**Job Description: Biostatistician Internship**

GenomeDx Biosciences is a dynamic entrepreneurial molecular diagnostics company focused on cancer genomics. Whether in the cloud with big data, or on the phone with patients, our innovators are working hard to deliver usable genomic information into the hands of physicians and patients: information for life.

Our team is constantly learning from each other, from patients and from urologic oncology professionals in world-renowned cancer institutions. Our team works in multi-disciplinary, collaborative project teams that enable us to respond effectively to an evolving, growing, data-driven environment.

**GDx Innovator Profile**

GenomeDx is a biotech company seeking a Jr Biostatistician to join our Clinical Development team in Vancouver BC. The successful applicant will work in a fast-paced and close-knit environment collaborating with world-renowned cancer institutions including the **Mayo Clinic**, **Thomas Jefferson University** and **Johns Hopkins University**. The biostatisticians at GenomeDx reach broadly across the organization and are involved in projects collaborating and working with members of diverse project teams (e.g., bioinformatics, clinical research, software engineering, marketing and sales). This position offers numerous technical challenges in research and in applications, demanding the ability to work with a variety of internal and external stakeholders.

**Responsibilities**

* Assist in performing exploratory data analysis, and sample size and power calculations for prostate cancer study protocols and grants
* Merge and manipulate data to fit the required format
* Conduct relevant statistical hypotheses and report the results
* Assist on development of predictive models and their validation using rigorous statistical techniques
* Interpret the results of the statistical models and tests

**Required Qualifications**

* MSc candidate or 4th Year student in Statistics or Biostatistics
* Proficient programmer in R (familiarity with Shiny and R markdown a plus)
* Firm understanding of statistical concepts such as logistic regression, categorical data analysis and survival analysis
* Excellent writing and communication skills
* Ability to set priorities, work within a team and meet deadlines
* Enthusiastic, quick learner and motivated to succeed

To apply please send a cover letter and resume to [heather@genomedx.com](mailto:heather@genomedx.com) with the subject Biostat Internship (First Last Name)