

FACULTY HIRES IN GEOLOGY AND GEOPHYSICS AT THE UNIVERSITY OF HOUSTON

The University of Houston Department of Earth and Atmospheric Sciences is hiring three faculty at the assistant professor level. The department seeks any applicant who can enhance the departmental research and teaching strengths in Earth and planetary dynamics, energy and Earth resource exploration, and Earth surface and atmospheric systems. In particular, we are focused on hiring in the general fields below.

Assistant Professor – Sedimentology & Stratigraphy – (FAC000722)

We invite applications in the general field of sedimentology and stratigraphy. We are interested in applicants who can address significant questions in Earth science including those related to sea-level change, coastal resiliency, carbonate systems, evolution of the oceans, and climate change. Candidates with skills integrating field, lab, numerical, and/or physical modeling approaches are especially sought.

Assistant or Associate Professor – Geodynamics – (FAC000723)

We invite applications from scientists who bridge conventional geological and geophysical disciplines to research dynamic processes in the solid Earth and/or planets. We are interested in candidates whose cross-disciplinary research will enhance or expand departmental strengths that include deep-Earth structure, thermal evolution, crust and mantle dynamics, orogenesis, planetary evolution and dynamics, and/or basin evolution.

Assistant or Associate Professor in Geology/Geophysics – (FAC000733)

We invite applicants in the general field of sedimentary basin analysis who bridge geological and geophysical disciplines. Areas of desirable research include, but are not limited to, structure, stratigraphy, rock mechanics, seismicity, geohistory, and fluid/rock interactions. We encourage individuals who integrate surface and 3D subsurface data sets to answer fundamental questions concerning linked tectonic and sedimentary processes and their relationship to natural resources.

The successful candidates are expected to build active collaborations within and outside the university, to develop externally funded research programs that are internationally recognized, to teach graduate and undergraduate level courses that bridge theory and practical applications in the geosciences, and to use their research to enhance experiential learning at UH. Consideration of candidates at the Associate Professor level will be considered in exceptional circumstances.

Furthermore, we welcome candidates whose experience in teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence. Our institution is located in the energy and space capitol of the world with potential collaborative opportunities in the nearby academic, federal, and industrial sectors. More information about the department can be found at <http://www.uh.edu/nsm/earth-atmospheric/>.

Candidates should submit: 1) a statement of teaching, 2) research interests, 3) a curriculum vitae, 4) as part of the application please include at least 3 possible references and their contact information. Applications should be submitted online through <https://jobs.uh.edu/> by December 5, 2018.

The University of Houston is responsive to the needs of dual career couples.

The University of Houston is an equal opportunity/affirmative action employer. Minorities, women, veterans, and persons with disabilities are encouraged to apply.

Qualifications: Candidates must have a Ph.D. in Earth Science or a related field at the time of the appointment.

Notes to Applicant: Official transcripts are required for a faculty appointment and will be requested upon selection of the final candidate. All positions at the University of Houston are security sensitive and will require a criminal history check. Incomplete applications may not be considered.