

RESOURCING/

JOB DESCRIPTION:

X2 Lecturers in Molecular Biosciences (Teaching & Research focused)



Ref Number:	STM-032-19
Salary Scale:	Lecturer Grade 7: £34,189 - £39,609 pa Lecturer Grade 8: £40,792 - £48,677 pa
Contract:	Ongoing AND Full Time (Teaching & Research)
School/Department:	School of Biosciences
Location:	University of Kent, Canterbury Campus
Responsible to:	Head of School or nominee
Responsible for:	n/a
Interviews are expected to be held on:	10 September 2019
Expected start date:	January 2020

The Role

You will conduct internationally-leading research activities and provide quality teaching to both undergraduate and postgraduate students within the School of Biosciences. The focus of the research should be in the category of 'Molecular Biosciences', complementing one or more of the themes described below and in the additional information on the role description. We are particularly interested in expanding our research strengths in immunology, virology, structural biology and fungal biology, but the primary emphasis will be placed on appointing outstanding candidates.

The School of Biosciences is a vibrant and stimulating environment for research and teaching. In REF2014, Bioscience at Kent was ranked 7th on the basis of 'research intensity', and the appointment of a range of new staff since 2014 has meant that research quantity and quality have risen still further. This is now an extremely active research environment. The School has a collegiate atmosphere with around 40 academic staff and Research Fellows, and its critical mass and excellence are focused on a number of core research themes, namely:

- Industrial Biotechnology
- Infection and drug resistance
- Cancer and age-related diseases
- Cellular architecture and dynamics
- Reproduction, evolution and genomics

The research is supported by the School's advanced research facilities, including nuclear magnetic resonance (NMR), mass spectrometry, fluorescence microscopy, electron

microscopy, computation and protein purification/ analysis. All of these facilities are well supported in terms of staff and finances. Research groups are funded by a wide range of agencies including BBSRC, European Union Horizon2020 initiatives, British Heart Foundation, MRC, the Wellcome Trust and RCUK's Global Challenges Research Fund.

The School of Biosciences is a welcoming and diverse environment that has been recognised with a Bronze Athena SWAN award. We are keen to enhance the balanced, inclusive and diverse nature of the community within the School and would particularly encourage female candidates to apply for this post.

Our research excellence is complemented by excellence in teaching; as a result, undergraduate recruitment has been over target for the last 8 years in a row. The School is highly inclusive and provides a range of options and facilities to support those with caring and other responsibilities.

The School of Biosciences has a flourishing and extensive programme of science communication, public engagement and outreach activities that involves all elements of the School, from undergraduates to Professors. This includes a key role in the Wellcome Trust-funded 'Authentic Biology' project that we run in collaboration with a local Canterbury School (Simon Langton Grammar School) and which has received considerable national attention (www.authentic-biology.org). We contribute actively to the Canterbury Festival and feel that integration of science communication into core school activities brings an added dimension to teaching and research and contributes to a stimulating and vibrant academic culture within the School.

For informal enquiries, in the first instance please contact [Dr Tobias von der Haar](#), Director of Research, or [Professor Colin Robinson](#), Head of School.

Key Accountabilities / Primary Responsibilities

- Conduct original research of the highest quality, leading to publications at an internationally leading level.
- Seek opportunities to ensure the research has impact, whether through knowledge transfer, policy advice, public engagement or other means.
- Acquire grant income sufficient to support their research and that of the wider group (where applicable).
- Contribute to the development and implementation of research, innovation and teaching strategies within the School.
- Provide vision, leadership and mentorship in their research areas.
- Contribute to internal and external networks to foster collaboration and share information and ideas, and to promote the School, and the institution.
- Promote and market the work of the School in the subject area both nationally and internationally.
- Contribute to the teaching, training and assessment of students at both undergraduate and postgraduate levels.
- Provide academic administrative support to the school where appropriate.

Key Duties

Research

- Establish and sustain a vibrant, well-funded research group within the School of Biosciences;
- To secure external research funding through research, enterprise grants or contracts to support a well-defined research agenda, which will deliver outputs of international excellence;
- To manage research projects, including their financial control where necessary;
- Provide training, support and advice to graduate and postdoctoral scientists and research technicians;
- Publish research findings in high quality peer-reviewed journals;
- Contribute to the development and promotion of the research environment within the School of Biosciences;
- To attend and present research findings and papers at academic and professional conferences, and to contribute to the external visibility of the School's research.

Teaching

- To contribute significantly to undergraduate and postgraduate teaching in the School displaying a flexible approach to teaching methods
- To undertake academic duties such as the setting of examination papers, marking, invigilation and pastoral support of students, so as to sustain the delivery of high quality teaching;
- To co-operate with colleagues in the review of the curriculum and in the design and launch of new programmes of study as appropriate;
- To hold membership of the school Education Committee and attend its meetings;
- To hold membership of the relevant Boards of Examiners and attend their meetings;
- To maintain a broad knowledge in relevant fields to ensure that teaching meets the standards expected within the University.
- To supervise research assistants and research students;

Administration

- To undertake such specific school roles and management functions as may be reasonably required by the Head of School;
- To attend School meetings and to participate in other committees and working groups within the school the faculty and the University to which the post holder is appointed or elected;
- To engage in Continuing Professional Development, for example through participation in relevant staff development programmes;
- To undertake, subject to the agreement of the Head of School and the University as appropriate, external commitments which reflect well upon and enhance the reputation of the University.
- Such other duties and administration, commensurate with the grading of the post, which may be assigned by the Head of School, or their nominee

Health, Safety & Wellbeing Considerations

This role involves undertaking duties which include the Health, Safety and wellbeing issues outlined below. Please be aware of these, when considering your suitability for the role.

- Regular use of Screen Display Equipment
- Working with chemicals (inc. requirement to wear nitrile/latex gloves and inc. work with CO₂ or N₂ gasses)
- Biological Agents/Scientific Hazards (experiments/lasers etc, and waste/sewage)

- Contact with Human fluids (blood, saliva etc)

Internal & External Relationships

Internal: All academic/research/admin/support staff/postgraduate students within the School of Biosciences.

External: External Examiners/collaborators/academic staff within Sciences Faculty

Person Specification

The Person Specification details the necessary skills, qualifications, experience or other attributes needed to carry out the job. Please be aware that your application will be measured against the criteria published below.

Selection panels will be looking for clear evidence and examples in your application, or in your cover letter where applicable, which back-up any assertions you make in relation to each criterion.

Qualifications / Training	Essential	Desirable	Assessed via*
PhD degree in biology or chemistry related subject	✓		A

Experience / Knowledge	Essential	Desirable	Assessed via*
Demonstrate an international presence in your field of research	✓		A
Have a recent publication record in high impact, peer-reviewed journals	✓		A, I
Demonstrate a track record of academic excellence	✓		A, P
Have a record of success in having won competitive research grants from national or international funding agencies		✓	A, I
Have first-hand experience of undergraduate and/or postgraduate teaching		✓	I
Demonstrate an understanding of current research drivers in area of expertise and national/international funding sources available	✓		I
Experience of supervising undergraduate or postgraduate students	✓		I

Skills / Abilities	Essential	Desirable	Assessed via*
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A proven ability to work with colleagues and contribute to multi-disciplinary projects	✓		I
Teaching ability of a high standard at both the undergraduate and postgraduate level	✓		I
Ability to supervise undergraduate and postgraduate research projects	✓		A,I,
Clear evidence of organisational, administrative and IT skills	✓		A,I,P

Additional Attributes	Essential	Desirable	Assessed via*
Involvement with appropriate professional organisations, national and international panels and/or committees	✓		A,I
Willingness to take on their share of responsibility in the School of Biosciences	✓		A,I

***Criterion to be assessed via:**

A = application form or CV/cover letter

I = interview questions

P = test or presentation at interview