



Student GIS Assistant

Position Overview

Student will develop an understanding of the Kansas automobile crash record database. Duties will include data correction, data quality analysis, mapping and report development. Work 15 or more hours per week during the academic year, including breaks, and 20-40 hours per week during summer. All hours are between 8:00 a.m. - 5:00 p.m., Mon-Fri, with a minimum of 3-4 hour blocks of time. www.kgs.ku.edu

Duties

- (40%) Interpret geographic information and other supporting data to determine locations of car crashes.
- (25%) Review results of automated address geocoding.
- (20%) Perform database quality control procedures.
- (10%) Manual geospatial data editing.
- (5%) Other duties as assigned by supervisor.

Required Qualifications

1. KU student meeting enrollment requirements.
2. Demonstrated attention to detail.
3. Excellent communication skills and ability to follow precise verbal and written instructions.
4. Ability to work effectively with minimal supervision.
5. Experience with Microsoft Office and/or G-Suite (Drive, Sheets, Docs).

Preferred Qualifications

1. Major in geography or related field.
2. Knowledge in GIS: ArcGIS Pro, ArcMap, ArcGIS Online.
3. Experience with graphics design software.
4. Experience with database systems and Structured Query Language (SQL).

Candidate Instructions

Apply online employment.ku.edu/student/20778BR

Complete the student profile and upload the following:

1. Resume.
2. Cover letter, recommended but not required.
3. Provide work references and the relationship to the reference (e.g., supervisor).

Apply before the December 5, 2021 deadline.

Contact Information for Applicants

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

Advertised Salary Range

\$15.00 per hour

Work Schedule

Available to work up to 20 hours weekly between 8am and 5pm, Monday through Friday.

About the KGS

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 [Kansas Geologic Sample Repository](#) 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.

Non-Discrimination, Equal Opportunity, Affirmative Action Employer

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