Overview

The Department of Geosciences at Utah State University (USU), Logan, invites applications for a Professional Practice Assistant Professor position to develop and lead a new undergraduate program designed toward enhancing the geoscience workforce. This is a renewable term-appointment targeted to begin August 2020. We seek candidates who fuse innovative learning pedagogies with applied geoscience training to advise, teach, and assess students in this initiative. The successful candidate will help develop and oversee the Geoscience Technology Workforce Pathways (GeoPaths) program, aimed at training and placing undergraduate students into geoscience careers. This opportunity represents a new collaboration with Uintah Basin Technical College (UB Tech) and industry partners. The GeoPaths program will be an integrated set of stackable credentials that culminates in a four-year degree and capstone certificate combining classroom, hands-on, and online training.

Responsibilities

The successful candidate will demonstrate outstanding potential for student engagement, leadership in program development, excellence in teaching and mentoring, and complement our department’s current educational strengths. This position involves roles in teaching (55%), administration (25%), research (10%), and service (10%). Teaching responsibilities include delivering hands-on, applied courses to upper-level undergraduates as well as educational design and learning assessment for the GeoPaths program. Administration responsibilities involve managing the new GeoPaths program. The position is based in Logan, UT with expectations for a presence at UB Tech to facilitate collaborations with UB Tech and industry partners. By the start date, candidates must have a Ph.D. in Geosciences, Earth Sciences, or a closely-related field. Professional experience in environmental, government, and/or industry geoscience is strongly preferred, as is experience and motivation in STEM education. A Professional Geologist (PG) license or willingness and ability to obtain one early in employment is preferred. The Department of Geosciences is especially interested in candidates committed to fostering inclusive learning environments, as well as to promoting an environment of diversity and excellence through service, teaching, and research.

Qualifications

Minimum Qualifications

- PhD in Geoscience, Earth Science, or closely related discipline
- STEM education experience or training

Preferred Qualifications

- Educational leadership, advising, mentoring and/or administrative experience
- Environmental, oil & gas, mining, and/or government-geoscience work experience
- Online or distance education experience
- PG license or willingness/ability to obtain a PG via the National Association of State Boards of Geology (ASBOG) early in employment
Required Documents

1. CV to be uploaded in the candidate profile under "Resume"
2. Cover letter
3. Statement of teaching and leadership philosophy and experiences
4. Names and contact information (including email addresses) for three references to be provided in the candidate profile
5. Three letters of recommendation (please see below)

Applicants must apply electronically, using the online system at https://careers-usu.icims.com/.

Files 2 and 3 are to be uploaded into the candidate profile under “Other documents.” Each file should follow the naming convention: “GeoPaths_applicant’s last name first initial_file type”. For example, “GeoPaths_SmithL_CV”. Teaching statements should describe teaching and leadership philosophy, industry-employment and/or teaching experiences, and educational interests. Document size may not exceed 10 MB.

For letters of recommendation, applicants are required to direct their referees to submit their confidential letters directly to a Box folder hosted by USU. Applicants will provide letter writers with the link: https://bit.ly/2lBsXXA. Referee files should be labeled “GeoPaths_applicant’s last name first initial_reference’s last name”.

Review of applications will begin October 31, 2019, and the position will remain open until filled.

For more information, please contact:
Dr. Alexis K. Ault
Search Committee Chair
Department of Geosciences
4505 Old Main Hill
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Logan, UT 84322
email: alexis.aukt@usu.edu

**Document size may not exceed 10 MB.**

Advertised Salary
Commensurate with experience, plus excellent benefits

ADA
Employees typically work indoors and are protected from weather and/or contaminants, but not, necessarily, occasional temperature changes.

College/Department Highlights
The Department of Geosciences at Utah State University is a vibrant, growing, and rigorous Earth Science program with 14 faculty and four Lecturers-Instructors, which regularly hosts postdoctoral researchers and visiting scientists (https://geo.usu.edu/). The department offers dissertation/thesis-based Ph.D. and Master’s degrees, as well as a professional Master’s option. Research resources include a microscopy laboratory with a new state-of-the-art Raman spectrometer; a field-emission scanning electron microscope; stable isotope and luminescence-geochronology laboratories; X-ray analysis, ICP-MS, and mineral separation facilities; a stereoscopic workstation; and field geological and geophysical equipment.

**University Highlights**

Utah State University (USU) was founded in 1888 and is honored to be Utah’s land-grant and space-grant university. USU is a Carnegie RU/H (Research University/High Research Activity) institution with approximately 28,000 students (25,000 undergraduates and 3,000 graduate students) on the Logan main campus, four regional campuses, two USU Eastern campuses, and 28 centers throughout the state. USU offers 162 undergraduate majors, 153 graduate programs, and a variety of innovative stackable associate and certificate credentials. The 2018 rankings from Washington Monthly ranked USU as one of the top 30 national Universities and the 5th best public national university in the nation. As one of the two premier research institutions in Utah, USU is proud to provide a high-quality education at an affordable price. Additional information about Utah State University can be found at: [https://www.usu.edu/about/at-a-glance/](https://www.usu.edu/about/at-a-glance/).

A core characteristic of USU is engagement with communities and people in economic development, improvements to quality of life, and human capital. Through the practical application of knowledge, the University and its faculty engage and share expertise with the state, nation, and world, preserving the historical land-grant tradition of partnering with communities to address critical societal issues in the interest of the public good.

The USU main campus is located in beautiful Logan, Utah; a city of about 50,000 situated in a picturesque mountain valley about 80 miles north of Salt Lake City. Outstanding recreational opportunities abound in the nearby mountains and proximate region. Additional information about Logan can be found at: [http://www.loganutah.org/visitors/about_logan/index.php](http://www.loganutah.org/visitors/about_logan/index.php).

USU recognizes and values the importance of diversity and inclusion in enriching the employment experience of its employees and in supporting the university’s academic mission of learning, discovery, and engagement ([https://www.usu.edu/president/missionstatement/](https://www.usu.edu/president/missionstatement/)). USU is an AA/EO employer and does not discriminate based on race, color, religion, sex, national origin, age, genetic information, sexual orientation or gender identity/expression, disability, status as a protected veteran, or any other status protected by University policy or local, state, or federal law. Learn more at [https://equity.usu.edu/](https://equity.usu.edu/). USU is sensitive to the needs of dual career couples and provides a Dual Career Assistance program. Additional information can be found at: [http://www.usu.edu/provost/faculty-life/dual-career-assistance.cfm](http://www.usu.edu/provost/faculty-life/dual-career-assistance.cfm).