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## Mission Statement

At the Carolina Population Center (CPC) we believe that understanding how and why populations change over time is key to advancing the well-being of all people. Our faculty, staff, and students conduct research on population, health, aging, and the environment, and share data and findings that push the field forward and train the next generation of population scholars.

## Faculty Affiliates: 77

### Departmental Affiliations

- Anthropology
- Biostatistics
- Economics
- Environmental Sciences and Engineering
- Epidemiology
- Geography
- Health Behavior
- Health Policy and Management
- History
- Maternal and Child Health
- Medicine – Infectious Diseases
- Nutrition
- Obstetrics and Gynecology
- Psychology and Neuroscience
- Public Policy
- Social Medicine
- Sociology

## Key Areas of Research

- Aging in Diverse Contexts
- Inequality, Mobility, and Well-being
- Links Between Health and Social and Economic Productivity
- Measurements and Methods
- Population, Health, and Environment
- Sexuality, Reproduction, Fertility, and Families

## Domestic Research Projects

- Add Health (The National Longitudinal Study of Adolescent to Adult Health)
- Black–White Differences in Life Course Exposure to Death: Consequences for Health
- Dynamics of Extreme Events, People, and Places (DEEPP)
- Health Disparities: Inflammatory Response, Immune Function, and Environmental (In) Congruence
- Impact of Eliminating Nonmedical Exemptions in California
- Life Course Process of Alzheimer's Disease: Sex Differences and Biosocial Mechanisms
- Positive, Negative, and Unintended Consequences of Nutrition-related Policies on Food Purchases: Pushing Nutrition Policy Forward
- Socioeconomic and Racial Gaps in Schools: Implications for Health and Employment
- Testing Multiple Modes of Data Collection with Network Sampling With Memory

## International Research Projects

- China Health and Nutrition Survey
- Confronting Energy Poverty: Building an Interdisciplinary Evidence Base, Network, and Capacity for Transformative Change (Malawi, Rwanda, Zambia, Zimbabwe)
- Drivers and Consequences of Climate-Induced Migration in Africa (multiple countries)
- Evaluating the Impact of Sugar-Sweetened Beverage and Nonessential Food Taxes in Mexico
- Evolution of Well-being Among Older Adults (Indonesia)
- Impacts of Environment, Host Genetics, and Antigen Diversity on Malaria Vaccine Efficacy (multiple countries)
- Longer Term Effects of a Natural Disaster on Health and Economic Status (Indonesia)
- Program and Policy Options for Preventing Obesity in the Low-, Middle-, and Transitional-Income Countries: Background Research and Program Evaluation (multiple countries)
- Supporting Evidence-Based Policy Making in Sub-Saharan Africa Through the Transfer Project (multiple countries)
- Uptake and Adherence to HIV Prevention Strategies Among Adolescent Girls and Young Women in Sub-Saharan Africa (multiple countries)

## Regional Research Projects

- Providing Real-Time Response Rates for North Carolina Counties During the 2020 Census Cycle
- North Carolina COVID-19: Up-to-Date Estimates and Future Forecasts of SARS-CoV-2 Infections, COVID-19 Cases, and COVID-19–Related Hospitalizations and Deaths in North Carolina

## Research to Policy

- Barbara Entwisle was appointed to the Census Scientific Advisory Committee.
- Kathleen Mullan Harris testified before the Senate Committee on Health, Education, Labor and Pensions (HELP) Subcommittee on Primary Health and Retirement Security on High and Rising Mortality Rates Among Working-Age Adults.
- Justin Lessler advised both the CDC and White House on COVID-19 scenario modeling and testified before state legislators on the ongoing effects of the pandemic.

## Organizational Collaborations

- Agency for International Development (USAID)
- Albert Einstein College of Medicine
- Brown University
- Columbia University
- Duke University
- FHI 360
- International Food Policy Research Institute (IFPRI)
- ICFMacro, Inc.
- International Health Institute
- John Snow, Inc.
- London School of Hygiene and Tropical Medicine
- Lilongwe University of Agriculture and Natural Resources
- National Institute of Public Health (Mexico)
- Tufts University
- University of California, San Francisco (UCSF)
- University of Malawi
- University of Massachusetts
- University of Michigan Ann Arbor
- University of San Carlos, The Philippines
- University of Texas at Austin
- University of Vermont
- University of Zimbabwe
- Stockholm Environment Institute
- Westat, Inc.
- WITS Health Consortium
- WHO

## In the News

- [“More Exercise, Fewer Calories? Weight Loss Is More Complicated Than That,”](#) *USA Today*, P Gordon-Larsen, September 13, 2021.
- [“Is the Worst Over? Models Predict a Steady Decline in COVID Cases Through March,”](#) *NPR*, J Lessler, September 22, 2021.
- [“How Federal Emergency Aid Helped Offset Costs for Students in Historically Black Schools,”](#) *PBS News Hour*, F Addo, October 19, 2021.

## Funding Sources

- Agency for International Development
- Bill & Melinda Gates Foundation
- Bloomberg Family Foundation
- David and Lucile Packard Foundation
- John M. Belk Endowment
- Laura and John Arnold Foundation
- Fogarty International Center
- National Science Foundation
- National Heart, Lung, and Blood Institute (NHLBI)
- Eunice Kennedy Shriver National Institute of Child Health and Human Development
- National Institute of Diabetes, Digestive, and Kidney Diseases
- National Institute of Environmental Health Sciences
- National Institute of Mental Health
- National Institute on Aging
- National Institute on Minority Health and Health Disparities
- Robert Wood Johnson Foundation
- Russell Sage Foundation
- UN International Children’s Emergency Fund (UNICEF)
- U.S. Department of Education (DOED)
- Wellcome Trust
- William & Flora Hewlett Foundation