Professor David A. Mills, at the University of California, Davis, Department of Food Science and Technology, is seeking to fill a 100% time, Step 1 Junior Specialist. We're looking for an addition to our research team studying the gut microbiome. Our team is working to understand gut health as it relates to diet. Our research focuses on the fundamental biology of keystone bacteria that colonize animal gastrointestinal tracts. An additional outcome of this research translatable therapies, diagnostics and tools that maintain and promote gut health and prevent dysbiosis.

As part of our team, the successful candidate will aid in developing code for computational modeling and visualization of research data. The successful candidate will also aid in data entry and sample management, including the configuration of a new Laboratory Information Management System (LIMS). Candidates are expected to have previous experience in bioinformatics, specifically with R visualization tools and database management. The successful candidate needs to have excellent communication and organizational skills, learn quickly, work independently after initial training, communicate directly with collaborators, be meticulous and alert, and be comfortable with automatic, repetitive tasks. The successful candidate must also be comfortable with working in a laboratory area with human and animal samples (feces, milk etc.) nearby. Other tasks, such as development of and optimization of pipelines and freezer organization, are also part of expected duties. The incumbent will be actively and significantly involved in publishable research activities [e.g., writing summary reports of lab/field work, reviewing the literature in the area of study, and engaging in discussions with the research team on the interpretation of research results], and may also provide assistance in the preparation of research presentations to academic and stakeholder audiences, and participate in appropriate professional/technical societies or groups and appropriate to their expertise.

BASIC QUALIFICATIONS:

- B.S. in computer science, biotechnology or other related fields.

- Thorough experience in R programming

ADDITIONAL QUALIFICATIONS

- Comfortable working in a setting where animal and human samples are used.

- Comfortable communicating with a diverse group of collaborators, including professors, staff researchers, and graduate students.

- Close attention to detail.

PREFERRED QUALIFICATIONS

SKILLS/KNOWLEDGE

- Shell scripting

- Familiarity with LIMS and laboratory sample management

- Communicate orally and in writing

- Standard/safe laboratory practices

ABILITIES

• Careful attention to detail

• Concentrate on a task over a period of time without being distracted

• Maintain organized and detailed notes

• Create and maintain organized databases

• Work with a diverse group of scientists

OCCUPATIONAL HAZARDS

• Ergonomic hazards including repetitive motions, crushing or pinching injuries, standing for long periods, and lifting weight up to 30lbs.

• Exposure to hazardous laboratory chemicals.

The position is available immediately. It is a one year appointment with an hourly rate of $17.99/hr. For full consideration, please apply by 12/2/16 at: https://recruit.ucdavis.edu/apply/JPF01332

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see:

http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct.

Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is availablehttp://www.uscis.gov/e-verify.

UC Davis is a smoke & tobacco-free campus (http://breathefree.ucdavis.edu/).

If you need accommodation due to a disability, please contact the recruiting department.