



## **Lecturer in Geoscience**

**College of Science and Engineering**

**Department of Geology**

Salary Grade 8 - £36,298 to £44,607 per annum

Open ended contract

Ref: SEN00372

**At Leicester we're going places. Ranked in the top 20 universities in Britain our aim is to climb further. A commitment to high quality fused with an inclusive academic culture is our hallmark and led the Times Higher Education to describe us as "elite without being elitist".**

**We wish to appoint an excellent researcher and teacher to the position of Lecturer in Geoscience. The successful candidate will join our lively and dynamic Department of Geology, which is internationally recognised for its research and teaching. You will already have an excellent academic research record, including peer-reviewed, high quality publications, and your work will enhance existing areas of research in the Department. In addition you will be able to demonstrate potential to secure research funding, to develop innovative research, and to undertake teaching, including practical classes and fieldwork at all levels. A strong commitment to research and teaching is essential.**

**The post will start no later than 31 October 2013.**

---

### **Your Role**

You will be responsible to the Head of the Department of Geology for research, teaching, administration and other activities supporting the work of the Department and developing and enhancing its reputation, both internal and external to the University, both nationally and internationally.

### **Context**

Geology at Leicester embraces geosciences, including geophysics, and is a dynamic and thriving department committed to excellence in research and teaching. The department has a strong international reputation and now wishes to strengthen its research through the appointment of an excellent researcher who can enhance and develop our research strengths but also contribute to our innovative and student-centred teaching.

The Department, founded over 50 years ago, has 21 academic staff, 3 academically-related staff, 14 support staff, approximately 300 full-time undergraduate students, 20 distance learning students, 40 PhD students, and 14 research fellows, associates and assistants. The Department has an excellent range of in-house analytical and interpretation facilities with access to extensive laboratories, workshops and expertise both in house and across the College of Science and Engineering. Considerable investment and refurbishment of both research and teaching facilities provides a very stimulating and pleasant working environment for staff and students. We have strong links with researchers worldwide, with industry and with the British Geological Survey (BGS) 19 miles to the north of Leicester at Keyworth, Nottingham. Our formal links to BGS, with joint appointments, include the NERC Isotope Geosciences Laboratory (NIGL) and the Rock Physics Laboratory.

**Research** in the department covers a wide range of topics and we wish to appoint an excellent researcher to enhance and to develop our research in one or more of the following areas:

- Palaeobiology
- Palaeoenvironments & Palaeoclimate
- Resource and Environmental Geology
- Sedimentology
- Solid Earth Geophysics, including Rock Physics & Petrophysics
- Tectonics and Crustal Evolution
- Volcanic and Magmatic Processes

These research areas are structured into 3 research groups for administrative purposes: Crustal Processes; Palaeobiology, Palaeoenvironments, & Palaeoclimate; and Geophysics & Borehole Research.

In addition the Department hosts the seismic equipment node of the NERC Geophysical Equipment Facility (SEIS-UK) and through our participation in the Integrated Ocean Drilling Program (IODP) we provide worldwide support and expertise in the fields of downhole logging, core petrophysics and core-log integration. Increasingly collaboration across the College and University, and with external institutes and organisations, including industry, is encouraged.

Further details on research and facilities are at [www.le.ac.uk/gl/re](http://www.le.ac.uk/gl/re) and [www.le.ac.uk/gl/analytical](http://www.le.ac.uk/gl/analytical)

We offer a range of fully-accredited undergraduate 3-year BSc and 4-year MGeol courses and the department is well known for its field-based approach to geoscience teaching and for its student centred approach to teaching.

Further information on the department is available at: [www.le.ac.uk/gl](http://www.le.ac.uk/gl)

## Principal Accountabilities

### Research

- To undertake individual and collaborative research of the highest quality, consistent with the Departmental objective of all academic staff attaining an internationally recognised research profile
- To secure external sources of funding to support research, either individually or in partnership with colleagues within and outside the University that will deliver outputs of international excellence

- To publish research outputs and to disseminate the results of research and scholarship in internationally recognised high quality peer-reviewed journals
- To manage research projects within the University, including their financial control and to supervise research assistants and research students
- To attend and present research findings and papers at academic and professional conferences, and to contribute to the external visibility of the Department and University, consistent with the resources available and departmental and other obligations,
- To ensure that all research activities undertaken are in compliance with the 'Research Code of Conduct' operated by the University

### **Teaching**

- To give lectures, seminars, tutorials and other classes – including practical and field classes - as appropriate, in support of the required teaching obligations, and to supervise or co-supervise project work by undergraduate and postgraduate students
- To ensure that student feedback on teaching is sought, through questionnaires and other means, and to respond constructively to such feedback and to advice from peers
- To maintain a broad knowledge of up-to-date research and scholarship in relevant fields to ensure that teaching meets the standards expected within a research-led University
- To co-operate with colleagues in the review and development of the curriculum and in the design and launch of new courses, new degrees or other academic awards where appropriate
- To undertake academic duties (e.g. setting examination papers, marking, invigilation and pastoral support of students) required to sustain the delivery of high-quality teaching and an excellent student experience
- To support and comply with the University and Department teaching quality assurance standards and procedures, including the provision of such information as may be required by the Department, College or the University
- To undertake activities in support of developing graduate employability

### **Administration**

- To undertake such specific Department roles and management functions as may be reasonably required by the Head of Department (or such person(s) to whom responsibility may have been delegated)
- To attend Department meetings and to participate in other committees and working groups within the Department of Geology, the College of Science and Engineering, and the University, to which appointed, elected or requested
- To participate in relevant professional activities
- To engage in continuous professional development, for example, through participation in relevant staff development programmes
- To undertake, subject to agreement of the Head of Department and/or the University as appropriate, external commitments, which reflect well upon and enhance the reputation of the University
- To ensure compliance with health and safety requirements in all aspects of work

The duties and responsibilities outlined here are not intended to be an exhaustive list, but provide guidance on the main aspects of the post.

## Person Specification

Criteria (Essential criteria marked *)	Method of Assessment
<b>Qualifications</b>	
A PhD in Geoscience or equivalent degree in a closely related subject*	Application
<b>Research experience</b>	
Evidence of recent high quality research output at internationally recognised standard in geoscience *	Application (Publications)
Evidence of ability to initiate, develop, and deliver high-quality research with a clear future research strategy*	Application (Statement)
Knowledge and experience that enhances research within the department *	Application (Statement)/Interview
Success in attracting external research funds	Application/Statement
Evidence of relevant industry experience/awareness	Interview
<b>Teaching experience</b>	
Experience or potential for high quality teaching at undergraduate and/or postgraduate level	Application(Statement)/Presentation/ interview
Successful record of supervising student research projects (undergraduate or postgraduate)	Application/Statement
<b>Personal and Interpersonal qualities</b>	
Good effective communication (oral and written) and presentation skills*	Application/Interview
Evidence of an ability to work independently and in a team *	Application/Interview
Evidence of an ability to plan, organise, implement, and deliver programmes of work*	Application/Interview
Good interpersonal skills	Presentation/Interview
<b>Circumstances</b>	
Ability to commence employment by 31 <sup>st</sup> October 2013	Application /Interview

## Athena Swan

We are working towards, and will submit shortly, an application for the Athena Swan Bronze Award which recognises and celebrates good practice for employment in science, engineering and technology (SET) in higher education and research. This reflects our commitment to the advancement and promotion of diversity and equality. <http://www.athenaswan.org.uk/html/athena-swan/>

## Informal Enquiries

Informal enquiries are welcome and should be made to Professor Mike Lovell on [hodgeology@le.ac.uk](mailto:hodgeology@le.ac.uk) or 0116 252 3798. An information pack on the research interests of the academic staff is available from Gail Andrews, email: [ga16@le.ac.uk](mailto:ga16@le.ac.uk).

For further information about the University, please visit our website: <http://www2.le.ac.uk/offices/jobs/here>

## Applications

For further information and to apply on-line, please visit our website: [www.le.ac.uk/joinus](http://www.le.ac.uk/joinus)

We use a web based, e-recruitment system, which allows you to apply on-line. **Please upload a copy of your CV which must include a full list of your publications, with four potential REF returnable outputs identified.** Please also supply the names and addresses of three referees, one of which should be your current or most recent employer.

**The closing date for this post is midnight on 7 July 2013.**

**We anticipate that assessments will take place over two days, 25 and 26 July 2013.**

Candidates short-listed for interview will be contacted by the University. If you do not receive a communication from the University within 4 weeks of the closing date, please assume that your application has been unsuccessful.