

# Research Scientist II/Engineer Assistant - University of Washington, Department of Pathology

## Research Scientist/Engineer Assistant

### Job Description

The University of Washington, Department of Pathology is a dynamic department that strives for a consistent level of high achievement in all of its activities. The Department offers full diagnostic services in all areas of Pathology, is a top ranked research organization as measured by research awards from the National Institutes of Health and offers an array of specialized educational training programs.

UW Medicine Pathology brings together state-of-the-art technology and highly trained, world renowned personnel to provide comprehensive diagnostic and personalized service to physicians, community hospitals, independent laboratories, and other health care organizations. Our operations are based at the University of Washington Medical Center, Harborview Medical Center, South Lake Union, Northwest Hospital and the Seattle Cancer Care Alliance. Pathology faculty members also serve at Seattle Children's Hospital, the Veteran's Administration Puget Sound Healthcare System, and the Fred Hutchinson Cancer Research Center. These collaborative efforts have generated innovative, translational studies in the basic mechanisms of disease as they apply to diagnostic pathology.

**The Chen lab in the Department of Pathology is seeking a fulltime Research Scientist/Engineer 2.** The Chen lab integrates gene editing technology, functional genomics and cell-based and animal models to study pathogenesis of rhabdomyosarcoma, a rare and devastating pediatric cancer.

### Laboratory Operations:

- Laboratory managerial duties such as ordering and stocking supplies and maintaining an orderly, safe and clean laboratory environment to ensure compliance with environmental health and safety guidelines and regulations.
- Attending lab meetings and presenting reports.

### Data:

- Maintaining accurate and logical records of scientific data.
- Assisting in data analyses and manuscript preparation.

### Animal work:

- Becoming proficient in writing, maintaining and submitting IACUC protocols.
- Tumor cell injections to establish tumor xenografts in immunocompromised mice and per diem management of mice.
- Microinjections of zebrafish, breeding and maintaining zebrafish lines.

### Research Support:

- Independently performing or assisting with experiments related to cancer biology using techniques in molecular biology, cell-based assays, protein work, cell culture and animal work.
- Assisting in training new personnel.

### Minimum Qualifications:

- Bachelor's degree in biology, biochemistry or related fields
- Two years or more research experience (background in cancer research and/or animal models preferred but not required)
- Ability to work flexible hours based on experiment needs

### Desired Qualifications:

- Strong organization and teaching skills
- Great team player, willing to work with others
- Ability to work efficiently and independently
- Excellent writing skills
- Command of Microsoft Word, Excel and PowerPoint programs
- Motivated to learn and enthusiastic about research

If interested, please contact through e-mail the Principle Investigator of the laboratory, Eleanor Chen, and send along a CV and a list of 3 references.