



UNIVERSITY OF CALIFORNIA
SANTA CRUZ

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
DEPARTMENT OF OCEAN SCIENCES
Postdoctoral Scholar in Organic Geochemistry/Paleoceanography

The [Ocean Sciences Department](#) at the University of California, Santa Cruz, seeks a highly motivated post-doctoral fellow to conduct research in marine organic geochemistry/paleoceanography under the direction and supervision of Dr. Thomas Guilderson. The appointee will be expected to conduct research as part of a NSF-funded collaborative project between Drs Thomas Guilderson and Matt McCarthy into the use of compound-specific amino acid stable isotope patterns from deep-sea proteinaceous corals to reconstruct nutrient dynamics in North East Pacific. This position bridges paleoceanography and organic/stable isotope geochemistry, so experience in both areas is highly desirable, however expertise in one area and interest in the other is also acceptable; i.e., experience in either 1) paleoceanography, and in particular expertise paleo N or C cycle reconstruction using deep-sea corals or other archives, or 2) organic geochemistry, in particular interest in organic N biomarkers and the N cycle in the oceanic water column or application of C biomarkers to elucidate community structure. Opportunities will exist for the selected individual to work with and mentor students.

RANK: Postdoctoral Scholar

SALARY: Minimum \$51,000 annually, commensurate with qualifications and experience

BASIC QUALIFICATIONS: A Ph.D. or equivalent in Oceanography, Chemistry or Biochemistry, Biology, or a related field Experience with organic stable isotope biogeochemistry (eg., ^{13}C and/or ^{15}N via IRMS, or GC-IRMS or LC-IRMS) is required.

TERM OF APPOINTMENT: Initial appointment is for one year. Should the hiring unit propose reappointment, a review to assess performance will be conducted. In addition, reappointment is contingent upon availability of funding. For appointments within the University of California, the total duration of an individual's postdoctoral service may not exceed five years, including postdoctoral service at other institutions. Ph.D. must be conferred by time of appointment.

POSITION START DATE: As soon as possible after close of search.

SPECIAL CONDITIONS OF EMPLOYMENT: Occasional travel for periods up to one week may be required.

TO APPLY: Electronic submissions are preferred. Applicants should send 1) Curriculum Vitae, 2) a letter of application that addresses how you meet the basic qualifications, 3) names of at least three referees*, and at least one (1) example of published work. Application materials should be sent to: tguilder@ucsc.edu and mdmccar@ucsc.edu. **Please refer to position #PS-Ocean16 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: Position is open until filled. Initial consideration of applications will begin on February 10, 2017. If you intend to submit an application near the initial consideration date, contacting the PIs in advance would be appreciated.

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.