Dublin City University
Faculty of Science & Health
School of Biotechnology
Lecturer in Bioprocess Engineering
(5 Year Contract)

Introduction:
The School of Biotechnology is a strategic academic unit of the Faculty of Science and Health at Dublin City University. The School is unique in having established expertise in biochemistry, genetics/genomics, microbiology, immunology, molecular virology, bioinformatics and bioprocess engineering within a single departmental unit, thus encouraging multi-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, 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 Bioprocess Engineering:
Applicants for the post must hold a primary/advanced degree in Bioprocessing, Chemical Engineering or Mechanical/Mechatronics Engineering, and should be qualified to PhD level with relevant postdoctoral experience. Applicants who do not have a PhD may be considered if they have a relevant discipline, substantial industrial experience in a bioprocessing environment and have authored or co-authored on scientific publications. Candidates without a PhD will be strongly encouraged to complete a PhD within the 5 year timeframe.

Candidates should ideally have a track record of high quality university-level teaching, with relevant experience in the development, coordination and teaching of both lecture and laboratory modules at undergraduate level. Applications from individuals with expertise in bioreactor design and operation, process instrumentation and control, data acquisition and process validation would be particularly welcome, as would experience in the commissioning and troubleshooting of pilot-scale bioprocessing equipment. In addition, the successful candidate should have a proven research background in process engineering or, if s/he is applying from an industrial background, have a clear research strategy in place. S/he will be committed to publish in the highest quality peer-reviewed journals 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 (but not necessarily exclusively) in the field of bioprocess engineering. 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 postgraduate 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.

**Informal enquiries to:**
Dr. Sandra O’Neill, Head of School of Biotechnology, Dublin City University, Dublin 9.
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**Salary Scale:**
Lecturer (above bar): €50,159 - €81,403

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:** 21st March 2015

**Application forms are available from:** [www.dcu.ie/vacancies/current.shtml](http://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

*Dublin City University is an equal opportunities employer*