

Job Description / Title : Statistical Analyst / Programmer 2
Department: MED-General Internal
Job ID: 17090
Percent Full Time: 100.00
Location: Chicago Campus
Minimum to
Midpoint Salary: TBD
Grade: EXS 9

Job Summary:

Responsible for data management and statistical programming components of multiple research projects within the Division. Most importantly this person will have a leadership role in querying, extracting, managing and analyzing data from electronic health records for quality improvement and research. This leadership role will include training other programmers to conduct quality improvement and research projects using electronic health record data.

Principal Responsibilities:

Use statistical software to conduct analyses of research data.

Design and write computer programs for querying electronic health records using the SQL platform.

Design, create and maintain databases for clinical and health services research, with emphasis on querying Epic Clarity databases, including supervising other programmers.

Design and write computer programs for data entry, data editing, data management, periodic reporting, quality control monitoring and statistical analyses.

Prepare system documentation and forms in support of these databases.

Interpret results of analyses and assist in the narrative description of results for use in presentations and publications.

Provide consultation to investigators on appropriate data management and analytical strategies.

Train other programmers to conduct queries of electronic health record data and maintain research databases.

Minimum Qualifications:

Bachelor's degree plus graduate coursework in the field of Biostatistics, Epidemiology, Informatics, Computer Sciences, or related clinical or scientific field.

Minimum of four years experience in research-related programming, data management, and statistical data processing;

Thorough working knowledge and experience with SQL, Oracle PL/SQL, Oracle database systems;

Thorough working knowledge and experience SPSS, SAS and other statistical software applications;

Possesses working knowledge of medical and research terminology.

Proficient in MS Office.

Communicates effectively one-to-one, in small groups and in public speaking contexts; writes precise, well-organized emails, letters and proposals while using appropriate vocabulary and grammar.

Strong problem solving skills.

Flexible/Adaptable to changing demands/situations.

Preferred Qualifications:

Master's degree in Computer Science or Health Informatics;

Previous experience conducting queries of electronic health record data, especially Epic, Center Powerchart, or General Electric Centricity or Logician systems.

Contact Person:

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