



The Center for Studies in Demography and Ecology

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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.

Departmental Affiliations

- College of Built Environment
- College of Education
- College of Engineering
- Daniel J. Evans School of Public Policy & Governance
- Department of American Ethnic Studies
- Department of Anthropology
- Department of Biostatistics
- Department of Communication
- Department of Economics
- Department of Environmental & Occupational Health Sciences
- Department of Epidemiology
- Department of Child, Family & Population Health Nursing
- Department of Geography
- Department of Gender, Women and Sexuality Studies
- Department of Global Health
- Department of Health Metrics Sciences
- Department of Health Services
- Department of Law, Societies, and Justice
- Department of Obstetrics and Gynecology
- Department of Oral Health Sciences
- Department of Pharmacy
- Department of Psychiatry and Behavioral Sciences
- Department of Psychology
- Department of Sociology
- Department of Statistics
- Jackson School of International Studies
- School of Environmental and Forest Sciences
- School of Medicine
- School of Nursing
- 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
- Wellbeing of Families and Households

Domestic Research Projects

- Breaking Barriers to Micronutrient Surveillance Tool
- Data Science Training in Demography and Population Health
- Demography Center
- EpiModel 2.0: Integrated Network Models for HIV/STI Prevention Science
- Implications of Differential Privacy on Decennial Census Data Accuracy and Utility
- Innovative Spatiotemporal Pattern Detection: Examining Changes in Crime Hot Spots
- Longitudinal Study of Sleep Deficiency Mechanisms among Filipino Migrants
- Modeling HIV, Viral Hepatitis, STI, and TB to improve Public Health
- RAPID: Collaborative Research: Transmission of COVID-19 via breastfeeding
- RAPID: Investigating Health and Information Disparities during COVID-19 Pandemic
- Shifting Spatialities of LGBTQ Life

International Research Projects

- Health and Aging Post Conflict

Regional Research Projects

- COVID-19: Motel/Hotel PSH Intervention Evaluation
- Exploring our Future: Tract Level Population Forecasts for Washington State

Research to Policy

- Geographic Variation in Child Maltreatment and Foster Care Placement
- Washington Evictions Research Project
- Strengthening Social Policies to Promote Economic Stability During Childhood
- Perceptions and Policy Preferences to Slow or Stop Climate Change
- The Impact of a City-Level Minimum Wage Policy on Supermarket Food Prices
- Prevention of Sexual Harassment in the Agricultural Industry

In the News

- Clara Berridge “When Does Someone Become ‘Old’?” *The Atlantic*, J. Pinsker, January 28, 2020
- Donald Chi “The Dentists Lobby Continues to Oppose Low-Cost Dental Care Option in Washington,” *The Stranger*, R. Smith, February 11, 2020
- Heather Hill and Jennifer Otten “Association of State Minimum Wage Rates and Health in Working-Age Adults using the National Health Interview Survey,” *American Journal of Epidemiology*, J. Buszkiewicz, H. Hill and J. Otten, February 10, 2020
- Ann Bostrom and Nicole Errett “When It Comes to Coronavirus, We Shouldn’t Let Our Feelings Trump the Facts,” *The Guardian*, A. Bostrom and N. Errett, February 26, 2020
- Clair Yang “Are You an Anti-Influencer?” *The New York Times*, A. Stone, March 5, 2020
- LaShawnDa Pittman “The Coronavirus Is Forcing Many Colleges to Go Online Only. But Will It Work for Everyone?” *The Seattle Times*, K. Long, March 15, 2020.
- Ali Mokdad “Professor Ali Mokdad Explains IHME Model for COVID-19,” *FOX 9 Minneapolis-St. Paul*, T. Lydon, April 10, 2020
- Steve Goodreau and Martina Morris “We All Live in Bubbles Now. How Safe Is Yours?” *The New York Times*, H. Murphy, April 17, 2020.
- Alex Harris “Virginia Takes a Big Step Against Criminalizing Poverty,” *The Appeal: Political Report*, D. Nichanian, April 17, 2020
- Elizabeth Halloran “The US Is Reopening Too Soon. One Chart Shows Cases Are Still on the Rise Outside the Tristate Area.” *Business Insider*, A. Bendix, May 7, 2020
- Ruanne Barnabas “Clinical Trial Enrollment Plummets as Volunteers Are Scared off Coronavirus Drugs Promoted by Trump.” *The Seattle Times*, S. Doughton, May 9, 2020
- Eleanor Brindle “Hat in Hand: U.S. Scientists Scramble to Support Their COVID Immunity Research,” *Reuters*, N. Brown, June 16, 2020
- David Swanson “A Tale of 39 Counties: Re-opening Washington and Political Orientation,” *Northwest Citizen*, D. Swanson, June 21, 2020
- Daniel Promislow “Old Dogs, New Research and the Secrets of Aging,” *The New York Times*, J. Gorman, November 9, 2020

Funding Sources

- National Institutes of Health
- National Science Foundation
- Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
- Centers for Disease Control and Prevention (CDC)
- Alfred P Sloan Foundation
- Bill and Melinda Gates Foundation
- US Department of Homeland Security (DHS)

Organizational Collaborations

- Emory University
- University of California, Los Angeles (UCLA)
- Regents of the University of Minnesota
- PATH
- Louisiana State University
- University of Texas, San Antonio

Number of Faculty

Affiliates: 166 University of Washington Affiliates, 73 Regional Affiliates, 1 Visiting Affiliate