

Laboratory Manager, Luminescence

Reno, NV Campus

Division of Earth and Ecosystem Sciences

The Desert Research Institute Luminescence Laboratory is seeking a full-time NSF funded Laboratory Manager. This is a 1.00 FTE (full time) professional faculty position that is located at DRI's Northern Nevada Science Center in Reno, Nevada.

The appointee will oversee the daily operations and activities of hourly and part time staff, oversee preparation of luminescence samples, conduct luminescence analysis, maintain inventory, train students, post-docs, and visiting scientists, oversee preparation of dose rate samples, oversee and conduct analysis of dose rate samples, contribute to development and administration of training materials for students and visitors, maintain and oversee QAQC and daily documentation, contribute to reporting results and preparation of manuscripts, and contribute to proposal development for new projects. The appointee will work on a variety of current ongoing projects and will contribute to the development of new projects.

Organization Summary

The Division of Earth and Ecosystem Sciences (DEES) is one of three scientific research divisions within DRI. Since its inception in 1999, the Division has grown steadily and built a strong program of research, development and education in the earth and ecosystem sciences. The DEES research program reflects the interplay between local, regional, national and international environmental issues, the expertise of our faculty, and the availability of research funding.

The mission of the DEES is to conduct high-quality basic and applied research, particularly focusing on the complex interactions of geological processes, organisms, biological communities and human societies that inhabit the earth's surface. We strive to be responsive to the scientific community through publications and service, to educate the next generation of scientists, and to help inform the general public on issues of vital environmental concern. We address our mission through multidisciplinary research and education with faculty having highly diverse skill sets supported by graduate research assistant, and technicians. The Division has approximately 80 on going research projects with an annual budget close to \$12 million, primarily derived from external research sponsors.

Required Qualifications:

- Master's Degree in Geosciences, Physics, Chemistry, or related field from an accredited institution.
- Minimum of 2 years of experience in laboratory operations and analysis.
- Experience with and knowledge of chemical reagents, including safe handling and disposal procedures.
- Experience with the operation of basic laboratory instrumentation (analytical balances, centrifuges, ultrasonic cleaners, etc.)
- Excellent communication skills with clear written and spoken English.
- Ability and willingness to work in a dark room with very little lighting.
- Ability to work independently to fulfill project goals and meet project deadlines and to work collaboratively with scientists and researchers.
- Ability to maintain detailed laboratory notes.
- Ability to coordinate the activities of others.
- Ability and desire to direct, train, and mentor students, visiting scientists, and other workers in laboratory preparation and analysis.
- Experience with luminescence preparation and analysis.

Preferred Qualifications:

- PhD in Geosciences, Physics, Chemistry, or related field from an accredited institution.
- 3 years of experience in sample preparation and analysis for luminescence dating.
- Demonstrated ability to perform independent research and publish results in peer-reviewed literature.

Conditions of Employment

The position requires the occasional long hours in the laboratory with very little lighting and in front of the computer.

Compensation & Benefits:

Salaries are competitive and commensurate with qualifications. This position is eligible for DRI's benefits package and relocation assistance. See this link for a benefits overview: http://www.dri.edu/images/stories/Faculty_Benefits_Summary_FY18.pdf

Visit us at <http://jobs.dri.edu/postings/288> for complete details and to apply. To ensure full consideration, your application package should be received by October 20, 2017.