



TEXAS A&M

HEALTH SCIENCE CENTER
COLLEGE OF MEDICINE

**Postdoctoral Associate in Computational Systems Biology at
Texas A & M HSC College of Medicine**

The laboratory of Vincent VanBuren, PhD, part of the newly established Department of Systems Biology and Translational Medicine in the College of Medicine, Temple, Texas, seeks a Postdoctoral Associate in the broadly defined area of computational systems biology to work in one or more of the following areas: development of novel analyses of microarray data or biological sequence information, reconstruction of biological networks from high-throughput data, or molecular-level simulations of biological systems. Prospective candidates must hold a PhD in a related field, have skills in computer programming and mathematics, have expert knowledge of molecular biology, and must effectively interact with a diverse population of students, faculty, and staff. Additionally, candidates with skills in one or more of the following specific areas will be favorably considered: MATLAB, Perl, R/BioConductor, C/C++, JavaScript, Ruby on Rails, Web development, high performance computing with Rocks clusters and/or Apple Workgroup clusters, structural equation modeling, Bayesian inference, DNA microarray analysis, biochemical simulations, linear algebra, differential equations, data mining, and database management. See <http://vanburenlab.tamhsc.edu> to learn more about ongoing projects. Interested candidates should send a letter of interest, curriculum vitae, and contact information for three references to: **vanburen@tamu.edu, or by regular mail to: Dr. Vincent VanBuren, Assistant Professor, Department of Systems Biology and Translational Medicine, Texas A&M Health Science Center, 702 SW H.K. Dodgen Loop, Temple, TX 76504.** You may also apply online at <http://jobs.tamhsc.edu>.

Texas A&M Health Science Center is an equal opportunity employer. Employment is contingent upon background check with the Texas Department of Public Safety.

Additional keywords: bioinformatics, computational biology, gene regulatory networks, postdoctoral fellow

[posted July 23, 2008]