Dublin City University  
Faculty of Science & Health  
School of Biotechnology  
Lecturer in Bioprocess Engineering  
(Three 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, molecular virology, plant biotechnology, 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, the Health Research Board, the HEA, the European Union, 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:
The School of Biotechnology at DCU seeks to recruit a Lecturer in Bioprocess Engineering on a three year fixed term contract basis. Applicants for the post must have an honours degree, and preferably a PhD, in chemical engineering or bioprocess engineering. The successful candidate will have experience of the development, coordination and teaching of bioprocess engineering modules at both undergraduate and postgraduate level. S/he will also have experience of supervision of postgraduate students, of publishing in international research journals and of applying for national and international research grants. Evidence of a commitment to working collaboratively within a research centre of excellence is also desirable.

Duties attaching to the post include:

(1) **Teaching:** The post holder will be expected to contribute directly to undergraduate and postgraduate degree programmes, supervision of laboratory sessions, and student mentoring/tutoring. S/he will lecture in the fields of biochemical engineering, growth kinetics, mass transfer, mass and energy balances and industrial biotechnology. This teaching will also involve pilot plant practical classes in fermentation processes, process analytical technologies, microbial production of enzymes and the development of new practical teaching experiments to undergraduates/postgraduates. In addition, s/he will supervise final year and/or Masters level research projects. Participation in the development of new degree programmes and post-graduate teaching to MSc students in a range of disciplines is also part of the role. The post holder's teaching will be determined by the Head of School and the Teaching Convenor.
(2) **Research:** The post holder will be expected to establish an independently-funded collaborative research programme. This programme will be congruent with the strategy of both the School and University, will contribute directly to existing School- and Faculty-wide research initiatives (e.g. PRTLI programmes), and will foster collaboration with other related Schools and Centres within and beyond the Faculty (e.g. the National Institute for Biotechnology Research and Training [NIBRT], EnvironTech, MESTECH, etc.).

(3) **Administration:** The post holder 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. These duties may include degree programme co-ordination, participation in committees, representation of the School in marketing to, and recruitment of, students and participation in open days, science days, organisation of conferences and seminars etc. The post holder will also be expected to follow courses provided by the University to develop specific skills, such as management training, safety etc.

**Informal enquirys 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 - €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:** 14th June 2013

**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**