



Open full-time position: **Senior Geologist - Petroleum Geologist**

Closes September 27, 2020

Utah Geological Survey

The Utah Geological Survey is looking for an experienced petroleum geologist to join the Energy and Minerals team. This is your chance to practice geology in one of the most stunning states in the U.S. Responsibilities will include the assessment of Utah's hydrocarbon resources, initiation of research that will better define these resources, liaise with petroleum operators, and become an expert in Utah geology with the ability to lead field trips and teach workshops. The Utah Geological Survey provides an unmatched opportunity to practice "real" geology and also enjoy a work-life balance that affords ample time for family and outdoor activities. Enjoy a flexible schedule, generous benefits, telecommute options, and quick access to Utah's mountains and red rock country, and work with a group of geologists that are passionate about promoting Utah's geology.

Principle duties:

- Initiate research on Utah's petroleum resources, with possible projects related to carbon sequestration and produced water management
- Seek external funding for petroleum research
- Liaise with Utah petroleum operators, other state and federal agencies, and academia
- Conduct petroleum geology research in the laboratory and in the field (e.g., resource assessments, prospect analysis), publish and present results
- Help manage the Utah Core Research Center and promote the use and expansion of its collection
- Curate historic geologic data and devise plans to make this information easily available to researchers
- Develop and lead Utah-based field trips and workshops for industry, academia, and the general public
- Answer inquiries from industry, government, and the general public about Utah's petroleum resources
- Become a leader of the Petroleum Section within UGS

The ideal candidate:

- B.S. degree in Geology (or closely related field), advanced degree preferred
- 5-10 years experience in the petroleum industry or equivalent petroleum-related research experience (position could be underfilled at Project Geologist if candidate has less experience)
- First-hand knowledge of the petroleum resources in Utah
- The ability to seek external funding, perform independent research, and write professional papers
- Excellent communication skills with the ability to give professional presentations, lead field trips, and teach workshops
- Comfortable in a leadership/management role
- Self-starter and independent researcher, but still enjoys working as part of the team
- Possesses the computer skills necessary for a geology-based research position (MS office, Adobe, ArcGIS, Petra or equivalent software, etc.)
- Experienced with field and core-based research projects (geologic mapping skills, ability to measure stratigraphic sections, core description skills, knowledge of petrophysics, etc.)
- Skills and knowledge that adds to and compliments current UGS expertise (e.g., structural geology, machine learning, basin analysis, petrophysics, geochemistry, etc.)

<https://www.governmentjobs.com/careers/utah>

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