

**Posted:** April 8, 2021



## POSITION ANNOUNCEMENT

**TITLE:** POST-DOCTORAL RESEARCH SCIENTIST

**DEPT:** PRRC

**REG**

**TEMP**

**FULL TIME**

**PART TIME**

**STARTING RATE or SALARY RANGE** \$45,000-\$50,000

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:** April 16, 2021\* 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:

NMT/PRRC is seeking candidates for challenging position as primary geophysics and geomodelling resource in PRRC's applied energy and environment technology development team. Projects involve collaboration with national laboratories and university applied research organizations on development and application of advanced subsurface characterization processes and project optimization tools with focus on geologic carbon sequestration. The position entails providing geophysical subsurface modeling support including 3D seismic interpretation, seismic inversion, geostatistics, rock physics, geomechanics, and microseismic analysis for ongoing projects. Proficiency in PETREL geoscience software including OCEAN API programming is required although successful candidates with lower skill levels will be considered and training will be provided. The successful candidate will also be expected to contribute to preparation of solicited project proposals and development of unsolicited proposals.

### REQUIRED QUALIFICATIONS:

Ph.D. or other doctorate level equivalent. - Area of study: Geophysics. PETREL Advanced geoscience packages required. Integrated/applied technology project teamwork required. Seismic inversion /Seismic interpretation/ Geostatistics required. Geomechanics/ Microseismics/ Visage desired. Matlab / Python required.