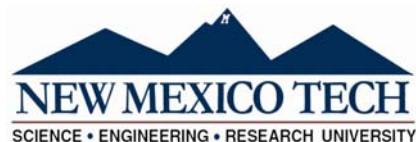


**Posted:** November 25, 2020



## POSITION ANNOUNCEMENT

**TITLE:** POSTDOCTORAL FELLOW IN EXPERIMENTAL GEOCHEMISTRY

**DEPT:** EARTH & ENVIRONMENTAL/ NMBGMR

**REG**

**TEMP**

**FULL TIME**

**PART TIME**

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

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:** December 7, 2020\* 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:

Hydrothermal laboratory experiments using potentiometric, solution calorimetry, and UV-vis experiments to determine the specification of REE. Design and testing of new laboratory experiments, training students in the laboratory. Analysis of experimental solutions using ICP-Ms and minerals using XRD and SEM. Thermodynamic database development. Writing and publication of research in peer-reviewed journals, and preparations at conferences.

### REQUIRED QUALIFICATIONS:

Ph.D. or other doctorate level equivalent required- area of study Geochemistry/ Chemistry/ Geosciences. Laboratory hydrothermal or calorimetric experiments required. ICP-MS solution preparation, dilutions, standardization, and analysis required. SEM/ XRD for mineral analysis required. Thermodynamics of aqueous fluids required. Training student's desired.

Apply to: [nmtjobapps@npe.nmt.edu](mailto:nmtjobapps@npe.nmt.edu) OR NMT/ HR 801 Leroy Place Brown Hall Box 118, Socorro, NM 87801