OFFICE OF STUDENT FINANCIAL AID
UNIVERSITY of WASHINGTON
Division of Student Life

Work Study Job Description

Job Title	Student Assistant - Molecular Immunology Research
Department Name	Comparative Medicine
Job Location	Health Sciences Building, Lab T-140
Pay Rate	$10 - $10
Employment Period	Summer, Academic Year
Hours Per Week	19 hrs/wk
Contact Supervisor	Mark Tsang
Phone Number	206-221-7457
Email Address	mftsang@uw.edu
Website	http://depts.washington.edu/compmed/
Box Number	357190

Nature of Organization

The Department of Comparative Medicine (DCM) is one of 12 basic science departments in the School of Medicine at the University of Washington. The mission of the department is to advance knowledge and improve the health and welfare of humans and animals through excellent service support, biomedical research, and teaching. DCM is the major laboratory animal medicine resource at the University of Washington. The department employs approximately 175 individuals who provide a comprehensive range of animal husbandry, veterinary, and laboratory services for an AAALAC (Association for Assessment and Accreditation of Laboratory Animal Care) accredited vivarium which houses animals that are used by over 500 principal investigators. Faculty members, post-doctoral fellows and residents (laboratory animal medicine and pathology) conduct basic and clinical research on a wide range of subjects including, but not limited to, comparative aspects of infectious disease, aging, cancer biology and genetics.

Duties and Responsibilities

Mouse husbandry/colony management:
- genotyping (DNA extractions, PCR, gel electrophoresis)
- data entry
- weaning
- tailing/tagging
- animal health checks

Lab maintenance/support:
- glassware washing and autoclaving
- making reagents
- keeping track of lab supplies (ordering/stocking)
- maintaining a clean laboratory

Minimum Qualifications

- biology/science major
- Biology 180, 200, 220 series (or in progress)
- able to give minimum one year commitment

Educational Benefits

Opportunity to learn and gain experience with:
- tissue harvesting/processing
- cell culture
- cloning
- protein isolation/Western Blotting
- flow cytometry
- RNA isolation
- realtime PCR
- publications
- SPF and animal use laws and regulations training

How to Apply

Those interested in this position should send an email to Mark Tsang and attach a resume.

Job Number: CMED03 | Job Class Code: 0875 | 51% Comp. To Classified: y | Federal | Closed