DEPARTMENT OF CHEMISTRY

(Tenure-Track) Assistant or Associate Professor
Starting Fall 2020

Refer to #104907 on all correspondence and inquiries regarding this position.

OUR COMMITMENT

Guided by our core values, Sonoma State University offers an exceptional educational experience that fosters intellectual, cognitive, social, and personal growth. As the only member of the Council of Public Liberal Arts Colleges in California, we are uniquely positioned to foster ethical exploration, civic engagement, social responsibility, and global awareness combined with a solid foundation in an academic discipline. We have a strong commitment to graduating students who have the ability to think critically and communicate effectively in an ever-changing world. The unique campus culture fosters our Seawolf Commitment to integrity, respect, excellence, and responsibility and is integrated into all campus life. We nurture inclusive excellence through a celebration of the rich diversity of our local communities and our interconnected global economy. Members of the University community are expected to work effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds. SSU is especially interested in candidates who make contributions to equity and inclusion in the pursuit of excellence in teaching, scholarship, and service.

THE UNIVERSITY

Sonoma State University’s beautiful 274-acre campus is located in Sonoma County wine country, an hour north of San Francisco. The campus offers the ideal setting for teaching and learning and access to a community of rich cultural, environmental, and recreational opportunities. Founded in 1960, Sonoma State University is one of the 23 campuses of the California State University System. As members of the largest public higher educational system in the nation, we provide accessible, high quality education to more than 9000 students. Sonoma State University is proud to be a Hispanic Serving Institution committed to achieving the goals of equal opportunity and endeavors to employ faculty and staff reflecting the ethnic and cultural diversity of the region and state.

FACULTY RESPONSIBILITIES

In addition to teaching and scholarship, faculty are expected to engage in service to the department, school, and community. Sonoma State is committed to the Teacher/Scholar model and places an emphasis on faculty support of student research. Faculty are also encouraged to participate in our distinctive, high-impact Freshman and Sophomore year programs and to foster our commitment to the CSU Graduation Initiative 2025 through excellent teaching, advising, and mentoring. Potential applicants are encouraged to review the University’s Reappointment, Tenure and Promotion Policy. Aligned with the California Faculty Association Collective Bargaining Agreement, during the first 2 years of the probationary period the instructional assignment will be reduced by 2 courses per academic year. All faculty are required to have the ability to work effectively in a multicultural environment.
THE DEPARTMENT

The Department of Chemistry serves a diverse group of students by offering three degrees: 1) a B.A. Chemistry degree that provides flexible units for students to pursue a complementary course of study, 2) a B.S. Chemistry degree certified by the American Chemical Society, and 3) a B.S. Biochemistry degree, also certified by the American Chemical Society. As part of these programs, students (approximately 180 majors) have the opportunity to participate in undergraduate research working one-on-one with faculty mentors. Freshman participate in a major-based freshman learning community that emphasizes critical thinking skills for scientists. The Department has 6 tenured or tenure-track faculty members (2 biochem, 2 analytical/physical, 1 organic and 1 inorganic) who conduct research in a wide range of disciplines, including atmospheric and environmental chemistry, resonance Raman spectroscopy, analysis of structure:function relationships of proteins, protein-aptamer interactions and study of enzyme mimics for catalytic applications. In addition, faculty pursue collaborative projects and educational research opportunities.

The Department is a scholarly and diverse group of faculty, students, and staff working together to explore how the world functions at the molecular level and educate the next generation of scientists and citizens. As a faculty, we believe in the hands-on training of our students, and the department is dedicated to undergraduate education. Our curriculum, therefore, is focused on modern teaching methodologies, providing students opportunities to work with relevant instrumentation, to learn experimental design, execution, and troubleshooting, and to practice interpreting and producing various forms of scientific communication. These focuses are integrated throughout the core chemistry courses, Chemistry and Biochemistry Freshman Learning Community (FLC), capstone lab experiences, and undergraduate research.

The department’s advanced instrumentation includes multiple GC-MS, FT-IR, several HPLC instruments, three UV-Vis spectrophotometers, a fluorescence spectrometer with polarizers, AAS, a TOF-LCMS, and 60 and 400 MHz NMRs, both capable of rapid C-13 and 2-D analysis. Also available in the Keck Microanalysis Laboratory are a scanning electron microscope with energy-dispersive x-ray analysis, two atomic force microscopes, an Auger spectrometer and an epifluorescent and laser scanning confocal microscope.

DUTIES OF THE POSITION

The Department of Chemistry within the School of Science and Technology (SST) at Sonoma State University (SSU) seeks a highly motivated, dynamic teacher/scholar to teach and do research with undergraduate students in chemistry, with a preference for expertise in the area of organic chemistry, and especially techniques in green chemistry with a focus on sustainability. The ideal candidate will also have expertise in waste management and safety as the chemical hygiene officer (CHO). This position aligns with SSU’s Strategic Plan 2025 (can be found at http://strategicplan.sonoma.edu/) which includes core values in sustainability and environmental inquiry. In addition, this position would create research opportunities in synthetic organic chemistry and/or green chemistry. Teaching responsibilities may include contributions to introductory chemistry, sophomore level organic chemistry (lecture and lab), advanced senior lab. The candidate will also have the opportunity to contribute to other courses in their area of specialty and to curriculum development for both major and non-major courses including SSU’s General Education program. The successful candidate will initiate and maintain a research program that involves SSU undergraduate students, seek grant funding for scholarly work and make substantive and documentable contributions to their discipline. The successful candidate is expected to work with a diverse team of faculty, staff and students in the department and in addition to teaching and research, will have responsibilities in: academic advising, assisting the department with administrative and/or committee work, curriculum development and program assessment/ACS certification, and participation in school-wide and campus committee responsibilities. This position will also serve as the Chemical Hygiene Officer for the School of Science and Technology, working with faculty, staff, students and campus environmental health and safety staff to create and maintain chemical safety programs for all laboratory facilities.

PROFESSIONAL QUALIFICATIONS
To be recommended for appointment, the candidate must have:

- a Ph.D. in chemistry by the time of appointment.
- a demonstrated commitment to teaching and scholarship at the undergraduate level.
- a commitment to working as part of a diverse team.
- evidence of a strong background in organic chemistry with initiative to lead safety and waste management at SSU.

Research and teaching focus in synthetic and/or green chemistry and prior teaching and/or post-doctoral research experience are preferred, although all candidates who meet the minimum qualifications are encouraged to apply.

Preference will be given to candidates who have previous teaching experience in both lecture and laboratory courses at the undergraduate level, and who propose a research program that includes undergraduate students at Sonoma State University.

**RANK AND SALARY**

Salary, service credit, and rank depends upon academic preparation and professional experience. The salary range for this position is $76,014 - $88,179.

**HOW TO APPLY**

To apply for this position, go to [www.sonoma.edu/jobs](http://www.sonoma.edu/jobs) and select Job Opportunities. If you are not currently employed at Sonoma State University, select the External Applicants box. You will be redirected to a list of all available jobs at Sonoma State University. Find and select the faculty position you are applying for to view the description and select Apply Now. If you have not applied for a job at Sonoma State University previously you will be asked to Register Now in order to proceed. After submitting the application letter and curriculum vitae, please proceed to My Career Tools to attach the additional required documents. Your statement of research interests may be a statement of scholarship and/or creative activity if appropriate to your discipline. PDFs are the preferred format for all submissions. Once you have submitted all materials, a confirmation email will be automatically sent to you. If you encounter difficulties during the application process, please email facultysearch@sonoma.edu. Applications submitted to the faculty search email address will not be considered, so please use the [www.sonoma.edu/jobs](http://www.sonoma.edu/jobs) link above.

Please submit:

**Required**

- A single PDF document that includes an application cover letter, research statement and proposal for an undergraduate research program, and statement of Teaching Philosophy. In your cover letter, you should address your experiences with diversity in your teaching, research and/or service and your potential to support SSU’s commitment to diversity.
- Curriculum vitae including contact information for three (3) references.

**Additional Optional Documents**

- Documentation of successful teaching such as student or peer evaluations, if available.

Letters of Recommendation will be requested from finalists only. Official transcripts may be required at the time of hire.

Sonoma State University hires only individuals lawfully authorized to work in the United States. All offers of employment are contingent upon presentation of documents demonstrating the appointee’s identity and eligibility to work, in accordance with the provisions of the Immigration Reform and Control Act. A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU.
APPLICATION DEADLINE

Applications received by September 23, 2019 will be given full consideration. The position will remain open until filled.

Questions concerning this position may be directed to:

   Dr. Carmen Works, Search Committee Chair
   Email: works@sonoma.edu
   Phone: 707-664-3084

Questions concerning the application process may be directed to: facultysearch@sonoma.edu.

#104907 PLEASE REFER TO THIS NUMBER ON ALL CORRESPONDENCE AND INQUIRIES REGARDING THIS POSITION.

OTHER INFORMATION

The university is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, or protected veteran status.

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 as a condition of employment.

View Benefits Summary

SONOMA STATE UNIVERSITY
Department of Chemistry
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