



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*: Research assistant - *Phd student*

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 PhD student project aims to consider the outline of bird wing shapes, including aspect ratio, and how they relate to flight styles across broad phylogeny. This will be accomplished via data collection in museums and by accessing bird carcasses from ornithological societies and collectors. In order to perform this role experience in anatomy, ornithology, biomechanics, and the use of imaging and measuring techniques will be required. The goal of this research project are to: (1) collect a comprehensive data series that encompasses the wing shapes of living birds in two-dimensions (from museum collections and other sources); (2) refine currently available definitions for flight styles in birds; (3) present an analysis of these data in a phylogenetic context, including aspects of the fossil record. The **PhD student** will also be responsible for presenting project outputs at conferences and assisting with writing papers and reports.

Researcher Profiles *:

- | | |
|---|---|
| <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*:

* - Câmpuri obligatorii

Job Status *:

Hours Per Week*: 20 hours/week

Application Deadline *: 19.06.2019

Envisaged Job Starting Date: 01.07.2019

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

Is the Job related to staff position within a [Research Infrastructure](#)?

How to Apply *:

Contact person*: Dr. Gareth J. Dyke

E-mail adress*: garethdyke@gmail.com

Internal Application form needed (.pdf files)

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

Main Research Field*:

Level*:

Main Research Field*:

Level*:

Skills/Qualifications: Geology, Statistics

Specific Requirements: 2 years research experience, Msc diploma in a relevant discipline, PhD student in geosciences

Required Languages

Language *

Level*

Language *

Level*

Required Research Experience

Research Field *

Years of Research Experience *

Research Field *

Years of Research Experience *

ADDITIONAL INFO

Email for additional job details: For additional details and bibliography please contact garethdyke@gmail.com

Selection process: analysis of CV and additional documents proving the required skills and experience. The selected candidates will be invited for interview.