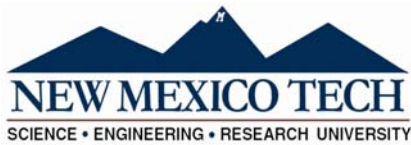


**Posted:** December 20, 2021



## POSITION ANNOUNCEMENT

**TITLE:** POSTDOCTORAL FELLOW      **DEPT:** EARTH & ENVIRONMENTAL SCIENCE

**REG**       **TEMP**       **FULL TIME**       **PART TIME**

\*Limited Term

**STARTING RATE or SALARY RANGE** \$54,000

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:

This position will involve developing 3D simulations of continental extension and breakup to elucidate the dynamics of the Brazilian rifted margin information. These activities will require use and development of the open-source mantle convection and lithospheric code ASPECT, and integration of geologic data sets into model design. The position will require writing and publication of the project results in peer-reviewed journals, as well as summary reports to funding bodies.

### REQUIRED QUALIFICATIONS:

Ph.D. in Geophysics required. Modeling of Lithospheric Dynamic with ASPECT required. Modification of the geodynamics software package ASPECT required. Integration of Geologic Data Sets into Lithospheric Dynamics Model Design required. Training students required.

Apply to: [nmtjobapps@npe.nmt.edu](mailto:nmtjobapps@npe.nmt.edu) OR NMT/ HR 801 Leroy Place Brown Hall Box 248, Socorro, NM 87801