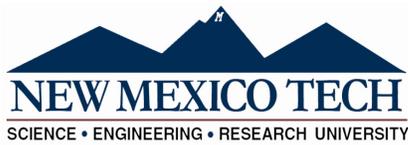


Posted: May 16, 2025



POSITION ANNOUNCEMENT

TITLE: RESEARCH SCIENTIST I/SEISMOLOGY

DEPT: BUREAU OF GEOLOGY

REG

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE \$ 60,320 – 76,305

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 Scientist or postdoctoral fellow will conduct research on natural and induced seismicity presently occurring in New Mexico. Research topics will include using machine learning techniques for earthquake detection and location, associating seismicity with fracking and wastewater injection data, earthquake magnitude studies and other topics depending on researcher interest. Initial appointment will be for one year.

JOB FUNCTIONS:

Research on NM seismicity. NMTSO seismic network fieldwork. Prepare technical reports and publications

REQUIRED QUALIFICATIONS:

Ph.D. or other doctorate level equivalent in Machine learning in seismology, Earthquake studies. Knowledge of Python or other relevant programming language.

DESIRED QUALIFICATIONS:

Previous research experience using machine learning methods in a seismological context. Previous research experience in induced seismicity.

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 10%	Sitting 80%	Walking 15%	Pulling
Pushing	Lifting 5%	Stooping	Kneeling
Crawling	Climbing	Reaching %	Other

Apply to: nmtjobapps@npe.nmt.edu