

**RESEARCH FELLOW IN SENSORY BIOLOGY: " EVOLUTION OF ACOUSTIC COMMUNICATION**

**IN FOSSIL AND EXTANT INSECTS"**

School of Life Sciences

Location: Lincoln

Salary: From GBP 31,342 per annum

This post is fixed term for 3 years

**Closing Date: " Wednesday 13 August 2014**

Interview Date: Friday 22 August 2014

Reference: COS109

The University of Lincoln is a forward-thinking, ambitious institution

and you will be working in the heart of a thriving, beautiful, safe and

friendly city. The School provides a stimulating environment for academic

research, and is based in high quality, newly developed facilities.

The University of Lincoln opened a School of Life Sciences in 2012 and

a School of Pharmacy in 2013. As part of a major programme of investment

we have recently recruited 21 outstanding and inspirational men and women

with the research excellence, drive and ambition to be leaders in their

chosen fields, who joined a strong team of established staff. We offer a

very exciting interdisciplinary and supportive environment for providing

excellence in research and teaching. In 2014 we will move to a newly

refurbished and equipped science building, part of the University's

substantial commitment to provide the science infrastructure to match

our ambition.

We are now seeking to appoint a Research Fellow in Sensory Biology

(bioacoustics and biomechanics). This is a 3-year Leverhulme funded

project, focused on the evolution of acoustic communication in extant

and living bushcrickets.

We are looking to recruit an individual within the specialism of

animal acoustic communication and hearing, with demonstrable skills in

signal processing, 3D computer modelling, and micro and nano CT-scanning

techniques, and good knowledge of Laser interferometry. Ideally you will

also be able to demonstrate skills in Matlab and Labview programming,

and literacy with the softwares AMIRA and AVIZO. You will be expected

to contribute to the development and completion of a Leverhulme-funded

research project, to expand the PI research group collaborative

networking, and to mentor a PhD student, and other students.

If you would like to be part of shaping our world-class vision to make

a real difference and would like to know more about this opportunity,

please contact Dr. Fernando Montealegre-Z, Senior Lecturer via telephone

01522 83 5460 or email [fmontealegrez@lincoln.ac.uk](mailto:fmontealegrez@lincoln.ac.uk) .

More information can be found in the following links:

<http://bioacousticssensorybiology.weebly.com/opportunities.html>

Apply online:

<http://jobs.lincoln.ac.uk/vacancy.aspx?ref=COS109>

As a member of the Athena SWAN Charter we are committed to advancing

gender equality in STEM, therefore female applicants are strongly

encouraged to apply.

Dr. Fernando Montealegre-Z., B-MSc, PhD

Senior Lecturer in Zoology (Assistant Professor)

Biomechanics and Sensory Biology

School of Life Sciences

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<http://bioacousticssensorybiology.weebly.com/>

ROYAL SOCIETY SUMMER EXHIBITION 2014

<http://www.youtube.com/watch?v=Toe7XZ3dBT4>

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