

THE POST

College: Engineering, Mathematics and Physical Sciences (<http://emps.exeter.ac.uk/>)

Post: Lecturer / Senior Lecturer in Offshore Renewable Energy

Reference No: P44821

Grade: F / G

Reporting to: Dean of College

This full time post is available immediately in the College of Engineering, Mathematics and Physical Sciences.

Job Description:

The University is seeking to develop research expertise in areas of offshore renewable energy technology including:

- Numerical Fluid dynamics/Hydrodynamics
- Oceanography/Resource modelling

and/or;

- Offshore Reliability

The post will contribute to the expansion of the renewable energy research capacity at the University of Exeter's Cornwall Campus; it will also contribute to teaching on our pioneering M.Eng & BSc degree courses in Renewable Energy and, in time, to administrative duties. The post-holder will develop their research interests in collaboration with a successful and expanding group of renewable energy academics who have generated substantial research income in the past three years building up a portfolio of projects in marine renewable energy, smart electrical applications, solar energy and policy research, working at both a UK and international level. The post will broaden and strengthen research in renewable energy and develop research within a multidisciplinary group. The University is currently developing its strategy for a Centre for Energy and the post-holder would be expected to contribute to this strategic initiative. The post is a further expansion in clean technology research in Cornwall arising from the development of a £30 million Environment and Sustainability Institute at the Cornwall Campus.

The post comprises working with established staff and a large group of research fellows, technical support and PhD students, to increase the breadth and impact of the group, the winning and successful delivery of projects and, ultimately, to the publication of research of international significance and contribute to REF assessment. The post-holder should be active in an area of science and engineering with application to offshore renewable energy and demonstrate their commitment to specific renewable energy research.

The College delivers successful BSc & M.Eng programmes in Renewable Energy and it is expected that a strong contribution to the development of these courses will be delivered over time.

Lecturer Job Description

Main duties and accountabilities

- To fulfil research, teaching and administration duties as a Lecturer in renewable energy.
- To extend the research profile of the area of renewable energy, attracting and supervising postdoctorate researchers and postgraduate research students.
- To collaborate with colleagues both within the College and the University of Exeter as a whole in order to develop and support renewable energy programmes and the College's research programme.
- To contribute to the general operation of the College as a member of the academic team.

Research

To conduct independent research and act as principal investigator and project leader, and in so doing:

- Enhance the College's international reputation through research publications of appropriate quantity and quality, and contribute to worldwide debate at national and international conferences, and;
- Win research earnings through carefully prepared and successful grant applications as well as identifying potential income-generating programmes and collaborative partnerships.
- To supervise research projects, managing any dedicated research staff and postgraduate research students, and provide the mentorship to enable staff and students to develop their skills and academic careers.
- To help promote a collegiate working atmosphere and stimulating environment that will attract further research staff of the highest quality as well as good postgraduate research students.
- To contribute to the further and ongoing development of renewable energy research at Exeter, with a focus on their specific area in their specialism.

Teaching

To deliver mainly undergraduate courses to appropriate academic standards such that:

- Knowledge acquired from research translates to teaching
- Students are challenged but also tutored and supported with individual care
- Teaching and learning techniques are innovative and inspiring
- Students are supervised appropriately
- Assessment criteria are appropriate, and fairly applied with results fed back to students appropriately
- Module content is continuously reviewed to identify areas for improvement

General

To contribute to the overall general and academic management in the College by undertaking activities that may be required such as:

- Developing overall academic content and structure of modules with colleagues
- Developing ideas for generating income and promoting both the College in general and in particular renewable energy
- Supporting admissions processes and procedures
- Supporting examinations processes and procedures
- Contributing to the work of College committees
- Contributing to accreditation and quality control processes
- Contributing to strategic planning

This job description summarises the main duties and accountabilities of the post and is not comprehensive: the post-holder may be required to undertake other duties of similar level and responsibility.

Person Specification for Lecturer

The successful applicant will have an independent research programme that will strengthen and complement the existing team at the University. He/she will be able to demonstrate the following qualities and characteristics:

- PhD in a relevant area
- Sufficient knowledge in an area of offshore renewable engineering to develop teaching and research programmes
- A strong record in attracting research funding, or demonstrable potential to attract such funding
- Teamwork skills to work in collaboration with existing group members
- An active and supportive approach to inter-disciplinary and multi-disciplinary research that will help to foster interactions and links both within the University and externally with other educational bodies, professional institutions and employers
- The attitude and ability to engage in continuous professional development
- The aptitude to develop familiarity with a variety of strategies to promote and assess learning
- Enthusiasm for delivering undergraduate programmes

Senior Lecturer Job Description

Main duties and accountabilities

- To fulfil research, teaching and administration duties as a Senior Lecturer in renewable energy.
- To extend the research profile of the renewable energy research group, in an appropriate area, attracting and supervising postdoctoral researchers and postgraduate research students.
- To collaborate with colleagues both within the College and across the University of Exeter to develop and support the broader engineering research programmes within the College.
- To contribute to the general operation of the College as a member of the academic team.

Research

To conduct independent research and act as principal investigator and project leader, and in so doing:

- Enhance the College's international reputation through research publications of appropriate quantity and quality, and contribute to worldwide debate at national and international conferences, and;
- Win research income through identification of opportunities with appropriate research funding bodies, including those operating in the private sector, development of collaborative partnerships and in preparation and submission of grant applications rooted in a deep understanding of current advances in their specialist field.
- To supervise research projects, managing any dedicated research staff and postgraduate research students, and provide mentoring to enable staff and students to meet research targets and to develop their skills and academic careers.
- To help promote a collegiate working atmosphere and stimulating environment that will attract further research staff and postgraduate research students of the highest quality.
- To contribute to the further and ongoing development of renewable energy research at the University of Exeter, with a focus on their specific area on their specialism.

Teaching

To develop and deliver undergraduate courses to appropriate academic standards such that:

- Knowledge acquired from research translates to teaching
- Accreditation by professional bodies is obtained where appropriate
- Students are challenged but also tutored and supported with individual care
- Teaching and learning techniques are innovative and inspiring
- Students are supervised appropriately
- Assessment criteria are appropriate, and fairly applied with results fed back to students appropriately
- Module content is continuously reviewed to identify areas for improvement

General

To contribute to the overall general and academic management in the College by undertaking activities that may be required such as:

- Developing overall academic content and structure of modules with colleagues
- Developing ideas for generating income
- Supporting admissions processes and procedures
- Supporting examinations processes and procedures
- Contributing to the work of College committees
- Contributing to accreditation and quality control processes

Person Specification for Senior Lecturer

The successful applicant will have an independent, internationally-recognised research programme in an active field of renewable energy related or complementary to existing University of Exeter strengths. He/she will be able to demonstrate the following qualities and characteristics:

- A strong record in attracting research funding, or demonstrable potential to attract such funding
- Sufficient knowledge in an area of offshore renewable engineering to develop teaching and research programmes
- Teamwork skills to work in collaboration with existing group members
- An active and supportive approach to inter-disciplinary and multi-disciplinary research that will help to foster interactions and links both within the University and externally
- The attitude and ability to engage in continuous professional development
- The aptitude to develop familiarity with a variety of strategies to promote and assess learning
- Enthusiasm for delivering undergraduate and postgraduate programmes
- A strong record of research grant capture
- Proven academic leadership skills
- Be an externally recognised authority in the broader subject area.

Additional Information Relating to the Post

Informal Enquiries

Before submitting an application you may wish to discuss the post further by contacting Dr Lars Johanning, telephone (01326 253730) or email L.Johanning@exeter.ac.uk.

Salary

Appointments will be made within the salary range £32,267 to £36,298 in grade F for Lecturers or £39,649 to £45,941 in grade G for Senior Lecturers.

An increment will be payable on 1 August each year until the top of the scale is reached (subject to being in post for 6 months and satisfactory performance). The scale will be subject to a cost of living review each year.

Hours of work

There are no specific hours of work but staff are required to work such hours as are necessary to carry out the duties associated with the appointment

Annual Leave

The annual leave entitlement for full-time appointments is 41 days per calendar year (pro rata for part-time appointments). For further information see our website <http://www.admin.ex.ac.uk/personnel/leave.shtml>.

Professional Development Programme (For Lecturers)

New Lecturers at the University of Exeter are appointed to a Professional Development Programme of up to five years providing for progression to Senior Lecturer (grade G), subject to satisfactory performance. Personal goals and objectives will be agreed with the Dean of College to cover the areas of teaching, research, business and community relations, and administration and a structured programme of professional development will be agreed. Further details about the Professional Development Programme can be found at: http://www.admin.ex.ac.uk/personnel/academic_paths/pdp_introduction.pdf together with details of the appropriate targets at:

http://www.admin.ex.ac.uk/personnel/academic_paths/rcp_sciences.pdf

Probationary Period (For Senior Lecturers)

The appointment will normally be subject to a probationary period of one year.

References & Medical Clearance

All appointments are subject to satisfactory reference and medical checks and individuals will be required to complete a medical assessment form before appointment is confirmed. Applicants should note that the University normally contacts referees for short-listed applicants without further advice to applicants. When advising of referees, if they are resident overseas, please ensure you supply fax numbers and/or email addresses enabling us to contact them (if necessary) without delay.

Right to Work in the United Kingdom

If you do not have the right to work in the UK, this appointment will be subject to the University successfully obtaining a Certificate of Sponsorship under the UK's Points Based System for migrant workers and to you obtaining Entry Clearance/Leave to Remain.

For further information, see the links to the UK Border Agency and UK Visas websites at <http://www.exeter.ac.uk/working/new/international/>. In particular you are encouraged to undertake a self assessment of your eligibility to work in the UK using the link to www.ukba.homeoffice.gov.uk/pointscalculator.

Terms & Conditions

The Terms and Conditions of Employment can be viewed on line by visiting <http://www.exeter.ac.uk/staff/employment/conditions/terms/>

Pensions

Membership of the Universities' Superannuation Scheme (USS) is automatic provided that you meet the qualifying criteria for membership.

The USS is a contracted-out scheme and is currently under review. Information about the proposed changes and the effective date of the changes can be found at www.ussconsultation.co.uk

The University, as your employer, contributes such sums as will be required to maintain the full benefits of the scheme. You may opt out of the scheme; if you wish to do so, you should contact the Pensions Manager, Mrs Alison Rose (01392 263088/email a.j.rose@exeter.ac.uk) for further information and to complete the necessary documentation.

The University now operates a Pension Salary Exchange scheme. Under the rules of the scheme, new employees who become members of the pension scheme become eligible to participate in Pension Salary Exchange after three full calendar months of employment. You will automatically participate in the Pension Salary Exchange scheme from the 1st of the month following this date. However, you also have the right to opt-out of Pension Salary Exchange at any time up to the completion of three full calendar months of employment. In the event that you do not wish to participate in Pension Salary Exchange, you should request an opt-out form by contacting the Pensions Office on extension 3088 (or email a.j.rose@exeter.ac.uk).

Further information about Pension Salary Exchange is available from the Human Resources website www.admin.exeter.ac.uk/personnel or from the Pensions Office.

Relocation

You may be able to claim relocation expenses in accordance with the University's Relocation Assistance Scheme. The maximum allowance that you can reclaim under the Relocation Assistance Scheme, if eligible, is 10% of salary.

Short-listing Information

We will acknowledge your application by email. The University of Exeter recognises the time and effort taken to apply for a position and will contact you by email to inform you of results of shortlisting

Application Procedure and Interview Information

The closing date for completed applications is **11 April 2013**.

Applicants are invited to apply on-line via our e-recruitment system. This can be found at www.exeter.ac.uk/jobs . Please quote reference number **P44821** in any correspondence.

Data Protection Act (1998)

The information contained within your application is being requested to enable the University to make employment decisions and meet statutory obligations. Any information provided to the University in this context will be treated confidentially and used only by manager(s), member of the University, Human Resources, Superannuation and Payroll during the course of your employment. Where the application relates to a post which is externally funded this information may be passed onto the relevant funding body.