

Imagine Yourself Here: At Aurora Health Care we believe that each of us can use our knowledge, experience and creativity to help people live well. We're a non-profit organization with a clear vision of providing people with better health care than they can get anywhere else. Our strength stems from teamwork and collaboration among a talented and diverse group of professionals.

[Better choice. Better career. Better life.](#)

Job Title Biostatistician-Research Administration

Facility Aurora Health Care Metro, Inc.-100

City Milwaukee

State WI

Schedule Full Time: Mon - Fri 7:30 - 4:30

Req # (optional) 87208BR

Explore a Career In Research Administration

Job Description **Imagine yourself working with this team...**

At Aurora Health Care, the Biostatistician serves as an internal and external consultant on statistical tools and techniques relative to analysis and reporting of data on research, cost analysis and clinical safety. Provides technical services in support of departmental clinical data systems and interfaces. Provides support for improvement projects and/or ongoing measurement in achieving their goals of high quality, safe, cost effective patient care. An integral part of Research Administration, reporting to Director of Investigator Initiated Research. **Imagine yourself...**

- Facilitates/devises, implements and documents effective data transfer procedures to address complex information needs, adding to the capacity and limitations of the hardware and software, operating time and results desired by users.
- Develops statistical high-risk clinical models.
- Develops models for survival and longitudinal data analysis.
- Serves as an internal consultant for the department on technical computer hardware and interface issues, and as liaison with Corporate Information Services on those issues as needed.
- Collaborates with physicians, research scientists, administrators/management, medical staff, team leaders, QM Coordinators, data support staff and others to design data management for chartered/other interdisciplinary projects and/or ongoing performance measurement. This includes determining analytical methodologies, appropriate statistical sampling, statistical data interpretations, and reporting format and content.
- Provides consultation on statistical methodology to the

Research and Medical Staff on data analysis and/or research projects. Provides the Medical Staff Office, Research Staff and others with needed data, graphics, and/or documentation; facilitates appropriate reporting of performance measurement and improvement activities within established schedules/timelines.

- Selects and applies appropriate statistical techniques to analyze clinical and/or other related data.
- Develops easily understood, meaningful displays of data for scientists, physicians, administrators and others to facilitate analysis and interpretation.
- Develops programs to extract data from multiple data warehouses for statistical analysis.

**General
Qualifications**

- Advanced level knowledge of statistics/biostatics or related field preferably in areas of epidemiology, or medical informatics, equivalent to that which would be acquired by completing a accredited master's degree program.
- Knowledge, skills and abilities required to perform this job are typically acquired through four years of progressively responsible in a medical setting.
- Must be proficient in the use of Microsoft Office (Excel, Access, PowerPoint and Word) or similar products. Ability to read: oracle discover and oracle reports.
- Demonstrated thorough understanding of database design and management and statistical process control (SPC) techniques. Full knowledge of all phases of applications systems analysis and programming.
- Demonstrate knowledge and understanding of applications and technical components of an Information system including basic hardware, platforms, applications, operating systems and database.
- Strong knowledge of SAS.
- Must have excellent communication skills to effectively interact with internal and external customers.
- Must have ability to bridge the gap between the clinical problem and statistical formulation.

* US citizen or Permanent US resident.

**Discover the
Benefits:**

Imagine a work environment where you are valued for finding better ways of caring for our patients and are offered flexibility, mobility and growth through a wide range of career options. With Aurora you'll find a diverse and comprehensive blend of benefits designed to make your life better both inside and outside of the workplace.

To apply, go to:

<http://www.aurorahealthcare.org/jobs/opportunities/default.aspx>

and search using keyword: 87208BR