

The strategic vision of the College of Geosciences at Texas A&M University is to lead in establishing the geosciences as the defining discipline of the 21st century. To attain this vision requires effective scientific advances and the relevant practical applications, stemming from use of spatio-temporal analysis, simulation, decision support, and geovisualization tools in support of real-time multidisciplinary collaborations. We seek an interdisciplinary senior scholar with a record of leading innovative, cross-cutting research programs in data science (including big data analytics, information processing, cyberGIS, and/or high performance computing) pertaining to the Earth System Processes to join our team at the rank of Professor with tenure. Applicants should have a Ph.D. (or equivalent) and at least 10 years of experience. We expect this individual to take a leadership role in our current efforts to transform the disciplinary strengths at TAMU into an interdisciplinary powerhouse, by nucleating university-wide collaborations from the College of Geosciences in the areas of data science. We welcome applicants with any disciplinary specialty consistent with the mission of the College of Geosciences, however the successful candidate will 1) demonstrate the ability to integrate natural and social science perspectives in research programs with the creativity and open mindedness to embrace unique research strategies, 2) sustain a high impact disciplinary and interdisciplinary publishing record within one of the disciplines housed within the College of Geosciences, 3) perpetuate an exceptional record of external funding, 4) translate cutting-edge research strategies and discoveries into transformative educational opportunities for the undergraduate and graduate student bodies at TAMU, 5) contribute to enhancing the diversity of TAMU and the College of Geosciences, 6) elevate the national and international leadership of the college and university, and teach graduate and undergraduate courses in their area of specialty.

The College of Geosciences includes the Departments of Geography, Geology and Geophysics, Atmospheric Sciences, Oceanography, as well as Texas Sea Grant, the Geochemical and Environmental Research Group (GERG), and the Integrated Ocean Discovery Program (IODP). Texas A&M University, a land-, sea-, and space-grant university is located in a metropolitan area with a dynamic and international community of 255,000 people. Texas A&M University is an affirmative action/equal opportunity employer committed to excellence through the recruitment and retention of a diverse faculty and student body and compliance with the American with Disabilities Act. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment. We strongly encourage applications from women, underrepresented ethnic groups, veterans, and persons with disabilities. Texas A&M University also has a policy to address the needs of dual-career partners (<https://advance.tamu.edu/dual-career-program-information/>).

Candidates for this position should submit a letter of application, curriculum vitae, and the names of three confidential references to be submitted to

<http://apply.interfolio.com/38782>. Review of applications will begin on March 1, 2017 and continue until the position is filled.