

Position Description

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Report Run Date	Apr 18 2019 3:16PM
Position Number:	02004762
Dept:	OR - CAMPUS VET SERVICES - 069001
Position:	LABORATORY ANIMAL VETERINARY TECHNICIAN
Approved Payroll Title Code:	9534
Approved Payroll Title:	ANIMAL HEALTH TECHNICIAN IV
Approved MSP Salary Grade:	
Approved PSS Salary Grade:	0
POSITION DETAILS	
Job Summary:	<p>Under direction, work independently with responsibility to the Attending Veterinarian, provide specialized veterinary, technical and research support services to principle investigators through Campus Veterinary Services (CVS). Routinely provide veterinary treatment to research and teaching colony animals and supports campus vivaria in Davis, Sacramento and outlying areas in compliance with national and state regulations and standards to maintain Association for Assessment and Accreditation of Laboratory Animal Care, International (AAALAC) accreditation. Provide specialized technical support to campus-wide research and teaching activities. Independently treat a diverse range of species (approximately 50) used for research and teaching on campus such as rodents, United States Department of Agriculture (USDA) covered species including nonhuman primates, livestock, and other traditional and non-traditional laboratory animal species (birds, reptiles, amphibians, fish, etc.). Except for the rodent sentinel program, administratively oversees the campus' animal care and health practices, the screening of incoming animals, the campus' diagnostic and disease control practices to ensure overall compliance with animal welfare standards. Provide surgical and anesthetic support including induction, maintenance and recovery from anesthesia and post-operative monitoring in all species. Maintain administrative documentation of procedures consistent with internal policy, USDA, ILAR Guide and the Animal Welfare Act. Collect samples, initiate the prevention and treatment of a wide variety of diseases in laboratory animals, and provide training and oversight of students and volunteers. Act as a resource for investigators by providing a variety of rechargeable research support services, training, and consultations.</p>
Campus Job Scope:	
Department Specific Job Scope:	The position is one of several positions within Campus Veterinary Services, responsible to the Laboratory Animal Attending Veterinarian, responsible for clinical and research support to over 50 species of research and teaching animals covered by 1400 animal care and use protocols at UC Davis.
Positions Supervised:	NA
	<p>35% SURGICAL, ANESTHETIC & RESEARCH SUPPORT Provide surgical and anesthetic support for projects utilizing a diverse array of animal species including rodent species, small and large animal</p>

and nonhuman primates in a large array of research projects including soft tissue, orthopedic and neurologic procedures. Duties for surgical and anesthetic support involves all stages from scheduling staff, coordinating required equipment, and ensuring transportation of animals. Perform required documentation of procedures, pre and post-operative medications and anesthesia records. Induction, intubation, maintenance and monitoring anesthesia throughout research procedures. Provide medical intervention for any anesthetic related complications, and post-operative analgesia and care to animals during and after recovery. Direct collaborations between researchers with limited oversight from veterinary staff including facilitating the implementation of research animal protocols by applying specific species driven handling methods, test article administration, and execution of veterinary care.

35% CLINICAL DUTIES

Participate in the coordination of CVS daily activities by acting as a liaison between the Comparative Pathology Laboratory (CPL), Center for Laboratory Animal Science and satellite facility husbandry and investigators/research staff. Perform triage for sick animal reports and provide notification to investigators. Taking into account approved animal care and use protocols, makes clinical decisions for care or recommendations to euthanize based on animal condition. Consult with senior veterinarians and AV as needed to ensure compliance with animal welfare standards. Database management of patient records via DVMax medical records system as well as maintaining written records. Accompany veterinarians on sick calls to decentralized facilities. Accountable for post-operative care and monitoring for surgical patients. Collect diagnostic samples for submission to CPL or other diagnostic laboratories. Administer treatments per veterinary prescription and also independently formulate treatment plans for rodent species. Independently perform physical exams and laboratory screening on incoming research and teaching animals to ensure campus diagnostic and disease control and ascertain eligibility to be added to the animal research protocol. Performs routine physical examinations of research animals, including nonhuman primates. Execute tissue sample collection, conduct genotyping and identification of rodents by a variety of methods. Act as a resource for husbandry staff with regards to housing, enrichment and breeding of rodents and other research species to ensure campus animal care and health practice compliance with regulatory guidelines. Perform euthanasia of laboratory animals with indirect veterinary supervision. Provide other research related services and care on a recharge basis; maintain records suitable for grant related charges. Develop Standard Operating Procedures for CVS policies and operations.

15% MAINTENANCE OF SURGICAL & TREATMENT AREAS

Responsible for facility maintenance and administrative management of the R-1 and J-3 surgical suites. Maintain surgical and treatment areas in a clean operating condition. Schedule and maintain surgery logs for rechargeable accounts. Maintain the controlled pharmaceutical inventory, restocks supplies, provide upkeep to the radio graph machine and processor, and perform general housekeeping duties.

15% TRAINING/MISCELLANEOUS DUTIES

Provide training and instruction to student employees, students and volunteers. Coordinate animal adoptions of retired research and teaching animals. Perform administrative management duties including recharges, and maintain inventory of general clinic supplies.

Essential Responsibilities:

Physical Demands:

Lift and move equipment and animals that may weigh up to 50 lbs. Handle move and transport animals of diverse species ranging from rodents, fish and reptiles to nonhuman primates and livestock.

Valid California driver's license required. Position will participate in Department of Motor Vehicles (DMV) Pull Notice System.

Work Environment:

Work with or around areas with sick animals some of which may be capable of inflicting injures hazardous materials, and/or infectious diseases and nonhuman primates.

Perform assigned duties in Biosafety level (BSL) 1, 2 or 3 facilities where laboratory animals including nonhuman primates may be either naturally or experimentally infected with potentially hazardous diseases such as herpes B virus, Q Fever, Valley Fever, Brucella, etc.

Work in an odiferous environment, damp or dusty conditions that are found in animal facilities and outdoor animal enclosures.

Employees shall participate in required preventative medical monitoring programs which may include blood tests, immunizations, TB screening, respiratory screening and clearance, and/or complete physical exam; blood born and air born pathogen training to meet federal, state, and university requirements.

Wear protective clothing and respirators in circumstances that require personal protection from infectious disease.

Work flexible schedule, overtime, holidays and occasional weekends on short notice.

Employee is personally responsible for following health and safety guidelines/instructions.

UC Davis is a smoke and tobacco free campus effective January 1, 2014. Smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes) will be strictly prohibited on any UC Davis owned or leased property, indoors and outdoors, including parking lots and residential space.

Background Check: Yes

QUALIFICATIONS

Combination of education and work experience in laboratory and/or exotic animal medicine.

California Registered Veterinary Technicians (RVT) license.

Clinical experience working with a variety of laboratory animal species such as rabbits, ferrets, birds, reptiles, amphibians, fish, dogs, cats, pigs, cattle, and sheep. Experience to communicate in writing and verbally with a diverse range of people.

Experience developing educational programs using multiple modalities.

Clinical experience working with a variety of laboratory animal species, specifically working with rodents and nonhuman primates.

Experience with animal care procedures and practices related to animal husbandry and management principles.

Experience restraining various species, such as rodents and nonhuman primates, as well as other traditional and nontraditional lab animal species.

Experience performing humane euthanasia of lab animals such as inhaled, overdose, and manual euthanasia of rodents and avian species, and overdose euthanasia of larger species.

Experience monitoring and assessing anesthetic depth, heart rate, blood pressure, a and respiratory rate during anesthesia on a variety of species

<p>Minimum Qualifications:</p>	<p>such as rodents and nonhuman primates.</p> <p>Experience catheterizing animals, performing anesthetic induction, intubation, venipuncture for blood collection and treatments, and administering oral, IV, SQ and IM treatments in animals.</p> <p>Experience performing tissue sampling, blood collection in rodents and performing various permanent identification techniques.</p> <p>Experience with electronic medical record systems.</p> <p>Surgical instrument usage and care experience.</p> <p>Knowledge of pharmacology, antibiotics, anesthesia drugs including a wide variety of medicines used in surgery and/or treatment of diseases.</p> <p>Experience using common veterinary therapeutics including bandaging, pharmaceuticals and analgesia.</p> <p>Knowledge to perform routine diagnostic procedures including but not limited to; hematology, fecal flotation, radiography, urinalysis, cytology.</p> <p>Skills using a variety of anesthetic, ventilation and monitoring equipment.</p> <p>Skills to safely restrain and handle various animals including animals known to be fractious with people and other animals.</p> <p>Skill to modify equipment and provide solutions for getting equipment and/or systems operational.</p> <p>Skills to establish an anesthesia protocol and select the most appropriate monitoring equipment per patients needs.</p> <p>Experience with interpreting IACUC animal use protocols.</p> <p>Knowledge of USDA Animal Welfare Act Regulations.</p>
<p>Preferred Qualifications for Selection:</p>	<p>Knowledge of occupational safety guidelines for radiation, biohazards and chemical hazards.</p> <p>Knowledge to recognize animal care needs as they relate to the campus animal care program and the campus veterinary services mission.</p> <p>Experience with DVMax Electronic Medical Records system.</p> <p>Knowledge of personal computers and software such as Microsoft products such as Outlook, Word and Excel and Adobe Acrobat.</p> <p>Experience training others.</p> <p>Knowledge to provide guidance and instruction in the areas of surgery, animal care, treatments and other clinical care services.</p> <p>Certification by the American Association for Laboratory Animal Science at the Laboratory Animal Technician (LAT) or higher level.</p>

SIGNATURES

Employee

I have read this position description and understand its contents.

Date

Supervisor

Date

This position description accurately describes the essential responsibilities assigned to this position..

Department Head

This position description accurately describes the essential responsibilities assigned to this position..

Date