

The University of Texas at San Antonio

Job Description

Job Title: Senior Animal Research Technician
Code: 14441
Salary Grade: 60
FLSA Status: Non-Exempt
Department/Division: Geological Services
Reports To: Principal Investigator

Summary

- Function: Utilizes highly complex technical skills in the care and handling of small animals for research experimentation. Serves as UTSA's representative at the U.S. Army Institute of Surgical Research (ISR) on Joint Base San Antonio (JBSA). The majority of work will be conducted on-site in laboratories at the U.S. Army Facilities on JBSA.

- Scope: Responsible for the daily care, monitoring, and handling of small animals while conducting experiments for UTSA's research into blast-related ocular trauma.

Duties

- Typical:
 1. Assists Staff Veterinarian in the care and handling of animals and in performing experimental procedures.
 2. Prepares animals for blast testing.
 3. Performs general anesthesia, euthanasia, and assists in surgery on small animals and rodents.
 4. Extracts fluid and tissue samples from small animals under anesthesia.
 5. Uses biomedical instrumentation to monitor and assess the general health of small animals prior to, during and after experimentation.
 6. Performs dissection and processing of fresh and fixed tissue samples.
 7. Assists Staff Ophthalmologist in ocular injury evaluation, including use of ocular evaluation instrumentation.
 8. Prepares tissue and fluid samples for transport and storage.

- Periodic:
 1. Transports tissue and fluid samples to and from JBSA, UTHSC-SA, and UTSA.
 2. Assists researchers in the presentation and analysis of ocular injury data.

Education

Required	Preferred
Associate's degree in Science from an accredited institution.	Bachelor's degree of Science in Biology or Veterinary Science. Certification in LATG, RVT, or CVT or licensed as a LVT.

Other Requirements

Required	Preferred
Criminal Background Check (CBC).	N/A

Experience

Required	Preferred
Five years of experience in small animal laboratory research to include working in the following: -Small rodent research -Small animal anesthesia, euthanasia, and surgery -General physiological animal experimentation -Dissection and processing of fresh and fixed tissue specimens -Practical use of biomedical instrumentation to include physiological instrumentation and monitoring of experimental animals	Seven or more years of experience in small animal laboratory research.

Equipment

Required	Preferred
Personal computer and standard office equipment.	N/A
Knowledge and use of animal laboratory equipment such as anesthesia machines, diagnostic laboratory equipment, biomedical instruments and other specialized instruments.	

Working Conditions

Usual	Special
Veterinarian and/or biological laboratory setting.	N/A

Supervision

Received	Given
General supervision received from Principal Investigator.	N/A

Accuracy

Highest level of accuracy is critical in all phases of the duties performed.

Security Sensitive

Specific job requirements or physical location of some positions allocated to this classification may render the position security sensitive, and thereby subject to the provisions of section 51.215 Texas Education Code.

Internal Control

Within the scope of position duties, responsible for seeing that operations are effective and efficient, assets are safeguarded, reliable financial data is maintained, and applicable laws, regulations, policies, and procedures are complied with.