STATISTICIAN
for large multisite project on urban health in Latin America

We are seeking a Statistician to oversee data and analytical aspects of a large, multisite, international urban health research project involving several institutions across the United States and several countries in Latin America.

Key aims of the project are (1) to study the links between urban environments and health using a newly created longitudinal database; (2) to conduct policy evaluation in partnership with stakeholders; (3) to use systems approaches to evaluate potential policy impacts; and (4) to conduct dissemination and outreach to scientists, the public and policy makers.

The project is based at the Urban Health Collaborative at the Dornsife School of Public Health and directed by Ana V. Diez Roux. The Statistician will work closely with the study Principal Investigator and the Project Manager, Latin American Cities Project to oversee all data and analytical aspects of the project.

Responsibilities include:

- Coordinate the compilation, harmonization and linkage of multiple diverse datasets from various cities in Latin America, including mortality, survey, cohort, hospital discharge and other datasets as necessary. Interact with local data teams to acquire, process, and harmonize data.

- Coordinate the georeferencing of multiple datasets and the linkage of data to geographic data in collaboration with GIS experts on the team and at the country sites. Coordinate linkage of country-specific or neighborhood data with data compiled by the resource cores or other entities associated with the project.

- Develop and maintain detailed documentation for all data.

- Develop and manage a process to provide access to data for various project Investigators. Track data requests and ensure data confidentiality as necessary.

- Conduct data analyses including multilevel and longitudinal analyses under the direction of the Principal Investigator or other project Co-Investigators.
-Provide analytical consultation to Investigators and local country staff on various statistical analyses and assist with specific data analyses as indicated by the Principal Investigator.

-Assist students, postdocs and other trainees with various data and analytical aspects related to the project.

-Coordinate and manage a central data repository for the study and facilitate the transition to a public resource as the project develops.

-Leading, supervising, coordinating, and implementing various activities related to the compilation, processing, documentation, and analysis of various data sources (including longitudinal data) that can be used to categorized and study various urban health issues, including longitudinal studies of neighborhood health effects.

Qualifications:

Masters in statistics, biostatistics or related quantitative field

3+ years of experience managing and analyzing data for complex multisite research

Very detail oriented, extremely organized, and comfortable with multitasking

Possess excellent oral, written, analytical, organizational, and interpersonal skills

Advanced data compilation and data management skills

Experience supervising trainees and other analysts

Team oriented and experienced working with diverse groups of investigators and trainees

Outstanding knowledge of SAS or Stata, working knowledge or ability to quickly learn other statistical programs as needed

Ample experience with complex analyses including longitudinal and multilevel. Experience with spatial analyses highly desirable

Experience drafting manuscripts for publication in peer-reviewed journals

Fluent knowledge of Spanish or Portuguese is desirable but not required.

Interested applicants, please apply at www.drexeljobs.com, Requisition Number 8010, Department Number 6915 – SPH Urban Health Institute.