

## Specialist Position

The Department of Earth System Science at UC Irvine has an immediate opening for a Specialist to support operations of the W. M. Keck Carbon Cycle Accelerator Mass Spectrometer (KCCAMS).

The overall mission of the Keck facility is to use isotopes (primarily  $^{14}\text{C}$ ) to study the carbon cycle and its relationship with climate. We use  $^{14}\text{C}$  as a dating tool for placing paleoclimate records in time, and we also use  $\delta^{13}\text{C}$  and  $\Delta^{14}\text{C}$  measurements in soils, sediments, land and marine biota, carbonates, organic matter, atmospheric gases, and individual organic compounds, as tracers for the carbon cycle.

The successful applicant will assist in the processing of samples through the KCCAMS sample preparation laboratory, help visiting researchers and students, and also participate in sample measurement, data analysis, and technical development as part of the overall activity of the research group. Over time, he/she will increasingly share a managerial role. While the primary emphasis of the position will be on laboratory operations and upgrading, the successful applicant will also be encouraged to collaborate scientifically in program areas of the laboratory.

Applicants should have an M.S. or higher degree in Physics, Chemistry or Earth Science, or equivalent experience. Experience in AMS sample preparation and spectrometer operation and familiarity with carbon cycle research and radiocarbon methods is desired. Appointment level and salary will be commensurate with qualifications and experience, based on University of California salary scales. The Specialist series are term positions, and the appointment will initially be made for two years. However, it is anticipated that this will be a long term position, contingent on continued funding for the laboratory.

A curriculum vitae including names and contact information for three references should be sent to John Southon or Guaciara Santos, Dept of Earth System Science, U.C. Irvine, Irvine, CA 92697-3100; email [jsouthon@uci.edu](mailto:jsouthon@uci.edu), [gdossant@uci.edu](mailto:gdossant@uci.edu).

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