 & 19 **Instructor**, Graduate workshop: STATA and Statistics Boot camp
Department of Sociology and Criminology, Penn State University
- 2018 &19 **Teaching Assistant**, Undergraduate course: Population and Policy Issues
Department of Sociology, Penn State University

PROFESSIONAL MEMBERSHIPS

- 2015-present Population Association of America
- 2018-2020 American Sociological Association