Position Title: Data Analyst

Job Overview:
We are hiring a data analyst. This position will manage complex, linked datasets, create appropriate documentation, and conduct data analysis in collaboration with investigators, trainees and other analysts at Drexel University and at other institutions. They will also assist in developing manuscripts and data briefs for presentation and publication for multiple projects housed at the Urban Health Collaborative.

The position requires a detail-oriented and organized individual who will conduct data programming, management, data documentation, and data analysis activities.

The position is based at the Urban Health Collaborative (UHC) at the Dornsife School of Public Health and will work closely with data teams and project staff at the Collaborative. The Collaborative was created to leverage the power of data, research, education, and partnerships to make cities healthier, more equitable, and environmentally sustainable. Our overall mission is to improve health in cities by increasing scientific knowledge and public awareness of urban health challenges and opportunities, and by identifying and promoting actions and policies that improve population health and reduce health inequities. The UHC has expanded rapidly in the five years since its inception to become the robust center known nationally and internationally for its urban health work that it is today. The Collaborative is made up of over 25 staff members and over 30 faculty from across the University.

Essential Functions:
• Compile and link multiple datasets, including mortality, survey, cohort, hospital discharge and other datasets as necessary. Interact with members of the data team and GIS experts to acquire and clean data.
• Develop and maintain detailed data documentation.
• Programming for development of analytical datasets to be used in statistical analyses.
• Conduct data analyses including multilevel and longitudinal analyses under the direction of the Principal Investigators or other project Co-Investigators for manuscripts, abstracts, and community data briefs.
• Fulfill data requests as needed from faculty, staff, and student researchers. Track data requests and ensure data confidentiality as necessary.

Secondary Functions:
• Aid in preparation of project reports
• Assist Master's and PhD students with programming and statistical inquiries.

Required Qualifications:
• Education
  o Master’s degree in statistics, biostatistics, epidemiology, or related
quantitative field.

- **Software.**
  - Intermediate/advanced knowledge of SAS and/or R
  - Working knowledge of other statistical software such as STATA, SPSS, Win-Bugs
- **2+ years of experience working managing and analyzing data**
- **Knowledge of statistics including longitudinal and multilevel analyses**
- **Very detail oriented, extremely organized**
- **Strong independent learning skills**
- **Ability to work in a multi-disciplinary team**
- **Excellent English oral and written skills**

**Preferred Qualifications:**

- **Dataset experience**
  - Federal government datasets (Census, National Vital Statistics System natality and mortality files)
  - Geographically referenced datasets and mapping
- **Experience with visualization tools (Tableau, D3, R Shiny or other tools)**