



California State University, Fresno

Jordan College of Agricultural Sciences and Technology

Viticulture & Enology Research

Vacancy # 13898

Instructional Support Technician III

Salary:

Expected Starting Salary Range: \$4,107 - \$4,900 per month.

This is a full-time, exempt position.

Fresno State offers a best-in-class benefits program, including health, dental and vision insurance, retirement participation in the Public Employees' Retirement System, and educational benefits for eligible employees. See our [benefits website](#) for additional information.

Organizational Description:

The Viticulture and Enology Research Center (VERC) is one of three research centers under the auspices of the California Agricultural Technology Institute within the Jordan College of Agricultural Sciences and Technology. VERC is widely recognized as an applied research and education powerhouse for the California raisin, table, and wine grape, and wine industry. Through partnerships including industry, state, and government entities, faculty and research scientists conduct solution-driven research and disseminate knowledge to the grape and wine industry and community. Students in the Department of Viticulture and Enology may enhance their academic careers by working under the direction of faculty and research scientists on projects designed to benefit the grape and wine industry. In addition to Fresno State's Master's degree program in viticulture and enology, we also have several industry-funded research assistantships for students to work and learn under the direction of our research faculty and staff. The Viticulture and Enology Research Center and Department of Viticulture and Enology building provides research laboratories, administrative and faculty offices, meeting space, and a specialized viticulture and enology library that is available to the campus community and public. Other unique facilities used for research and teaching include the raisin processing plant, research winery, commercial winery, and campus vineyard.

Overview:

Under the general supervision of the Director of the Viticulture & Enology Research Center, this technician will provide comprehensive instructional support services to faculty teaching laboratory sections of undergraduate courses and inter-departmental, graduate lab techniques courses in the Department of Viticulture and Enology and provide comprehensive research support services to researchers utilizing research laboratories in the Viticulture and Enology Research Center.

Position Summary:

- Purchases chemical reagents, preparation of chemical solutions, development and testing of laboratory protocols and lab set-up prior to classes.
- Trains graduate students on laboratory analyses specific to their research area and locating suitable instrumentation, as well as the development of appropriate quality control procedures and corresponding safety rules and regulations.
- Provides guidance and support for wine production and fermentation projects during the season.
- Responsible for assigning materials and supplies in the research and teaching winery.
- Trouble-shoots and/or performs minor repairs on laboratory instrumentation and field equipment and in the case of new equipment, assists with installation and the development of proper operating procedures.
- Responsible for maintenance and major repairs of laboratory equipment, in cooperation with skilled equipment technicians.
- Maintains refrigeration, environmental control, power, and/or backup support for sensitive materials and equipment located at the Viticulture & Enology Research Center.
- Coordinates the implementation of a comprehensive laboratory safety training program for the research and teaching laboratories in the Viticulture and Enology Research Center and Department of Viticulture and Enology.
- Provides support for research carried out at the Viticulture and Enology Research Center and assists faculty and researchers with the maintenance of a safe research area that complies with current standards for laboratory safety audits by Environmental Health and Safety, the Chancellor's Office or outside reviewers.
- Provides secondary support for research and work in cooperation with the technicians supporting the Jordan Agricultural Research Center and Jordan College Graduate Lab, as needed.
- Other duties as assigned.

Required Qualifications:

- Equivalent to four years of experience providing instructional support services for a related unit or discipline, or in producing materials or supplies or repairing equipment in a discipline, or in producing materials or supplies or requiring equipment in a discipline related to specialty area to which assigned
OR
- Equivalent to two years of college with 16 semester units in courses involving extensive use of materials, supplies, or equipment and in a discipline related to the area to which assigned may be substituted for one year of the required experience
OR
- Equivalent to four years of college with 16 semester units in courses involving extensive use of materials, supplies, or equipment and in a discipline related to the specialty area to which assigned may be substituted for two years of the required experience.
- Two years of winemaking experience in a commercial and/or educational winery
- Knowledge of the principles and methods related to performing support services
- Knowledge and practical experience with wine production and winery operations
- Knowledge of the principles, information, methods and techniques related to discipline to which assigned
- Knowledge of the materials and supplies related to the curriculum, the characteristics and uses
- Ability to:
 - Plan, organize and schedule work
 - Operate and repair technical and scientific equipment
 - Coordinate support service to meet a comprehensive variety of needs
 - Develop off-campus resources related to the discipline for obtaining materials or equipment
 - Effectively train and supervise students to assist with laboratory support tasks
 - Assist faculty in developing new laboratory exercises or approaches involving laboratory equipment
 - Operate and maintain research equipment in the research center and college
 - Develop analytical protocols and standard operating procedures (SOP's)
 - Develop quality control and quality assurance procedures
 - Maintain records, including an equipment inventory
 - Upgrade laboratory equipment and associated software
 - Work with technicians in other Colleges to share resources
- A history of regular attendance and positive performance evaluations

Preferred Qualifications:

- Sufficient knowledge of the principles and practices of laboratory analysis and equipment operation and maintenance to allow the individual to assume operational responsibility for the Graduate Laboratory and teaching labs belonging to the College.
- A Bachelor's degree in a scientific discipline which includes laboratory work in its curriculum; ideally, Chemistry or Biochemistry; or Biological or Agricultural Sciences if a strong background in analytical instrumentation can be demonstrated either in the academic program or work experience.
- A minimum of two years of experience in research laboratory work related to agricultural, environmental or food sciences or technology; or instructional support related to these areas.
- Sufficient knowledge of the principles and practices of laboratory analysis and equipment operation and maintenance to allow the individual to assume operational responsibility for the Graduate Laboratory and teaching labs belonging to the College.
- Practical experience with different wine production techniques, preferably in different climates and growing regions
- Sufficient knowledge of rules, regulations, and laws in wine production and wine analysis

Filing Deadline:

April 3, 2020

Application Procedures:

Complete the required fields on the online application, a resume, and three professional references, including telephone numbers, are required. A cover letter that addresses your qualifications for the position is also required. Full consideration will not be given to applicants who fail to complete all application requirements.

Pursuant to Executive Order 1088, reasonable accommodation is to be provided upon request from an employee or applicant with disabilities, unless doing so would impose an undue hardship on the campus. What constitutes a reasonable accommodation is to be determined by the campus on a case-by-case basis after it has received the individual's request for accommodation and engaged in an interactive process. Employees or applicants requiring reasonable accommodation should contact Human Resources directly at (559) 278-2032.

How To Apply:

To apply for this or any open position at Fresno State visit our online employment site at: <http://jobs.csufresno.edu/>

Other Requirements:

Pursuant to the requirements of the Immigration Reform and Control Act of 1986, any offer of employment is contingent upon verification of individual's eligibility to be employed in the United States.

California State University, Fresno, in conjunction with the CSU policy, requires that the successful candidate complete a full background check (including a criminal records check) prior to assuming this position. Failure to satisfactorily complete or pass the background check may impact the job offer or continued employment of current CSU employees who apply for posted positions identified as sensitive.

California State University, Fresno annual security report includes statistics for the previous three years concerning reported crimes that occurred on campus, in certain off-campus buildings or property owned or controlled by Fresno State, and on public property within, or immediately adjacent to or accessible from the campus. The report also includes institutional policies concerning campus security, alcohol/drug use, crime prevention, reporting of crimes, sexual assault, and other matters. You can obtain a copy of this report by contacting the Campus Police Department or by accessing the following web site:

<http://www.fresnostate.edu/adminserv/police/clery/index.html>

The person holding this position is considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 Revised July 21, 2017 as a condition of employment. You can obtain a copy of this Executive order by accessing the following web site: <https://www.calstate.edu/eo/EO-1083-rev-7-21-17.html>

This position may be a "designated position" in the California State University's Conflict of Interest Code. The successful candidate accepting this position may be required to file Conflict of Interest forms subject to the regulations of the Fair Political Practices Commission.

Fresno State is a tobacco-free, smoke-free and vapor-free campus.

Other Applicant Information:

Applicants will receive confirmation of receipt of their application materials via automatic email reply. In addition, qualified applicants will receive email notification at the conclusion of the recruitment process.

It is the policy of the California State University to fill vacant positions represented by the California State University Employees' Union (CSUEU) with qualified applicants currently employed on the campus. Other applicants may be selected when it is necessary to meet the best interests of the campus by obtaining specialized skills and abilities not available from campus applicants.

Temporary positions filled through recruitment may be extended or converted to permanent status without a second recruitment depending on the availability of funding and the circumstances that created the vacancy. A permanent or probationary on-campus applicant selected to fill a temporary vacancy at a higher classification or skill level that expires within the stated timeframe may return to his or her previous classification, not necessarily in the same position, subject to the conditions of the appropriate bargaining agreement.

Equal Employment Opportunity:

California State University, Fresno is committed to maintaining and implementing employment policies and procedures in compliance with applicable state and federal equal employment opportunity laws and regulations. Executive Order 883 prohibits discrimination and Executive Order 927 prohibits harassment, on the basis of a protected status: race, color, religion, national origin, ancestry, age, sex (including gender identity, per HR 2004-12), sexual orientation, marital status, pregnancy, mental disability, physical disability, medical condition and covered veteran status. Retaliation against individuals for complaining about these proscribed conduct, opposing such conduct, or participating in an investigation or proceeding involving such conduct is prohibited by both executive orders.

Further, California State University, Fresno's statement of commitment to equal employment opportunity principles is also found in the various collective bargaining agreements.

General Information:

California State University, Fresno is one of 23 campuses in the California State University System. The University's mission is to offer high-quality educational opportunities to qualified students at the bachelor's and master's levels, and in certain applied disciplines, at the doctoral level. The current student enrollment is approximately 24,000, including a large percentage of students with diverse and culturally rich backgrounds. The University serves the San Joaquin Valley while maintaining deep involvement with the state, nation, and world. California State University, Fresno promotes student learning and community engagement through faculty scholarship and service learning opportunities in collaboration with community organizations, educational institutions, industry, business and government. The University was one of the first U.S. Colleges and Universities to be selected by The Carnegie Foundation for the Advancement of Teaching for its Community Engagement Classification.

Metropolitan Fresno, with a multi-ethnic population of over 600,000, is located in the heart of the San Joaquin Valley on the western

edge of the Sierra Nevada Mountain Range. The campus is within driving distance of San Francisco, Los Angeles, Yosemite, Kings Canyon and Sequoia National Parks, the Monterey Peninsula, beaches, sailing, lakes, and numerous ski resorts. Fresno boasts one of the most reasonable housing markets in California and offers a wide array of locally grown fruits and produce.