Vacancy Details

Lecturer/Senior Lecturer in Plant Physiological Ecology

Vacancy Ref: 043775  
Closing Date: 21-Jun-2018

Contact Person: Emma Blacklock  
Contact Number: 0131 650 5851

The School of GeoSciences, University of Edinburgh, is seeking to appoint a Lecturer or Senior Lecturer in Plant Physiological Ecology. We seek to recruit an outstanding colleague with either an established or an emergent profile in measurements of plant physiology linked to ecological processes such growth, water use, gas exchange or carbon cycling. The appointee will provide leadership in research and teaching in areas of global change effects on plant metabolism. The post-holder will be expected to:

- pursue an independent research programme of at least nationally excellent quality and to undertake high quality interdisciplinary research;
- deliver and develop teaching at UG and PG levels (including supervision of PhD students);
- undertake administrative duties in teaching, student support or university administration;
- secure research funding commensurate with the level of post; and
- engage in impact and knowledge exchange.

The School has a strong reputation for global change research, with research groups investigating the dynamics of the biosphere, cryosphere, oceans, atmosphere and landscapes. The biosphere group contains staff researching biogeography, vegetation ecology, remote sensing of plants, plant process modelling, ecosystem services, plant-soil interactions and food security, allowing excellent opportunities for collaboration. This post will link to two related University initiatives to generate impact from research: the Global Academy of Agriculture and Food Security, and the Centre for Sustainable Forests and Landscapes.

Candidates should hold a PhD in a related discipline, have teaching experience and a publication record commensurate with career stage.

This is full time and an open-ended post which is available from 1st of September 2018 or earlier if possible.

Salary: Lecturer £39,992 - £47,722 / Senior Lecturer £50,618 - £56,950 per annum

Closing Date: Thursday 21 June 2018 at 5pm (GMT)

The School aims to ensure equality of opportunity and holds an Athena SWAN Silver award. We welcome applications from everyone irrespective of gender or ethnic group. As women and members of ethnic minorities are currently under-represented in posts at this level we particularly encourage applications from members of these groups. We also welcome applications from those who would like to consider part-time and/or flexible working. Appointment will be based on merit alone.

1. Job Details

Job title: Lecturer/Senior Lecturer in Plant Physiological Ecology

School/Support Department: GeoSciences

Start date and duration: From 01 September 2018, open-ended contract

2. Job Purpose

To deliver and develop teaching, pursue independent research, engage in knowledge transfer and supervise graduate students. To deliver and develop teaching at all level and undertake administrative duties in teaching, student support or university administration.

3. Main Responsibilities

Research

- To undertake a clearly independent research programme of at least nationally excellent quality and to undertake high quality interdisciplinary research.
- To plan an area of research and secure funding to support it.
- Disseminating and publishing research findings or other innovative contributions through publications, workshops, conferences etc.
- To supervise research students.
- To develop translational research links and derive impact from these.

Additionally, for appointment at Grade 9

- Undertaking a research programme of clear international standing that has significant impact within a particular field
- Demonstrate research leadership, for example creating and developing a reputable research group

Teaching and Learning

- To plan, prepare and deliver effective teaching, both using and updating existing material and developing new coursework. Undertake curriculum development or course reorganisation as appropriate.
- Teach students in field settings, on existing and future field courses.
- Participate in the management of teaching, for example through acting as a Course Organiser or Programme Director.
- Support of student teaching and learning, for example through acting as a Personal Tutor, supporting student recruitment, or contributing to projects or committees at School, College or University level.
- Be involved in enhancing eLearning and on-line teaching initiatives

Additionally, for appointment at Grade 9

- Developing significant innovation in teaching methods and/or developing substantial areas of the teaching curriculum
- Taking a leadership role within the management of teaching, e.g. being a Degree Programme Convenor
- Taking an active part in the strategic development of the School and undertaking significant management roles as requested

The post-holder is expected to be capable of providing leadership in the School’s taught Masters programmes, both on campus and online, as well as teaching on undergraduate programmes (primarily but not necessarily exclusively, within Ecological and Environmental Sciences).

A number of national and international fieldtrips are delivered annually as part of our degree programmes, ranging from day trips or weekends to longer trips of up to a few weeks. The post holder will be required to participate in their fair share of these trips. Occasional weekend and evening working may also be required to support student recruitment activities such as open days.

4. Knowledge, Skills and Experience Needed for the Job

https://www.vacancies.ed.ac.uk/pls/corehrrecruit/erq_jobspec_version_4display_form
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**Essential:**
- A PhD in a relevant area.
- Ability to attract research funding as an independent researcher and a nationally evident reputation for performing quality research. Proven ability to disseminate research results through quality publications and presentations at workshops and conferences.
- Commitment to (and evidence of) excellence in teaching, probably gained through relevant experience of teaching at University level.
- Demonstrable commitment to participating fully in academic life.
- Demonstrable experience of collaborative and interdisciplinary working.
- Ability to engage with a range of teaching mediums; including online and distance learning.

**Desirable:**
- Membership of ILT or completion of a formal tertiary qualification
- Experience of curriculum development

**Additionally, for appointment at Grade 9**
- A research track record of international standing
- A proven track record in securing funding for research
- Evidence of research leadership
- Evidence of excellence in teaching

**Informal Enquiries**

Informal information regarding the post is available from Professor Mat Williams, Head of Global Change Research Institute and Professor of Global Change Ecology (Mat.Williams@ed.ac.uk)

**Application Procedure**

All applicants should apply online by clicking the apply link at the bottom of this page and submitting an up to date CV. The application process is quick and easy to follow, and you will receive email confirmation of receipt of your application. The online system allows you to submit a CV and other attachments.

We anticipate interviews will be held in mid/late July 2018. You will be notified by email whether you have been shortlisted for interview or not.

The closing date is 5pm (GMT) on Thursday 21 June 2018.

**Eligibility to Work**

In accordance with the Immigration, Asylum and Nationality Act 2006 and Immigration Act 2016 the University of Edinburgh, as an employer, has a legal responsibility to prevent illegal working and therefore must check that all employees are entitled to work in the United Kingdom (UK).

To do so, the University of Edinburgh requires to see original documents evidencing right to work in the UK before commencement of employment and this is normally carried out at interview. Details will be provided in any letter of invitation to interview.

For further information on eligibility to work please visit our [eligibility to work webpage](https://www.gov.uk/check-uk-visa).

If you are from outside the EEA and not currently eligible to work in the UK, there are visa routes that may be available to you, for example:

1. **Tier 1 (Exceptional Talent):** If you are an academic in the field of sciences; humanities; engineering; medicine; digital technology; or the arts, it may be possible for you to apply for a Tier 1 (Exceptional Talent) visa. This route requires you to apply to be endorsed as an internationally recognised leader or emerging leader in your particular field by a designated competent body (Arts Council England, British Academy, Royal Academy of Engineering, Royal Society, Tech City UK). However, if you are applying for a senior academic role, e.g. Professor/Reader there is an accelerated route to endorsement. Further information can be found on the [UKVI website](https://www.gov.uk/tier-1-exceptional-talent).

2. **Tier 2:** The University is a UKVI licensed sponsor and is able to issue a Certificate of Sponsorship (CoS) to successful candidates who are offered highly skilled roles and meet the eligibility criteria. The CoS enables candidates to apply for a Tier 2 (general visa).

Further information about whether you require a visa and other visa routes can be found at: [www.gov.uk/check-uk-visa](https://www.gov.uk/check-uk-visa).

**Conditions of Employment**

**Pension Scheme**

This role is grade UE08 or UE09 and therefore the post holder is automatically included in membership of the Universities Superannuation Scheme (USS), subject to the USS membership criteria, unless they indicate that they choose not to join the Scheme.

For further information please visit our [Pensions website](https://www.ed.ac.uk/pensions).

**Salary**

The role at grade UE08 attracts an annual salary of £39,992 to £47,722 per annum and the role at grade UE09 attracts an annual salary of £50,618 to £56,950 per annum for 35 hours each week. Salary is paid monthly by direct transfer to your Bank or Building Society account, normally on the 28th of the month. Salaries for part-time staff are calculated on the full-time scales, pro-rata to the Standard Working Week.

The University reserves the right to vary the candidate information or make no appointment at all. Neither in part, nor in whole does this information form part of any contract between the University and any individual.

**The School of GeoSciences**

In the School of GeoSciences we explore the factors and forces that shape our world. The School’s key goal is to lead in ways of understanding the world at a fundamental curiosity-driven level, and in order to support prescient decision-making at individual to global scales. We aim to undertake world-leading research; offer new ways of understanding the nature and drivers of change; provide inter-and trans-disciplinary innovation in finding solutions; and work in partnership to positively improve livelihoods and socially-equitable and responsibly-managed nature.

With over 500 academics, researchers and research students, we are the largest and most successful interdisciplinary grouping of geoscientists and geographers in the UK. Research activity is currently coordinated within three main Research Institutes – Global Change, Earth and Planetary Science, and Geography and the Lived Environment – and within many smaller research groupings that reach across and beyond the School.

A distinctive feature of the School is the combination of academic strength, breadth and societal relevance, including in natural and social sciences, innovation and impact. Our interdisciplinary research and teaching builds on well-established core disciplines (ecology, environmental sciences, geography, geophysics, meteorology, oceanography) which provides a variety of approaches to understanding the world including system-scale modelling, process studies and the development of urban and social theory. The School’s research covers fundamental ‘blue-skies’ questions, as well as having application to key societal challenges including inequality and vulnerability; urban precarious; nature and cultural meaning; development and sustainability; climate and environmental change; energy, food and water security; health and wellbeing; natural resources; and natural...
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The University of Edinburgh is a charitable body, registered in Scotland, with registration number SC005336.

We are committed to supporting our core disciplines in creating an environment that encourages internal and external collaboration and enables all staff to pursue work of significance, rigour and originality. The School holds a Silver Athena SWAN award in recognition of our commitment to advance gender equality in higher education, and we aim to ensure that our culture and systems support flexible and family-friendly working, while recognising and valuing diversity across all our staff and students.

More details about the School is available from http://www.ed.ac.uk/geosciences

College of Science and Engineering (http://www.ed.ac.uk/science-engineering)

The College of Science and Engineering (CSE) is one of the largest and highest-ranked science and engineering groupings in the UK. Headed by Professor Dave Robertson, CSE comprises seven Schools (Biological Sciences, Chemistry, Engineering, GeoSciences, Informatics, Mathematics, and Physics and Astronomy). Informatics is located in the University’s Central Area near George Square, with the other six 2 miles further south at the King’s Buildings. The College has over 3,000 academic and support staff, and educates some 6,000 undergraduates, over 1000 taught postgraduates and more than 2,000 research students. It is in the front rank of UK university science and engineering groupings for research quality and income, and is a key player in many European and international research collaborations.

Research Excellence Framework (REF) 2014

In the 2014 REF over 95% of our staff were submitted. Of our seven submissions, four of which were as a joint research school in combination with a strategic research university partner through pooling, 3 were ranked top in the UK and all 7 were in the top 5 in their discipline in the Times Higher Power rankings.

The University of Edinburgh

For more than four centuries, our people and their achievements have rewritten history time and again. They've explored space, revolutionised surgery, published era-defining books, paved the way for life-saving medical breakthroughs and introduced to the world many inventions, discoveries and ideas from penicillin to Dolly the sheep. We have believed that anything is possible, we still do. The latest Research Excellence Framework highlighted our place at the forefront of international research. This adds to our international reputation for the quality of our teaching and our student experience excellence. The University is proud of its success with online teaching initiatives, with 2550 students currently studying its online distance learning postgraduate programmes, and a total to date of more than 2 million enrolments for Edinburgh MOOCs.

As a member of staff, you will be part of one of the world's leading universities, with 20 Schools spread over 3 Colleges that offer more than 1600 undergraduate and 600 postgraduate programmes to over 35,000 students each year. Professional services are critical to this success as well as our world-class teaching, research and student facilities. In fact, we are one of the top employers in Edinburgh, with over 13,000 people spread across a wide range of academic and supporting roles.

As a world-changing, world-leading university, we offer an exciting, positive, creative, challenging and rewarding place to work. We give you support, nurture your talent, develop and reward success and integrate academic, professional and personal career goals, as well as give your career the benefit of a great and distinguished reputation. In addition, our employees benefit from a competitive reward package and a wide range of staff benefits, which include generous holiday entitlement, a defined benefits pension scheme, staff discounts and much more. Access our staff benefits page for further information and use our reward calculator to find out the total value of pay and benefits provided.

The University of Edinburgh holds a Silver Athena SWAN award in recognition of our commitment to advance gender equality in higher education. We are members of the Race Equality Charter and we are also Stonewall Scotland Diversity Champions, actively promoting LGBT equality. The University has a range of initiatives to support a family friendly working environment, including flexible working and childcare vouchers. See our University Initiatives website for further information.

University Family Friendly Initiatives

The University of Edinburgh is a charitable body, registered in Scotland, with registration number SC005336.