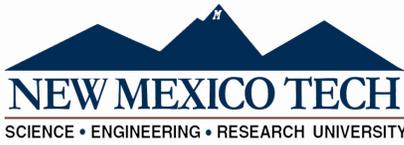


Posted: March 24, 2026



## POSITION ANNOUNCEMENT

**TITLE: POSTDOCTORAL FELLOW-SEISMOLOGY      DEPT: BUREAU OF GEOLOGY**

**REG       TEMP       FULL TIME       PART TIME**

**STARTING RATE or SALARY RANGE \$58,000 - \$64,000**

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: 04/02/2026\*** 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 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, with subsequent renewal, contingent upon satisfactory performance, the needs of the university, and the availability of resources.

### 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 Geophysics, Seismology. Knowledge of Python or other relevant programming language

### DESIRED QUALIFICATIONS:

Previous research experience in machine learning methods, seismic tomography, earthquake magnitude studies. Previous research experience in induced seismicity, seismic data processing.

### 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 10%	Pulling
Pushing	Lifting	Stooping	Kneeling
Crawling	Climbing	Reaching	Other

Apply to: [nmjobapps@npe.nmt.edu](mailto:nmjobapps@npe.nmt.edu)