

## **JOB HIGHLIGHTS**

### **Responsibilities**

The candidate will be responsible for the statistical and bioinformatics analysis of individual metabolomics and transcriptomics datasets, and their integration, to develop a global picture of processes related to peach fruit chilling injury quality.

### **Benefits**

The salary and benefits will be provided according to UC Davis policy for the postdoctoral scholar. Salary is based on years of experience as a postdoctoral scientist with a minimum of \$60,000 and eligible for full benefits. This two years position is eligible for J-1 visa sponsorship.

### **Qualifications**

We are interested in working with a motivated PhD scholar who has experience in -omics, bioinformatics skills, data analysis and interpretation. Applicants should have training and experience in plant bioinformatics, plant molecular biology, plant biochemistry, volatiles, and metabolomics. In addition, the candidate will have excellent writing and oral communication skills and have the potential to write grants and high-quality scientific papers. The successful candidate should be happy to work both independently and interact frequently with Dr. Carlos H. Crisosto and Dr. Diane Beckles and members of their groups.

### **Job description**

The Beckles-Crisosto Postharvest Laboratory in the Department of Plant Sciences at UC Davis, College of Agricultural and Environmental Sciences is seeking a Postdoctoral Researcher or Academic Visitor with extensive expertise in multi-omics systems fruit biology research. This position will contribute to the research project focusses focused on the impact of methyl jasmonate and environmental factors on chilling injury. We have been using a metabolomic and transcriptional tool approach using tomato and peach as a system to reveal new information on fruit chilling injury process. First year data have been collected and ready to analyze.

To apply please combine a cover letter, CV and contact details of three referees into a single pdf and send to Professor Carlos H. Crisosto ([chcrisosto@ucdavis.edu](mailto:chcrisosto@ucdavis.edu)) with the subject line "Postdoc Application and cc: Jessica M Fareri at [jmfareri@ucdavis.edu](mailto:jmfareri@ucdavis.edu).

For more information regarding the research project, please contact Dr. Carlos H. Crisosto at [chcrisosto@ucdavis.edu](mailto:chcrisosto@ucdavis.edu).