***This old UMB job description was created between 2000 and 2014 and is being provided as a template or guide in the preparation of a current job description. The essential functions are general in nature and may not accurately depict the duties of a specific unit. Managers are encourage to update and provide specific duties that are applicable to work being performed in the unit.***

Job Title: **Sequencing Platform Technical Lead**

Job Family: Research Sub Family: Laboratory

**Job Summary:**

Functions as a technical lead in a genomic laboratory setting and is responsible for leading operations and providing the highest technical expertise on one or more high-throughput genomic sequencing platforms and overseeing laboratory research activities.

**Essential Functions:**

* Leads the operation and management of one or more high-throughput genomic sequencing platforms.
* Coordinates the daily tasks of laboratory personnel assigned to genomic sequencing platforms.
* Delegates and prioritizes sequencing platform workload among laboratory staff.
* Responsible for productivity and performance of sequencing platforms and associated staff.
* Assists GRC Laboratory Manager with review and evaluation of laboratory personnel performance.
* Trains new staff in operation and maintenance of high-throughput genomic sequencing platforms.
* Independently schedules projects, ensures high-quality results, on-time completion, and communicates progress and results to Principle Investigators.
* Communicates directly with genomic sequencing platform vendors for support, maintenance, repair, and implementation of new protocols, methods, and applications.
* Advises Principle Investigators on sequencing platform utilization.
* Regularly reports sequencing platform performance and schedules to the Laboratory Manager.
* Performs other duties as assigned.

**Minimum Qualifications**

Education: Bachelors in Molecular Biology, Biochemistry, or related Life Sciences field of study related to the research of the genomic sequencing laboratory

Experience: Five (5) years laboratory research, including at least (2) two years of high-throughput, genomic experience

Supervisory:

Licensure/Certification:

Other: May consider a combination of directly related experience and education.

**Knowledge, Skills, and Abilities**

*Managers may provide prefered knowledge, skills, and abilities as necessary.*

Job Code: E3320E

SOC Code: 194020 IPEDS: Computer

EEO6 Code: Professional State Code: 9749504

USM eCode: E30331 AAP Code: 3A