

We are currently seeking for a **Scientist (post-doctoral researcher) for the Department of Material Sciences and Process Engineering, Institute for Molecular Modeling and Simulation.**

Full time

Duration of employment: 01.05.2010 – 30.04.2012

### **Duties and Responsibilities**

- ✿ The successful candidate will take part in the research projects at the new institute of Molecular Modeling and Simulation. The research project focuses on the novel simulation methodologies and force field parameterization of important molecular entities. In particular, ionic substances relevant in soil research will be explored.
- ✿ The candidate is expected to support running research projects in the institute and to independently perform projects of his/her own.
- ✿ The candidate is expected to support student projects and to take part in scientific discussions at the institute
- ✿ The candidate will be encouraged to prepare / support applications for additional funding.

### **Minimum of Qualification**

- ✿ The successful candidate has a PhD degree in Chemistry, Physics or a related subject with emphasis on computational methods. Experience in classical molecular simulation is required.
- ✿ The candidate has shown to be able to perform independent research and to collaborate in joint research projects.
- ✿ He/she is able to present results clearly in written and oral format, as demonstrated by relevant publications and participation in (international) conferences.

### **Further Qualifications**

- ✿ Extensive knowledge of force fields and experience in force field calibration and validation is advantageous.
- ✿ Good knowledge of physical chemical processes and theory will also be valued positively
- ✿ The candidate is expected to be fluent in English.

Date of publication: 15.3.2010

Closing date for applications: 5.4.2010

University of Natural Resources and Applied Life Sciences Vienna intends to increase the proportion of its female personnel. Qualified women are therefore explicitly invited to submit applications. In the case of equal qualifications, women will be given preferential consideration for employment unless reasons specific to an individual male candidate tilt the balance in his favour.

Please send your job application to the department of human resources at the University of Natural Resources and Applied Life Sciences, 1190 Vienna, Peter-Jordan-Straße 70; E-Mail: [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at). (**reference code: 26**)

We don't refund travel costs to the job candidates.

**[www.boku.ac.at](http://www.boku.ac.at)**

**Vice rector of strategic development:**  
Univ.Doiz. DI Dr. Georg Haberhauer, MBA