Assistant Professor, Chemistry


Work type: Instructional Faculty – Tenured/Tenure-Track
Location: San Francisco
Categories: Unit 3 – CFA – California Faculty Association, Tenured/Tenure-Track, Full Time, Faculty – Natural Sciences

San Francisco State University, Department of Chemistry & Biochemistry invites applicants for a tenure-track Assistant Professor position with specialization in Analytical/Environmental Chemistry beginning August 2022. The Department of Chemistry & Biochemistry is deeply committed to both high-quality teaching and research at the undergraduate and master’s level and the successful candidate will share this dual commitment. We seek candidates who will contribute to the diversity and excellence of our academic community through their research, teaching, and service activities.

The Department of Chemistry & Biochemistry is home to 400 undergraduates, 30 master’s degree students, 20 part-time lecturer faculty, and 14 full-time faculty. The mission of the Department of Chemistry & Biochemistry is to educate our students in the essential principles and practices of chemistry and biochemistry, and to inspire our students to reach their personal and professional goals as they become the next generation of scientists, scientific professionals and scientifically literate individuals. The Department has a reputation for actively engaging students in research activities leading to publication, presentations, and academic success. In this broad search, we welcome chemical scientists who use interdisciplinary approaches and emerging ideas in analytical/environmental chemistry with the goal of improving the fundamental understanding of the impacts of human activities on the environment. Major research instrumentation currently available in the Department includes two 500 MHz NMR instruments, a field emission scanning electron microscope, a powder X-ray diffractometer, an atomic force microscope, an EPR spectrometer, and several high-resolution mass spectrometers. A comprehensive list of departmental resources and College of Science & Engineering facilities can be found at https://chemistry.sfsu.edu/resources. The Department expects to move into a new state-of-the-art building in early 2024.

The mission of San Francisco State University is to (1) create and maintain an environment for learning that promotes respect for and appreciation of scholarship, freedom, human diversity, and the cultural mosaic of the City of San Francisco and the Bay Area, (2) promote excellence in instruction and intellectual accomplishment, and (3) provide broadly accessible higher education for residents of the region and state, as well as the nation and world.

To fulfill its mission, the University is committed to the following goals:
- Attracting, retaining and graduating a highly diverse student body;
- Providing disciplinary and interdisciplinary liberal arts and professional education that is academically rigorous and intellectually challenging;
- Providing curricula that reflect all dimensions of human diversity, and that encourage critical thinking and a commitment to social justice;
- Recruiting, retaining and supporting a diverse faculty whose teaching demonstrates an active engagement with their individual fields of study and whose creative and scholarly work is an extension of the classroom, laboratory or studio;
- Employing a staff and administration reflecting the diversity of our student community and the values of the campus;
- Fostering a collegial and cooperative intellectual environment that includes recognition and appreciation of differing viewpoints and promotes academic freedom within the University community; and
- Serving the communities with which its students and faculty are engaged.

Responsibilities: The position requires both undergraduate and graduate teaching in analytical/environmental chemistry, mentoring and advising graduate and undergraduate students, developing an active research program that will engage undergraduate and MS students in analytical and environmental chemistry, and ongoing committee and service assignments.

Qualifications:
Required:
- Ph.D. and post-doctoral experience in analytical/environmental chemistry or related field;
- Record of working and communicating effectively with colleagues and students.
Preferred:
- Record of teaching contributions in the areas of analytical and/or environmental chemistry;
- Active record of research and scholarship related to specialty area and evidence of the potential for external funding of these activities;
- Demonstrated ability to incorporate inclusion, diversity, and educational equity in teaching and scholarship activities;
- Experience teaching and working closely with students from historically under-represented communities;
- Record of contributing to supportive and collaborative work environments.

Rank and salary: Assistant Professor. Salary commensurate with qualifications and experience. The California State University (CSU) provides generous health, retirement and other benefits.

Application Procedure: A complete online application must be submitted to receive consideration. Review of applications begins November 15, 2021 and will continue until the position is filled. To apply, please go to https://careers.pageuppeople.com/873/sf/en-us/job/505340/assistant-professor-chemistry to begin the application process and upload the following materials:

1. Cover letter (relating your experience to the required qualifications)
2. Curriculum vitae
3. A statement (up to 10 pages) that includes the following three sections:
   A. Your commitment to promoting a culture of equity, diversity and inclusion as a faculty member at SFSU. Comment on your overarching goals and plans for effectively serving SFSU’s diverse student and community populations. Discuss how you have addressed diversity, equity and inclusion in your teaching, research, and other relevant activities including outreach.
   B. Your teaching experience and plans for implementing thoughtful and effective teaching strategies in the undergraduate and graduate classroom. State how you will contribute to curricula in the Department and describe any additional curricular developments that you envision.
   C. Your plan to build an externally funded research program that directly engages undergraduate and MS students. Describe the research that you will carry out at SFSU. Identify target funding sources and key resources needed to carry out the work. Describe any past experiences mentoring undergraduate students in research and how you would engage undergraduate and graduate students as contributing authors in your published work.
4. Names and contact information of three references who will provide letters of recommendation upon request.

Please direct all questions about the position to: Chair of the Analytical/Environmental Search Committee, Dr. Bruce Manning (bmanning@sfsu.edu).

San Francisco State is an Equal Opportunity/Affirmative Action Employer and does not discriminate against persons on the basis of race, religion, color, ancestry, age, disability, genetic information, gender, gender identity, gender expression, marital status, medical condition, national origin, sex, sexual orientation, covered veteran status, or any other protected status. We strongly encourage the application of individuals from historically underrepresented groups. Reasonable accommodations will be provided for qualified applicants with disabilities who self-disclose by contacting the Senior Human Resources Manager. Additional information on the requirements for new hires may be found at the Human Resources web page (https://hr.sfsu.edu/about-hr).