***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: **Research Assistant Laboratory Animal**

Job Family: Research Sub Family: Laboratory - Animal

**Job Summary:**

The Laboratory Animal Research Assistant is responsible for performing animal research activities and animal clinical care in a laboratory setting with a variety of species. Work is performed in accordance with animal welfare regulations, USDA, the Guide for the Care and Use of Laboratory Animals, Public Health Services (PHS), Office of Laboratory Animal Welfare (OLAW), Association for assessment and Accreditation of Laboratory Animal Care (AAALAC), and Institutional Animal Care and Use Committee (IACUC) guidelines.

**Essential Functions:**

* Perform routine laboratory maintenance and research activities such as: general housekeeping, daily observations of animal health, collection of cultures and biological specimens for diagnostic testing and monitoring of animal health; diagnostic molecular (ELISA), bacteriological, or biological assays, breeding colonization processes, irradiation of blood products, and executing biochemical procedures such as: electrophoresis, blotting, chromatography, and DNA extractions, etc. May require performing psychological enrichment of certain species.
* May perform advanced laboratory research activities on variety of animals species such as: obtaining blood, bone marrow, and tissue samples, perform animal surgery, post-operative care, implantation or placement of medical devices, administration of pharmaceuticals and nutrients, including anesthesia, and perform euthanasia process.  May participate in the design of research studies.
* Compile and may analyze research data using various relevant computer software applications.
* Assist with literature research, editing and preparing manuscripts, scientific illustrations and computer graphics for publication.
* May perform administrative duties such as: training and guiding students and/or other laboratory technicians; assisting in developing policies, procedures and/or methods for laboratory experimentation; and ordering supplies.
* Performs other duties as assigned.

**Minimum Qualifications**

Education: Bachelors in biology, agriculture, veterinary science, or field of study related to the animal science.

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: E3329C

SOC Code: 194060 IPEDS: Computer

EEO6 Code: Professional State Code: 9213066

USM eCode: E40331 AAP Code: 3D