



The Center for Studies in Demography and Ecology

Sara Curran, *Director*

University of Washington
206 Raitt Hall – Box 353412
Seattle, WA 98195
csde.washington.edu
csde@u.washington.edu
(P): 206.616.7743

Mission Statement

The Center for Studies in Demography and Ecology (CSDE) supports the advancement of population science through research and training. As a federally funded research center with over 70 years of experience, the CSDE scientists develop new demographic measures and methods, advance knowledge about population dynamics, generate new data and evidence to support population science, and train the next generation of demographers.

Number of Faculty Affiliates: 173 (University of Washington) 95 (external)

Departmental Affiliations

- College of Arts & Sciences
- College of Built Environment
- College of Education
- College of Engineering
- College of the Environment
- Daniel J. Evans School of Public Policy & Governance
- Foster School of Business
- Information School
- School of Medicine
- School of Nursing
- School of Pharmacy
- School of Public Health
- School of Social Work

Key Areas of Research

- **Demographic Measurements and Methods**
- **Environments and Populations**
- **Health of People and Populations**
- **Migrations and Settlements**
- **Well-being of Families and Households**

Domestic Research Projects

- Training for Data Science, Demography, and Population Health (NIH)
- Population Dynamics Research Infrastructure Support (NIH)
- Longitudinal Study of the Mechanisms Affecting Filipino-U.S. Migrants' Sleep Deficiency Patterns (NIH)
- Investigating Health and Social Media Information Disparities During the COVID-19 Pandemic (NSF)
- Modeling HIV, Viral Hepatitis, STI, and TP to Improve Public Health (CDC)
- Longitudinal Study of Obesity Patterns Between U.S.-Filipino migrants and Filipinos (NIH)
- Understanding the Broader Reach and Burden of Monetary Sanctions (Arnold Foundation)
- Innovative Spatiotemporal Pattern Detection: Examining Changes in Crime Hot Spots Across 6 U.S. Cities (Department of Homeland Security)

International Research Projects

- Health and Aging Post Conflict War's Ending Effects Among Survivors in Vietnam (NIA)
- The Long-Term Effects of War on Biological Aging: The Case of Vietnam (NIA)
- Estimating Subnational Mortality Among Children Under 5 (UNICEF)

Regional Research Projects

- Seattle and King County Population and Housing Tract-Level Forecasts (UW Population Health Initiative)
- Puget Sound Health and Wellness Project

Research to Policy

- In a quasi-experimental design, CSDE researchers evaluated how increases in the Earned Income Tax Credit (EITC) significantly decrease incidences of child neglect and maltreatment (Kovski, Hill, Rowhani).
- Poverty is growing in rural and suburban communities, but nonprofit social service network is not growing with it. Urban areas have higher concentrations of social service providers per capita than do rural and suburban communities. The mismatch is keeping rural poverty hidden (Allard and Pelletier).
- Lack of broadband access is associated with higher undercount of Native American populations on remote tribal lands (Swanson).
- A recent UK cut to family planning resources led to a substantial decline in contraceptive use, an increase in unmet need, and unintended pregnancies (Darroch).
- Crowdfunding provides substantially higher benefit only in wealthier counties with higher levels of education, demonstrating how a market-oriented digital technology used to respond to large-scale crisis can exacerbate inequalities and further benefit already privileged groups (Kenworthy).
- The eviction moratorium has been successful in preventing a surge in formal evictions during the pandemic in Seattle. However, methods of informal evictions and forced moves, such as landlords changing door locks and refusing to renew leases, have significantly increased (Fyall and Fowle).
- Mothers who witness a shooting exhibit higher levels of depression than mothers who have not. Racial disparities in exposure to gun violence further widen the health and wellness disparities gap, especially for mothers (Leibbrand and Rowhani).

In the News

- [“Ending Anti-Asian Violence Requires Urgent Action at All Levels,”](#) *Seattle Times*, D Takeuchi, March 17, 2021.
- [“Tents in Seattle Increased by More Than 50% After COVID Pandemic Began, Survey Says,”](#) *Seattle Times*, S Greenstone, April 3, 2021.
- [“4 Takeaways From Our Investigation Into ICE’s Mishandling of Covid-19,”](#) *New York Times*, I Niu and E Rhyne, April 26, 2021.
- [“Opinion: Women and Non-Binary Faculty of Color are Vulnerable One Year Into Pandemic.”](#) *South Seattle Emerald*, J Lee, C. Chen, J Padilla-Gamino, B Wamuti, A Zamora-Kapoor, KD Martin, and LT Nguyen, May 17, 2021
- [“C.D.C. Will Not Investigate Mild Infections in Vaccinated Americans,”](#) *New York Times*, R Rabin, May 25, 2021.
- [“Seattle Health Workers March to Expose Racism as a Health Crisis,”](#) *Crosscut*, H Weinberger, June 10, 2021.
- [“Inequality in the GoFundMe Economy,”](#) *New York Times*, S Ovide, June 25, 2021.
- [“The Dip in the U.S. Birthrate Isn’t a Crisis, but the Fall in Immigration May Be,”](#) *The Conversation*, A Raftery, June 25, 2021.
- [“Evictions Slowed During Pandemic but Some Washington Renters Still Faced Pressure to Move, UW Report Says,”](#) *Seattle Times*, H Groover, July 21, 2021.
- [“Beijing Loosens Rules On Hiring Graduates From Top Universities,”](#) *Times Higher Education*, J Liu, July 30, 2021.

Funding Sources

- Arnold Ventures
- Centers for Disease Control and Prevention (CDC)
- Gordon and Betty Moore Foundation
- National Institute of Aging
- National Institutes of Health
- National Science Foundation
- Rose Foundation
- Canadian Institutes of Health Research (CIHR)
- The Center for Construction Research and Training (CPWR)
- U.S. Department of Homeland Security (DHS)
- United Nations Children’s Fund (UNICEF)

Organizational Collaborations

- Arizona State University
- Colorado State University
- Deakin University (International)
- Emory University
- Louisiana State University
- Michigan Technological University
- Mount Saint Vincent University (international)
- PATH
- Stanford University
- University of Georgia Research Foundation
- University of Minnesota
- University of Kent (international)
- University of California, Los Angeles (UCLA)
- University of New York (SUNY)
- University of Technology Sydney (international)
- University of Texas at San Antonio
- University of Utah