***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: **Analyst, Bioinformatics I**

Job Family: Research Sub Family: Analysis - Data Bioinformatics

**Job Summary:**

Contribute to genomic research projects and scientific analysis of the data generated by those projects using a variety of database and software applications. Generate, annotate, gather or analyze data and prepare for further analysis, or research.

**Essential Functions:**

* Following established procedures or specific scientific protocols, add value to data generated by genome sequencing projects through assembly, annotation, curation, and quality assurance.
* Perform preliminary analysis of genomic data and format for use by other analysts or scientists.
* Integrate and analyze data from genome sequencing projects, functional genomics analysis, and other school of medicine research projects.
* Perform data mining and synthesis activities using various internal resources, public databases and publications.
* Organize genomic data with other relevant data types into databases, displays, or graphic presentations for publication and web presentation.
* Participate in community outreach and training.
* Performs other duties as assigned.

**Minimum Qualifications**

Education: Bachelors in Life Sciences, including fields such as Biology, Molecular Biology, Genetics, Biochemistry, or Bioinformatics

Experience: Prior genomic research experience with experience with Windows and UNIX-based operating systems relations and database management systems strongly preferred.

Supervisory:

Licensure/Certification:

Other: No subsitution of experience for minimum education requirement.

**Knowledge, Skills, and Abilities**

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

Job Code: E3317E

SOC Code: 152041 IPEDS: Computer

EEO6 Code: Professional State Code: 9551701

USM eCode: E30334 AAP Code: 3A