BPPF Assistant or Associate Professor, Geologist

DEPARTMENT: Montana Bureau of Mines and Geology
Closing Date: Review will begin March 23, 2020 and continue until position is filled
Employment Detail: Permanent, Full-Time

DUTIES:
The Montana Bureau of Mines and Geology (MBMG) seeks a broadly-trained mapping geologist with expertise in Quaternary geology, neotectonics, or geologic hazards. Geologists with the desire and ability to conduct field-based surficial geologic mapping and with an interest in geologic hazard investigations within a seismically active region are encouraged to apply. Depending on qualifications, the individual will be hired as either an Assistant or Associate Geologist. Primary duties will be geologic mapping in collaboration with other geologists, interpretation of geologic data, and the timely publication of results. The successful candidate will also participate in applied geology projects conducted by the MBMG, working alone or as part of a team, to investigate geologic hazards, hydrogeology, or other related topics. Additional duties will include writing proposals, helping develop a geologic hazards program, and presenting research results at scientific meetings. Applicant must be able to work independently, often in remote areas, walk long distances over rough terrain, and carry loads up to 50 lbs. The position is based in Butte, Montana.

REQUIRED QUALIFICATIONS:
- Master’s degree in the Earth Sciences or closely related field and a minimum of three (3) years of relevant experience, OR a Doctoral degree in Earth Sciences or closely related field for BPPF Assistant Professor.
- Master’s degree in the Earth Sciences or closely related field and a minimum of eight (8) years of relevant experience, OR a Doctoral degree in Earth Sciences or closely related field and five (5) years of relevant experience for a BPPF Associate Professor.
- Demonstrated geologic mapping experience.

REQUIRED SKILLS:
- Working knowledge of field instrumentation and procedures related to mapping large areas of complex geologic terrain.
- Excellent written and verbal skills as demonstrated by some combination of papers, reports, maps, publications, and/or abstracts of presentations.
- Experience using GIS and familiarity with creation and management of GIS databases.

PREFERRED QUALIFICATIONS:
- Expertise in Quaternary Geology, with an emphasis on neotectonics.
- Experience mapping glaciated terrains.
- Experience mapping landslides.
- Experience assessing seismic or other geologic hazards.
- Experience with surface exposure dating (e.g., cosmogenic radionuclide dating, OSL dating).
- Experience with paleoseismic investigations.
- Familiarity with remote sensing techniques (e.g., LiDAR, InSAR).
- Knowledge of Montana, Basin and Range, or Cordilleran geology and tectonics.
- Experience working with the public.
- Demonstrated success at writing grant proposals and obtaining external funding.

To apply, https://montanatechuniversity.applytojob.com/apply

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

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