

Geospatial & Population Studies (GPS) is a UNM Level 3 Research Center with a \$1.4 million annual budget funded primarily by recurring agreements with New Mexico state agencies. Robert Rhatigan has served as director since 2020, and staffing includes 11 FTE staff and 10-15 student employees.

## Demographic Research Unit

- GPS serves as the New Mexico State Demographer's Office and New Mexico's Liaison to the US Census Bureau
- Core funding is provided by a ~\$400,00 Research and Public Service Project (RPSP)
  - Primary deliverables include annual population estimates and triennial population projections
- GPS plays a central role in New Mexico's decennial Census operations
  - Appointed by Gov. Martinez as liaison to Local Update of Census Addresses program in 2018
  - Appointed by Gov. Lujan Grisham to Statewide Complete Count Commission in 2019
- Recurring Partnership with the New Mexico Department of Health to provide detailed small-area population estimates.
  - GPS piloted an opioid epidemic spatial dashboard in 2021 for NMDOH with funding from the CDC
- Previous partnerships with state agencies include:
  - NM Department of Finance and Administration
  - NM Taxation and Revenue Department
  - NM Public Schools Facilities Authority

## Traffic Safety Research

- GPS conducts traffic crash research for the New Mexico Department of Transportation with ~\$1 million in annual contracts
- UNM has performed crash data analysis for NMDOT since at least 1979
- Since 2012, GPS has done secure Data Entry and Database Management

## One University Partnerships

- UNM Prevention Research Center
  - Virtual Home Visiting research funded by US Health Resources and Service Administration
  - Phase 1 – Analyzing broadband access for households with children 0-4 years of age
  - Phase 2 – Analyzing broadband access for households with children 5-17 years of age
- Chronic Renal Insufficiency Cohort with UNM Department of Internal Medicine
  - Geolocating study subjects and location of food-related businesses
  - Advising PIs on geospatial analysis
- UNM Grand Challenges
  - 2019 Level 1 award for successful aging: Intergenerational support among Vietnamese Residents and Service Usage Among Aging Asian New Mexicans
  - Partnered on two level 2 applications.
    - ❖ Southwest housing justice research grand challenge
    - ❖ Health Services Research Collaborative to Increase Equity in Healthcare Utilization and Bolster New Mexico's Clinical Workforce

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## GPS Mission Statement:

Geospatial and Population Studies supplies trustworthy information that serves communities and government agencies; offers cutting-edge technology and research methods; and provides a fertile training ground at UNM for a new generation of applied researchers and decision makers.