

## POSITION ANNOUNCEMENT

**POSITION:** Research Associate  
**POSITION CODE:** **BCAT:** 00470X  
**DEPARTMENT:** Natural Sciences  
**SALARY RANGE:** Up to \$28,000 Annually (Sponsored Funds)  
**APPLICATION DEADLINE:** November 12, 2009 or until filled

### QUALIFICATIONS:

Master's degree required; PhD preferred in the field of computational chemistry or closely related; strong background in molecular modeling and/or electronic structure methods, familiarity with common modeling packages, are desirable; knowledge of Linux/Unix language; deep understanding of quantum mechanics and classical molecular dynamics; programming skills, experience with high-performance computing, QM/MM and ab initio MD is a plus; good analytical and communication skills.

### ILLUSTRATIVE EXAMPLES OF WORK:

- Performs molecular dynamics simulation for the bio-nano system
- Applies quantum mechanics methods to analyze the non-covalent interactions between biomolecules and nano systems
- Writes scientific report and publishable articles
- Helps supervise undergraduate students and performs general lab duties
- Manages computers and software in the computational chemistry lab
- Performs other duties, as assigned.

### APPLICATION REQUIREMENTS:

Current federal law requires identification and eligibility verification prior to employment. Only U.S. citizens and aliens authorized to work in the United States may be employed. In the event a degree is required, official transcripts will be necessary upon employment. Interested candidates should submit an application and resume:

**Human Resources Management  
Albany State University  
504 College Drive  
Albany, GA 31705**

**DD:** 10/29/09