## Positions: Postdoctoral Associate – Biostatistics

Duke University is seeking several successful postdoctoral associates 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:** Several positions are available to develop innovative statistical methods in clinical trial design, variable selection methods in high dimensional data that will predict clinical outcomes (such as overall survival), missing data and meta analyses. The successful candidates will collaborate with investigators within and outside Duke University. The objectives of these projects are: to identify and validate surrogate endpoints of overall survival using data from cancer clinical trials in patients with cancer; to identify and validate predictive biomarkers of clinical outcomes in cancer; and perform meta- analyses using the Bayesian framework. These projects will lead to both collaborative and methodological publications in high-quality, peer-reviewed journals.

**Qualifications:** Candidates must have the following: 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. For the meta-analysis project, Bayesian background with experience in hierarchical modelling and mixed effect models is preferred. For the other positions, knowledge in survival analysis, machine learning, bioinformatics in omics data is desired.

Interested candidates please apply online on the Duke Careers website at this link: https://careers.duke.edu/job-invite/230661/.  The application needs to include: CV and statement of research interests and three names of references.

Consideration of applications will begin immediately, and will continue until the positions are filled. Appointments will be made for two-years with the possibility of renewal.

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Duke aspires to create a community built on collaboration, innovation, creativity, and belonging. Our collective success depends on the robust exchange of ideas—an exchange that is best when the rich diversity of our perspectives, backgrounds, and experiences flourishes. To achieve this exchange, it is essential that all members of the community feel secure and welcome, that the contributions of all individuals are respected, and that all voices are heard. All members of our community have a responsibility to uphold these values.