

Job Description

Post title: Reader in Materials	Post No: S3034
Department: School of Science and Technology, Materials and Engineering Research Unit	Date compiled: February 2015
Grade: J	Hours per week: 37 Weeks per year: 52
If fixed term, state duration:	
<p>IMMEDIATE LINE MANAGER: Academic Team Leader for <u>either</u> the "Chemistry and Forensics Sciences" Department <u>or</u> the "Physics and Mathematical" Sciences Department.</p> <p>DESIGNATION AND GRADE OF ANY STAFF SUPERVISED BY THE POST HOLDER: Research staff reporting directly to Reader as part of their research programme/s.</p> <p>JOB PURPOSE:</p> <p>The post holder will be engaged in internationally excellent research which is clearly linked to and significantly enhances the activities of the School of Science and Technology's multidisciplinary Materials and Engineering Research Unit. This Research Unit includes staff working in the Chemistry, Mathematics, Physics, Engineering and Technology academic disciplines. Research in the Unit is extremely strong in terms of high quality outputs, funding income, and international impacts. In the recent REF2014 assessment of the quality of research at all UK Universities, http://www.ref.ac.uk/, the Unit's submission to UoA B15 was highly rated as having 84% of overall activity at the highest 3* (internationally excellent) and 4* (world-leading) grades.</p> <p>To contribute through academic leadership and appropriate research-related activity to the standing of the School and the University and to the furtherance of the School's research strategy and the University's academic mission.</p> <p>PRINCIPAL DUTIES AND RESPONSIBILITIES:</p> <p>The post-holder is expected to undertake the majority of the following duties as appropriate and as agreed with the line manager.</p> <ol style="list-style-type: none"> 1. To engage in and publish significant and internationally-excellent research on a regular basis. 2. To undertake activity which enhances the post-holder's and the University's external esteem, such as editing academic or professional journals, contributing to conferences in the academic field, holding visiting titles/awards or working for research councils and/or other funders of research. 3. Conducts research/scholarly outputs that impact on the external community, appropriate to discipline and level, shaping the discipline and/or its application. This may include the impact of innovative and ground breaking outputs, applied research and scholarly activity. 4. To procure grant and/or contract funding for research, consultancy and/or external 	

collaboration projects and to manage and execute such projects.

5. To be actively involved in selling and delivering programmes to the external market in pursuit of third stream income earnings and opportunities for entrepreneurial and/or external collaboration.
6. To supervise PhD/MPhil students and Post-Doctoral researchers.
7. To contribute towards research strategy and to the building of capacity for research, research training and third stream income, e.g. coordinating a research group or contributing significantly to research committees.
8. Develops and delivers teaching and facilitates learning at undergraduate and/or postgraduate levels. Provides leadership in teaching and learning that promotes effective student learning, fostering strong communities of learning and teaching practice. Evidences practice that aligns with the National Professional Standards Framework for Learning and Teaching.
9. To contribute significantly to the development of the curriculum based on research, professional or consultancy expertise.
10. To undertake teaching at Postgraduate and Undergraduate levels where required.
11. To demonstrate significant academic leadership with the aim of building academic capacity, e.g. coordinating special projects/initiatives, achieving demonstrable enhancements in teaching as a result of mentoring junior colleagues, conducting or inputting (as appropriate) to the Annual Appraisals (i.e. PDCRs) of junior colleagues within the field of expertise, leading teams and internal networks within area of responsibility or taking lead role in quality assurance/enhancement activity.
12. To carry out other such duties, including administrative and pastoral, as might be required from time to time by the line manager

Special requirements:

All staff are expected to comply with the University's Health and Safety and Equal Opportunities policies in the performance of their duties.

N.B. The postholder may be required to undertake any other duties which may reasonably be required as within the nature of the duties and responsibilities of the post as defined, subject to the proviso that normally any changes of a permanent nature shall be incorporated into the Job Description in specific terms.

Job description drawn up by	Human Resources	1 August 2014
Approved for department by	Professor Martin McGinnity, Dean of School of Science and Technology	February 2015