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**Job Description**

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| Job Title: | Lecturer in Biomedical Science |
| Faculty/Department: | School of Biological, Biomedical and Environmental Sciences |
| Reporting to: | Head of School |
| Duration: | Continuing |
| Job Family: | Academic |
| Pay Band: | 9 |
| Benchmark Profile: | Teaching and Research Band 9 |
| DBS Disclosure requirement: | N/A |
| Vacancy Reference: | FS0230 |

**Details Specific to the Post**

**Background and Context**

### The School of Biological, Biomedical and Environmental Sciences mixes tradition with innovation. We have developed a strong international reputation in Biology and Biomedical Sciences, and we have been teaching science since 1928. We offer a thriving modern environment in which students and researchers alike can benefit from recently refurbished research and teaching laboratories and excellent research facilities.

### Our research strengths are built around three major themes: Biomedical Sciences; Ecology and Environmental Management; and Evolutionary Biology. Our School is expected to make significant contributions to several REF UoAs in 2020, and our researchers are involved in a range of interdisciplinary activities across the university and at national/ international level.  One of the University’s distinct features is its strong research culture of collaboration and interdisciplinary working.  The School’s biomedical strength is currently focused on translational oncology, medical microbiology and cardiovascular disease, and these are complemented by colleagues in the Hull York Medical School (HYMS).  A joint submission to UoA3 in REF2014 was highly successful with 87% of research being rated 3\* or 4\*.

### Committed to a future of continued research success, the University of Hull has invested more than £10 million into the School’s biomedical research infrastructure over the past five years. A purpose built biomedical research institute is housed in the Allam Building (opened in 2012) and state of the art molecular imaging techniques including new radiochemical PET-CT/SPECT-CT scanners together with existing capabilities for MRI and optical imaging have been established. State of the art microscopy and biological mass spectrometry facilities are available. In addition a well-established interdisciplinary group exists developing novel analytical applications of Lab on a Chip for biomedical use.

### Cardiovascular disease provides a major focus for research within the school with particular emphasis on the cellular and metabolic mechanisms involved in heart failure and electrophysiological adaptations in the aging heart. Links with clinical colleagues in HYMS and the NHS locally, together with the biomedical facilities available on the hospital site, through the Daisy Medical Research Charity, have allowed a concerted effort to improve the health of the region and facilitate a strong translational approach for the School.

Applications are particularly sought from outstanding individuals with research and teaching strengths in Clinical Chemistry and/or Haematology to complement existing research expertise in cardiovascular disease or cancer. Experience of working at the interfaces of biomedicine and biotechnology would be advantageous.

### Specific Duties and Responsibilities of the post

The role holder will lecture in the broad field of Biomedical Science, working to deliver excellent teaching at all levels of our undergraduate degree Programmes. The role holder will contribute through a range of teaching styles, from traditional lectures, to practical workshops and laboratory based teaching, as well offering individual tutorial based teaching and undergraduate, and postgraduate research project supervision, where appropriate. Specific duties include, but are not limited to:

* Conduct individual and collaborative research projects relevant to one or more of the School research themes, including developing research objectives and proposals which will be advancing the state of knowledge in their particular discipline. Secure funding to support this research. Supervise the research of others (e.g. PhD students, PDRAs).
* Design and deliver a programme of teaching at both the undergraduate and postgraduate level in the area of biomedical science specifically. This will include the supervision of both undergraduate and postgraduate research projects.
* Write individually or contribute to publications and present at conference or other events.
* Undertake departmental administrative duties appropriate for their skills and experience, and engage in appropriate training to further develop their teaching and research skills.

In your covering letter please refer directly to the criteria, given in the person specification below. Applications are assessed by the selection panel according to these criteria.

**GENERIC JOB DESCRIPTION**

The job duties and responsibilities listed below are intended to describe the general nature of the role. The duties and responsibilities and the balance between the elements in the role may change or vary over time depending on the specific needs at a specific point in time or due to changing needs in the department. Candidates should note that there may not be an immediate requirement to carry out all the activities listed below.

### Overall Purpose of the Role

This role will be carried out by individuals with considerable experience in teaching and research and have established a reputation nationally and internationally within their academic specialism.

At this level, role holders’ contribution spans scholarship, teaching, research and related administration, though the weight allocated to each of these strands will vary from role to role and from time to time for individual role holders.

The role holder will:

* Lead the design, development and delivery a broad range of programmes of study which may include entirely new courses.
* Determine, develop and carry out relevant independent research projects to extend knowledge of the appropriate subject area.

**Main Work Activities**

### Teaching and Learning

1. Design, develop and deliver a range of teaching material across a range of modules and programmes within a subject area using appropriate teaching, learning support and assessment methods.
2. Review on a regular basis course content and materials, updating when required
3. Ensure that all course design and delivery comply with the quality standards and regulations of the University and department.
4. Develop and apply innovative and appropriate teaching techniques and material which create interest, understanding and enthusiasm amongst students.
5. Identify areas where current provision is in need of revision or improvement.
6. Contribute to the planning, design and development of objectives and material.
7. Set, mark and assess work and examinations and provide feedback to students
8. Transfer knowledge including practical skills, methods and techniques.

**Research**

* Determine relevant research objectives and prepare research proposals.
* Contribute to the development of research strategies.
* Act as referee and contribute to peer assessment.
* Maintain a regular output of high quality research which is published in peer reviewed journals.
* Attract external funding to support research activity.

**Relationships and Team working**

* Lead and develop internal networks, for example by chairing and participating in institutional committees.
* Lead and develop external networks, for example with external examiners and assessors.
* Develop links with external contacts, such as other educational bodies, employers, and professional bodies to foster collaboration.
* Provide academic leadership to those working within programmes areas as course leader or equivalent.
* Contribute to the development of teams and individuals through the appraisal system and providing advice on personal development.
* May act as line manager, for example of research teams.
* Act as a personal mentor to peers and colleagues.
* Lead teams within areas of responsibility.
* Supervise students at both doctoral and masters level.
* Contribute to appropriate research groups within the department and the Faculty/School.

**Planning and Managing Resources**

* Responsible for the delivery of assigned educational programmes.
* Contribute to the overall management of the department in areas such as budget management and business planning.
* Participate in departmental-level strategic planning and contribute to wider strategic planning processes in the institution.
* Plan and deliver research, consultancy or similar programmes and ensure that resources are available.
* Contribute to the management of quality, audit and other external assessments.

### Additionally the post holder will be required to:

* Fulfil the employees’ duties described in the University’s health and safety policies and co-operate with the health and safety arrangements in place within the department. May be required to undertake specific health and safety roles on request e.g. Display screen equipment assessor, departmental safety officer, fire warden etc.
* Show a commitment to diversity, equal opportunities and anti-discriminatory practices this includes undertaking mandatory equality and diversity training.
* Comply with University regulations, policies and procedures.

**PERSON SPECIFICATION – Teaching and Research Band 9**

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| **Specification** | **Essential** | **Desirable** | **Examples Measured by** |
| **Education and Training**  Formal qualifications and relevant training | * A PhD in relevant discipline such as Biomedical Science * Recognised professional accreditation (where appropriate) * A minimum requirement to be at Fellow level as represented within the UK Professional Standards Framework with the expectation of being at Senior Fellow level within 2 years from commencement of the post | * A Masters degree in a relevant discipline, e.g. Clinical Chemistry or Haematology | Application  Interview  Other |
| **Work Experience**  Ability to undertake duties of the post | **Evidence of:**   * A substantial reputation nationally and international recognition for research, reflected in sustained output, level of innovation, impact on discipline or profession and recognition * Excellence in teaching from peer review, from student assessment/feedback, from examination results, from external examiner reports and from teaching awards * Track record of attracting comprehensive research funds * Successful supervision and completion of research students | * Experience of developing and delivering high-quality UG and PG modules in Clinical Chemistry and / or Haematology | Application  Interview  Other |
| **Skills and Knowledge**  Includes abilities and intellect | **Evidence active contribution and influence in the following areas:**   * Academic leadership and a proven ability to lead, develop and motivate colleagues, working as part of a team to achieve Departmental, Faculty or University goals. * Making a leading contribution to the formulation, monitoring, administration and review of departmental, faculty and University teaching and learning and research related strategies e.g. responsibility for the development of a research strategy, development of a series of course modules and / or course programme; involvement in driving forward international teaching and learning strategies; designing and managing peer observation within the faculty * Active involvement at University level in strategy development in relation to teaching and learning and involvement in/chairing of working parties as requested e.g. Internal Quality Review Panels, actively engaging in furthering the work of Centre for Advanced Teaching and participating in external quality audit teams * Managing and developing the admissions process in the department and/or faculty * Extensive experience and demonstrated success in planning, building and resourcing a team and delivering research results | **Evidence active contribution and influence in the following areas:**   * Leadership of widening participation initiatives in the faculty and on behalf of the University * Leading on equality action initiatives related to teaching and learning in the department/faculty | Application  Interview  Other |
| **Personal Qualities**  Includes any specific physical requirements of the post – (subject to the provisions of the Equality Act 2010)  This includes information about how you meet the requirements under additional information as stated in the job description documentation. | **Evidence of:**   * A positive contribution to University activities and initiatives including open days, graduation ceremonies etc. and willingness to undertake administrative activities * Working in an open and transparent way, providing information and communicating effectively with colleagues * Collaborative working, particularly on interdisciplinary activities * Continuous Professional Development |  | Application  Interview  Other |