



The [Institute of Marine Sciences](#) at the University of California, Santa Cruz (UCSC), in collaboration with the United States Geological Survey (USGS) Pacific Coastal & Marine Science Center (PCSMC), invites applications for the position of Project Scientist in organic geochemistry under the direction of Professor Matthew McCarthy (UCSC), in collaboration with Dr. Nancy Prouty. This position supports research aimed at understanding the cycling and transport for organic matter in the marine environment, in particular developing and applying organic biomarkers as tracers in biogeochemical cycles, and in understanding the impact of natural and human-induced environmental change in the present and past. The successful candidate will be expected to conduct research and organic biomarker/organic isotope analyses that contribute to ongoing and future research projects. Some current examples include: deciphering changes in quality, quantity, and source of organic matter delivered to the deep-sea environment; characterization of the temporal and spatial distribution of organic matter in complex marine settings, to link physical processes to biology; application of compound-specific biomarkers in paleoclimate archives, including fire and tsunami histories; quantifying levels of organic contaminants to shallow coral reefs; and analysis of organics in degraded oil samples.

The successful candidate will be expected to contribute to laboratory operations in organic geochemistry laboratories, maintaining instrumentation at an operational level, and assisting scientific staff, students, and postdocs with analyses. The position requires excellent interpersonal and organizational skills, and working with a diverse number of researchers, research topics, students, and postdocs. The candidate will be expected to take the initiative to isolate and solve instrumentation problems independently, and have the ability to monitor safety in the laboratory, and work effectively both independently and as part of a team. Finally, the successful candidate will also be expected to take an active role in assisting with data interpretation and publications.

RANK: Assistant to Associate Project Scientist

SALARY: Minimum: \$54,800, commensurate with qualifications and experience

BASIC QUALIFICATIONS: A PhD degree (or foreign equivalent) with specialization in organic geochemistry and/or chemical oceanography, or a related field/discipline. Demonstrated experience in organic geochemical lab techniques, including biomarker extraction and analysis from sedimentary and/or biogenic matter. Demonstrated experience with a range of organic geochemical analytical instruments, including mass spectrometry, gas and/or liquid chromatography.

PREFERRED QUALIFICATIONS: Preferred areas of expertise include: analyzing lipid biomarker classes (i.e., sterols, n-alkanes, and fatty acids), continuous flow organic compound-specific stable isotope analysis (CSIA), petrogenic hydrocarbon extraction, amino acid analysis and interpretation.

POSITION AVAILABLE: As soon as possible after closing.

TERM OF APPOINTMENT: The initial appointment is for one year, with the possibility of extension. Should the hiring unit propose reappointment, a review to assess performance will be conducted. Reappointment is also contingent upon availability of funding.

TO APPLY: Applications are accepted via the UCSC Academic Recruit online system, and must include a letter of application that addresses how you meet the basic qualifications, curriculum vitae, a research statement, names and contact information for 3 to 5 referees, and a sample (optional) of published material.* Documents/materials must be submitted as PDF files.

Apply at <https://recruit.ucsc.edu/apply/JPF00421>

Refer to Position #[JPF00421-17T](#) in all correspondence.

*All letters will be treated as confidential per University of California policy and California state law. For any reference letter provided via a third party (i.e., dossier service, career center), direct the author to UCSC's confidentiality statement at <http://apo.ucsc.edu/confstm.htm>.

CLOSING DATE: Review of applications will begin on May 12, 2017. To ensure full consideration, applications should be complete, including the referees' names and contact information, by this date. The position will remain open until filled but not later than June 30, 2018.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status. UC Santa Cruz is committed to excellence through diversity and strives to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees. Inquiries regarding the University's equal employment opportunity policies may be directed to: Office for Diversity, Equity, and Inclusion at the University of California, Santa Cruz, CA 95064; (831) 459-2686.

Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available here or from the Academic Personnel Office (APO) at (831) 459-4300.

UCSC is a [smoke & tobacco-free campus](#)

If you need accommodation due to a disability, please contact the Academic Personnel Office at apo@ucsc.edu (831) 459-4300.

VISIT THE APO WEB SITE AT: <http://apo.ucsc.edu>

5/4/17