



JOB TITLE	<u>Staff Scientist I</u>	ORG. UNIT	<u>Research</u>
SUPERVISOR	<u>Research Scientist III</u>	STATUS	<u>Full time / Regular</u>

PURPOSE OF POSITION:

- To support the expansion of a population-based research program in neighborhood factors and cancer health disparities
- To provide epidemiological support for several funded studies involving GIS; large, multilevel databases; and multidisciplinary collaborators and study staff
- To contribute GIS expertise in epidemiological projects
- To support the development and submission of grant applications
- To provide data management and statistical analysis for several multilevel epidemiologic projects
- To publish as lead author or co-author on scientific manuscripts
- To participate in professional and CPIC committee(s) and working groups

PRINCIPAL DUTIES:

1. Provide epidemiological and project management oversight on several funded studies. This includes having primary responsibility for particular scientific and administrative aspects of these studies, including coordinating collaboration with scientific and community partners; overseeing the preparation and coordination of IRB and related applications; and writing progress reports.
2. Contributes to the development, preparation, and submission of grant applications. This includes designing original and innovative approaches, writing aspects of the application, coordinating the transfer of materials from collaborators, etc.
3. Maintains a high level of expertise in applied epidemiological methods and techniques, particularly those relating to GIS and geospatial data, studies of neighborhood factors, population-based studies, outcomes studies, and sociocultural and immigrant issues. Explores and makes recommendations about different study designs and new methods of analyses.
4. Conducts data analyses for selected projects, applying a broad knowledge of analytic methods and using relevant statistical programs, and consulting with biostatisticians and other programmer analysts as appropriate.
5. Works as part of authorship teams and publishes as lead or co-author in peer-reviewed journals.
6. Carries out related assignments as appropriate.

QUALIFICATIONS:

- Ph.D. in epidemiology or related discipline required, and a minimum of two years of post-graduate research experience, preferably in population sciences.
- Comprehensive knowledge of epidemiologic principles and methods.
- Experience in GIS and analyses of geospatial data.
- Experience using SAS and other related software.
- Experience in grant writing preferred.
- Supervisory and project management experience preferred.
- Excellent oral and written communication skills. High degree of attention to detail and organization required.
- Self-initiating; ability to work independently and to work on multiple projects simultaneously to meet deadlines.
- Ability to maintain effective relationships with other scientific staff.