Senior Biostatistician

The University of New Mexico Clinical and Translational Science Center (CTSC) invites applications for a non-clinical, PhD-level staff biostatistician to support clinical and translational research.

The CTSC is a Health Sciences Center initiative to integrate and expand the reach of clinical medical research from the laboratory to clinical and medical practice: promoting a bench to bedside to community effort. The National Institutes of Health (NIH) promotes this emphasis on clinical and translational research nationally, to facilitate the expansion of clinical research, the training of clinical research and the emergence of community voice in the direction and implementation of clinical research.

The primary role of the Biostatistician will be to provide biostatistical support to researchers and ongoing research programs. The biostatistician may be expected to teach a biostatistics course in the Master's Degree in Clinical Research Program. This person may also develop their own program in methodological research or biostatistics or participate in extramural grant submissions and research programs.

Duties and Responsibilities

1. Design, analyze, and implement targeted statistical studies, which are geared to further medical knowledge and the improve research efforts in public health
2. Work with investigators to formalize analysis plans and reporting specifications; advises as to choices of medical statistical analysis strategies, reliability of measurements and identifiability of models, and interpretation and presentation of medical statistical results
3. Provide high complexity statistical support to assigned clinical trials, scientific projects and programs, such as performing standard statistical analysis procedures with model specification and inference including generalized linear regression and generalized linear mixed models
4. Provide high complexity clinical trial statistical analyses and sample size justification assessments, as requested
5. Create analysis plans and study design of clinical trials, prospective cohort studies and observational studies including sample size/power calculations and missing data
6. Ability to think critically, develop unique solutions when necessary, and communicate and write analysis approaches
7. Provide accurate interpretations of statistical results
8. Assist with manuscript and grant preparation
9. Provides responses to statistical issues arising in regulatory, quality and compliance, clinical or other legal settings as required
10. Builds and maintains strong collaboration with different disciplines across the University in order to identify and meet their needs for statistical support
11. May represent Biostatistics on clinical and pre-clinical project teams as required
12. Provides professional statistical support to clinical development teams
13. Reviews and provides analysis of safety reporting, biomarker analyses and other aspects of clinical trial monitoring
14. Under supervision, able to handle requests from regulatory agencies, local IRB and ethical committees and other health authorities
15. Interacts with team members across functional areas and multiple studies as requires
16. Ensures timeliness and high quality of Biostatistics deliverables
17. Supports staff to resolve statistical or technical issues
18. Assists in preparation of clinical trial documents, including clinical protocols, investigator brochures, statistical analysis plans, and other, as needed
19. Serves on internal and external committees (i.e., with collaborating partners) to provide statistical perspective
20. Assists in the preparation of clinical study reports, scientific abstracts and peer-reviewed manuscripts
21. Interact with external collaborators and statistical consultants
22. Performs miscellaneous job-related duties as assigned.

TERM APPOINTMENT; FUNDING AVAILABLE THROUGH 03/31/2021; CONTINUANCE BEYOND THAT DATE SUBJECT TO AVAILABILITY OF ADDITIONAL FUNDING. The CTSC is a grant funded facility and the CTSC grant has been renewed for another 5-year award.

**Minimum Qualifications:** Doctorate's degree; at least 5 years of experience directly related to the duties and responsibilities specified.

Completed degree(s) from an accredited institution that are above the minimum education requirement may be substituted for experience on a year for year basis.

**Preferred Qualifications:**

- Doctorate degree in Biostatistics or equivalent and 5 years of Biostatistics experience
- Must have a demonstrated knowledge of major statistical packages (e.g. SAS, R, or STATA)

**How to Apply:** To be considered for the position, please apply at [https://unm.csod.com/ux/ats/careersite/18/home/requisition/13027?c=unm](https://unm.csod.com/ux/ats/careersite/18/home/requisition/13027?c=unm).