

Assistant Professor (Chemical Education)  
Department of Chemistry & Biochemistry  
College of Natural & Behavioral Sciences

### **Position Description**

The Department of Chemistry & Biochemistry in the College of Natural and Behavioural Sciences at California State University, Dominguez Hills (CSUDH) invites applications for a Tenure-track position at the rank of Assistant Professor (Academic Year) with the appointment starting in Fall 2024.

At CSUDH, we celebrate and respect diversity in all forms that include every race, religion, gender, ethnicity, veterans, people with varied abilities, and members of the LGBTQ+ community. CSUDH is seeking applications from candidates who can demonstrate experience in teaching and working with individuals from diverse backgrounds and contribute to the University's mission, vision, and core values.

For more information: [Mission, Vision, and Core Values](#).

### **The Position**

The Department of Chemistry & Biochemistry at CSUDH seeks applicants for a tenure track faculty position at the level of Assistant Professor in the area of Chemical Education Research. Candidates interested in developing a consistent and strong research program in Chemical Education and joining an interdisciplinary community of faculty interested in educational research are encouraged to apply. The desired candidate would have a background of research in discipline-based education research as it relates to diversity, equity, and inclusion in STEM education, including the implementation and study of evidence-based practices.

### **Qualifications**

#### Required Qualifications

- A PhD in Chemical Education or a related field with a significant background in Chemical Education research.
- A record of publications demonstrating the candidate's ability to conduct research in the field of Chemical Education.
- A record of, or potential for, effective teaching in Introductory and General Chemistry, as well as any upper division courses or electives that fall within the area of expertise of the candidate.
- Applicants must have experience in teaching undergraduates from diverse age, socioeconomic, cultural, and academic backgrounds.

#### Preferred Qualifications

- Ability to assist in the development and assessment of program learning outcomes in the BS Chemistry, BS Biochemistry, and BA Chemistry degree programs.
- Ability to implement and assess the effectiveness of innovative pedagogies and to mentor students in undergraduate research related to Chemical Education.
- A willingness to collaborate with faculty in the department to pursue external funding that will expand the educational infrastructure of the department.

## How to Apply

A completed on-line application must be received by electronic submission to be considered. To apply, please visit [CSUDH career-opportunities](#).

### Application Deadline Date:

The position is open until filled. Review of applications will begin in September 2023. For full consideration, please submit your completed application with the required materials no later than September 22, 2023:

- Current Curriculum Vitae with contact information
- Cover letter
- Statement on Diversity, Equity, and Inclusion (2 pages maximum)\*
- List of 3 references with contact information\*\*
- Unofficial transcripts (an official transcript will be required for the finalist)\*\*\*
- A Statement on Teaching (2 pages maximum)
- A Statement on Research (2 pages maximum)
- Sample Publications or Evidence of Creative/Scholarly Activity
- Teaching Evaluations (if available)

*\*Given CSUDH's commitment to diversity and inclusion for all students, faculty, staff, and administrators, describe your individual commitment and experiences in advancing diversity and inclusion and how they relate to your future teaching and research.*

*\*\*This position requires three letters of recommendation (LORs). Please do not upload your LORs with your application. Your list of references will be notified at the appropriate time during the search process. They will receive a request via email along with information on uploading the LOR. You will be able to verify that each letter has been received by CSUDH by logging back into your applicant portal.*

*\*\*\*For finalist with International transcripts, a United States Equivalency certification will be required.*

*A United States (US) Equivalency certification is required for earned/awarded/conferred foreign terminal degrees, which is from a foreign Academic Institution for foreign studies. The US Equivalency certification is used to validate foreign studies from an academic credential evaluation agency and is evaluated on foreign studies and deemed to be equivalent to degrees from the United States. The certification must translate the information in English, and confirm that your highest terminal degree is US Equivalent to a US terminal degree (i.e., Bachelor's, Master's, Doctorate's, Doctor's of Philosophy). The certification can be emailed to [facultyaffairs@csudh.edu](mailto:facultyaffairs@csudh.edu) or mailed directly to the office of Faculty Affairs and Development, 1000 East Victoria Street, WH-368, Carson, CA 90747.*

If you have questions regarding the position, please contact:

Dr. Erin McCauley  
Search Committee Chair  
[emccauley@csudh.edu](mailto:emccauley@csudh.edu)

### Department of Chemistry & Biochemistry

The CSUDH Department of Chemistry and Biochemistry has a strong commitment to undergraduate education and providing research experiences for undergraduate students. The department offers multiple undergraduate degree programs including a B.S. in Chemistry that is certified by the American Chemical Society (ACS), a B.S. in Biochemistry, and B.A. in Chemistry. Furthermore, the department is currently developing a Master's degree program that will be implemented in the near future.

The department is housed in the newly constructed Science and Innovation building equipped with modern research and teaching laboratories. The instrumentation available within the department includes a 400 MHz JEOL NMR Spectrometer with a two-channel HX broadband probe, Isothermal Titration calorimeter, Differential Scanning calorimeter, Circular Dichroism spectrometer, FT-IR and FT-IR microscope, UV-visible spectrophotometers (with microdrop and kinetics capabilities), a fluoromicroplate reader, an Isolera™ prime-automated flash purification system, VersaSTAT 4 Potentiostat, Shimadzu and Agilent GC-mass spectrometers, a Thermo Orbitrap MS equipped with a Vanquish UHPLC, Diode Array Detector and Charged Aerosol Detector, Shimadzu Preparative HPLC (with PDA & ELDA detectors), Shimadzu GC-FID-TCD, and an Thermo Scientific ICE 3000 Atomic Absorption Spectrophotometer with a graphite furnace.

### **Mission Statement**

CSUDH Department of Chemistry provides world-class academic excellence – across the chemical society – by engaging a diverse student body and faculty in a dynamic learning environment. Our department provides cutting-edge research and is shaping the next generation of critical thinkers, scientists, and industry leaders.

For more information: <https://www.csudh.edu/chemistry/>

### **Additional Information**

The Assistant Professor (Academic Year) classification salary range is \$5,405 to \$11,994 per month (12 monthly payments per academic year). The anticipated hiring salary is \$6,775 to \$6,942. This position will be commensurate with experience and current CSUDH faculty salaries in the academic department/discipline. Faculty salaries are subject to budgetary authorization and any California State University System faculty contract increases. Summer research grants, moving expenses, start-up funds, and a reduced teaching load may be available.

An excellent comprehensive benefits package is available that includes: health/vision/dental plans; spouse, domestic partner and dependent fee-waiver; access to campus child-care; and a defined-benefit retirement through the state system along with optional tax sheltering opportunities. For a detailed description of benefits, please visit: <https://www.csudh.edu/hr/benefits/>.

### **Background Check**

Satisfactory completion of a background check (including a criminal records check) is required for employment. CSU will make a conditional offer of employment, which may be rescinded if the background check reveals disqualifying information, and/or it is discovered that the candidate knowingly withheld or falsified information. Failure to satisfactorily complete the background check may affect the continued employment of a current CSU employee who was conditionally offered the position.

### **CSU COVID-19 Vaccination Policy**

The California State University (CSU) is committed to safeguarding the health and well-being of our students, faculty, staff, administrators, and the communities we serve, as well as maintaining higher education access and attainment for our students, as such, we embrace a comprehensive strategy designed to reduce the likelihood of transmission of the COVID-19 virus. The CSU strongly recommends that all individuals who access any in-person program or activity (on- or off-campus) operated or controlled by the University follow COVID-19 vaccine recommendations adopted by the U.S. Centers for Disease Control and Prevention (CDC) and the California Department of Public Health (CDPH) applicable to their age, medical condition, and other relevant indications and comply with other safety measures established by each campus. The systemwide policy can be found at CSU Vaccination Policy and any questions you have may be submitted to [hrm@csudh.edu](mailto:hrm@csudh.edu).

### Mandated Reporter Per CANRA

The person holding this position is considered a ‘mandated reporter’ under the California Child Abuse and Neglect Reporting Act (CANRA) and is required to comply with the requirements set forth in [CSU Executive Order 1083](#), revised July 21, 2017, as a condition of employment.

### Closing Statement

CSUDH 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.

For more information: [U.S. Equal Employment Opportunity Commission](#)

Individuals with disabilities requesting accommodations under the Americans with Disabilities Act (ADA) may call the Human Resources’ Office (310) 243-3771.

Clery Act crime statistics for CSUDH are available at [Campus Security Report \(Clery\)](#), or by calling University Police at (310) 243-3639.

Upon appointment, all candidates must furnish proof of eligibility to work in the U.S.

The California State University is Smoke and Tobacco Free. Smoking, Vaping and other Tobacco use are Not Permitted anywhere on University property. Education Code 42356, CCR Title 5, Article 9.

For more information see: [Smoke & Tobacco-Free](#)