

POSITION

Position Working Title: Junior Specialist for Harada Lab
Home Department: Plant Biology
Academic Year: 2021-2022

Position Description **Junior Specialist**

Research (90%)

The Junior Specialist will make creative contributions in research to understand the control of gene activity during plant development. With training from and in consultation with the PI, the individual will establish specific research goals and lead projects related to deciphering the function of transcription factors with key developmental roles. The Junior Specialist will design and conduct experiments and analyze and interpret the experimental results to determine transcription factor function by defining transcription factor binding sites, identifying genes with altered expression following perturbation of transcription factor levels, dissecting DNA regulatory elements required for transcription factor activity, and identifying cell type specific transcription factors. The Junior Specialist will query the scientific literature to obtain information needed to aid in the successful completion of the research project and will conduct both wet bench and computational experiments. The individual will document, summarize, and organize experimental results for publication in scientific journals and will contribute to the writing of the manuscripts. The individual will also participate in lab maintenance activities and perform other tasks requested by the PI.

Professional Competence (5%)

The Junior Specialist will report research progress at weekly lab meetings, actively contribute to discussions about other research projects in the lab, and review manuscript drafts written by members of the lab. Attendance at research conferences with labs from other universities is also expected. The individual may attend relevant scientific seminars and participate in appropriate professional/technical societies.

Service (5%)

The Junior Specialist will help to mentor and to provide training for undergraduate assistants in the lab.

Qualifications

Basic Qualifications:

Qualifications include a bachelor's degree in a biological science, background and/or experience in a molecular biology or genomics lab, experience and/or interest in working with plants, proficiency with common laboratory skills, ability to do exacting and organized lab work and to maintain organized and neat records of experiments and to communicate effectively with colleagues in the laboratory.

Preferred Qualifications:

Experience with molecular and genomic experimental approaches, culturing of plant tissues, and bioinformatics (R programming) and network analysis

To apply: Qualified applicants should submit a cover letter, CV, one letter of recommendation and a Statement of Contributions to Diversity, Equity and Inclusion, via this URL:

<https://recruit.ucdavis.edu/apply/JPF04300>. The deadline for full consideration is August 3, 2021.

Questions: Please direct questions to Dr. John Harada, jjharada@ucdavis.edu.

- The University of California, Davis commits to inclusion excellence by advancing equity, diversity and inclusion in all that we do. We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community.
- 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 UC Davis positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available <http://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.