

Academic Hourly Job Description

Position Title: Academic Hourly Research

Position Job #:

Exemption Number/PClass Code: 49997/BFBGA - Research

Organization Code: 1-604000

Organization Name:

HireTouch JobID: 145866

Primary Position Function/Summary:

This is an entry level laboratory research technician/scientist position to conduct research in a neuroscience laboratory investigating the neural circuitry controlling feeding and emotional behaviors in mice.

Major Duties and Responsibilities:

Employees will perform a variety of tasks under the direct supervision of the lab PI (Dr. Patrick Sweeney). Duties include:

- 40% Manage mouse colony, assist in rodent care and husbandry
- 40% Independently conduct and manage experiments including mouse feeding behavioral assays, pharmacological compound administration (i.p., s.c. i.c.v.), anxiety and depression related-behavioral assays, stereotaxic surgery, optogenetics, and *in vivo* calcium imaging (Inscopix miniaturized microscopic imaging)
- 5% Maintaining an organized laboratory environment including inventory management, instrument calibration, ordering of supplies, preparing/analyze data, maintaining detailed experimental records.
- 5% Tissue processing, immunohistochemistry, in situ hybridization, and imaging analysis.
- 5% Train students on laboratory procedures and experimental methods used in the lab.
- 5% Facilitate communication of laboratory personnel and maintain experimental schedules.

Position Requirements and Qualifications

Education:

Required: Applicant must have bachelor's degree in neuroscience, biology, psychology or related field.

Preferred:

Experience:

Required: Applicant must have basic computer literacy skills and be familiar with analyzing data in Microsoft Excel and/or Prism. Entry level knowledge of research methods, concepts and procedures.

Preferred: •1 or more years of experience working in a research lab with mice. •Molecular biology techniques such as PCR, immunohistochemistry, and in situ hybridization. •Computer programing proficiency in MATLAB and/or Python.

Training, Licenses or Certifications:

Required:

Preferred:

Knowledge Requirements:

Required:

Preferred:

Is this a Security Sensitive or Protection of Minors position? () Yes (x) No

Upon receiving approval from AHR, print the job description, obtain signatures from the incumbent and supervisor and attach the signed job description to the HRFE transaction.

Department

Signature: Kari Zamberletti
Date: 04/30/2021

College

Signature: Kari Zamberletti
Date: 04/30/2021

AHR Job Description Review

Signature: Beverly Minor
Date: 04/30/2021

Incumbent signature: _____ **Date:** _____

Printed Incumbent name: _____

Supervisor signature: _____ **Date:** _____

Printed Supervisor name: _____