

Posted: May 12, 2022



## POSITION ANNOUNCEMENT

**TITLE:** POSTDOCTORAL FELLOW IN SEISMOLOGY

**DEPT:** BUREAU OF GEOLOGY

REG

TEMP

FULL TIME

PART TIME

**STARTING RATE or SALARY RANGE** \$55,000

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:** Concurrent\* 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 DUTIES:

The postdoctoral fellow will conduct research on induced seismicity presently occurring in southeastern New Mexico. Research topics will include using machine learning techniques to augment the catalog of seismicity in the region, associating seismicity with fracking and wastewater injection data, and other topics depending on researcher interest. Initial appointment will be for one year.

### REQUIRED QUALIFICATIONS:

Ph.D. or other doctorate level equivalent. - Area of study: Geophysics or related field. Research experience in seismology required. Knowledge of Python or other relevant programming language required. Machine learning methods desired. Research experience in induced seismicity desired.

Apply to: [nmtjobapps@npe.nmt.edu](mailto:nmtjobapps@npe.nmt.edu) OR NMT/ HR 801 Leroy Place West Hall Box 075, Socorro, NM 87801