

## **Postdoctoral Positions at UC Davis, Food Science and Technology**

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*Open Now:*

### **Postdoctoral Position at UC Davis in Food Science and Technology (Chemical/Food/Ag Engineering)**

A full-time postdoctoral scholar position is open at the UC Davis in the Department of Food Science and Technology for an individual with a PhD in Chemical or Bio/Ag/Food engineering. This position is open May 1, 2024 and will extend through April 30, 2025. The successful candidate will design and test a field-deployable, flow-through filtration system that utilizes agricultural coproduct material as a filtration medium to treat food processing wastewater. The filter system will be built on a movable (potentially towable) chase so that it can be evaluated at multiple sites and wineries. The postdoctoral scholar is expected to travel between Davis CA and St. Helene CA (to work with the winery machinist and winery manager) at least 2 times per month with 2-night stays in St. Helene to facilitate the completion of a prototype filtration system prior to red wine production (May-August/September 2024). Modifications to the system will be expected during August-December. This candidate will be expected to give quarterly reports to the funding agency as well as mentor graduate and undergraduate students. The candidate will be provided with both bench and a desk space in the Robert Mondavi Institute of Wine and Food Science as well as access and training on laboratory equipment needed for this project.

*Open Now:*

### **Postdoctoral Position at UC Davis in Food Science and Technology (Food/Plant Microbiology)**

A full-time postdoctoral scholar position is open at the UC Davis in the Department of Food Science and Technology for an individual with a PhD emphasizing food/plant microbiology. This position is open May 1, 2024 and will extend through April 30, 2025. The successful candidate will be expected to perform 16S and ITS rRNA sequencing of fungal and bacterial populations in phenolic-enriched natural plant materials. Experience with 16S and ITS rRNA sequencing is required. This candidate will be expected to give quarterly reports to the funding agency as well as mentor graduate and undergraduate students. The candidate will be provided with both bench and a desk space in the Robert Mondavi Institute of Wine and Food Science as well as access and training on laboratory equipment needed for this project.

*Opening Soon:*

### **Postdoctoral Position at UC Davis in Food Science and Technology (Chemistry)**

A full-time postdoctoral scholar position is open at the UC Davis in the Department of Food Science and Technology for an individual with a PhD in Food/Wine/Phenolic Chemistry. This position will open June 1, 2024 and will extend through May 30, 2025. The ideal candidate will have experience working with agricultural crops and have a strong background in extraction chemistry, and analytical techniques including HPLC and UHPLC-ESI-MS/MS. This project will focus on quantifying and determining the stability of a range of phenolic compounds in almond hulls. This candidate will be expected to give quarterly reports to the funding agency as well as mentor graduate and undergraduate students. The candidate will be provided with both bench and a desk space in the Robert Mondavi Institute of Wine and Food Science as well as access and training on laboratory equipment needed for this project.