UNIVERSITY OF KANSAS

STUDENT HOURLY	
Unit: KANSAS GEOLOGICAL SURVEY	Address: MOORE HALL, WEST CAMPUS
Working Job Title: Student Geochemistry Lab Assistant	Work Study _XX OR Regular Hourly _XX_
Starting Hourly Rate: \$15.00	Appointment: Start date October 3, 2022
KGS Section: Geohydrology	
Hours Per Week: During business hours, 8-5, M-F	Job SpecificXX Job Pool
Business Hours: 8:00a-5:00p, Monday through Friday	

POSITION OVERVIEW:

Assist with analysis of water and aqueous solutions in Kansas Geological Survey's geochemistry lab using a variety of different lab instruments (details below). This position is open to upper-level undergraduate or graduate students with previous lab experience.

DUTIES:

30% Analyzing samples using analytical instruments including ion chromatograph (IC), inductively coupled plasma - optical emission spectrometer (ICP), alkalinity titrator, and other benchtop analytical tools.

30% Lab work including filtering and preparing samples, sample preservation and acidification, washing analytical glassware, and weighting samples.

20% Standard preparation for IC and ICP

10 % Reporting analytical results and data

10% Other duties as directed

REQUIRED QUALIFICATIONS:

1. KU graduate or upper-level undergraduate students in chemistry, engineering, geology, environmental science, biology, or related natural science field.

2. Previous experience (1-2 years) in analytical laboratory and familiarity with wet chemistry techniques.

- 3. Organized, independent and attention to detail as evidenced by application material.
- 4. Available to work 10-15 hours weekly between 8am and 5pm, Monday through Friday.

PREFERRED QUALIFICATIONS:

- 1. BS degree in natural science field (chemistry, biology, engineering, geology, etc.)
- 2. Previous experience with IC, ICP and other analytical instruments

PROCEDURES FOR APPLYING:

Apply for this position at <u>https://employment.ku.edu/student/23395BR</u>. (Internal: 71612, 2950121-033, S12) Complete the KU student application and upload:

1. Resume

2. Cover letter showing how qualifications and position requirements are met is welcome, but not required.

3. Work references.

PERSON TO CONTACT:

Annette Delaney, adelaney@ku.edu, 785-864-2152

CLOSING DATE FOR APPLICATIONS: September 19, 2022

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