PROGRAM DIRECTOR/PRINCIPAL INVESTIGATOR (LAST, FIRST, MIDDLE):  Hanson, Heidi A.

PROJECT SUMMARY (See instructions):
Ambient air pollution is one of the greatest environmental threats to human health, with approximately 3.7 million, or 6%, of deaths globally per year contributed to the noxious problem. A recent statement from the American Heart Association called for a better definition of susceptible individuals or vulnerable populations. This study uses a comprehensive population-based resource, the Utah Population Database (UPDB) linked to Centers for Medicare and Medicaid Services (CMS) records from 1992 - 2009 to study the effects of ambient air pollution on morbidity and mortality in the 65+ population. We examine the relationship between air pollution and cardiovascular and pulmonary morbidity and mortality for socioeconomically disadvantaged individuals, individuals with preexisting conditions, and individuals with chronic comorbid conditions in this population. This study will significantly improve our understanding of the heterogeneous effects of increased levels of ambient air pollution in the population over age 65.

RELEVANCE (See instructions):
Air pollution is a serious threat to public health and more research about the adverse effects of exposure in the population over age 65 is needed. This study will improve our understanding of the adverse effects of air pollution in vulnerable groups over age 65.

PROJECT/PERFORMANCE SITE(S) (if additional space is needed, use Project/Performance Site Format Page)

Project/Performance Site Primary Location

Organizational Name: Pedigree and Population Resources, Huntsman Cancer Institute, University of Utah
DUNS: 009095365
Street 1: 675 Arapeen, Ste. 200
City: Salt Lake City
County: Salt Lake
Province: 
Country: 
State: Utah
Zip/Postal Code: 84112

Project/Performance Site Congressional Districts:

Additional Project/Performance Site Location

Organizational Name:
DUNS:
Street 1: 
Street 2: 
City: 
County: 
Province: 
Country: 
State: 
Zip/Postal Code:

Project/Performance Site Congressional Districts: