



NOTICE

BASIC INFORMATION

Position available within the research project entitled: "A computational approach to understanding the structural loading of bird wings: implications for flight evolution and biomimetics", project number PN-III-P4-ID-PCE-2016-0572

Title*: *Msc student (Biologist/Geologist)*

Offer Description*: The role of this job is within the context of the BIRDWING project; the overarching theme of this 30 month research project is to reconstruct the shape of the wings of birds in two- and three-dimensions and to understand the evolution of wings and feathers.

This MSc student project is focussed on the fossil record of avian feathers and wing shapes. The aim of this aspect of the project will be collect and collate relevant data from the known fossil record of feathers and birds in order to present an analysis and/or review of our knowledge of feather and wing shape evolution/basal conditions. This will be accomplished via museum collection visits and use of the relevant literature and images. The goals of this aspect of the research project are to: (1) collect data from the fossil record relating to preserved feathers and wing shapes; (2) analyze these data in a deep-time phylogenetic context. The **MSc student** will also be responsible for presenting project outputs at conferences and assisting with writing papers and reports.

Researcher Profiles *: *(se bifează opțiunea dorită)*

- | | |
|---|---|
| <input checked="" type="checkbox"/> First Stage Researcher (R1) | <input type="checkbox"/> Recognised Researcher (R2) |
| <input type="checkbox"/> Established Researcher (R3) | <input type="checkbox"/> Leading Researcher (R4) |

Research field *:

Type of Contract*:

Job Status *:

Hours Per Week*: *40 hours/week*

Application Deadline *: 25.09.2017

Envisaged Job Starting Date: (se va trece data de începere a activității – opțional)

Is the job funded through a EU Research Framework Programme? *

Not funded by an EU programme

Is the Job related to staff position within a Research Infrastructure? (se bifează opțiunea)

How to Apply *: website

Internal Application form needed (.pdf files) (se bifează opțiunea, dacă este cazul)

HIRING INFO & WORK LOCATION

Number of positions available *:1

Company/Institute *: Babeş-Bolyai University, Faculty of Biology and Geology

Department *: Geology

REQUIREMENTS

Required Education Level (se completează unul sau mai multe câmpuri, după caz)

Main Research Field *: Biological sciences

Level *: Bachelor Degree or equivalent

Main Research Field *: Geosciences

Level *: Bachelor Degree or equivalent

Skills/Qualifications: Paleobiogeology, Evolutionar Biology, Biomechanics

Specific Requirements: A BSc diploma in relevant discipline.

Required Languages (se completează unul sau mai multe câmpuri, după caz)

Language *

Level*

Language *

Level*

Required Research Experience (se completează unul sau mai multe câmpuri, după caz)

Research Field *

Years of Research Experience *

Research Field *

Years of Research Experience *

ADDITIONAL INFO

Website for additional job details: (câmp opțional)

Benefits: (câmp opțional)

Eligibility criteria: (câmp opțional)

Selection process: (câmp opțional)

Additional comments: (câmp opțional)