UC Davis
ANESTHESIA & SURGICAL SERVICES TECHNICIAN
Salary: $23.33 to $35.29/Hr. Salary to commensurate with experience
Final Filing Date: 07/01/2019

Position Description:
The California National Primate Research Center (CNPRC) at UC Davis is an Organized Research Unit which conducts interdisciplinary research programs on significant human health related problems where non-human primates are the animal models of choice. In addition to its major efforts in the area of research, the CNPRC is also committed to its missions of teaching and service.

Under the supervision of Staff Veterinarian Surgeons assigned to the Anesthesia and Surgical Services, provide anesthesia, analgesia and surgical support for a wide array of experimental projects and colony clinical procedures in the care of non-human primates.

Provide anesthesia support and support for surgical procedures; ranging from but not limited imaging scans (include MRI, CT, PET- both onsite and offsite), pulmonary function testing, EMGs, endoscopic procedures (including bronchoscopy, gastroscopy, jejunoscopy, vasectomy, colonoscopy with and without biopsy), laproscopic procedures, surgeries (soft tissue to neurosurgeries). Provide long-term anesthesia and surgical support for routine and complex procedures. Induce and maintain general and prolonged anesthesia as required for surgical procedures, and monitor, maintain and recover anesthetized animals.

Perform emergency/critical and post-operative care procedures, venipuncture, catheterization, and intubation and wound management. Create anesthetic protocols and provide a broad spectrum of technical support for the Anesthesia and Surgical services. Maintain records on usage of drugs and supplies for recharge activities. Provide post-operative care for all procedures performed through the Anesthesia and Surgical Services.

Work with animals/tissue infected with the HIV/SIV virus and other biohazardous agents or diseases. Document activities related to animal care, procedures, and hospitalized animals and surgical records; transport animals and equipment to off-site locations, provide off site anesthesia and support to research projects. Work with animals (includes fluids and/or tissues) that are infected with infectious agents. Category BSL 2 Agents such as Simian Immunodeficiency Virus (SIV) /Human Immunodeficiency Virus (HIV), Zika, CMV, Measles, and Herpes's Simples Virus (HSV).

Qualifications/Experience:
MINIMUM QUALIFICATIONS
• Current California Registered Veterinary Technician (RVT) license or the ability to obtain within 6 months from the date of hire. RVT exam eligibility requirements include graduation from an AVMA-accredited veterinary technician program and a passing score on the National Veterinary Technician Exam.
• Completion of an accredited training program from an AVMA fully accredited Veterinary Technician program or equivalent combination of training and experience with induction and maintenance of long-term anesthesia and surgical support in a veterinary hospital or research environment with attention to project needs and clinical demands.
• Experience inducing, maintaining and recovering critically ill animals from anesthesia independent of supervision.
• Experience using anesthetic delivery, support and monitoring equipment.
• Applied experience and professional knowledge of fluid therapies for intraoperative use (i.e. LRS, hetastarch, hypertonic saline, plasma, whole blood) and properly calculate volumes and rates.
• Experience in surgical preparation and positioning of patients.
• Experience preparing and maintaining anesthesia equipment and supplies in a hospital operating room, and performing complex procedures under the indirect guidance of professional veterinary staff.
• Experience performing standard veterinary medical procedures including but not limited to venipuncture, IV catheterization, intubation, endotracheal intubation, placing vascular catheters, bandaging, and performing physical examinations.
• Experience as scrub technician with instrument handling, providing exposure of organs or structures, tissue handling and homeostasis during surgery.
• Applied experience and knowledge of applied medical terminology, basic pharmacology, mammalian anatomy and physiology.
• Experience calculating drug dosages and administering medications intravenously, subcutaneously, intramuscular or orally.
• Applied knowledge and experience with surgical asepsis related to direct contamination of patients, instruments and sterile supplies.
• Skills to instruct veterinary students, residents, and technicians.
• Skills to effectively use computer applications such as spreadsheets, word processing, and electronic calendar, e-mail and database software in performing work assignments.
• Thorough knowledge of the use and functions of the various types of anesthesia equipment, including blood-gas analyzers; good knowledge of basic aseptic and sterile techniques.
• General mechanical skill to perform routine repair and maintain on anesthesia related equipment.
• Ability to understand medical terminology and relate it to the equipment and supplies used in the administration of anesthetics and analgesics.

PREFERRED QUALIFICATIONS
• Certification as a Veterinary Technician Specialist in Anesthesia and Analgesia. Animal Technologist (LATG) certification. OR American Association for Laboratory Animal Science (AALAS) technician certification with primate medical care training and experience.
• Experience responding to emergencies and providing CPR.
• Experience following both written and oral medical care instructions in a veterinary research setting.
• Experience assessing non-human primates for physical/behavioral abnormalities.
• Experience initiating emergency medical treatment of non-human primates.
• Skills to troubleshoot a diverse array of medical equipment including radiology units, anesthetic machine, autoclave (sterilizer), dental equipment, digital camera, EKG machine, pulse oximeter, blood pressure monitor, nebulizer (thermo-care unit), fiberoptic endoscope and bronchoscope.
• Applied knowledge and experience of USDA regulations and AALAS practices and protocols pertaining to primate non-human animal models; and handling and caring for nonhuman primates.
• Interpersonal and communication skills to interact with a diverse group of people to include, but not limited to investigators, visitors, veterinarians, students and staff.
• Ability to perform extensive and thorough cleaning following established hospital protocols. Initiate restocking supplies, checking inventory, cleaning equipment, mopping floors, emptying trash and biohazard bins.
• Knowledge of standard maintenance surgical instruments and equipment as well as anesthetic machines to operate and perform routine maintenance.
• Applied knowledge and experience of a variety of surgical procedures to anticipate what supplies and equipment are needed for their surgical set-up; and anticipating surgeons and patient needs during surgery and providing requested instrumentation and equipment.

Application Procedure:
To view the complete position posting and to submit an application on-line visit:
http://50.73.55.13/counter.php?id=163265
Requisition Number #03024039

The California National Primate Research Center (CNPRC) is an Affirmative Action/Equal Opportunity Educator & Employer (A.A./E.O.E.E.)