Assistant Professor, Chemistry

Salary: $68,843.11 - $101,040.44 Annually

Location: San Bernardino, CA

Department: Science

Job Number: 00610

Closing: 3/1/2022 4:30 PM Pacific

Mission Statement
San Bernardino Valley College is a designated Hispanic Serving Institution with a majority of our students identifying themselves as either African-American/Black or LatinX. At the heart of the Inland Empire, SBVC is a driving factor to improve the lives of our students, their families, and our communities. We are seeking individuals to join our Nursing Department team that are fully committed to transformational, culturally responsive education in a collegial and collaborative student-centered environment.

Summary Description
This posting is to fill one (1) full-time, tenure track positions teaching Chemistry within the Science Division.

We value the ability to serve students from a broad range of cultural heritages, socioeconomic backgrounds, genders, abilities, and orientations. Therefore, we prioritize applicants who demonstrate they understand the benefits diversity brings to a professional educational community. The successful candidate will be an equity-minded individual committed to collaborating with faculty, classified staff, administration, students and community partners who are also committed to closing equity gaps. An equity-minded individual is a person who already does or has demonstrated the desire to:

• Understand the importance of educators being held accountable for closing equity gaps and engaging in equitable practices.
• Reframe inequities as a problem of practice and view the elimination of inequities as an individual and collective responsibility
• Encourage positive race-consciousness and embrace human difference
• Reflect on institutional and teaching practices and aim to make them more culturally responsive
• Strategically build buy-in and participation among colleagues for equity-related initiatives.

EXAMPLES OF DUTIES:
The duties below are representative of the duties of the classification and are not intended to cover all the duties performed by the incumbent(s) of any particular position. The omission of specific statements of duties does not exclude them from the position if the scope of work is similar, related, or a logical assignment to this classification.

• Provide instruction to general education students, students who wish to major in chemistry, and students pursuing degrees in other science, math, and engineering disciplines
• Create course materials, such as syllabi, lectures, homework, quizzes, exams, lab manuals, etc.
• Evaluate and grade students' homework, laboratory work, and assignments
• Demonstrate and explain physical experiments during physical laboratory hours that develop the critical thinking skills of students
• Teach courses during evenings and/or weekends if required
• Work collegially with the faculty and staff of the division to advance student success
• Consult with students during regularly scheduled office hours
• Participate and collaborate in chemistry team, department, and division meetings
• Assist in curriculum development, updates, and revisions
• Perform other duties as required by contract, collective bargaining agreements, and general institutional needs

KNOWLEDGE, SKILLS AND ABILITIES:

• Commitment to student learning in a framework of equity and inclusion
• Ability to teach students pursuing major's preparation in a variety of science, technology, engineering, and mathematics courses as well as students fulfilling general education requirements in physical sciences, as assigned
• Knowledge of a variety of successful teaching techniques
• An understanding of current chemistry issues and trends and the ability to communicate those ideas to a variety of levels and interests. Willingness to actively participate and contribute to changes in the Chemistry program at department and team meetings as well as in the Science Division
• Commitment to support gender and ethnically diverse students and students with disabilities enrolled in chemistry
• Ability to ensure consistent and appropriate monitoring of student progress in the lab setting
• Ability to use teaching methods that engage all students actively in their own learning and encourage them to learn problem solving skills
• Ability to teach in both in-person and virtual environments
• Ability to adapt teaching methodology to meet the needs of an ethnically and culturally diverse group of students and students with disabilities
• Ability to assist students in the acquisition, analysis, and evaluation of knowledge and skills in both lab and virtual settings
• Willingness to work with both faculty and staff in a spirit of collegiality at department, division, college, and District levels
• Ability to reflect on and evaluate the effectiveness of one's own pedagogy and modify techniques to engage students
• A familiarity with and willingness to expand the use of computer-based technology appropriate to the field of chemistry
• Commitment to the SBCCCD goal of integrating writing skills across the curriculum
• Commitment to the goals and ideals of the teaching profession and enthusiasm for the mission of the community college

**Qualifications**

Masters in Chemistry

OR

Bachelor's in chemistry or biochemistry

AND

Master's in biochemistry, chemical engineering, chemical physics, physics, molecular biology or geochemistry

OR the equivalent

**DESIRED QUALIFICATIONS:**

• Experience teaching adults
• A demonstrable commitment to the principles of diversity, equity, and inclusion.

**Physical Demands and Working Environment**

The conditions herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.

**Environment:** Work is performed primarily in a standard office setting.

**Physical:** Primary functions require sufficient physical ability and mobility to work in an office setting; to stand or sit for prolonged periods of time; to occasionally stoop, bend, kneel, crouch, reach, and twist; to lift, carry, push, and/or pull light to moderate amounts of weight; to operate office equipment requiring repetitive hand movement and fine coordination including use of a computer keyboard; and to verbally communicate to exchange information.

**Vision:** See in the normal visual range with or without correction; vision sufficient to read computer screens and printed documents; and to operate assigned equipment.

**Hearing:** Hear in the normal audio range with or without correction.

**To apply, visit:** [https://apptrkr.com/2861663](https://apptrkr.com/2861663)
The San Bernardino Community College District is an equal opportunity employer. The District encourages applications from underrepresented minorities and the disabled.