

Research Assistant Positions in Computational Biophysics

Two research assistant positions are now available in the Computational Biophysics Group led by Dr. Wenjun Zheng at the Department of Physics of University at Buffalo.

Job description: using computer-based molecular modeling and simulation techniques to investigate the structural motions underlying the workings of molecular motors like myosin and kinesin. For more information, please visit <http://www.buffalo.edu/~wjzheng>.

Candidates should have a strong background in the following areas:

1. Mathematics: multi-variable calculus, algebra (matrix operations, solving eigen problems, etc);
2. Physics: classical mechanics, thermodynamics and statistical mechanics;
3. Programming: C (or Fortran), Matlab, Linux;
4. Others: basic biochemistry.

Opportunities for independent study are always available to highly motivated students interested in computational biophysics research.

Please contact

Dr. Wenjun Zheng
Rm. 227, Fronczak Hall
Tel: (716) 645-2017 ext. 107
Email: wjzheng@buffalo.edu