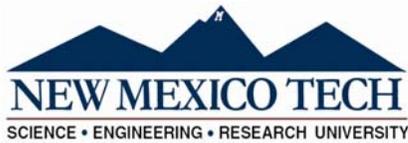


Posted: July 20, 2021



POSITION ANNOUNCEMENT

TITLE: STAFF SCIENTIST/ POLAR FIELD ENGINEER

DEPT: IRIS/ PASSCAL

REG

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE \$50,960-\$63,700

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: July 28, 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:

The primary responsibility of this position is to support Polar geophysical research from the lab, office, and field. Duties include: developing specialized equipment for cold, dark environments; testing, preparing, and shipping equipment; serving as a technical liaison for PI experiments; supporting the installation, maintenance, and decommission of stations in the Arctic and Antarctic; producing and maintaining documentation related to Polar support and systems; and training members of PASSCAL's user community.

REQUIRED QUALIFICATIONS:

Associate's degree or completion of program of 18+ months after high school. Area of study _Electronics, technology, or related sciences plus 3 years of directly related experience. Bachelor's degree - Area of study: Geophysics or related science, or engineering (Mechanical, Structural, Electrical or similar core engineering) required. Seismological or other science field experience desired. Electrical, mechanical or structural engineering design experience desired. Data telemetry and network design & support experience desired. Data analysis experience desired. Scripting and programming experience desired. Portable DC power systems and power budget calculations desired. Data acquisition systems for rugged field environments desired. Demonstrated written and verbal communication skills desired.