The University of Texas at Austin
Joint hire in Computer Science and Molecular Biosciences

The College of Natural Sciences at the University of Texas at Austin invites applications for an interdisciplinary junior faculty position to be jointly held between the Departments of Computer Science and Molecular Biosciences. An ideal candidate would be either a recently graduating Ph.D. or postdoc whose research utilizes computational approaches such as advanced algorithms and data structures, machine learning methods, probabilistic models, or imaging data analysis and visualization as applied to topics in the molecular biosciences. Example research areas include the discovery of complex relationships between combinations of genes, biomolecules or phenotypic phenomena; Big Data-driven biological discoveries from large genomics, proteomics, or microscopy datasets; or computational studies of molecular structure/function.

The successful candidate will orchestrate an outstanding program of independent research and contribute to an environment of diversity in higher education through research, teaching, and service. He or she will have joint membership in both departments and teach one course in each department. Close interactions among the Texas Advanced Computing Center, the Institute for Computational Engineering and Sciences, the Center for Systems and Synthetic Biology, the Center for Computational Visualization, the Center for Computational Biology and Bioinformatics, the Institute for Cellular and Molecular Biology, and the Genome Sequencing and Analysis Facility make The University of Texas at Austin a particularly attractive home for candidates in this interdisciplinary field. This joint faculty member will also be well positioned to contribute to the efforts of the new UT Austin Dell Medical School in the area of computational biology and medicine.

The departments prefer to receive applications online, beginning September 2, 2014. To submit yours, please visit http://www.cs.utexas.edu/faculty/recruiting

Applicants for an assistant professor position must have at least three (3) referees send letters of reference directly to the address provided. Qualified applicants with a Ph.D. or equivalent and appropriate postgraduate experience if relevant will be considered for appointment

Inquiries about your application for this joint position may be directed to faculty-search@cs.utexas.edu. For full consideration of your application, please apply by January 31, 2015. Complete applications (including all reference letters) will begin being reviewed on December 15, 2014. UT Austin is responsive to the needs of dual career couples and is dedicated to work-life balance through an array of family-friendly policies (http://www.utexas.edu/provost/policies/family/) Women and minority candidates are especially encouraged to apply. The University of Texas is an Equal Opportunity Employer.