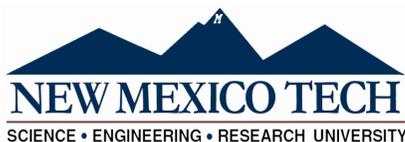


Posted: July 8, 2022



POSITION ANNOUNCEMENT

TITLE: SCIENTIFIC ILLUSTRATOR

DEPT: BUREAU OF GEOLOGY

REG

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE \$40,000 – \$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: 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:

The Scientific Illustrator produces digital geologic maps, cartographic illustrations, scientific figures, and graphics to the highest level of Bureau standards for use in internal and public-facing New Mexico Bureau of Geology and Mineral Resources publications.

This is achieved through the creation and refinement of scientific graphics in collaboration with Bureau scientists, staff, and external contributors. The variety of graphics include full-color maps, 3D illustrations, charts, pipers, cross sections, stratigraphic columns, block diagrams, and tables primarily utilizing ArcGIS and Adobe Illustrator. Additional graphics are produced for slides, posters, displays, and presentations to support Bureau research, promotional, and administrative initiatives.

The prospective candidate must have a content-integrity mindset, a command of the end-to-end process of producing maps and graphics, a thorough understanding of how graphics work with content, strong asset management skills, confidence in cultivating positive working relationships with diverse research and production teams, and an arsenal of top-notch project management, time management and organizational skills.

To flourish in this position, the Scientific Illustrator must be able to translate complex scientific data into clear and precise visuals for use in digital and print formats, command exceptional proficiency of Adobe Creative Suite programs along with the interest and ability to learn other industry-appropriate software programs, value superior attention to detail, and possess sharp design instincts to ensure the accuracy, consistency, readability, and accessibility of scientific graphics across all of the Bureau's electronic and print publication formats. A self-motivated, curious, and collaborative individual will be a good fit for this team.

We recognize that no single candidate will possess all the desired qualifications. We're looking for someone with an eagerness and ability to jump right in, build on their existing skill sets, and contribute to the success of this integral Bureau program. Training will be provided where expertise gaps exist; applicants with deeper experience are strongly encouraged to apply.

REQUIRED QUALIFICATIONS:

Bachelor's degree - Area of study: scientific or technical illustration, graphic art, additional geography and/or earth science course work preferred. Proficiency in Adobe Creative Cloud (Illustrator, Photoshop, InDesign, Acrobat Pro) required. ArcGIS and other mapping software programs desired. Familiarity with cartographic standards, technical style guides, and the ability to quickly learn and apply Bureau, GSA and USGS styles required. Solid computer and software skills, fluency with graphic file formats and conversion from program to program and across platforms, and familiarity with printers and scanners required. Strong project management, Google Suite, and Microsoft Office Suite expertise required. Knowledge of design and layout best practices required. Two to five years' scientific/technical illustration experience, preferably in the academic and/or non-profit sectors, is desired. Please include a portfolio of work samples (progress of revisions/refinements appreciated) demonstrating knowledge of illustration/graphics skills, along with your cover letter and resume, in your application package. NM State Driver's License required.

Apply to: nmtjobapps@npe.nmt.edu OR NMT/ HR 801 Leroy Place Box 110, Socorro, NM 87801