

Geosensing Systems Engineering & Sciences Faculty Position

The Department of Civil and Environmental Engineering (CEE) at the University of Houston invites applications for one full-time tenure track faculty position in the Geosensing Systems Engineering & Sciences (GSES) program. Candidates with multi-disciplinary interests are invited to apply at the Assistant Professor rank.

Qualifications: The applicant must have an earned Ph.D. in geomatics, geodetic science, geology, geophysics, computer science and/or a related field of civil/environmental/aerospace/electrical engineering with expertise in the broad area of geospatial observations including satellite or airborne remote sensing, machine learning and artificial intelligence, photogrammetry and machine vision, signal processing and geospatial analytics. We are particularly interested in candidates who harness these techniques to answer scientific questions related to hydrology, coastal resilience and sea-level rise, natural hazards, solid Earth and the cryosphere. The appointment is anticipated at the assistant professor level. The successful applicant will contribute to teaching, research, and service activities within the Department, College, and University and be part of a focused team of faculty members and research scientists that secures externally funded research grants and supports pedagogy within the multi-disciplinary graduate research program in GSES. The program maintains a state-of-the-art facility and is associated with the National Center for Airborne Laser Mapping (NCALM) funded by NSF. The anticipated start date of this appointment is September 1, 2022. Applications received before December 1, 2021 will receive priority consideration; application review will continue until all positions are filled. Applications should include a cover letter, complete contact information for three professional references, curriculum vitae, and statement discussing the candidate's (1) teaching interests, (2) research plans and (3) professional goals.

University and Department: The University of Houston is located in a park-like campus a few minutes from downtown Houston with over 37,000 undergraduate students and 8,000 graduate students. The CEE department currently has 22 tenured or tenure-track faculty members with over 340 undergraduates, and over 125 graduate students. Houston is the fourth largest city in the U.S. with over 6.9 million in population in the greater Houston area. It is the "energy capital of the world" and houses the largest medical center in the world. The greater Houston area offers state-of-the-art recreational facilities, world-class arts and cultural activities, excellent schools, and affordable housing.

How to Apply: Applications should include a cover letter, complete contact information for three professional references, curriculum vitae, and statement discussing the candidate's (1) teaching interests, (2) research plans and (3) professional goals. The application and associated documentation should be submitted to the following site for consideration: https://uhs.taleo.net/careersection/ex2_uhf/jobdetail.ftl?job=FAC001957

The University of Houston, with one of the most diverse student bodies in the U.S., seeks to recruit and retain a diverse community of scholars.

The University of Houston is an Equal Opportunity/Affirmative Action employer and is strongly and actively committed to diversity within its community. Women, minorities, veterans, and persons with disabilities are encouraged to apply. Additionally, the University prohibits discrimination in employment on the basis of sexual orientation, gender identity or gender expression.

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