

Lab Manager Biomedical Genomics Core

The Research Institute at Nationwide Children's Hospital is seeking a Lab Manger for the Biomedical Genomics Core (<http://genomics.nchresearch.org/>), our largest shared resource facility and a nationally recognized certified service provider for genomics research. The Core actively assists investigators in a diverse range of cutting edge genomics research, including human genetics, childhood cancer and infectious disease. In addition to a service role, the core actively engages in independent research, developing new experimental techniques, evaluating new technologies and development of novel bioinformatics analysis techniques.

The Lab Manager reports to the core Director and has responsibility for overseeing daily operation of the facility and supervising a team of technical staff, development of operating procedures, evaluation of new technologies, and production of complex genomic data using cutting-edge next-generation sequencing and microarray technologies.

Responsibilities

- Oversee day-to-day operations of the core including designing procedures and work flow processes, managing the activities of core facility staff, and other related duties and tasks as required or assigned.
- Assist users in assessing their experimental needs, act as a resource by fielding questions, and offering expert guidance in available genomic methods.
- Coordinate sequencing and analysis projects, including overseeing and conducting experiments, interpreting and communicating results, and participating in the development of novel processes and procedures as needed.
- Establish and maintain an up-to-date website with information pertinent to core facility policies, procedures, available technology, and scheduling. Develop project scheduling, user policies, and pricing rates.
- Ensure that instruments are maintained to the highest working standards, including regular hardware/software maintenance. Oversee the installation of new hardware and software. Develop and apply quality control methods to assure high quality results.

Qualifications

- Minimum 5 years experience in genomic analysis or a related field.
- Experience with next generation sequencing, microarray or other genomic analysis technologies.
- Advanced degree preferred, with background in Molecular Biology, Genetics or related field.
- Strong communication skills, a service based orientation, and prior managerial experience with a core facility, service laboratory or industrial research laboratory desired.
- Excellent interpersonal, verbal, and written communication skills; strong organizational and analytical skills; and the ability to work in a highly cooperative team environment as well as independently.