March 13, 2019

Vacancy Announcement

Carnegie Institution for Science—Postdoctoral Fellow in Geochemistry and Data Science

The Geophysical Laboratory seeks a highly-qualified applicant for a Postdoctoral Fellow position with expertise in geochemistry and data science. The successful candidate should have deep knowledge of geochemistry and petrology, particularly in the context of deep-time data-driven discovery (see http://dtdi.carnegiescience.edu), as well as proficiency in numerical modeling, high-performance computing, geospatial analysis, and machine learning. The successful candidate will work in close collaboration with members of the international 4D Initiative team (see http://4d-workshop.net), including Robert Hazen and Shaunna Morrison at Carnegie, as well as the emerging Deep-Time Digital Earth (DDE) project being developed in China (see *Science*, v.363, p.917).

Minimum qualifications: The applicant must have a PhD in Geoscience and must be proficient in methods of data-driven discovery. Familiarity with database development, management, and use; programming, including knowledge of python and R coding; experience with machine-learning applications to geoscience problems; and the interest and ability to work knowledgeably with data scientists and applied mathematics colleagues, are essential.

Desired qualification: Proficiency in written and spoken Chinese is desirable, though not mandatory.

This full-time, 2-year position will commence on or after May 1, 2019, and will be based at the Geophysical Laboratory at the Carnegie Institution's Broad Branch Road campus in Washington, DC. Interested applicants should submit a CV, contact information for three references, and a cover letting stating your interest in the position by April 8, 2019. Finalists will be notified by April 15, 2019.

To submit an application, click here. Only complete applications submitted via the Carnegie website will be considered.

The Carnegie Institution of Washington is an equal opportunity employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of gender, race/ethnicity, protected veteran status, disability, or other protected group status.