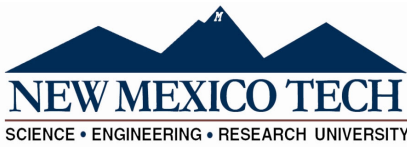


Posted: July 25, 2023



POSITION ANNOUNCEMENT

TITLE: POST-DOCTORAL RESEACHER (4)

DEPT: PRRC

REG

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE \$50,000-\$51,000

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 SUMMARY:

This position will be in the Reservoir Evaluation and Advanced Computational Technologies (REACT) section of the PRRC. As a member of this section, the candidate will be part of a an integrated team of geoscientists and engineers working on applied research projects in hydrocarbon resources development, geologic carbon sequestration, and water resources management. This will be multiple positions with expertise in machine learning based numerical simulation and optimization; life cycle assessment; laboratory experiments for hydrogen storage and basalt storage; computational geoscience, structural geologist, Petrophysics and wellbore geomechanics in support of our various carbon storage projects.

JOB FUNCTIONS:

Machine learning based numerical simulation and optimization; Computational geoscience, structural geologist, petrophysics and wellbore geomechanics. Laboratory experiments for hydrogen storage and/or basalt storage; Life cycle assessment and modeling. 100%

REQUIRED QUALIFICATIONS:

Ph.D. or other doctorate level equivalent, Petroleum Engineering/ Geology/ Geophysics. Knowledge in Machine learning for modeling related activities/MATLAB/Python/Petrel/CMG. Flow through experiments related to hydrogen and basalt related research. Structural geology with either geomechanics and/or formation evaluation expertise/Petrel/Techlog. Knowledge in life cycle assessment.

LIFTING REQUIREMENTS:

(f)requently, (o)ccasionally, or (s)eldom

0 - 15 pounds	F
15 - 30 pounds	F
30 - 50 pounds	O
50 - 100 pounds	S
100 + pounds	

PHYSICAL DEMANDS:

Standing 10%	Sitting 40%	Walking 15%	Pulling 5%
Pushing 5%	Lifting 10%	Stooping 10%	Kneeling 5%
Crawling	Climbing	Reaching	Other

Apply to: nmtjobapps@npe.nmt.edu