



**Cardiff
Metropolitan
University**

**Prifysgol
Metropolitan
Caerdydd**

JOB DESCRIPTION

Job Title:	Lecturer in Biomedical Sciences
Location:	Cardiff School of Sport and Health Sciences
Hours:	37 hours per week (1.0FTE)
Tenure:	Permanent
Grade:	7 A/B
Salary:	£46,049 to £51,753 per annum
Accountable to:	Academic Team Lead

Principal Duties and Responsibilities:

The Lecturer in Biomedical Sciences will deliver high-quality teaching, assessment, and academic support across undergraduate and postgraduate programmes. The postholder will apply expertise in biomedical sciences, with a particular emphasis on molecular biology and genetics, to ensure that teaching reflects current scientific developments in research, professional practice, and relevant regulatory standards.

Responsibilities will include designing and delivering lectures, tutorials, laboratory practicals, and digital learning resources across areas of biomedical sciences relating to disease mechanisms. The role will involve assessing student learning, providing academic guidance, supervising undergraduate and postgraduate research projects, quality assurance, student recruitment, and collaborative activities with academic, and external partners. They will support the integration of contemporary molecular techniques and emerging technologies into teaching and laboratory practice.

Research-informed teaching will promote evidence-based practice and enhance the student-centred learning environment. There will be an expectation of the postholder to develop/maintain an active research and scholarly profile through publications, conference presentations, collaborative research, and funding applications.



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ROLE PROFILE

Principal Duties and Responsibilities:

Teaching and learning support

- Supervise undergraduate and postgraduate research students.
- Design teaching material and deliver either across a range of modules or within a subject area.
- Use appropriate teaching, learning support and assessment methods.
- Supervise student projects, and/or e.g. field trips and, where appropriate, placements.
- Identify areas where current provision is in need of revision or improvement.
- Contribute to the planning, design and development of objectives and material.
- Set, mark and assess work and examinations and provide feedback to students.

Research and scholarship

- Potential to lead research and/or innovation proposals and projects with the potential to generate income, to manage project deliverables, deliver outputs and secure impact.
- Work with university stakeholders to identify sources of research funding and lead the process of securing funds.
- Manage the delivery of individual and/or collaborative research projects to time and on budget.
- Apply knowledge acquired from research and innovation as well as scholarship to learning and teaching, and appropriate external activities.
- Lead the design and production of peer-reviewed publications and/or practitioner outputs, and/or disseminate research findings using other appropriate media.
- Make presentations at local, national and international academic and/or practitioner conferences or exhibit work in other appropriate events.

Communication

- Routinely communicate complex and conceptual ideas.
- Disseminate conceptual and complex ideas to a wide variety of audience.

Liaison and networking

- Participate in and help develop internal and external networks for the benefit of Cardiff Metropolitan University in the areas of teaching and research such as:

- Leading and developing internal networks for example by chairing and participating in School and Institutional committee.
- Leading and developing external networks for example with external examiners and assessors.
- Developing links with external contacts such as other educational bodies, employers, and professional bodies to foster collaboration.

Managing people

- Mentor colleagues with less experience and advise on personal development.
- Depending on the area of work, could be expected to supervise the work of others.

Teamwork

- Act as a responsible team member, leading where agreed, and develop productive working relationships with other members of staff.
- Collaborate with colleagues to identify and respond to students' needs.

Pastoral care

- Could be expected to act as a module tutor.
- Be responsible for the pastoral care of students within a specified area.
- Deal with standard problems and help colleagues resolve their concerns about progress in research.

Initiative, problem-solving and decision-making

- Assess, interpret and evaluate outcomes of research.
- Identify the need for developing the content or structure of modules with colleagues and make proposals on how this should be achieved.
- Develop ideas promoting the subject and/or research areas.
 - e.g. Develop ideas and find ways of disseminating and applying the results of research and scholarship.
 - e.g. Responsibility for the design and delivery of own modules and assessment methods.
 - e.g. Collaborate with colleagues on the implementation of assessment procedures.
 - e.g. Advise others on strategic issues such as student recruitment and marketing.
 - e.g. Contribute to the accreditation of courses and quality control processes.

Planning and managing resources

- As module leader or tutor, co-ordinate with others (such as support staff or academic colleagues) to ensure student needs and expectations are met.
- Manage projects relating to own area of work.
- Participating in developing ideas for generating income.

Sensory, physical and emotional demands.

- Balance the pressures of teaching and administrative

demands and competing deadlines.

Work environment

Within the context of Cardiff Metropolitan University's H&S policy, depending on area of work and level of training received, may be expected to conduct risk assessment and take responsibility for the health and safety of others.

Expertise

- Possess sufficient breadth or depth of specialist knowledge in the area of molecular biology and genomics to develop teaching and/or research programmes and the provision of learning support.
- Use a range of delivery techniques.
- In-depth understanding of the application of genomics to enable the development of new knowledge and understanding both within the field of biomedical science related to human health.

Standard Notification

These guidelines are provided to assist you in the performance of your role. The university is a dynamic organisation; therefore, changes may be required from time to time. Any changes will be made in consultation with the post-holder. The Summary of Duties and Responsibilities is not intended to be an exhaustive list of tasks performed. Other associated tasks are likely to be performed as directed by the line manager.

The University is committed to the highest ethical and professional standards of conduct. Therefore, all employees are expected to have due regard for the impact of their personal behaviour and conduct on the University, students, colleagues, business stakeholders and our community. Each employee must demonstrate adherence to our Code of Professional Conduct. In addition, all employees should have particular regard for their responsibilities under Cardiff Metropolitan University's Equalities, Financial, Environmental and sustainability, People Services and Health and Safety policies and procedures.



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PERSON SPECIFICATION

Job title: Lecturer in Biomedical Sciences

Unit/School: Cardiff School of Sport and Health Sciences

*Key

A - Application form

I - Interview

P - Presentation

FACTORS	ESSENTIAL AND DESIRABLE CRITERIA	ASSESSED BY		
		A*	I*	P*
Education and Qualifications (Essential)	A good honours degree.	√		
	The ability to gain a doctoral-level qualification.	√		
	Ability to achieve Fellow Status as part of the Higher Education Academy's Professional Recognition scheme, within a 3-year period.	√		
Education and Qualifications (Desirable)	An earned doctoral-level qualification.	√		
	Fellow Status as part of the Higher Education Academy's Professional Recognition scheme.	√		
	Health and Care Professions Council (HCPC) registration as a Biomedical or Clinical Scientist	√		

Knowledge (Essential)	A good level of knowledge relevant to undergraduate and postgraduate teaching of molecular biology and genetics	√	√	
	Evidence of professional experience in application of molecular and genomic techniques	√	√	
	An understanding of the role of innovation and technology in education and in clinical/research practice	√	√	√
	Evidence of undertaking continuous professional development (CPD).	√	√	√
	A sound understanding of pedagogy	√	√	
	A sound understanding of research / enterprise and scholarly activity		√	
	Understanding of the role of the academic as a mentor / role model for professional leadership and behaviours.		√	√
Knowledge (Desirable)	A good level of knowledge of data analysis and other subject areas within biomedical sciences.	√	√	√

Skills and Abilities relating to role (Essential)	Ability to develop teaching and / or research programmes and the provision of learning support.	√	√	
	Ability to design teaching and learning material.	√	√	
	Ability to employ appropriate assessment methods.	√	√	
	Ability to support the development of research objectives, projects or proposals.	√	√	
	Ability to employ appropriate methods for disseminating research findings.	√	√	
	Ability to contribute to the achievement of the School Development Plan and the development of other school activities.		√	
	Ability to undertake administrative duties in an accurate and timely fashion.	√	√	
	Ability to plan workloads and projects and manage resources effectively.	√	√	
	Ability to identify areas for improvement and to use initiative and problem-solving skills to improve performance.		√	
	Ability to take responsibility for a number of key areas such as module tutor, research supervision at undergraduate level.		√	
	Ability to communicate and disseminate complex and conceptual ideas in a variety of ways – presentations at conferences reports on findings, publications, feedback.	√	√	√
	Ability to develop productive working relationships as part of a professional team	√	√	
	Ability to work collaboratively on research projects through the development of appropriate partnerships	√	√	
	Ability to demonstrate own professional values and instil those values in students	√	√	
Skills and Abilities relating to role (Desirable)	Ability to develop teaching and / or research programmes and the provision of learning support through the medium of Welsh	√		

Experience paid / unpaid (Essential)	Experience of teaching / research / clinical experience or equivalent.	√		
	Experience of working with others in a supervisory / guiding / supporting / mentoring capacity.	√	√	
	Experience in leadership in a professional context, and in applying creativity in developing learning opportunities and support for others	√	√	√
Experience paid / unpaid (Desirable)	Experience of recent clinical/research training of students	√	√	
	Experience of teaching in Higher Education.	√		
	Experience in research and/or enterprise and innovation work	√	√	
Other Requirements (Essential)				
Welsh Language Skills (Desirable) For the full skill descriptions, please visit our staff recruitment website.	<u>Listening</u> A1 - Beginner Can understand and use familiar everyday expressions and very basic phrases in Welsh.	√		
Welsh Language Skills (Desirable)	<u>Reading</u> A1 - Beginner Can understand and use familiar everyday expressions and very basic phrases in Welsh.	√		
Welsh Language Skills (Desirable)	<u>Speaking</u> A1 - Beginner Can understand and use familiar everyday expressions and very basic phrases in Welsh.	√		
Welsh Language Skills	<u>Writing</u> A1 - Beginner Can understand and use familiar everyday expressions and very basic phrases in Welsh.	√		