

Instrumentation Manager

DEPARTMENT: College of Letters, Sciences, and Professional Studies

Employment Detail: Permanent, Part-Time

Applications received by April 3, 2017 will be guaranteed full review and consideration. Applications received after that date may be considered until an adequate applicant pool has been established.

DUTIES:

This is a ¾ time position that will maintain and troubleshoot instrumentation primarily housed within the Chemistry / Biology building (CBB) and the campus analytical laboratory housed therein that primarily support instruction and research of faculty and students in chemistry and biology. This position will establish procedures and protocols for using instruments, training faculty and students on using these instruments, scheduling and overseeing instrument use, and generally assisting faculty and students in getting the most out of these instruments. The instruments include, but are not limited to, a Liquid Chromatograph Mass Spectrometer (LC-MS), a Gas Chromatograph Mass Spectrometer (GC-MS), an Ion Chromatograph (IC), an Atomic Absorption Spectrometer (AAS), a Ultraviolet Visible Absorption Spectrometer (UV-VIS), a Polarimeter, a Potentiostat/Galvanostat, a Fluorescence Spectrometer, a Fourier Transform Infrared Spectrometer (FT-IR), gradient temperature thermocycler (PCR) machines for amplification of DNA or RNA, and a variety of centrifuges. Writing grants in support of the acquisition, maintenance, and use of these instruments is also expected. The position requires working closely with student and faculty researchers.

REQUIRED QUALIFICATIONS:

- Bachelor of Science Degree in Chemistry, Biology, or a closely related field.

REQUIRED SKILLS:

- Demonstrated experience maintaining, operating, and performing QC/QA on similar instruments.
- Excellent written and oral communication skills in English.

PREFERRED QUALIFICATIONS:

- MS or PhD in Analytical Chemistry, Geochemistry or closely related field.
- Experience writing both articles and grants.

To apply, please submit the following items:

1) Letter of application, 2) Resume', 3) Name and contact information for 3 professional references

The items listed above should be sent or e-mailed to:

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

Any offer of employment is contingent upon a satisfactory criminal background check.

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