JOB DESCRIPTION

Staff Geologist - Mississippi Mineral Resources Institute

**Definition of Class**
This is a supervisory position in which the incumbent performs geological functions associated with field and laboratory activities of the Mississippi Mineral Resources Institute. Supervision is exercised over undergraduate and graduate students working as research assistants.

**Examples of Work Performed**
Conducts field studies and comprehensive investigations of the physical and economic aspects of various minerals studied by the Institute.

Collects geological samples and specimen from appropriate on-shore test sites, prepares maps of assigned areas indicating geologic formations, test sites, and other applicable data.

Conducts physical investigations utilizing standard optical methods, x-ray, chemical analytical techniques, and other approved methods.

Determines economic value based upon grade and amount of material present; prepares and transports samples in accordance with accepted standards to ensure validity of analysis.

Prepares technical and scientific reports and analyses of work performed or other subjects as assigned.

Maintains liaison with State agencies.

Conducts research for funding availability.

Reviews well logs and related data in the investigation of oil, gas, or other minerals and develops appropriate conclusions for evidence available.

Interprets surficial and subsurface geologic data including that collected by high-resolution seismic records.

Performs similar or related duties as assigned or required.

**Essential Functions**
These essential functions include, but are not limited to, the following. Additional essential functions may be identified and included by the hiring Department.

1. Provides geological support to project/unit by conducting field studies, investigations, collecting samples, and determining economic value.

2. Supervises graduate students.

3. Interfaces with governmental agency and other staff members.

4. Prepares technical and scientific reports and analyses of work performed.
Minimum Qualifications
These minimum qualifications have been agreed upon by Subject Matter Experts (SMEs) in this job class and are based upon a job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of the position. Any request to substitute related education or experience for minimum qualifications must be addressed to The University of Mississippi's Department of Human Resources in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

Physical Requirements: These physical requirements are not exhaustive, and additional job related physical requirements may be added to these by individual agencies on an as needed basis. Corrective devices may be used to meet physical requirements.

   Physical Exertion: The incumbent may be required to lift up to approximately 50 pounds.

   Vision: Requirements of this job include close vision and color vision.

   Speaking/Hearing: Ability to give and receive information through speaking and listening.

   Motor Coordination: While performing the duties of this job, the incumbent is periodically required to sit; stand; walk; and talk and hear. The incumbent is occasionally required to run; climb or balance; lift or carry; reach with hands and arms; and stoop, kneel, crouch or bend.

Experience/Educational Requirements:

   Education: Master’s Degree from a college or university in Geology or related field.

   AND

   Experience: Two (2) years of experience related to the above described duties.

   Substitution Statement: Related experience may be substituted for education, on a basis set forth and approved by the Department of Human Resources.

Interview Requirements
Any candidate who is called for an interview must notify the Department of Human Resources in writing of any reasonable accommodation needed prior to the date of the interview.

Rev. 04/01/2015

The University of Mississippi is an EO/AA/Minorities/Females/Vet/Disability/Sexual Orientation/Gender Identity/Title VI/Title VII/Title IX/504/ADA/ADEA employer. The University complies with all applicable laws regarding equal opportunity and affirmative action and does not unlawfully discriminate against any employee or applicant for employment based upon race, color, gender, sex, sexual orientation, gender identity or expression, religion, national origin, age, disability, veteran status, or genetic information. The University of Mississippi is an “at will” employer. This job description does not constitute an employment contract or negate “at will” employment.