The University of Central Florida is focused on increasing the prominence of its world-class Civil, Environmental, and Construction Engineering (CECE) Department (www.cece.ucf.edu) by expanding the Structural Engineering and Geotechnical Engineering groups that have existing strengths in dynamics, health monitoring, advanced materials in bridge and geomaterial applications, mechanics and numerical methods, uncertainty, and the soil-water and soil-structure interfaces. Applications are invited for two (2) tenure-track Assistant or Associate ranked faculty positions: one (1) in Structural and one (1) in Geotechnical Engineering in the CECE Department. The position will begin in August 2016.

Applicants must have a Ph.D. in Civil Engineering with specialization in Structural Engineering, Geotechnical Engineering, Engineering Mechanics, or a closely related field at the time of appointment. We are interested in candidates who will advance the field in the areas of: (1) Structural: soil-structure interaction, novel structural materials, computational modeling, limit-state analysis, wind-structure interaction, and performance-based engineering; (2) Geotechnical: deep foundations and pile dynamics, geomechanics, soil dynamics and wave propagation, offshore foundations, and soil reinforcement and remediation. Preference will be given for candidates who have post-doctoral or higher academic experience and proven research record.

Applicants must have demonstrated, or shown potential, to integrate novel experimental and/or analytical technologies, perform high impact and high demand research, and develop a creative and independent research program that would lead to strong extramurally-funded research and national/international recognition. Applicants will be expected to teach undergraduate and graduate courses in the structural (particularly concrete or steel), geotechnical, and mechanics areas, as appropriate for each position. To be considered for appointment at the Associate rank, applicants must have completed 4 years at the Assistant rank and have funding, publication, teaching, and service records compatible with UCF’s criteria for promotion.

The CECE department houses active research laboratories, institutes, and university transportation centers, including large-scale structural testing, health monitoring, soil testing, and pavement materials laboratories. A unique opportunity exists for multidisciplinary researchers to work collaboratively with other well-renowned programs on campus including the College of Medicine. Located in the Orlando Metropolitan area, UCF is the second largest university in the US offering excellent professional and personal opportunities. UCF offers B.S., M.S., and Ph.D. degrees in Civil Engineering. The undergraduate degree is ABET accredited. To learn more about UCF, visit www.ucf.edu. For further information about the CECE Department, visit www.cece.ucf.edu.

In addition to the application, candidates must also submit a signed cover letter, a complete curriculum vitae, maximum two page statement outlining research vision and teaching interests, and a list of at least four (4) references complete with address, phone number, and email address to: (1) Structural: www.jobswithucf.com/postings/42740; (2) Geotechnical: www.jobswithucf.com/postings/42740. NOTE: Please have all documents ready when applying so they can be attached at that time. Once the online submission process is finalized, the system does not allow applicants to submit additional documents at a later date. Review of applications will begin on October 26, 2015 and will continue until both positions are filled. For further questions regarding the position, applicants can send their questions to: CECESearch@ucf.edu.

UCF is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply, including minorities, women, veterans and individuals with disabilities. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, age, disability or national origin. As a Florida public university, UCF makes all application materials and selection procedures available to the public upon request.