The Department of Mathematics at the University of Central Florida (UCF) invites applications for two tenure-track positions at the Assistant Professor level anticipated to begin in August 2018. The first position (number 37381) is in the field of computational mathematics with emphasis in areas of high dimensional data analysis, theoretical machine learning, nonlinear optimization, probabilistic numerical methods, and related areas. (This position is part of the Provost’s strategic hires and is closely related to another position in deep learning for the Center for Research in Computer Vision, see http://crcv.ucf.edu.) The second position (37381) is in the more broadly defined field of computational mathematics; however, exceptional candidates with interests across other areas of math are also encouraged to apply.

With over 66,000 students, UCF is one of the largest universities in the nation, offering more than 200 degree programs at its main campus in Orlando. UCF is an economic engine, attracting and supporting industries vital to the region's future while providing students with real-world experiences that help them succeed after graduation. Mathematics faculty at UCF have many opportunities for interdisciplinary collaboration, including collaborations with the Center for Research in Computer Vision and the College of Optics & Photonics, which are world leaders in research. For more information, visit http://www.ucf.edu/faculty/.

Responsibilities: Successful candidates will be expected to teach both undergraduate and graduate level courses, conduct a vigorous research program, pursue external funding, advise and mentor students, and participate in department and university governance.

Qualifications: All applicants must possess a Ph.D. in Mathematics or a closely related field from an accredited institution, at time of application. Some postdoctoral experience is desirable. Successful applicants must demonstrate a strong record of excellence in both teaching and research. Other qualifications include a high potential to attract external funding and effective communication skills in English.

How to Apply: UCF requires all applications and supporting documents to be submitted electronically through the Human Resources website, www.jobswithucf.com. Applicants who apply for position 37381 will also be considered for position 38834. The following documents are required at the time of application: a cover letter, a curriculum vitae, complete list of publications, a list or transcript of each graduate level math course taken and grade earned, a teaching philosophy statement, a research statement, and three letters of recommendation addressing your qualifications for the position. Additionally, it is desirable that applicants supply some evidence of effective teaching. For questions regarding this search, please contact Constance Schober, search committee chair, at Constance.Schober@ucf.edu.

Commitment to Diversity: As an equal opportunity/affirmative action employer, UCF encourages all qualified applicants to apply, including women, veterans, individuals with disabilities, and members of traditionally underrepresented populations. As a Florida public university, UCF makes all application materials and selection procedures available to the public upon request.