

## Position Description and Responsibilities

Incumbent will operate instrumentation in the CA&ES Genomics facility. Such instrumentation includes automated DNA sequencers, sample and liquid handler, PCR instruments, and related equipment. Work will be carried out under the direction and close supervision of a senior Staff Research Associate, as well as with input and supervision from the Faculty Director of the Genomics Facility. Emphasis will be placed on high throughput sample processing, with a requirement for a high degree of accuracy and precision. Detailed protocols describing DNA sequencing and sample preparation will be followed on a daily basis to complete Genomics Facility projects in a timely and high quality manner.

Incumbent will assist with inventory control and ordering of laboratory supplies. Incumbent will become familiar with and adhere to the University of California-Davis policies related to chemical inventories and safety.

Under supervision, Incumbent will enter data into and retrieve data from computers and associated databases. All instrumentation in the Genomics Facility is computerized, and will require that the individual become familiar with software applications specific to each instrument. A senior SRA will supervise training in this area.

The appointee will interact with faculty and student clientele of the CA&ES Genomics Facility. The appointee will be knowledgeable with general laboratory instrumentation, and help to monitor use of common use equipment by outside users.

## Qualifications and Experience

- Experience working in a scientific laboratory dealing with analysis of DNA. Experience and background in biological sciences with emphasis in molecular biology preferred.
- A high level of organization and the ability to follow scientific protocols with precision is essential.
- Ability to maintain complete and accurate records for complex, multi-step processes.
- Knowledge of Windows and Macintosh computer operating systems, and ability to learn software applications specific to a wide range of different instrumentation is essential.
- Strong interpersonal skills for interacting with faculty and student clientele.
- Ability to manage multiple tasks simultaneously and to meet deadlines is essential.
- Ability to reliably carry out routine, repetitive work.
- Ability to work well under supervision and with others.
- Skill to use scientific terminology effectively when speaking and writing.
- Ability to think critically and troubleshoot problems.
- Ability to prepare detailed written summaries of data is required.
- Ability to adhere to attendance guidelines, and participate interactively in meetings dealing with operation of the Genomics Facility.
- Knowledge of laboratory safety and proper use and handling of potentially hazardous laboratory chemicals.

**Salary:** \$2806 per month plus medical benefits.

Position is available for one year with possibility of extension for a second year depending on funding.

**To apply;** Send resume including education and job experience pertinent to the position to Dr. Jongmin Baek ([jbaek@ucdavis.edu](mailto:jbaek@ucdavis.edu)).