

## **Faculty Positions in the School of Engineering and Institute for Systems Genomics**

The recently established Institute for Systems Genomics ([www.ISG.uconn.edu](http://www.ISG.uconn.edu)) and the School of Engineering at the University of Connecticut invite applications for multiple tenure-track faculty positions at the assistant, associate or full professor level, with an expected start date of August 23, 2014. The research specialties of interest include, but are not limited to, computational biology, bioinformatics, systems biology, big data analysis, genomics data interpretation and visualization, biological databases, biomedical literature mining and related areas. Successful candidates will be expected to actively engage in collaborative research projects and teach in the new Institute-based graduate programs.

### **About the Institute for Systems Genomics**

The University of Connecticut recently established the Institute for Systems Genomics ([www.ISG.uconn.edu](http://www.ISG.uconn.edu)) to coalesce the interdisciplinary research strengths of 10 schools and colleges at the university ([www.uconn.edu](http://www.uconn.edu)) and the Jackson Laboratory ([www.Jax.org](http://www.Jax.org)). The Institute leverages the significant investment from the state, including the \$865M Bioscience CT initiative, \$172M Tech Park program, the \$200M Bioscience Innovation Fund, and \$1.7B Next Generation CT.

These are 9-month tenure-track positions with an expected start date of August 23, 2014. The successful candidates will have a primary academic appointment in the appropriate department within the School of Engineering and a joint appointment in the Institute for Systems Genomics. Primary assignment will be at the Storrs campus with the possibility of work at UConn's regional campuses across the state. Salary and rank will be commensurate with qualifications.

### **Primary Duties**

The successful candidates will:

- Develop, sustain, and grow an externally funded research program of excellence through collaboration and engagement with the Institute for Systems Genomics research community.
- Teach undergraduate and graduate courses that meet the curricular needs of the School of Engineering and Institute of Systems Genomics
- Advise and mentor undergraduate and graduate students.
- Provide service and leadership to all units of the University of Connecticut, to external academic and scientific communities, and to the general public.

### **Minimum Qualifications:**

1. Completion of all requirements for a Ph.D. in an appropriate field, with an emphasis on computing and genomics, by the time of the appointment. Equivalent foreign degrees are acceptable.
2. A background that provides preparation for teaching excellence in undergraduate and graduate courses
3. Excellent record of research accomplishments in specialty research area
4. Excellent oral and written communication skills.
5. Strong interpersonal skills.
6. Demonstrated success in original research, and publication of that work in archival journals.
7. Experience with oral presentations at national or international scientific meetings.

### **Preferred Qualifications:**

1. -Possess the ability to contribute to the diversity and excellence of the learning experience through research, teaching and/or public genomic literacy engagement
2. -Relevant teaching experience
3. -Record of developing research grant applications to federal funding agencies
4. -Record of collaboration with industry.

Please apply online using Husky Hire (<http://www.jobs.uconn.edu>) to submit a cover letter, curriculum vita, list of references, research plan and teaching statement and other applicable materials. Please reference search 2014471. The required submission format is a single PDF file in the order listed. Review of applications will begin immediately. Employment of the successful candidate will be contingent upon the successful completion of a pre-employment criminal background check.