

## **Associate Professor or Professor and Cluster Lead, Genomics and Bioinformatics Cluster**

**The Opportunity:** The Faculty Cluster Initiative (FCI) at the University of Central Florida (UCF) is recruiting one 9-month tenured associate professor or professor who will serve as the lead for the Genomics and Bioinformatics Cluster (GBC), (<https://www.ucf.edu/research/genomics-bioinformatics/>) The GBC is looking for a proven leader to foster the continued expansion of research programs in genomics and bioinformatics that are enabled by next-generation sequencing technologies and that address one or more areas among molecular evolution, biodiversity, microbiome research (environmental and plant/animal health), biological model systems, infectious diseases, translational applications for cancer, computational biology, systems biology, machine learning, and data mining. Strong candidates in other areas of genomics will also be considered.

This position has an anticipated start date of August 8, 2024.

An ideal candidate will have a strong background in genomics and bioinformatics, as well as computational approaches used to analyze large genomic datasets. The candidate should have demonstrable leadership experience, preferably with multidisciplinary teams, a strong research publication record, and demonstrated independent and interdisciplinary research funding.

The Genomics and Bioinformatics Cluster lead can join any of three tenure home departments – The Burnett School of Biomedical Sciences (College of Medicine), Biology (College of Sciences), or Computer Science (College of Engineering and Computer Science). Joint or secondary joint appointments among these departments is possible as appropriate to qualifications and interest. The cluster lead will be expected to develop a research program that strengthens their tenure home department and the cluster.

**Minimum Qualifications:** A Ph.D., M.D./Ph.D., or equivalent degree from an accredited institution in an area appropriate to this position. To be eligible for appointment as a tenured associate professor or professor upon hire, the selected candidate must have a demonstrated record of teaching, research, service, and leadership commensurate with a tenured faculty appointment in the applicable tenure home. Evidence of such a record could be demonstrated by holding the rank of tenured associate professor or professor at the candidate's current institution.

Also required is a strong and consistent scholarly and/or funding record from the NIH, NSF, or other equivalent agencies in genomics and bioinformatics, and demonstrated leadership in interdisciplinary research and/or education programs, potentially evidenced by currently holding, or previously having held, a leadership position at the candidate's current or previous academic institution.

**Preferred Qualifications:** In addition to the leadership and research track record noted above, an ideal candidate will also have proficient teaching skills and demonstrated effective communication skills with both graduate and undergraduate students, whether in large or small audiences. Preference will be given to candidates at the rank of professor, but experienced associate professors will also be considered.

**Additional Application Materials Required:** UCF requires all applications and supporting documents be submitted electronically through the Human Resources employment opportunities website, <https://www.ucf.edu/jobs/> In addition to the online application, candidates should upload a cover letter, a current curriculum vitae, and a list with contact information for three (3) professional references. In the cover letter, candidates should address their background in genomics and bioinformatics, their leadership experience, and identify the anticipated department(s) for their potential tenure home.

**Questions regarding this search should be directed to:** Shaojie Zhang, Search Committee Chair, at [Shaojie.Zhang@ucf.edu](mailto:Shaojie.Zhang@ucf.edu)