# UNIVERSITY of IOWA CARVER COLLEGE OF MEDICINE

University of Iowa Health Care

*Department of Internal Medicine*

*Roy J. and Lucille A.*
*Carver College of Medicine*
*200 Hawkins Drive, E400J GH*
*Iowa City, IA 52242-1081*
*319-356-1768* **Tel**
*318-384-8557* **Fax**
*www.uihealthcare.com*

## Computational Postdoctoral Fellow

We are seeking an enthusiastic candidate who is interested in developing computational algorithms to model epigenetic regulatory mechanisms of gene expression.  The Tan lab has pioneered multiple computational algorithms for regulatory genomics, epigenomics, and network biology. The candidate will have the opportunity to work on several projects funded by the National Institute of Health. The candidate will have ample opportunities to collaborate with our institutional and external collaborators.

The applicants should have a Ph.D. degree in computational biology or a related discipline (computer science, statistics, biology, physics, and mathematics). Strong computer programming (C/C++, perl/python, Matlab, R) and analytical skills are essential. An established track record (as evidenced by publications in peer-viewed journals) in biological sequence and network analyses is a significant plus.

The University of Iowa has a large and dynamic community of bioinformatics and informatics researchers and students. The Carver College of Medicine of University of Iowa is among the top ten public medical schools in National Institutes of Health funding. The Department of Internal Medicine house internationally and nationally recognized centers across the biomedicine disciplines.

The University of Iowa is situated in Iowa City, Iowa, a medium-sized mid-western city of approximately 75,000 people.  Iowa City is culturally very rich, maintaining outstanding communities in the arts, sciences, and literature. USA Today listed Iowa City as the third best-educated city in the nation and Forbes Magazine ranked Iowa City among the top 10 small metropolitan areas for business. Iowa City is a safe and inexpensive place in which to live with a quick and easy commute to the University from anywhere within the city.

Interested candidates please send a CV, a cover letter stating research interests and qualifications, and references to Dr. Kai Tan, 3292 CBRB, Department of Internal Medicine, University of Iowa, Iowa City, IA, 52242, or email: kai-tan@uiowa.edu.