

## **Genomics Laboratory Group Leader**

### **Job Description**

As the Genomics Laboratory Group Leader, you will collaborate with academic, industry and government partners on the North Carolina Research Campus (NCRC) and beyond. These collaborations will include study design, data generation and analysis using next generation sequencing and microarray-based approaches for whole genome, exome and targeted sequencing, methylation profiling and gene expression analysis both at the aggregate and single cell levels. The successful candidate will manage all aspects of projects, from shipment and receipt of sample to data delivery, ensuring that projects are completed on time and within budget. As the Group Leader, you will develop standard operating procedures within a controlled document environment, conduct quality control assays, monitor process control and work with the bioinformatics team to perform data analysis.

### **Job duties include, but are not limited to:**

- Assisting Principal Investigators with the design, execution and interpretation of large-scale projects.
- Communicating ongoing project progress and acting as the key interface to scientific customers.
- Performing method design as required
- Effectively managing customer projects including allocating appropriate resources, facilitating the transfer of materials and data, monitoring the progress of projects and reporting their status to customers, and closing out projects by invoicing for services rendered.
- Serving in a financial management role by providing justification for requisitions, working with vendors to obtain optimal pricing, determining and adjusting service fees.
- Supervising, training and directing the day to day activities of research staff.
- Developing and maintaining Standard Operating Procedures.
- Troubleshooting problems associated with equipment, software, experimental design, assays and reagents and deviations from protocol.
- Assisting in the development and maintenance of LIMS and other laboratory-related computer programs.
- Keeping abreast of scientific advances and new technologies and how they may be introduced into the facility.

### **Qualifications**

- PhD Scientist with ≥ 6 years' experience in a field related to genetics or genomics
- Expertise in "nextgen" sequencing applications including those from Illumina, 10X Genomics and/or Pacific BioSciences.
- Demonstrated project management experience.
- Excellent skills in experimental design, implementation, troubleshooting, and data analysis.
- Experience managing large datasets and interacting with databases and software tools.
- Experience supervising technical staff.
- Detail-oriented and organized, with strong initiative and sense of ownership when driving projects to completion.
- Excellent verbal and written communication skills.

### **Equal Employment Opportunity**

We are proud to be an EEO/AA employer M/F/D/V.