

**Research Specialist/Laboratory Manager**  
***Stable Isotope Laboratory for Earth and Environmental Science Research***  
**Department of Geology & Planetary Science, University of Pittsburgh**

We invite applications for a full-time Research Specialist/Laboratory Manager position for the *Stable Isotope Laboratory for Earth and Environmental Science Research* at the University of Pittsburgh. This facility currently houses two IsoPrime mass spectrometers (one dedicated continuous flow and one dedicated dual inlet instrument) and associated peripheral devices (Trace Gas, EuroVector TC/EA, Multi-Prep, and Gilson autosamplers). The laboratory facility supports the research of multiple faculty in the Department of Geology & Planetary Science. Primary research objectives include: 1) the application of innovative stable isotope tracers (N, O, C, S) of hydrological, atmospheric, and biological interactions, and 2) utilization of carbonate and organic matter stable isotope proxies in high-resolution Holocene climate reconstructions and investigations of the role of environmental change in cultural development and human-environment interactions. Responsibilities will include, but are not limited to: 1) the operation, maintenance, and repair of instrumentation; 2) the training and supervision of students, laboratory assistants, and other users; 3) data reduction, maintenance of laboratory quality control and sample tracking databases; and 4) oversight and assistance with sample preparation. Additionally, preference will be given to candidates with experience conducting nitrate isotope analyses using the “microbial denitrifier method” and experience with or interest in developing mass-independent nitrate isotope capabilities. Salary will be commensurate with experience.

The successful candidate will have, at a minimum, a B.S. degree in geosciences or a related field, and 3 years experience with light stable isotope ratio mass spectrometers and peripherals. Candidates with a graduate degree in a relevant discipline and at least 3 years experience with multiple preparation devices will be given preference. Successful candidates will be highly motivated, attentive to detail, and possess excellent organizational skills. The position is available immediately and will remain open until a suitable candidate is identified.

It should be noted that Pittsburgh was recently named “American’s Most Livable City” by the *Places Rated Almanac*, boasts a low cost of living, a stunning cityscape, and is home to a number of world-class museums and a thriving arts scene. The city is also located within a short drive of the rolling hills and forests of the Laurel Highlands and Allegheny Mountains.

To formally apply to position number 0127251, go to [www.pitt.edu](http://www.pitt.edu) and click the “employment” link in the left column.

In addition, the names and contact information for three references should be sent by email to Lorrie Robbins, Department Manager, at [lar45@pitt.edu](mailto:lar45@pitt.edu). Interested candidates should contact Dr. Emily Elliott ([eelliott@pitt.edu](mailto:eelliott@pitt.edu)) for further information.

*The University of Pittsburgh is an affirmative action/equal opportunity employer committed to excellence through diversity and encourages applications from minorities, women, veterans and persons with disabilities.*