Postdoctoral Associate - Biostatistics

Duke University is seeking a successful postdoctoral associate in the Department of Biostatistics and Bioinformatics (www.biostat.duke.edu). Duke University is regularly ranked among the top research institutions in the US and worldwide. It is located in Durham, North Carolina.

Position Description: The primary objective is to identify and validate predictive biomarkers of clinical outcomes in men with advanced prostate cancer who were enrolled in a randomized phase III trial. Another objective is to update a prognostic model of overall survival by integrating molecular and GWAS data. The research will lead to both collaborative and methodological publications in high-quality, peer-reviewed journals. The primary responsibilities of this position involve building prognostic models, validating models and co-authoring manuscripts. Other opportunities include gaining experience with writing manuscripts.

Qualifications: Candidates must have: a doctoral degree in statistics or biostatistics; solid training in statistical methods and experience in analyzing clinical trials data. The applicant must have excellent communication skills (verbal and written), strong programming skills in R with proficiency in UNIX/Linux system. Being able to work as part of a team as well as independently are important skills. Knowledge of survival analysis models and experience in cancer trials would be preferred.


Application Deadline: If interested in this position, please apply online on the Duke HR website using the following link:


Consideration of applications will begin immediately, and will continue until the position is filled. Interviews will be conducted until the position is filled and appointment will be made for a two-year contract.

Duke University is an Affirmative Action/Equal Opportunity Employer committed to providing employment opportunity without regard to an individual's age, color, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or veteran status. Duke also makes good faith efforts to recruit, hire, and promote qualified women, minorities, individuals with disabilities, and veterans.