

Structural Engineering Faculty Position within Resilient, Intelligent and Sustainable Energy Systems Cluster

The University of Central Florida recently established an interdisciplinary cluster approach to strengthen its academic offerings and research mission. In support of this effort, we are hiring faculty in the broad interdisciplinary area of sustainable energy systems. More details can be found at our cluster website, <http://www.ucf.edu/research/RISES>. Applicants for this specific position must have a Ph.D. from an accredited institution in Civil Engineering, Electrical Engineering, Computer Science, or a closely-related field at the time of appointment. We are especially interested in candidates with expertise in design and optimization of energy efficient structural systems with emphasis on efficient integration of renewable energy resources, wind engineering, performance-based structural engineering, probabilistic methods, monitoring technologies and failure analysis with emphasis on the fragility of the infrastructure that transmits power and green-energy power generating units such as on-shore and off-shore wind turbines and solar panels. Successful applicants must demonstrate a strong commitment to interdisciplinary and collaborative research and publication; have demonstrated an ability to perform high-impact and high-demand research, and develop a program that will lead to strong extramurally-funded research and national/international recognition.

Faculty in these interdisciplinary positions will be expected to strengthen both their tenure home departments as well as the RISES cluster. Potential tenure homes include College of Engineering and Computer Science, College of Optics and Photonics, College of Health and Public Affairs, and the College of Business Administration. All applicants should have a strong commitment to academic activities including teaching, scholarly publications, and sponsored research. Each new faculty member will have a unique opportunity to work with this interdisciplinary team, to foster intellectual breadth, and to facilitate integrative capacity to strengthen the success of the cluster. UCF offers a competitive salary and start-up package in addition to generous benefits. Individual and interdisciplinary infrastructure and startup are expected for these positions as well.

The University of Central Florida, the nation's second-largest university with more than 63,000 students, has quality research and educational programs. In particular, UCF's Electrical Engineering department is ranked 30th among all the ECE departments in U.S. public universities, and the CECE Department is ranked 75th among US public universities by US News and World Report. We encourage you to learn more about UCF at <http://www.ucf.edu/> and our College of Engineering and Computer Science at <http://www.cecs.ucf.edu>.

Candidates must apply online at <http://www.jobswithucf.com/postings/47325> and attach the following materials: a cover letter, curriculum vitae, teaching statement, research statement, and contact information for three professional references. In the cover letter, candidates should address their background in energy systems, and should identify the potential department(s) for their tenure home. In the research statement, candidates should include descriptions of their successful interdisciplinary research collaborations and how their current and future research can contribute to the cluster's overall interdisciplinary objectives. Review of applications will begin on November 1, 2016 and continue until the position is filled. The University of Central Florida is an equal opportunity, equal access, and affirmative action employer. For more information please contact the Cluster Search Committee via email at RISES@eecs.ucf.edu.