Job Description

Job Title: Research Data Analyst Lead (Biostatistician)  
Department: MED- Ctr for Health Info. Partnerships

Job ID: 33105  
Percent Full Time: 100

Location: Chicago Campus  
Grade: EXS 9

Job Summary:

This position leads research data management and analysis team involved in querying, extracting, managing and analyzing multiple, complex datasets ensuring data integrity, quality, and timeliness of results. The Research Data Analyst Lead (Biostatistician) oversees the deployment of reporting and analytical solutions. This role serves on related committees and task forces.

This position provides analytical and statistical support for center research programs, contributes to the conceptualization and design of research studies and data analysis projects and supports dissemination of research products.

The mission of the Center for Health Information Partnerships (CHiP) is to bring people, communities, and data together to enable everyone to live their healthiest lives. Utilizing new ways of thinking, innovative methods, and interdisciplinary partnerships, we aggregate and analyze health information across institutions and disciplines to positively affect individual and population health. CHiP has a vision for “information-driven health for all.”

Specific Responsibilities:

Strategic Planning

- Manages and plans for data/analysis requests and projects.
- Provides consultation to customers on appropriate data management, methodological issues and statistical analyses.
- Collaborates with technical staff explaining needs of functional users.

Administration

- Designs and prepares documentation for data management and/or data analyses.
- Performs descriptive analyses for clients.
- Creates data tables and graphs.
- Writes reports for presentation and publication.
- Presents results at internal/external meetings.
Development

- Manages research and analysis using several databases and/or data tables.
- Determines appropriate sources of data based on requests.
- Designs and writes programs for data entry, data editing, data management, periodic reporting, and quality control monitoring and statistical analyses.
- Prepares and analyzes reports/data
- Extracts required data.
- Determines and coordinates the completion of statistical analyses using appropriate applications.

Performance

- Develops and tests reports and analysis.
- Identifies and work with data stewards to resolve data conflicts

Supervises

- Provides work direction and/or supervises staff such as team members, subordinates, contractors, vendors, students, etc.
- Recommends staff hires/terminations.
- Coaches and mentors staff.
- Manages projects ensuring timelines and deliverables are met and meet expectations.

Other duties as assigned.

Minimum Qualifications:

- Successful completion of a full 4-year course of study in an accredited college or university leading to a bachelor’s or higher degree; OR appropriate combination of education and experience.
- 6 years data analysis/report writing or similar experience required.
- Any statistical program (SAS, STATA, R), and SQL
- Please see information highlighted in tables below.
  - Infrastructure (extends across applications)
    - Microsoft Office (Word, Excel, Powerpoint, Access, Outlook)
    - SQL/MySQL/Postgres
  - Programming Languages and Frameworks
    - SAS.

Minimum Competencies: (Skills, knowledge, and abilities.)

- Strong SQL skills, or capacity to acquire these; must be able to pass the NM Enterprise Data Warehouse (EDW) PowerUser test

Preferred Qualifications: (Education and experience)
- Master’s degree in biostatistics, data science, public health or related discipline
- Experience working with an EDW or other similarly complex data repository
- Previous work or volunteer experience in a health care setting

Preferred Competencies: (Skills, knowledge, and abilities)

- Strong SAS skills
- Strong Stata skills
- Geographic information systems experience

As per Northwestern University policy, this position requires a criminal background check. Successful applicants will need to submit to a criminal background check prior to employment.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.