

Position Title: Ph.D. Bioinformatician (Office of Biostatistics & Quantitative Health Sciences (BQHS), University of Hawaii John A. Burns School of Medicine; <http://biostat.jabsom.hawaii.edu>)

Duties & Responsibilities: Under general guidance, the Ph.D. Bioinformatician will use existing bioinformatics software or develop new approaches to solve problems during the conduct of biomedical research and to gain a better understanding of complex biological activities. The bioinformatician will provide omics data management, analytical, and interpretative support to basic science, clinical and translational research projects; seek to understand researchers' current and potential bioinformatics needs; identify opportunities to apply existing capabilities and optimize operations; assist in manuscript and grant writing; provide bioinformatics related education and training; and perform related tasks as assigned.

Position Qualifications: Minimum Qualifications: Ph.D. Degree in Bioinformatics, Biostatistics, Computer Sciences, or related quantitative fields. One year of translational bioinformatics collaboration experience in an academic or biotech setting. Experience collaborating with multiple research investigators providing bioinformatic support.

Experience in manipulating, analyzing, and annotating large high-throughput molecular measurements, e.g., next generation sequencing and microarray data, using standard bioinformatics software tools and packages. Familiarity with software development with ability to implement components of a bioinformatics software pipeline to analyze next generation omics data. Publication record in peer-reviewed journals.

Training and experience with script programming language, such as Python or PERL. Training and understanding of statistical principles and techniques.

Demonstrated ability to plan, organize, and prioritize assigned activities. Ability to work both independently and as part of a team. Ability to set and adjust priorities and to work effectively with staff and administrators of various departments and organizations. Ability to maintain highly sensitive, confidential materials and be compliant with protected health information privacy rules. Self-motivated and enjoy the challenge of analyzing complex problems and independently developing possible solutions. Must have critical thinking and excellent oral and written communication and interpersonal skills.

Preferred Qualifications: Knowledge of statistical packages, such as SAS or R. Knowledge and understanding high-throughput data analysis from multi-platforms, e.g., genomic, transcriptomic, proteomic, or metabolomic data, both in exploratory and pipelined fashions. Experience with Linux, Windows and Mac platforms. Knowledge of database and web technology. Experience working in a medical center setting or familiar with medical terminology. Experience or familiarity with wet-lab techniques. **To Apply:** Please submit cover letter indicating how you meet the minimum and preferred qualifications, CV, and copy of transcripts, and names and contact of at least three professional references to the University of Hawaii JABSOM Office of BQHS at qhsjobs@hawaii.edu