

Career Opportunity



RESEARCH GEOLOGIST (SURFICIAL GEOLOGIST)

Indiana Geological Survey (PAE 4RS)

Position# 00012982

Salary range \$55,000-65,000

Apply at: <http://jobs.iu.edu> POSTING NUMBER 00817P

The Indiana Geological Survey, a research institute of Indiana University, seeks applications for a research geologist (surficial geologist) to perform geologic mapping and basic and applied research related to the sedimentology, stratigraphy, and depositional processes of the unconsolidated deposits of the State of Indiana.

Position summary:

Surficial geologist performs geologic mapping and basic and applied research relating to the geology of Indiana's unconsolidated deposits and associated resources. Participates in externally funded programs such as the USGS National Cooperative Geologic Mapping Program (STATEMAP and Great Lakes Geologic Mapping Coalition). Applies specialized geological and related training to the sedimentology and geomorphology of Indiana's surficial deposits. Uses GIS, database, remote sensing, and other software for analysis and depiction of Indiana's surficial geology. Prepares proposals for external funding. Serves as critical reviewer for professional papers and abstracts and presents papers at professional meetings. Responds to external geological service requests, including government officials, consultants, and citizens. Coordinates and conducts research with federal, state, and local agencies and other universities. Communicates basic scientific findings in lectures, field trips, geologic maps, professional reports, and other publications.

Qualifications:

Master's degree required, PhD preferred, with course work in surficial processes and the stratigraphy and sedimentology of depositional systems. Three years of related experience is required. Demonstrated ability to formulate a research project, obtain funding, and bring it through to publication. Working knowledge of surficial processes and the sedimentology and stratigraphy of sedimentary sequences. Must have excellent communication skills, be well organized, and able to direct and supervise support staff. Requires outstanding interpersonal skills and the ability and desire to communicate geological information. Ability to communicate scientific findings in lectures, field trips, maps, professional journals, and other publications. Must be able to use the laboratory and field equipment that characterizes the physical and chemical properties of earth materials. Uses GIS, database, statistical, remote sensing, and other geological software for the analysis and depiction of earth materials. Must be able to lift at least 50 pounds and walk over rough terrain. Must be willing to travel both in Indiana and out of state and present findings at conferences.

Application deadline is April 28, 2016, with an anticipated starting date of July 1, 2016 or sooner.

A complete application includes a cover letter to the Director, resume, and contacts for three references with your online application. Further information on the Indiana Geological Survey may be obtained at <http://igs.indiana.edu>.

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