



CU Population Center

University of Colorado Population Center (CUPC)

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Mission Statement

CUPC brings together an interdisciplinary community of scholars, across three University of Colorado campuses, dedicated to research and training in population science with broad focus on health, migration and environmental demography. By providing administrative, technical and development support, CUPC facilitates collegial interaction and nourishes collaboration across several departments, institutes, and universities. An important aspect of the Center is a high level of collaboration between faculty and graduate students. Center affiliates explore demographic processes in the U.S. and a variety of international settings while applying their expertise to yield high quality, policy-relevant research and training. Current initiatives focus on large-scale research initiatives, complex data collection efforts, and new methodological and statistical approaches.

Number of Faculty Affiliates: 54

Departmental Affiliations

- Anthropology
- Economics
- Environmental Studies
- Geography
- Health and Behavioral Sciences (CU Denver)
- History
- Institute for Behavioral Genetics
- Integrative Physiology
- Psychology and Neuroscience
- Sociology
- School of Nursing (CU Anschutz)
- Rocky Mountain Research Data Center (RMRDC)
- Political Science
- Information Science

Key Areas of Research

- **Child and Adolescent Transitions to Healthy Adulthood**
- **Gene-Environment Interplay and Health**
- **Environmental Demography**
- **Health and Health Behavior Disparities**
- **Historical Demography and Urban Development**
- **Reproductive Health and Health Policy**
- **Migration and Spatial Demography**
- **Population Health and Socioeconomic Trends in Rural America**
- **Environmental Health, Risk, and Vulnerabilities**

Domestic Research Projects

- Adolescent Substance Abuse and Risky Sexual Behavior
- Health Lifestyles Among Children and Youth
- Social Norms and Teen Pregnancy
- Genome-Wide Association Models of Body Mass Index
- Genetic Risks, Pathways to Adulthood, and Health Inequalities
- Social and Genetic Epidemiology of Health Behaviors
- Age, Period, and Cohort Models of Obesity Disparities and Mortality
- Medical Decision-Making
- Impact of Contraceptive Access on Life Course Outcomes
- Migration and Climate Change
- Geo-Located Microdata for High Spatial Resolution Population Studies
- Environmental Inequality in Urban Areas
- Community Resilience Following Disasters
- Changes in Racial Health Differences Across Periods and Cohorts
- Migration in the 1930s: Beyond the Dust Bowl
- Environmental Implications of Land Use Change in the Great Plains
- Gender and HIV
- Natural Resource Use Among HIV-Impacted Households
- Immigrants' Mobility in Response to Labor Demand Conditions
- Health Outcomes of Mexican Immigration to the United States
- Demographic small-area estimation"
- Health and Demographic Trends in Rural America
- Population and Settlement Data Infrastructure
- Migration around US-Mexico border and societal implications
- Geospatial Data Science and Computational Social Science

International Research Projects

- Decentralized Governance, Health Care Systems, and Health in Honduras
- Conditional Cash Transfers, Education, and Young Adults in Nicaragua
- Climate Change and Migration in Mexico
- Cohort Change, Educational Disparities, and Smoking in Europe
- Epidemiology of Noncommunicable Diseases in South Africa
- Changing Environmental Conditions and Societal Conflict in East Africa
- Adolescent Problem Behavior in Informal Settlements in Kenya
- HIV, Aging, and Livelihoods in Rural South Africa
- HIV and Fertility, and HIV After 40, in South Africa and Malawi

International Research Projects cont'd

- Long-Term Effects of Family Planning Interventions for Health in Rural Bangladesh
- Children's Migration and the Health of Elderly Kin in East Asia
- Drinking Water and Arsenic Poisoning in Bangladesh
- World Economy and Greenhouse Gas Emissions
- Role of Population Size, Composition, and Distribution in Global Climate Change
- Migration and Natural Resource Livelihoods in South Africa
- Innovations in anonymization of spatial data
- Adaptation to Climate Change in East Africa
- Global Population Projection

Regional Research Projects

- Population, the Environment, and Migration on the U.S. Great Plains
- Built and Social Environment and the Health in Denver Neighborhoods
- Access to Medical Marijuana and Substance Use in Colorado
- Wildfire Mitigation Risks and Policies in the American West
- Teen Pregnancy Prevention Among Native Americans

Research to Policy

- CUPC COVID-19 modeling team updates Colorado Governor throughout pandemic.
- Climate change mitigation in low-income communities.
- Evaluating the impact of ART access on health in South Africa.
- Effect of removal of Planned Parenthood from the Texas Women's Health Program.
- Health policies to increase physical activity in the Rocky Mountain region.
- Extending a successful maternal, neonatal, and child health program into the government health system in Bangladesh.

In the News

- ["Health Risks of Smoke and Ozone Rise in The West as Wildfires Worsen"](#) *New York Times*, H Fountain, June 5, 2022.
- ["The Impact of Contraceptive Access on High School Graduation"](#) *Science Advances*, A Stevenson, K Genadek, S Yeatman, S Mollborn, and, J Menken, May 5, 2021.
- ["Effect of the Covid-19 Pandemic in 2020 On Life Expectancy Across Populations in The USA and Other High-Income Countries: Simulations of Provisional Mortality Data,"](#) Pubmed, S Woolf, R Masters, L Aron, June 23, 2021
- ["Risky Development: Increasing Exposure to Natural Hazards in the United States,"](#) *PubMed*, V Iglesias, A Braswell, M Rossi, M Joseph, C McShane, M Cattau, M Koontz, J McGlinchy, R C Nagy, J Balch, S Leyk, and, W Travis, July 12, 2021.

Funding Sources

- Annie E. Casey Foundation
- AXA Insurance
- Environmental Protection Agency (EPA)
- Eunice Kennedy Shriver National Institute of Child Health and Human Development
- European Commission
- Hewlett Foundation
- National Academy of Sciences
- National Science Foundation
- National Institute on Aging
- National Institute on Drug Abuse
- National Institute of Mental Health
- Office of Behavioral and Social Science Research, Office of the Director
- Population Reference Bureau (PopPov Network)
- Russell Sage Foundation

Organizational Collaborations

- Be Healthy Denver
- City University of New York
- Cooperative Institute for Research in Environmental Sciences (CIRES)
- Joint Research Center (JRC)
- National Center for Atmospheric Research
- Population Council
- The Nature Conservancy
- University of Colorado Denver, Center for Global Health
- University of Colorado Denver, Department of Health and Behavioral Sciences
- University of Colorado School of Public Health
- University of the Witwatersrand
- University of North Carolina Chapel Hill