Postdoc position in Bioinformatics at Virginia Tech

May 10, 2005

A post-doctoral research associate position in bioinformatics is available immediately at Virginia Tech. The research will focus on the development and implementation of algorithms in structural bioinformatics:

After the completion of the human genome project, major efforts are focused on structural genomics initiatives. With the rapid growth of the number of known protein structures, computational analysis of molecular structures and interactions is increasingly important. In particular, computational prediction of molecular interactions is a crucial component of drug design. There is a pressing need for efficient and accurate algorithms for problems arising in the area, such as molecular conformations generation, flexible molecule alignment, protein binding site prediction and molecular docking.

Candidate Qualification:

- Recent Ph.D. in computer science with strong background in algorithms
- Excellent programming skill
- Interested in bio-medical sciences (prior knowledge of biology/chemistry is preferred but not required)

This will be a good opportunity to apply your algorithmic skills to solve the real problems arising in bio-medical sciences.

To apply, please send CV and 3 reference letters to Vicky Choi (vchoi@cs.vt.edu). Inquiries may also be sent to the above address.