

Lecturer in Chemistry

Job Ref: REQ17520

As part of the University's ongoing commitment to redeployment, please note that this vacancy may be withdrawn at any stage of the recruitment process if a suitable redeployee is identified.

School/Department summary

The Department of Chemistry is part of the School of Science at Loughborough University. Chemistry currently comprises some 350 undergraduates, 50 postgraduate MSc students, 80 postgraduate research students and approximately 30 members of academic staff, as well as a range of dedicated technical and support staff. Our academic and research staff are nationally and internationally recognised as experts in their chosen fields and as such the majority of our research was rated as internationally excellent in the REF 2014. As a result, the Department is highly active in research and enterprise, with academic staff and research students engaged in many high profile, cutting edge research projects that continue to have a real-world impact in such vital areas as energy, markers and detection, functional molecules, catalysis etc.

For this position, we would specifically encourage applications from candidates whose research experience and direction encompass one (or more) of the many broad facets of physical chemistry (including its interface with biological chemistry). The successful candidate will also be required to teach aspects of physical chemistry at all levels.

Further information about the Department can be found here: <http://www.lboro.ac.uk/departments/chemistry/>, and about the School here: <http://www.lboro.ac.uk/science/>

Job Description

Please note that this is a generic job description for the position of Lecturer.

Job Grade

Research, Teaching and Enterprise Grade 6/7

Job Purpose

To contribute to and enhance the research, teaching and enterprise activities of the School of Science in the area of Chemistry in support of the University Strategy, Building Excellence.

Job Duties

Research

- To pursue a personal research programme consistent with the research priorities of the School of Science that increases the global visibility and reputation of the University.
- To secure external research funding.
- To supervise and manage research projects.
- To publish the outcomes of research in outlets of international standing.
- To attend and contribute to major international conferences.
- To supervise postgraduate students at Masters and Doctoral levels.
- To collaborate in research initiatives with colleagues both within the University and externally.

Teaching

- To work with colleagues in the School to deliver an exceptional learning environment for students.
- To teach and inspire undergraduate and postgraduate students, and to conduct associated assessments.
- To provide academic and pastoral support to undergraduate and postgraduate students.

- To promote the use of a range of methods and techniques in teaching, learning and assessment.
- To engage in the evaluation and development of modules for which you have responsibility, in terms of content, delivery and assessment.
- To be responsible for the design and content of specific areas of teaching and learning within the School's undergraduate and postgraduate programmes.
- To cooperate with colleagues in the continuous review and development of the School's taught programmes and curriculum.

Enterprise

- To engage with business, public and voluntary organisations through knowledge exchange activities such as student projects and placements, research collaboration, consultancy and specialist training.
- To create social, cultural and economic impact from academic, especially research, activity.
- To secure external funding in support of these activities.
- To seek opportunities for the commercialisation of research and the formation of social enterprises.

Related Activities and Functions

- To work effectively with relevant administrative, technical and academic staff in the School and across the University.
- To carry out specific administrative roles and functions as may be reasonably required.
- To take part in and, on occasion, act as chair of one or more School committees.
- To engage in training programmes in the University (e.g. through Staff Development) which are consistent with your needs and aspirations and those of the School.
- To undertake such other duties as may be reasonably requested and that are commensurate with the nature and grade of the post.
- To engage fully with the annual Performance and Development Review (PDR) process.

Points To Note

The purpose of this job description is to indicate the general level of duties and responsibility of the post. The detailed duties may vary from time to time without changing the general character or level of responsibility entailed

Special Conditions

All staff have a statutory responsibility to take reasonable care of themselves, others and the environment and to prevent harm by their acts or omissions. All staff are therefore required to adhere to the University's Health, Safety and Environmental Policy & Procedures.

All staff should hold a duty and commitment to observing the University's Equality & Diversity policy and procedures at all times. Duties must be carried out in accordance with relevant Equality & Diversity legislation and University policies/procedures.

Successful completion of probation will be dependent on attendance at the University's mandatory courses which include Respecting Diversity and, where appropriate, Recruitment and Selection.

Organisational Responsibility

Reports to the Dean of Science and the Head of Chemistry.

Person Specification

Your application will be reviewed against the essential and desirable criteria listed below. Applicants are strongly advised to explicitly state and evidence how they meet each of the essential (and desirable) criteria in their application. Stages of assessment are as follows: 1 – Application, 1a – Skype, 2 – Presentation, 3 – Interview.

Essential Criteria

Area	Criteria	Stage
Experience	Evidence of research and/or academic achievement in an area broadly related to physical chemistry and aligned to the research groups and priorities at Loughborough (candidates should explicitly detail their synergies with current School research at the application stage).	1,1a,2
	Experience of working in a high quality academic research environment, including experience at post-doctoral level.	1,2
	Evidence of authoring original work, in the highest quality refereed academic journals.	1
Skills and Abilities	Ability and willingness to develop an original research on your own initiative and to persuade others of its importance.	3
	Ability to identify and develop potential social / cultural / economic impact from professional activity.	3
	Knowledge of research and enterprise funding opportunities in UK HE and understanding of how to secure funding (as, in the first instance, demonstrated by a brief future research/funding plan included with the application).	1, 1a,3
	Excellent communication and interpersonal skills which give you the ability to engage with students, colleagues, business and other agencies on a wide variety of matters.	1,1a,2,3
	Ability to work as part of and to lead a team.	3
	Ability to develop and deliver in taught modules and programmes, including those covering aspects of physical chemistry at all undergraduate levels.	1, 1a,3
Training	Commitment to and evidence of continuing professional development.	1,3
Qualifications	PhD and Undergraduate degree in Chemistry or related discipline.	1
	Fellow of the Higher Education Academy or commitment to achieving this status.	1
Skills and Abilities	Achieved or progressing towards appropriate professional status.	1
Other	Commitment to observing the University's Equal Opportunities policy at all times.	1,3
	Knowledge of the challenges faced in UK HE.	3

Desirable Criteria

Area	Criteria	Stage
Experience	Experience of teaching and assessment at undergraduate and postgraduate level with a particular emphasis on aspects of physical chemistry.	1,3
	Experience of successfully supervising the projects of taught and research students or company staff at equivalent levels.	1

Conditions of Service

The position is full-time and open ended. Salary will be on Research, Teaching and Enterprise Grade 6, £34,956 to £38,183 per annum or Research, Teaching and Enterprise Grade 7, £39,324 to £46,924 per annum, subject to an annual pay award, at a starting salary to be confirmed on offer of appointment.

The appointment will be subject to the University's normal Terms and Conditions of Employment for Academic and Related staff, details of which can be found [here](#).

The University is committed to enabling staff to maintain a healthy work-home balance and has a number of family-friendly policies which are available at <http://www.lboro.ac.uk/services/hr/a-z/family-leave-policy-and-procedure---page.html>

We also offer an on-campus nursery with subsidised places, subsidised places at local holiday clubs and a childcare voucher scheme (further details are available at: <http://www.lboro.ac.uk/services/hr/a-z/childcare-information---page.html>)

In addition, the University is supportive, wherever possible, of flexible working arrangements. We also strive to create a culture that supports equality and celebrates diversity throughout the campus. The University holds a Bronze Athena SWAN award which recognises the importance of support for women at all stages of their academic career. For further information on Athena SWAN see <http://www.lboro.ac.uk/services/hr/athena-swan/>

Informal Enquiries

Informal enquiries should be made to Dr Dave Worrall, Head of Department, by email at: D.R.Worrall@lboro.ac.uk or by telephone on +44 (0)1509 222567.

Applications

The closing date for receipt of applications is **1 September 2017**.