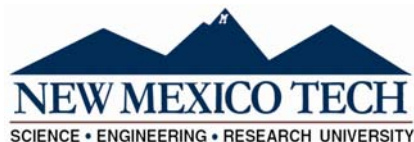


**Posted:** January 30, 2020



## POSITION ANNOUNCEMENT

**TITLE:** POSTDOCTORAL RESEARCH ENGINEER/ SCIENTIST

**DEPT:** PRRC

**REG**

**TEMP**

**FULL TIME**

**PART TIME**

**STARTING RATE or SALARY RANGE:** Negotiable

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

**INTERNAL POSTING THROUGH:** February 7, 2020\* 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 successful candidate will lead research on funded projects, assist and/or take lead with proposal writing activities, prepare and submit journal manuscripts and conference presentations, and expected to mentor students. This position will be in the Gas Flooding Process and Flow Heterogeneities Section. As a member of this section they will perform research related to phase behavior or pressurized geologic formation fluids, their fluid properties and flow behavior of high-pressure, high- temperature liquids and gases and gas flooding processes in porous media. The goal is to understand gas injection mechanisms for enhanced oil recovery and carbon storage, reservoir fluid phase behavior, and flow behavior of multi-phase reservoir fluids.

### REQUIRED QUALIFICATIONS:

Ph.D. or other doctorate level equivalent required area of study Petroleum or related field. High pressure/ temperature experimental static and flow in porous media tests required. Equation of State and related modeling required. Understanding of Carbon Dioxide Properties and Phase Behavior required. Enhanced Oil Recovery and/or Carbon Stage desired. Understanding of multi-contact miscibility, relative permeability and reservoir modeling desired.