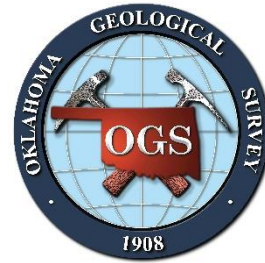


# Oklahoma Geological Survey

## Research Geologist II: Organic Petrology, Coal, Petroleum Geology



### **GENERAL DESCRIPTION:**

The Oklahoma Geological Survey is seeking a geologist with a background in organic petrology, coal geology, and/or petroleum geology. The successful candidate will have the opportunity to contribute to a state agency whose charge is to investigate and promote the wise use of Oklahoma's land, water, mineral, and energy resources. The successful candidate will work individually and with others to characterize and understand the origin and evolution of coals, hydrocarbon source rocks, and solid hydrocarbon resources (e.g., asphaltites) in Oklahoma.

### **RESPONSIBILITIES:**

- Conduct investigations of coals, hydrocarbon source rocks, and solid hydrocarbon resources in Oklahoma
- Publish and present results of scientific investigations
- Serve the general public, particularly by providing information and technical assistance to operators, consultants, and the public on a regular basis
- Participate in and lead geologic field trips
- Maintain databases and bibliographies of coal, gas shales, source rocks, and basins in Oklahoma

### **KNOWLEDGE & SKILLS:**

- Excellent oral and written communication skills
- Excellent organizational and interpersonal skills
- Knowledge of Oklahoma coal and petroleum geology
- Skilled in use of geology-related software and programs (ArcGIS; Petra/Geographix; Microsoft Access and Excel)

### **MINIMUM QUALIFICATIONS:**

#### ***Education:***

Minimum of a Bachelor's degree in Geology or GeoScience related field.

#### ***Experience:***

Demonstrated at least 2 years' experience in Geology.

### **PHYSICAL WORKING CONDITIONS:**

#### ***Travel:***

Field investigations, meetings, and workshops may require in-state or out-of-state travel, long workdays, and/or overnight travel.

***Physical Condition:***

Should be in good physical condition for walking, carrying fifty pounds up to ½ mile, loading and unloading equipment, and digging and trenching to collect samples.

**PREFERENCES:**

- Master's in Geology or related Geoscience.
- Experience using a reflected-light microscope for organic petrology studies
- Experience measuring vitrinite, bitumen, and zooclast reflectance
- Experience in the maceral analysis of coal and visual kerogen analysis of shale

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