

Faculty of Science & Health
SCHOOL OF BIOTECHNOLOGY



Lecturer in Genomics (5-year contract)

Introduction:

The School of Biotechnology is a strategic unit of the Faculty of Science and Health at Dublin City University. The School is unique in having established expertise in biochemistry, genetics, microbiology, immunology, vascular cell biology, molecular virology, bioinformatics and process engineering within a single departmental unit, thus encouraging inter-disciplinary teaching and research.

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, Health Research Board, HEA, EU FP7 and Horizon 2020, Wellcome Trust, Irish Research Council, WHO, Enterprise Ireland, Irish Cancer Society, Dept. of Agriculture, Fisheries and Food, Teagasc, and from Industrial partners. In addition, School staff members undertake teaching at both undergraduate and postgraduate degree level.

Lecturer in 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 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 biostatistics and analysis of large data sets 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 be expected to contribute significantly to curriculum development, teaching and administrative activity in the School of Biotechnology, across all levels and a variety of programmes

Duties attaching to the 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 and genomics (including microbiology and microbial genetics/genomics). 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 students across a range of disciplines, is also part of the 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.

(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 (kpi) which evaluate the Appointee's teaching, research and administrative activities.

Informal enquiries to:

Dr Ciarán Fagan, Head of School of Biotechnology, Dublin City University, Dublin 9.

E-mail ciaran.fagan@dcu.ie Tel: +353 (0)1 700 5288 or +353 (0)1 700 5284

Salary Scale:

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

Lecturer (below bar): €41,502 - €51,724
€37,352 - €46,552*

*Applies to new entrants to the public sector after 01 January 2011
Appointment will be commensurate with qualifications and experience

Closing date: 1st July 2014

Interviews are expected to take place during the week of Monday 28 July.

Application forms are available from: **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

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