



## [APPLY ONLINE](#)

### **Position Summary**

**POSITION TITLE:      Biostatistician I**

#### **Purpose**

The Center for International Blood and Marrow Transplant Research (CIBMTR) provides a unique resource of data and statistical expertise to the scientific community for addressing important issues in hematopoietic cell transplantation and cellular therapies. The Biostatistician I is responsible for meticulous data management and analysis for multiple ongoing research studies, including data cleaning, description of patient populations, analysis and interpretation of data and conducting outcome analysis. Directs the progress of research studies including management and coordination. Support investigators, scientists and physicians in the development of moderately complex study design, preparation of scientific reports, manuscripts and materials for presentation at national and international meetings.

#### **Primary Functions**

##### ***Research:***

- Serve as the primary statistician for CIBMTR research studies and independently collaborate with principal investigators in the development and implementation of complex datasets.
- Support principal investigators in moderately complex study design; prepare preliminary study tables to assess study feasibility and determining final study population.
- Prepare moderately complex datasets. Write SAS programs to create or verify key analysis data sets and TLFs.
- Performs descriptive, univariate, and multivariate (with PhD statistician supervision) analyses.
- Provide project management for studies and projects to ensure the timely and accurate completion of analyses, reports, and submission of studies for publication.
- Review clinical study reports and assist in manuscripts submitted for publication.

##### ***Innovation:***

- Collaborate with Data Operations staff to resolve data inconsistencies for research studies and projects. Collaborate in standard processes to resolve data inconsistencies.

##### ***Registry Support:***

- Respond to requests from physicians, patients, pharmaceutical and insurance companies, the media, state and federal government agencies through the CIBMTR Information Request Process.
- Collaborate on the development of program materials including educational materials, training manuals, marketing materials, websites, and reports.
- Participate on appropriate committees relevant to the advancement of CIBMTR Statistical Operations activities.
- Assist in the writing of grants and peer-reviewed scientific publications, providing expertise and statistical content regarding the statistical analysis plan, study population, statistical methodology and description of results.

- Collaborate with the Statistical Operations administrative staff to support the management of the CIBMTR Scientific Committees.

**Secondary Functions:**

- Perform other duties as assigned.

**Knowledge - Skills - Abilities**

- Knowledge: Research study design methods, independent problem solving, decision making, statistical analyses.
- Skills: Programming experience with statistical analysis programs, logistic regression and survival analysis, research writing for publication, interpersonal communication and networking, independent research project management, written, oral and presentation skills required. Microsoft Office computer software and Internet skills.

**Organizational Structure**

Building: Froedtert Clinical Cancer Center  
 Department: Medicine  
 Division: CIBMTR  
 Reports to (Title): Biostatistician II, Statistical Operations and Clinical Outcomes Research

Direct Reports (Titles): Not Applicable  
 Collaborates with (Titles): CIBMTR Scientific Directors, Statistical Directors, Program Directors, Programmer Analysts; Principal Investigators of Research Studies

**Specifications**

*Appropriate education and/or experience may be substituted on equivalent basis*

Minimum Required Education: Master’s degree

Minimum Required Experience: 1 year

Preferred Education: Master’s degree in Biostatistics or closely related biomedical field where biostatistical design and analyses comprised the primary course of study. Application in statistical analysis of data from large, long-term, observational epidemiological research studies.

Preferred Experience: Experience preferred in performing statistical design/analysis of data from large, long-term, observational epidemiological research studies, advanced knowledge of one or more programming languages. Knowledge of data structures and data science techniques. Ability to plan, create, program, and manage complex statistical computer databases. Strong analytical communication, critical thinking, and problem-solving skills. Excellent time management skills and ability to multi-task and prioritize projects. Recent Masters level graduates will be considered.

Field: Statistics

Certification: NA

### **Classification**

Grade Name: 714

Full-Time Equivalent: 1.0

FLSA Status: Exempt

FLSA Test: Learned Professional

Workweek: Full-time role with expectations for coverage during core business hours and flexibility required as necessary to accommodate business needs.

Job ID: 274

Job Name: Biostatistician I

Position Category: Research Services (RS)

### **Job Scope**

*Complexity* – regularly applied judgment to accomplish tasks; develops policies and procedures

*Impact* – errors may cause moderate to serious damage, accuracy highly important

*Autonomy* – performs work independently with regular check-ins; supervision available as needed

*Communication* – occasionally resolves conflicts; adapts communication style to audiences

*Responsibility* – advises others

*Confidentiality* – regularly prepares and uses confidential information

*Leadership* – acts as a role model

### **Physical Requirements**

Work requires occasionally lifting moderate weight materials, standing, or walking continuously.

### **Risk Potential**

Little or no exposure to hazards such as dust, fumes, or extreme temperatures, airborne or blood borne pathogens, extreme temperatures, or allergens.

### **Sensory Acuity**

Ability to detect and translate speech or other communication required. May occasionally require the ability to distinguish colors and perceive relative distances between objects.

### **Work Environment**

Occasional exposure to dust, noise, temperature changes, or contact with water or other liquids. Work is performed in an environmentally controlled environment.

### **Performance Dimensions**

**Collegiality:** Exhibit confidentiality, honesty, and actions that build trust and strengthen relationships. Listen to others and effectively communicate in a clear and concise manner through written and verbal communication. Demonstrate respect and commitment to the values of diversity and equity; seek out and incorporate diverse perspectives into decision making.

**Excellence and Creativity:** Exhibit initiative and ingenuity by taking ownership of tasks to proactively improve services, avoid problems, or develop opportunities. Generate novel and valuable ideas to impact institutional missions. Identify and implement new methods to increase efficiency and quality.

**Education and Development:** Displays an ongoing commitment to continuous learning and self-improvement in one's area of responsibility. Actively seek out mentorship and learning opportunities that can be applied to current and future work activities. Develop and maintain professional affiliations. Participate in design, development, and/or evaluation of instructional materials, methods, courses, or programs.

**Agility and Judgment:** Remain flexible and versatile in rapidly changing environment and adapt quickly to changing circumstances. Change behavioral style or method of approach when necessary to achieve a goal. Make timely and sound decisions based on analysis of information, experience, and logic. Show reliability and accountability in the successful completion of all work.

**Stewardship and Institutional Citizenship:** Support transformational change to achieve institutional vision and strategies. Be an active and thoughtful participant in institutional initiatives, meetings, and committee work. Conserve resources and use in an efficient and cost-effective manner across all institutional missions. Look for ways to improve and promote quality within area of influence.

### **Disclaimers**

**Background Check:** Employment in this position may be contingent upon successfully completing a background and criminal history check, caregiver background check in accordance with the Wisconsin Caregiver Background Check. Law, physical examination, and / or driving record check.

**Equal Opportunity Employer:** The Medical College of Wisconsin is an affirmative action / equal opportunity employer and does not discriminate in hiring or employment on the basis of age, sex, race, color, religion, national origin, veteran status, disability, or sexual orientation.

**Diversity and Inclusion:** The Medical College of Wisconsin defines diversity as a commitment to recognizing and appreciating the variety of individual differences in an environment that promotes and celebrates individual and collective achievement. The diversity of MCW continues to be an important source of innovative ideas and creative accomplishments.

**Confidentiality:** Employees that have access to MCW, affiliate, subsidiary, or student data or Protected Health Information

(PI), or research protected information are obligated to protect the confidentiality and proper use and access of this information in order to prevent loss, misuse, unauthorized access, unnecessary identification, or security breaches.

**Completeness:** This job description is not an employment contract and the Medical College of Wisconsin may modify this document at any time. This document is intended to indicate the types of tasks and levels of skill, effort, and responsibility required by positions assigned this title. This information shall not be construed as a declaration of the specific duties and responsibilities of any particular position. It is not intended to limit or modify the right of any supervisor to assign, direct, and control the work of direct reports. The functions described are not to be interpreted as exclusive or all-inclusive of the various functions performed.