

## POSITION ANNOUNCEMENT

**LOCATION:** Kansas Geological Survey (KGS) at the University of Kansas (KU), 1930 Constant Ave, Lawrence, Kansas

**POSITION TITLE:** Field Research Aide

**KU TITLE:** Research Aide

**APPLICATION DEADLINE:** Review of applications will begin December 31, 2019, and continue until the position is filled.

**TENTATIVE START DATE:** January 13, 2020, or as soon as possible.

**SALARY, EMPLOYMENT STATUS, AND FRINGE BENEFITS:** Full-time position with benefits, contingent on funding, and subject to annual review. Salary is \$32,000 or greater, commensurate with qualifications and experience.

### **POSITION OVERVIEW:**

This is a field support position to assist the scientists and research staff with geophysical projects, data acquisition, instrument installations, and drilling operations in the Exploration Services section of the Kansas Geological Survey.

**EXPLORATION SERVICES SECTION:** The Kansas Geological Survey (KGS) Exploration Services (ES) section develops and uses several investigative methods to provide information about the subsurface, using both invasive and non-invasive approaches with a focus on higher resolution and accuracy while reducing cost.

The ES section provides drilling in support of water, energy, and basic subsurface research. It also runs a program designed to monitor changes and identify regional trends in the High Plains, Dakota, and alluvial aquifers, measuring about 1,380 wells in 47 central and western Kansas counties. As well, the ES section is responsible for installation, maintenance, and collection of data from earthquake recording stations in Kansas—both permanent stations and several temporary networks—to detect and analyze seismic activity.

For more information about the KGS visit our website: <http://www.kgs.ku.edu/General/jobs.html>

### **RESPONSIBILITIES:**

**60%:** Provide field and shop support for field operations. Assist senior research staff with a wide range of specialty and cutting edge field operations in support of KGS research. Assist in installation and maintenance of earthquake monitoring stations in Kansas. Software testing and equipment preparation for High Plains Aquifer Water Level program. Load and unload supplies and equipment as dictated by project needs. Responsible for various set up and operational activities around well site, field installations, and seismic surveying lines. Identify and undertake clean-up needs at the various field sites, shop, storage yard, and on vehicles.

**15%:** Create and maintain maintenance schedule for section use to insure vehicles are on a routine maintenance schedule. The maintenance schedule should allow for easy access to past explanation of repairs, dates, and costs of said repairs. Once completed, the maintenance schedule will be maintained and kept current with the ability to add or drop vehicles/equipment with ease. Take independent action, in coordination with KGS Administration, necessary to maintain proper vehicle maintenance based on schedule, with responsibility for scheduling with vendors, drop off and pickup, and confirmation work was completed as detailed.

**20%:** Fabricate various field research components to address special field needs and products when no commercial suppliers exist or improve on commercially available items. Complete routine inventory of supplies and equipment including evaluations of fitness for operations as designed. Repair and maintenance of equipment and multi-use supplies.

**5%:** Other duties as directed by the supervisor, which may include, but are not limited to, data analysis, computer operations, or general office projects.

**REQUIRED QUALIFICATIONS:**

1. High school diploma/GED and two years of combined work experience OR Associate's degree with some science, environmental, automotive, hydraulic, welding technology, or related courses and some of combination of work experience below:

Demonstrable work experience in one or more of the following categories:

- Scientific/technical fieldwork (data/sample acquisition or installation/maintenance of field instruments);
  - Mechanic work (vehicle/equipment maintenance and repair)
  - Metal fabrication (welding, cutting, and/or grinding)
  - Farm or construction work
2. Demonstrated experience with fabrication involving welding and machine work.

**Position Requirements:**

1. Valid Class "C" driver's license at onset of employment.
2. Physical ability to repetitively lift heavy items such as cement sacks, drill pipe, seismic cables, hay bales, etc. (up to 95 lbs), and to work outdoors in all weather extremes.
3. Capability to be away from Lawrence for one or more weeks.
4. Ability to operate off road vehicles both road legal and ATV style with 500 lb or greater load ratings.
5. Ability to accurately back 25 ft or longer trailers and a willingness to obtain Class A combination CDL.

**PREFERRED QUALIFICATIONS:**

1. Bachelor's degree in geology, environmental studies, engineering, or related field.
2. Current experience in fieldwork such as drilling, surveying, or farm labor.
3. Experience with heavy vehicle maintenance and operation.
4. Experience driving heavy trucks (>25,000 lbs) and vehicles pulling trailers.
5. Previous field experience on a research seismic crew.
6. Working knowledge of hydraulic systems and components.
7. Basic metal shop skills—welding, cutting, etc.
8. Experience trouble shooting and repair of small engines (generators, pumps, etc).

**APPLICATION PROCEDURE:**

Apply online only at <https://employment.ku.edu/staff/16221BR>.

Complete the University of Kansas Unclassified Professional Staff profile and upload the required material:

1. Cover letter addressing the required and preferred qualifications and position requirements.
2. Resume.
3. Contact information for three professional references.
4. Unofficial college transcripts to meet education requirement, if applicable.

**Review begins January 1, 2020**, and will continue until a qualified pool of applicants is received. For best consideration apply by the review date above.

**CONTACT INFORMATION:**

Annette Delaney, Kansas Geological Survey, University of Kansas. [adelaney@ku.edu](mailto:adelaney@ku.edu) or 785-864-2152.

*The University of Kansas prohibits discrimination on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, status as a veteran, sexual orientation, marital status, parental status, gender identity, gender expression and genetic information in the University's programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Director of the Office of Institutional Opportunity and Access, [IOA@ku.edu](mailto:IOA@ku.edu), 1246 W. Campus Road, Room 153A, Lawrence, KS, 66045, (785)864-6414, 711 TTY. <http://policy.ku.edu/IOA/nondiscrimination>*