

## PhD position offered at

BOKU - University of Natural Resources and Life Sciences, Vienna Dept. of Chemistry, Division of Analytical Chemistry, VIRIS Laboratory – Analytical Ecogeochemistry

(Reference Code: 141)

Extent of employment: 30 Hours per week

Duration of employment: as soon as possible for three years

Classification under the collective agreement, §49, of the university: B1

Work place: BOKU Campus at Tulln / Donau (Konrad Lorenz Straße 24, A-3430 Tulln)

### Job description

We offer a three-year PhD position for the topic '**Using non-traditional stable isotopes for determining the origin of fish and food**' within the new and emerging field of 'Analytical Ecogeochemistry'. The project aims at the development and application of advanced protocols for the analysis of different fish hard parts and selected food samples, including a differentiation between conventionally and organically produced products.

Elemental and isotopic analyses will be conducted mainly by inductively coupled plasma mass spectrometry (ICP-MS), with wet and dry (laser ablation) sample introduction systems. The PhD student will work in close cooperation with other PhD students and a postdoctoral researcher who are also employed at the VIRIS laboratory.

Research tasks include the development and optimization of analytical protocols and analyses of different hard parts of fish and selected food samples, and the publication of the results in peer-reviewed scientific journals. A research stay of the PhD student with one of our international collaborators (e.g. Taiwan, Norway) is possible within the project.

The PhD student will be supervised by Dr. Thomas Prohaska, Professor of Analytical Chemistry, and DI Dr. Andreas Zitek, MSc, postdoctoral researcher at the VIRIS Laboratory.

### Desired Qualifications

- ❖ MSc in Analytical Chemistry or related fields
- ❖ Sound knowledge of Chemistry
- ❖ Knowledge of the applied techniques as an asset
- ❖ Excellent command of English
- ❖ Excellent skills in scientific writing
- ❖ Stress resilience, reliability
- ❖ Social skills and teamwork abilities

### Application must contain

- ❖ CV
- ❖ Letter of motivation
- ❖ Two letters of recommendation

Date of publication: 20.10.2011

Closing date for applications: 31.12.2011

The University of Natural Resources and Life Sciences, Vienna (BOKU), 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; email: [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at), reference Code: 141.

We don't refund travel costs to job candidates. Job interviews may be conducted via telephone or skype.

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

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