Staff Scientist/Polar Projects Engineer

Staff Scientist/Polar Projects Field Engineer

Job Duties:

The IRIS PASSCAL Instrument Center at New Mexico Tech is seeking applicants to fill the position of Staff Scientist/Polar Projects Field Engineer. 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). 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.

Submission Procedure:

Applicants should submit a resume, official college transcripts, a letter of professional interests, and the names and addresses, email addresses, and phone numbers of three references to: New Mexico Tech, Human Resources, 801 Leroy Place, Socorro, New Mexico 87801.

or email application and include job title as subject line to:

nmjobapps [at] npe [dot] nmt [dot] edu

New Mexico Tech is an equal opportunity/affirmative action employer.
The position will be open until filled.

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