

FACULTY POSITON IN COMPUTATIONAL BIOLOGY

(March 31, 2010)

The Department of Computer Science (<http://csc.lsu.edu>) & Center for Computation & Technology (CCT) (<http://www.cct.lsu.edu>), Louisiana State University invite applications for faculty positions in Computational Biology, broadly defined. Required Qualifications: Ph.D. or equivalent degree; successful track record of productive research; A Computer Scientist or Computational Biologist who investigates fundamental biological areas of interest should include, but are not limited to: biomolecular dynamics and structure-based drug design, systems biology and interaction networks, metabolomics, evolutionary genomics, and metagenomics analyses. Experience with developing the methods, infrastructure and algorithms to take advantage of high-performance and distributed computing and other advances in computing is an important requirement.

Responsibilities: Establishes a vigorous, extramurally funded research program; contributes to undergraduate and graduate teaching; contributes to the development of a center of excellence in Computational Biology at LSU. In addition to the Computer Science and CCT, the hired faculty will work closely with faculty in Biological Sciences and other departments at LSU, to foster the development of a center of excellence in Computational Biology at LSU.

The CCT offers an innovative and interdisciplinary research environment for advancing computational sciences, including a highly competitive computing environment with access to 100 TFlops of computing resources in conjunction with the Louisiana Optical Network Initiative (LONI). The LONI Institute (<http://institute.loni.org/>) is a bold new inter-university collaboration with a focus on Computational Biology. Suitable candidate may be appointed a LONI Institute Fellow. LSU is part of the national TeraGrid. For additional information visit our departmental website: <http://csc.lsu.edu>.

We encourage applications from women and minorities. Rank and salary will be commensurate with qualifications and/or experience. An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is July 15, 2010 or until candidates are selected. Please arrange to have three letters of references, complete resume, teaching and research statements along with few selected publications submitted at www.lsusystemcareers.lsu.edu (Position # 034189).