University of Central Florida

Assistant or Associate Professors in Faculty Cluster for Cyber Security and Privacy

The University of Central Florida (UCF) has established a focus area in cyber security and privacy, as one of six interdisciplinary clusters established to strengthen its academic offerings and research mission. In support of this effort, we are recruiting faculty in the broad area of cyber security and privacy. We plan to hire four tenure-track assistant or associate professors for the cyber security and privacy cluster. These positions have a start date of August 8, 2017.

These will be interdisciplinary positions that will be expected to both contribute to the common vision of the cyber security and privacy initiative and also strengthen a chosen tenure home department (or departments, when a joint appointment is preferable). A strong advantage of this position is the ability of the candidate to choose a combination of units from the cluster for their appointment. The cluster includes core members from Computer Science, Electrical and Computer Engineering, Industrial Engineering and Management Systems, the Institute for Simulation & Training, Political Science, Psychology, and Statistics, and affiliated members from several other departments. (See http://www.ucf.edu/research/cyber-security for a complete list of all the units involved.) This cluster will be the focal point of the University’s research and educational efforts in cyber security and privacy. Both individual and interdisciplinary infrastructure and startup support will be provided with these new positions.

The ideal junior candidates will have a strong background in cyber security and privacy, and be on an upward leadership trajectory in these areas. They will have research impact, as reflected in high-quality publications and the ability to build a well-funded research program. We are looking for team players who can help bring together current campus efforts in cyber security or privacy. In particular, we are looking for four faculty who work at the intersection of several areas, such as: (a) explaining and predicting human behavior, creating policies, studying ethics, and ensuring privacy, (b) cryptography and theory of security or privacy, (c) hardware and IoT security, or (d) tools, methods, training, and evaluation of human behavior.

Applicants must have a Ph.D., terminal degree, or foreign degree equivalent from an accredited institution in an area appropriate to the cluster, and a record of high impact research related to cyber security and privacy, demonstrated by a strong scholarly and/or funding record. A history of working with teams, especially teams that span multiple disciplines, is a strongly preferred qualification. The positions will each carry a rank commensurate with the candidate's prior experience and record.

Located in Orlando, UCF is one of the nation’s most dynamic metropolitan research universities. UCF has the top-tier Carnegie Foundation designation of a “very high research activity” university, is the nation’s second-largest university, and is ranked by U.S. News and World Report as among the top up-and-coming universities in terms of innovative changes in the areas of academics, faculty, and student life. UCF’s Orlando location also puts it at the center of the Florida High Tech Corridor.
The corridor has an excellent industrial base that includes: software, defense, space, simulation and training, and a world-renowned entertainment industry. Adjacent to UCF is a thriving research park that conducts over $2 billion in funded research, hosting more than 100 high-technology companies and UCF’s Institute for Simulation and Training. The Central Florida area is designated by the State of Florida as the Center of Excellence in Modeling and Simulation. UCF also has an accredited medical school, which was established in 2006. UCF is a neighbor to large corporations, such as Disney, Harris Corporation, Lockheed Martin, Siemens, and many others, all of which have a strong interest in cyber security and privacy. Great weather, easy access to the seashore, one of the largest convention centers in the nation, and one of the world’s best airports are just a few features that make Orlando an ideal location.

Candidates must apply online at http://www.jobswithucf.com/postings/47217 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 must address their background in cyber security and privacy, and identify the department or departments for their potential tenure home and the joint appointments they would desire. When applying, have all documents ready so they can be attached at that time, as the system does not allow resubmittal to update applications.

UCF is an Equal Opportunity/Affirmative Action employer. All qualified applicants are encouraged to apply, including minorities, women, veterans and individuals with disabilities. As a Florida public university, UCF makes all application materials and selection procedures available to the public upon request.

For more information about these positions please contact the Cluster Search Chair, Gary T. Leavens, at Leavens@ucf.edu.