



Faculty of Science & Health

School of Biotechnology

Lecturer in Genetics/Genomics

(Permanent Post)

Introduction:

The School of Biotechnology is an important strategic academic unit in the Faculty of Science and Health at Dublin City University. The School is unique in having established a multidisciplinary academic team with expertise in biochemistry, genetics/genomics, microbiology, immunology, molecular virology, bioinformatics and bioprocess engineering within a single departmental unit, thus encouraging an interdisciplinary approach to teaching and research. This is reflected in its three flagship programmes, BSc in Biotechnology, BSc in Genetics and Cell Biology and MSc in Bioprocess Engineering.

The School is an active centre of basic and applied research. Members of staff have collaborative links with national and international research laboratories and attract funding from many sources including Science Foundation Ireland, the Health Research Board, the HEA, the European Union, the National Institutes of Health, the Wellcome Trust, Embark-IRCSET, the World Health Organisation, Enterprise Ireland, the Irish Cancer Society, the Department of Agriculture, Fisheries and Food, Teagasc and Industry. Moreover, members of staff are involved in teaching at both undergraduate and post-graduate degree level.

Lecturer in Genetics/Genomics:

Applicants for the post must hold a primary/advanced degree in Genetics/Genomics should be qualified to a post-graduate level and have completed a doctoral qualification in the field. The successful candidate will also have a minimum of three years relevant research experience (e.g. genome-wide association studies, quantitative genetics, next generation sequencing, functional genomics), with a record of high quality university-level teaching. Candidates with expertise in analysis of large data sets as applied to human health would be particularly welcome. The successful candidate will be expected to teach undergraduates at the theoretical and practical level in areas of molecular biology and genomics (eukaryotic and prokaryotic) and have experience of research student supervision.

In addition, the successful candidate should have a proven research background in the area. They will be committed to publish in the highest quality peer-reviewed journals and/ or with high quality book publishers and to securing external research funding supports. The successful candidate will also be expected to contribute significantly to curriculum development, teaching and administrative activities in the School of Biotechnology, across a variety of programmes and at all levels of third level education and training.

Duties attached to this post include:

(1) Teaching: The Appointee will be expected to contribute directly to undergraduate and postgraduate degree programmes, supervision of laboratory sessions, and student mentoring. S/he will lecture primarily in the field of molecular biology, genetics and genomics (including comparative genomics, genetics and bioinformatics). In addition, s/he will supervise final year Bachelors and/or Masters level research

projects. Participation in the development of new modules and degree programmes, including post-graduate teaching to MSc and PhD students across a range of disciplines, is also a key part of this role. The Appointee's teaching will be determined by the Head of School and the Teaching Convenor.

(2) Research: The Appointee will be expected to establish an independently-funded collaborative research programme. This programme should align with the Research and Innovation constituent strategy of the DCU Strategic Plan "Transforming Lives and Societies", and should foster collaboration(s) both within and beyond the School of Biotechnology. Research should also be aligned with relevant national and EU priority areas.

(3) Administration: The Appointee will be required to undertake certain administrative functions related to the activities of the School of Biotechnology and Faculty of Science and Health. Such duties will be defined by the Head of School and may include: degree programme co-ordination; participation in committees; visits to students on INTRA placements; representation of the School in marketing to, and recruitment of, students; participation in open/ science days; organisation of conferences and so on. The Appointee will also be expected to follow courses provided by the University to develop specific skills, such as management training, safety etc.

(4) Other: The Appointee will be assessed through a Performance Management and Development Scheme (PMDS). Progression will be judged through key performance indicators (KPIs) which evaluate the Appointee's teaching, research and administrative activities.

Informal enquiries to:

Dr. Sandra O'Neill, Head of School of Biotechnology, Dublin City University, Dublin 9.

E-mail Sandra.oneill@dcu.ie

Tel: +353 (0)1 700 5455

Salary Scale:

Lecturer (above bar): **€50,159 - €76,891**

Lecturer (below bar): **€37,352 - €51,724**

Appointment will be commensurate with qualifications and experience

Closing date: **July 10th 2015**

Application forms are available from: www.dcu.ie/vacancies/current.shtml and from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149 Fax: +353 (0)1 700 5500 E-mail: hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line:

Job Ref #106: Lecturer in Genetics/Genomics

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