

**POSITION ANNOUNCEMENT**

**POSITION TITLE:** KGS Laboratory Director

**KU TITLE:** Research Lab Director

**APPLICATION DEADLINE:** Review begins **May 2, 2022**, and will continue until a qualified pool of candidates is received.

**TENTATIVE START DATE:** **May 30, 2022**, exact start date is negotiable.

**ADVERTISED SALARY RANGE:** \$65,000 - \$70,000, depending on qualifications and experience.

**POSITION OVERVIEW:**

Manage instrument operations and oversee laboratory safety in KGS Analytical Laboratories to further the mission of the Kansas Geological Survey to collect and disseminate information about the geology of Kansas and its natural resources. Develop and implement KGS-wide laboratory safety program. Participate in proposal writing and project execution related to KGS laboratory data collection. Provide professional support for developing KGS digital services and publications related to laboratory-derived data.

**RESPONSIBILITIES:**

**(60%) Manage KGS analytical laboratories**

Manage analytical instrument operations for:

- ICP-IC Lab (Moore 607 and 602)
- Future XRF Lab (Parker Bsmt)
- Core Scanner Lab (EEEC Ritchie)
- Mercury Lab (Parker 22)

Manage laboratory safety for:

- ICP-IC Lab (Moore 607 and 602)
- Core Scanner Lab (EEEC Ritchie)
- Mercury Lab (Parker 22)
- Micro Lab (Parker 13)
- CL Lab (Moore 105)
- Soil Lab (Parker 18)
- Digestion Lab (Moore 101)
- Field Petrophys. Lab (Parker 17)
- Future XRF Lab (Parker Bsmt)
- Thin Section Lab (Moore 601)
- Interface with KU Env. Health and Safety to ensure all KGS lab spaces meet requirements
- Track safety training for KGS personnel and students working in KGS laboratories
- Train and supervise students working in labs
- Coordinate with KGS personnel to maintain accurate inventory of analytical laboratory equipment, including those in KGS personnel offices (e.g., microscopes)
- Communicate equipment and budget needs to KGS administration, including preparation and submission of the annual budget for equipment and supplies (e.g., PPE)
- Manage fee-for-service accounts for laboratories, including billing and purchasing
- Coordinate maintenance and service of laboratory equipment (including petrog. microscopes)

**(35%) Research participation**

- Participate in KGS research programs
- Coordinate with relevant KGS personnel to ensure instrumentation meets KGS research missions

- Prepare proposals for grant and contract opportunities
- Author and co-author publications in peer-reviewed and non-peer-reviewed venues
- Prepare abstracts and presentations for diverse venues
- Serve on graduate committees

**(5%) Other duties as assigned**

- Represent KGS at professional events
- Serve on KGS search committees
- PhD in Engineering, Environmental Science, Geology, Chemistry, or a closely related field.
- 5 years of experience in lab management.
- Experience calibrating, operating, and maintaining an ICP and IC for analysis of aqueous solutions.
- Experience calibrating, operating, and maintaining petrophysical lab equipment.

**REQUIRED QUALIFICATIONS:**

1. PhD in Engineering, Environmental Science, Geology, Chemistry, or a closely related field.
2. 5 years of experience in lab management.
3. Experience calibrating, operating, and maintaining an ICP and IC for analysis of aqueous solutions.
4. Experience calibrating, operating, and maintaining petrophysical lab equipment.

**PREFERRED QUALIFICATIONS:**

1. Academic or industrial lab experience in one or both of the following areas: analysis of environmental water samples (including surface water, groundwater, and high salinity water), and petrophysical analysis of rocks and sediment.
2. Experience with developing and implementing lab safety protocols.
3. Experience managing budgets/project funds, including purchasing and fee for service accounts.
4. Demonstrated ability to work successfully as part of a collaborative research team.
5. Demonstrated effective verbal and written communication and interpersonal skills.
6. Experience in lab management, development of analytical methods, and training others to use analytical instruments and data collection systems.
7. Excellent organizational skills.

**APPLICATION PROCEDURE:**

Apply online only at <https://employment.ku.edu/staff/21863BR>. Complete the University of Kansas Unclassified Professional Staff profile and upload the required material:

1. Cover letter specifically addressing each required and preferred qualification.
2. CV.
3. Contact information for three professional references. Provide the relationship to the reference.

**Review begins May 2, 2022**, 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.

**KANSAS GEOLOGICAL SURVEY:** The Kansas Geological Survey (KGS) is a research and service division of the University of Kansas that investigates and provides information about the state's geologic and groundwater resources. The KGS has no regulatory authority and does not take positions on natural resource issues.

KGS scientists pursue research related to surface and subsurface geology, energy resources, groundwater, and environmental hazards. They develop innovative tools and techniques, monitor earthquakes and groundwater levels, investigate water-quality concerns, and map the state's surface geology. Their analyses, findings, and data are shared with the scientific community and general public through publications, online resources, and presentations. The KGS also houses thousands of oil and gas and water well records filed with the state over several decades as well as thousands of rock cores and cuttings brought to Earth's surface during oil and gas drilling.

The main headquarters of the KGS is in Lawrence on the west campus of the [University of Kansas](#), and the [KGS Well Sample Library](#) is in Wichita. Between the two locations, the KGS has a staff of approximately 115 employees, including 35 student employees. The KGS reports to the [Vice Chancellor for Research](#) at the University of Kansas and has a 12-member [advisory council](#) to provide review and guidance.

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**LAWRENCE:** A city of approximately 95,000, Lawrence is located on a rolling landscape 35 miles west of the major metropolitan area of Kansas City and 20 miles east of Topeka, the state capital. Home to [Haskell Indian Nations University](#) (<http://www.haskell.edu>) as well as KU, Lawrence offers the cultural and athletic events of a university setting. For more information on Lawrence, please visit the [Lawrence Convention and Visitors Bureau](#) (<http://www.visitlawrence.com>), the [Lawrence CyberVillage](#) (<http://www.ci.lawrence.ks.us>), or the [City of Lawrence](#) (<http://www.lawrenceks.org>) web pages.

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