***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: **Epidemiologist Senior**

Job Family: Research Sub Family: Analysis - Data

**Job Summary:**

Provide direction and technical expertise in managing and examining data for the epidemiologic/public health programs and projects. Conduct or perform independent project(s) and participate in multi-faceted data collection programs.

**Essential Functions:**

* Design and implement surveys or metanalyses. Collect and document comprehensive data of research findings.
* Perform data analysis, writes reports, and prepare presentations of summarize statistical findings, may include multi-variant analysis or other complex methodologies.
* Communicate to staff legal expectations, limitations, and implications of collection, management, dissemination, and using data. Lead collaborations with investigators and recommends best methods for data collection and analysis.
* Organize surveillance activities data needs, implementation and evaluation of system collection. Assess need for special analyses, such as survival, cost effectiveness, or cost benefit.
* Prepare and document research findings for publications of journal articles and grant proposals.
* Formulate new interventions on the basis of evidence and control measures in response to findings.
* Performs other duties as assigned.

**Minimum Qualifications**

Education: Masters Epidemiology, Statistics, Biostatistics, Mathematics, Public Health, Health Sciences or Services.

Experience: Two (2) years experience a analyzing studies using a range statistical techniques in a related environment

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: E3323E

SOC Code: 191041 IPEDS: Computer

EEO6 Code: Professional State Code: 9757005

USM eCode: E30334 AAP Code: 3C