

University of Washington

Bioinformatics and Biostatistics Postdoc (2 positions)



Starting Date: Immediate

The Katze lab (<http://viromics.washington.edu/>) is part of the Department of Microbiology and the Washington National Primate Research Center (WaNPRC). Our research is focused on understanding the varied strategies used by viruses to evade cellular defense mechanisms. We employ high-throughput genomic and proteomic technologies and subsequent bioinformatics analyses to study these virus-host interactions. The Katze Lab Informatics Team consists of a diverse group of individuals with expertise in data analysis, software development, database administration, and computer hardware and networking. We have built a sophisticated computational infrastructure to support the Katze Lab as well as our collaborators. We have an extensive collection of high-throughput genomic and proteomic data across a wide range of viral pathogens, including hepatitis C, influenza, Ebola, West Nile, SARS-associated coronavirus, herpes simplex virus, and human and simian immunodeficiency viruses.

We are seeking two post doctoral candidates to join our lab to take advantage of our large collection of high-throughput data as well as be involved in the design and analysis of future experiments. The specific research topic is flexible, but must be centered on our goal of gaining a better understanding of virus-host interactions.

Applicants should have a PhD. in a related field and some combination of the following skills:

- Strong background in Biostatistics
- Experience with statistical programming languages (R, S-PLUS, etc.)
- Experience with computational modeling
- Knowledge of basic biology
- Experience with experimental design
- Data analysis skills

Please send resumes to Misty Nickle, mistyn@u.washington.edu

