

Appointment Description: M-F 100% time

Department: Center for Neuroscience – 011009

Department Description: The Center for Neuroscience conducts research in the areas of molecular, cellular, systems, cognitive, and computation neuroscience and trains graduate and undergraduate students in neuroscience and related fields.

Location: Davis

### **POSITION DETAILS**

Job Summary: Under supervision from the PI and laboratory manager, direction and training of laboratory personnel, daily laboratory upkeep under the direction of the laboratory manager, present findings and analysis at lab meetings, assist in the review of research related to laboratory aims under the direction of the Principal Investigator.

Physical Demands: Perform diversified tasks that may include squatting, kneeling, bending, stooping, or standing. Lift equipment of awkward size and shape up to 50lbs.

Work Environment: 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.

Essential Responsibilities:

#### **15% LAB and MONKEY COLONY MAINTENANCE**

Ensure the laboratory is clean, and all inventory is stocked to benefit all experiments conducted in the laboratory. Follow all standard operating procedures and assist laboratory manager in ensuring all laboratory personnel are fully trained and following protocols and SOPs accurately. Ensure all animals are maintained to optimize their health and well-being and following IACUC, USDA and OLAW compliance. Work on laboratory projects as assigned when time permits.

#### **50% MONKEY BEHAVIOR EXPERIMENTS**

Under direction and supervision of laboratory manager and Principal Investigator, carry out training behavior routines and analyze behavior data. Under the direction of the laboratory manager, carefully follow established procedures by carrying out laboratory schedules to ensure all research subjects are receiving laboratory time (training and/or electrophysiology).

#### **15% EQUIPMENT SETTING UP AND MAINTENANCE**

Assist in setting up and maintaining lab equipment such as eye tracking systems, neuropsychology recording systems, micro-stimulation systems, etc.

#### 20% ASSIST NEUROPHYSIOLOGY EXPERIMENT

Assist in performing neurophysiology experiments and help with data analysis, such as data sorting et al.

#### **QUALIFICATIONS**

Minimum Qualifications:

- College-level coursework in physiology, neuroscience and/or neurobiology.
- Effective interpersonal communication skills to maintain an effective, positive and cooperative relationship with staff, students, faculty, co-workers, public and outside contractors.
- Experience working with analysis software programs.
- Must have excellent attention to detail.
- Must have strong time management skills.

Preferred Qualifications:

- Research interest oriented
- Experience working with non-human primates in a research setting.
- Experience in extracellular recording with single electrodes and/or electrode arrays.
- Knowledge of UCD Policies and Procedures.

Background Check: Yes