Kansas Geological Survey (KGS)

University of Kansas

 Lawrence, KANSAS

**POSITION ANNOUNCEMENT**

**POSITION TITLE:** Stratigrapher

**KU TITLE:** Assistant Research Professor

**APPLICATION DEADLINE: Review begins March 23, 2021**, and will continue until a qualified pool of candidates is received.

## TENTATIVE START DATE: April 19, 2021, exact start date is negotiable.

**SALARY, EMPLOYMENT STATUS, AND FRINGE BENEFITS:** Full-time position with benefits, contingent on funding, subject to annual review. Salary range is $68,000 - $71,000, depending on qualifications and experience.

**POSITION OVERVIEW:**

The Assistant Research Professor will assume duties as a lead mapper for the STATEMAP program. In addition, the individual in this position is expected to play a role in developing a research program that focuses on Paleozoic depositional systems in Kansas. The individual in this position may interactively pursue outside grant/contract funding with other KGS and University geologists to further the understanding of Paleozoic deposits in Kansas and their implications for understanding groundwater resources and other environmental issues in the state, though STATEMAP obligations are the highest priority for this position.

Academic Probation: All incoming KGS scientific staff must complete a probationary review period (six years for assistant scientists). At the end of the probation period, if not before, the Assistant Research Professor will be expected to be prepared for promotion to the next academic rank. The annual KGS probation review process is conducted each spring. It is the responsibility of the academic staff to understand the KGS academic expectations and promotion guidelines, which are located on the KGS website:

<http://www.kgs.ku.edu/StaffSite/Administration/Policies/KGS_Academic_Promotion_Guidelines.pdf>

**JOB DESCRIPTION:**

**90% Research:**

* Primary research is field-based geological mapping, in-office mapping using legacy maps and the most up-to-date GIS coverage, and work closely with KGS staff to produce geological maps.
* Conduct and publish the results of fundamental and applied geologic research in studies Paleozoic depositional systems that is of national stature and relevant to Kansas.

**10% Service:**

* Participate in and serve in leadership roles in professional and scientific organizations.
* Serve on University and KGS committees and organizations as assigned or in response to opportunities.
* Provide technical assistance to KGS and KU staff in areas of scientific expertise.
* Provide external professional peer reviews of journal manuscripts and grant proposals.

**REQUIRED QUALIFICATIONS:**

1. Doctorate in geology or related discipline.
2. Current or prior appointment to an academic postdoctoral research position.
3. Published peer-reviewed research on Paleozoic or Mesozoic depositional systems that incorporate paleontological and stable isotopic datasets.
4. A record of involvement in components of the National Cooperative Geologic Mapping Program and geologic field mapping experiences.
5. Experience with ArcGIS mapping software.
6. Laboratory experience on characterization of material properties of construction aggregate deposits.

**PREFERRED QUALIFICATIONS:**

1. Published record of research on Kansas geology.
2. Demonstrated record of successful performance in a team environment.
3. Record of scientific excellence indicated by scholarly publication and presentations at scientific meetings.
4. Demonstrated experience using subsurface data including core, well logs, and geophysical data.

**ADDITIONAL CANDIDATE INSTRUCTION:**

Complete application will consist of the following documents. Incomplete applications will not be considered:

1. CV
2. Cover letter addressing how the candidate meets the required and preferred qualifications.
3. Contact information for three professional references.
4. Unofficial transcripts.

**Review begins March 23, 2021**, and will continue until a qualified pool of applicants is received. For best consideration apply by the review date above.

**CONTACT INFoRMATION:**

For HR Questions: Annette Delaney, adelaney@ ku.edu

For Technical Questions: Jon Smith, jjsmith@ku.edu

**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](http://www.ku.edu/), and the [KGS Well Sample Library](http://www.kgs.ku.edu/General/wichitaMap.html) 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](http://research.ku.edu/) at the University of Kansas and has a 12-member [advisory council](http://www.kgs.ku.edu/General/advisCounc.html) to provide review and guidance.

[More...](http://www.kgs.ku.edu/General/about.html)

**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/) (<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/) (<http://www.visitlawrence.com>), the [Lawrence CyberVillage](http://www.ci.lawrence.ks.us/) (<http://www.ci.lawrence.ks.us>), or the [City of Lawrence](http://www.lawrenceks.org/) (<http://www.lawrenceks.org>) web pages.

*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**, 1246 W. Campus Road, Room 153A, Lawrence, KS, 66045, (785)864-6414, 711 TTY.*