Engineering Assistant (Contractor)

1. Types of Services Required:

Students will support a team of scientists and engineers working on water resource investigations on local, regional, and national scales. Level of involvement will depend on skills and experience. Students will be expected to perform or assist with any of the following: compile, query, and maintain groundwater and surface water records in scientific databases to evaluate water quality, water availability and water use at local and regional scales; pre- and post-process data for use with hydrologic, hydraulic, water-quality and/or statistical models; run simulations following specific data protocols; review scientific literature and reports; prepare reports of findings, tables, and graphs for use in technical reports and presentations; perform geospatial analyses and prepare map products; Additional duties may include assisting USGS staff in field-related data collection activities and performing occasional lab-related activities.

2. Required expertise/skills:

1. Knowledge of MS Office software (Word, Excel, and PowerPoint) required.
2. Coursework or experience with water resources modeling and GIS highly desirable.
3. Database and scientific programming (e.g., R or Python) experience preferred.
4. Basic understanding of chemical principles and laboratory safety procedures helpful.

3. Description of Working Conditions:

Work will generally occur in an indoor office environment on a computer. Work may also occur remotely with proper training, equipment, and advanced supervisory approval. There may be periods of field work where the weather can be inclement and have extremes in temperature.

4. Compensation:

Compensation is commensurate with the level of education and experience, as follows: $16.65/hr for student having completed two or more years of college; $18.63/hr for student having completed BA/BS; $23.08 for a student having completed a BA/BS with Superior Academic Achievement.

Student is responsible for all costs of transportation to and from the principal duty station location. The Government does not provide housing, meals or other living expenses while working at the principal duty station. Regular travel away from the duty station is not expected. Transportation will be provided to and from field investigation site(s). Meals/cost of food while at field investigation sites will be provided by the USGS in the same manner as for federal employees, in accordance with the Government Travel Regulations.

5. Principal Duty Station:

USGS – Central Midwest Water Science Center
405 N. Goodwin Ave., Urbana, IL 61801
650 Peace Rd., Dekalb, IL 60115
400 S Clinton St., Iowa City, IA 52240
1400 Independence Rd., Rolla, MO 65401

The student may enter the building only during business hours or when a project member is present. With advanced approval, the student may also work remotely at times. Hours to be worked: Full-time (up to 40 hrs/wk) during summer and Part-time (16-20 hrs/wk) during school year

Period of performance: Begins ASAP with no end date (not to exceed 2 years)

Requirements: Must be a US Citizen and current student. The USGS is an Equal Opportunity Employer

To apply: email resume and current unofficial transcript(s) to gs-w-cmwsc_hr@usgs.gov