

Stable Isotope laboratory Manager Position, open immediately:

The Lamont-Doherty Earth Observatory of Columbia University is hiring a lab manager to maintain and run a multi-instrument stable isotope ratio mass spectrometry (SIRMS) facility for the analysis of carbonates, water, and organic compounds. The facility consists of six mass spectrometers, four of which were installed in 2011 and 2012. Instruments include 1.) one Elementar Isoprime 100 w/ dual inlet and multiprep for $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ analysis of carbonate samples, $\delta^{18}\text{O}$ and δD of water, and a 10 collector isotopologue array for the analysis of multiply substituted isotopes of CO_2 . 2.) A Thermo Delta V+ w/ dual inlet and Kiel IV, and Gasbench II continuous flow operating modes to analyze carbonate samples and water samples; 3.) A Thermo Delta V+ w/ Conflo IV, Trace GC and Isolink, TC/EA, Costech EA w/autosampler and configured for the stable isotopic ($\delta^{18}\text{O}$, $\delta^{13}\text{C}$, $\delta^{15}\text{N}$, δD) analysis of bulk and compound-specific organics and tree ring samples; 4.) A Picarro L1102-ia wavelength-scanned cavity ring-down spectrometer for the analysis of water samples and field deployment; 5.) two VG Optima SIRMS, each with dual inlet and multiprep and one with CNS analyzer. The instruments are housed in a newly-renovated, state-of-the-art, 1,500 sf laboratory.

The successful candidate will have a BS in science plus 4 years of related experience maintaining some or all of the instruments listed above, or an MS plus 2 years of related experience maintaining some or all of the instruments listed above. Experience in SIRMS instrumentation, methods, and maintenance preferred. Excellent interpersonal and organizational skills are required to work with diverse researchers and to train students and Postdocs in analytical and instrumental methods. Some knowledge of electronics troubleshooting also preferred. Position is full time. There is an additional part-time technician for support and maintenance.

The Lamont Doherty Earth Observatory is located in Palisades NY, a ~30 minute drive north of New York City. There are excellent schools and affordable housing in the area.

Salary will be commensurate with skills and experience. Columbia University benefits afforded with this Officer of Research position.

Search will stay open for 30 days after the ad appears and will continue until the job is filled. Please visit our online application site at <https://academicjobs.columbia.edu/applicants/Central?quickFind=57477> for further information about this position and to submit your application. Applicants should submit a resume and the names and email addresses of two references.

Applicants can contact Dr. Braddock Linsley for more information at blinsley@ldeo.columbia.edu.

Columbia University is an Equal Employment Opportunity/Affirmative Action employer.

We only accept online applications.