

Assistant Professor Geologist

DEPARTMENT: Montana Bureau of Mines and Geology
Closing Date: Applications received by December 15, 2015 will be given priority,
but will be accepted until the position is filled

Employment Detail: Permanent, Full-Time

DUTIES:

The Montana Bureau of Mines and Geology (MBMG) seeks a geologist with expertise in Quaternary geology, neotectonics, and geomorphology. Primary responsibilities are geologic mapping in collaboration with other geologists, interpretation of geologic data, and the timely publication of results. The geologist will participate in applied geology projects conducted by the MBMG across Montana, which means working alone or as part of a team to focus on hydrogeology, economic geology, geologic hazards, or other topics. The successful candidate will write proposals, develop projects, publish research results, and present findings at scientific meetings. The position is based in Butte, Montana. The position is fully funded for the first year, but in succeeding years will likely be partially supported by grants.

REQUIRED QUALIFICATIONS:

- Master's degree in geology or a closely related field and three years of relevant experience, OR a Doctoral degree in geology. Degree and experience must be in a field appropriate to the position.
- Successful completion of courses fundamental to geologic mapping (e.g. field methods, geomorphology, tectonics, stratigraphy, and structural geology).

REQUIRED SKILLS:

- Experience collecting and interpreting data to construct geologic maps; evaluate geology; and analyze geologic structure and geomorphology.
- Working knowledge of field instrumentation and procedures related to mapping large areas of complex geologic terrain.
- Excellent written, verbal, and computer skills as demonstrated by some combination of papers, reports, maps, publications, and/or abstracts of presentations.
- Demonstrated ability to work well with the public.
- The physical ability to conduct fieldwork on foot for extended periods in difficult terrain and under rigorous conditions with extensive overnight travel.
- The physically and mental ability to safely work alone in isolated areas.

PREFERRED QUALIFICATIONS:

- Expertise in Quaternary Geology and/or Geomorphology, ideally with an emphasis on neotectonics.
- Extensive knowledge of Cordilleran geology and tectonics.
- Knowledge of Montana geology.
- Experience with GIS or other mapping software to develop maps.
- Familiarity with remote sensing techniques and ENVI software.
- Experience with surface exposure dating (e.g. cosmogenic radionuclide dating).
- Experience assessing seismic or other geologic hazards.
- Success at writing grants and obtaining external funding.

To apply, please submit the following items:

- Cover letter which specifically addresses the above-mentioned qualifications
- Resume'
- Transcripts
- Name and contact information for 3 professional references
- Authorization for Criminal Background Investigation

The items listed above should be sent to:

Montana Tech Personnel Office
1300 West Park Street
Butte, MT 59701
Phone: 406-496-4380
Fax: 406-496-4387
e-mail: cisakson@mtech.edu

Any offer of employment is contingent upon a satisfactory criminal background check. An authorization for a criminal background check form must be submitted with application material
www.mtech.edu/employment

As an Equal Employment Opportunity/Affirmative Action Employer, We Encourage Applications from Vietnam Era Veterans, Disabled Individuals, Minorities, and Women.