

Faculty Position in Biogeology

Department of Earth and Environmental Sciences

Université Libre de Bruxelles

Description

The Department of Earth and Environmental Sciences (DSTE) of the Université Libre de Bruxelles (ULB) invites applications for a faculty position in biogeology starting October 1st, 2010. The scientist will complement DSTE's existing programmes in chemical geodynamics, petrology, mineralogy, volcanology, isotope geochemistry, sedimentology, basin geodynamics, chemical oceanography, aquatic geochemistry, glaciology, and biogeochemical and Earth system modelling.

All applicants must hold a PhD in Earth Sciences or related disciplines. A significant postdoctoral experience (outside the country where the candidate has obtained his/her PhD) is required. The vacant position is intended for candidates with a well-established expertise in the area of biogeology or biogeosciences. The successful candidate, working in synergy with other faculty members of the DSTE and the ULB, will be called upon to develop an international research network.

The DSTE would like to develop a strong, innovative and interdisciplinary research in areas devoted to interactions between the geosphere and biosphere of the Earth system. We seek candidates who have developed a research of international visibility on the origin and evolution of life and their feedbacks on atmosphere-carbon-climate system at geological time-scales, in particular the extreme climate change events that have punctuated the Earth history. More broadly, we are looking for candidates with an expertise in biogeology, organic geochemistry, biomineralisation, geomicrobiology, and/or biogeochemistry of carbon and associated elements. We are also primarily interested in applicants who could assist in the interpretation and integration of geobiological records (e.g. stable isotopes) in Earth system models dedicated to paleoclimate studies.

The selected candidate will take part in teaching activities in the Bachelor and Master programs in Earth Sciences by ensuring basic courses in geology and by developing new courses in the above-mentioned areas. He/she should progressively increase his/her teaching activities to reach a level comparable to that of his/her colleagues (typically 4 or 5 hours a week for two semesters, plus supervision of exercise sessions). For candidates not fluent in French, a temporary period of teaching in English may be granted.

If the successful candidate is neither already employed by ULB nor employed by the Fonds National de la Recherche Scientifique and working at ULB, the appointment will first be made for a duration of three years. At the end of this period and subject to the approval of the Board of Trustees of the University, a tenured position will be offered.

How to apply ?

Applications should be sent as soon as possible and before **31 March 2010** to the following address:

Professor Philippe Vincke
Recteur de l'ULB
ULB CP 130
50 Av F.D. Roosevelt
B-1050 Brussels, Belgium

with subject indicated as: "Vacance en Faculté des Sciences au Département des Sciences de la Terre et de l'Environnement".

An electronic copy of the application should be sent to Prof. Martine Labbé (annick.gerlache@ulb.ac.be), Dean of the Faculty of Sciences and Prof. Lei Chou (Lei.Chou@ulb.ac.be), Chair of the Department of Earth and Environmental Sciences.

The application should consist of (i) a curriculum vitae including a complete list of publications (see example <http://www.ulb.ac.be/tools/CV-type.rtf>), (ii) a description of the candidate's pedagogical project, (iii) a description of the research project that the candidate intends to pursue in the coming years, (iv) a text presenting the (up to five) most significant publications of the candidate and (v) a copy of these most significant publications. Please provide also three letters of recommendation.

The candidates are invited to use the standard model of curriculum vitae proposed at ULB. This model can be downloaded at the following website:

<http://www.ulb.ac.be/facs/sciences/admin/docs-admin/Cvtype.rtf>

Additional information:

As stated by its statutes, the University of Brussels is a non discriminating institution and all its members are expected to adhere to its fundamental principles. For any additional information (e.g. concerning courses to be taught or the research carried out in the Department), please contact Prof. Lei Chou (Lei.Chou@ulb.ac.be), Chair of the Department of Earth and Environmental Sciences (<http://www.ulb.ac.be/sciences/dste/>).