

San Diego State University
Department of Geological Sciences
Environmental Sciences Program

**Tenure Track Associate Professor in Geochemistry
and
Director of the Environmental Science Program**

The Department of Geological Sciences and the Environmental Sciences Program invites applications for a new tenure-track role, Director of the Environmental Science Program and Associate Professor in Geochemistry. The Department seeks to enhance its areas of expertise by adding a faculty member with a focus in applications of geochemistry to understand earth systems, earth system processes, climate, petrology, water quality/quantity and/or environmental issues.

The successful candidate will demonstrate a high capacity for developing and maintaining an externally-funded research program in their area of excellence, advise undergraduate research, supervise graduate students, possess a desire to deliver high-quality and innovative teaching and a willingness to engage in the shared governance model at all levels. The candidate will work closely with the Department Chair to advance all aspects of the Environmental Science Program including course development, curricular revisions, student advising, and promotion of the program. In addition to directing the program, the candidate will be expected to develop and teach courses for the department related to the Environmental and Geological Sciences at the undergraduate and graduate level, potentially including courses such as Applications of Geochemistry, Environmental Geochemistry, Introduction to Environmental Systems, A Systems Approach to the Environment, and courses within their discipline.

The successful applicant will demonstrate a trajectory of research and teaching appropriate for the level of an early career associate professor, including an established publication record, demonstrated capacity for securing external funding and teaching experience. A PhD in Geology or related field is required for the position. Demonstrated success in research, teaching and service/outreach at a level appropriate for the rank of Associate Professor is required. Offers are contingent on verification of academic qualifications.

About the Department

The San Diego State University Department of Geological Sciences is composed of two programs, the Geological Sciences Program (GSP) and the Environmental Science Program (ESP). The GSP is the fifth oldest program in California and has solid traditions in excellence in education and research. The GSP faculty is composed of individuals who teach and conduct research related to theoretical seismology, neotectonics, marine/coastal geology, sedimentology, stratigraphy, Quaternary geology, deep earth

geophysics, near surface geophysics, hydrology, geochemistry and structural geology. The ESP program was added to the Department in Fall 2017 and has growing interdisciplinary expertise in aspects of earth systems, water, climate and coupled human-earth interactions. The Department has a small, but vibrant community of undergraduate students (~85 GSP & ~130 ESP majors), approximately 20 Geology MS students and 10 PhD students in the Joint Doctoral Program in Geophysics with Scripps Institute of Oceanography at UCSD.

The ESP is an interdisciplinary program that is focused on a systems approach to environmental science. Core courses are offered through the Department of Geological Sciences and students are free to specialize their approach by drawing on courses offered throughout the University that support one or more of the key systems, including: 1) Water, 2) Earth, 3) Climate, 4) Anthropogenically Altered and 5) Systems Analysis. The curriculum is currently undergoing revision and new courses as well as systems tracks will be added based on the focus and input of the candidate.

The Building Inclusionary Excellence Program

San Diego State University has begun a campaign to focus on expanding the diversity and inclusion of the faculty. This position may also be eligible for SDSU's Building on Inclusive Excellence (BIE) hiring program that creates additional faculty lines for candidates who meet two or more of the following criteria:

- Is engaged in service with underrepresented populations in higher education
- Demonstrates knowledge of barriers for underrepresented students and faculty in higher education
- Has experience or demonstrated commitment to teaching and mentoring underrepresented students
- Integrates understanding of underrepresented populations and communities into research
- Extends knowledge of how to achieve artistic or scholarly success as a member of an underrepresented group
- Is committed to research that engages underrepresented communities
- Shows expertise in cross-cultural communication and collaboration
- Has research interests that contribute to diversity and equal opportunity in higher education

To be considered for one of these additional BIE hires, candidates should identify in their letter of application how they meet two or more of the criteria.

Applicants who show commitment to Inclusive Excellence are encouraged to apply.

About the University

SDSU is a large, diverse, urban university and Hispanic-Serving Institution with a commitment to diversity, equity, and inclusive excellence. Our campus community is diverse in many ways, including race, religion, color, sex, age, disability, marital status, sexual orientation, gender identity and expression, national origin, pregnancy, medical condition, and covered veteran status. We strive to build and sustain a welcoming environment for all. SDSU is seeking applicants with demonstrated experience in and/or commitment to teaching and working effectively with individuals from diverse backgrounds and members of underrepresented groups. The College of Sciences is host to a large number of federally-funded minority training programs (described at <http://www.sci.sdsu.edu/casa/>).

How to apply

Apply via Interfolio at <https://apply.interfolio.com/53560>. Application materials must include 1) a current CV, 2) Statement of Teaching, 3) Statement of Research, 4) Statement of leadership and vision for the ESP, and 5) names and contact information for three (3) recommenders. Review of applications will begin 15 October, 2018, and will continue until the position is filled. Recommendations will be solicited after the short list is developed. Incomplete applications are not guaranteed full consideration. Please direct questions about the position to the search committee chair, Dr Thomas Rockwell, trockwell@sdsu.edu.

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 as a condition of employment.

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

SDSU is a Title IX, equal opportunity employer and does not discriminate against persons on the basis of race, religion, national origin, sexual orientation, gender, gender identity and expression, marital status, age, disability, pregnancy, medical condition, or covered veteran status