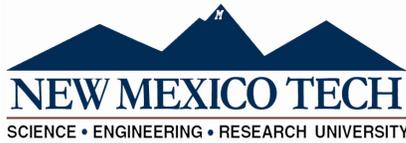


Posted: May 16, 2025



POSITION ANNOUNCEMENT

TITLE: RESEARCH ANALYST I/SEISMOLOGY

DEPT: BUREAU OF GEOLOGY

REG

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE \$ 48,672 - \$61,570

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

All regular positions also entitle the employee to several benefits including health, dental, vision, life insurance, and retirement which is largely paid by New Mexico Tech for the employee and dependents.

INTERNAL POSTING THROUGH: 05/28/2025

CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

JOB SUMMARY:

The analyst will use SeisComp and machine learning tool to locate earthquakes in New Mexico on a daily basis. The analyst will also help carry out field work related to seismic monitoring in New Mexico and help in maintaining the seismic data acquisition systems at NMT. Initial appointment will be for one year.

JOB FUNCTIONS:

Daily earthquake locations. NMTSO seismic network fieldwork. Assist in preparing technical reports and publications.

REQUIRED QUALIFICATIONS:

Bachelor's degree in Geoscience or Geophysics. Knowledge of Linux/Unix. Programming: Python, Linux shell scripting.

DESIRED QUALIFICATIONS:

Master's degree in Geophysics or Seismology. Experience with seismic equipment and fieldwork. Familiarity with seismology programs: SAC, GMT, Seiscomp, Earthworm. Principles of earthquake seismology.

LIFTING REQUIREMENTS:

(f)requently, (o)ccasionally, or (s)eldom

0 - 15 pounds	F
15 - 30 pounds	O
30 - 50 pounds	O
50 - 100 pounds	S
100 + pounds	S

PHYSICAL DEMANDS:

Standing 15%	Sitting 70%	Walking 10%	Pulling
Pushing	Lifting 5%	Stooping	Kneeling
Crawling	Climbing	Reaching %	Other

Apply to: nmtjobapps@npe.nmt.edu