



BioDesign Europe

DCU Faculty of Science & Health

Director of Biodesign Europe

**(Full Professor)
(5-year contract position)**

Dublin City University (www.dcu.ie) is a research-intensive, globally-engaged, dynamic institution that is distinguished by both the quality and impact of its graduates and its focus on the translation of knowledge into societal and economic benefit. Excellence in its education and research activities has led to its ranking in the top 2% of universities globally.

Arizona State University and Dublin City University have collaborated since 2006 on education, research and economic development activities, based on our shared values of innovation and entrepreneurship, technology-enhanced learning, research and discovery. In 2013, the universities signed the Transatlantic Higher Education Partnership, building on this history of collaboration and leveraging our complementary skills and cultural differences. The partnership provides students and researchers with unique education and research experiences while making a positive impact on communities in Ireland and Arizona. In the research sphere, the ASU Biodesign Institute is a world-renowned research centre which develops and exploits nature-inspired solutions to address global health, sustainability, and security challenges. The focus of this institute is well aligned with the DCU research strategic objective of translating scientific knowledge into economic and societal benefits.

In the context of this Transatlantic Partnership, BioDesign Europe is being established at DCU with the objective of developing collaborative applied research programmes exploiting the complementary underpinning research strengths at both the ASU BioDesign Institute and DCU in the following research areas;

- Biodiagnostics
- Bioengineering/Biomaterials
- Bioprocessing
- Biotechnology/Precision Medicine
- Sustainability for Health

The university's research activities have a long-established track record of enterprise engagement in terms of undertaking collaborative projects with industry partners. In this context, BioDesign Europe will benefit from the excellent technology transfer expertise in the DCU INVENT office to leverage the commercial potential of the applied research activities.

Director of Biodesign Europe

The position of the Director will be jointly funded by the two institutions at Full Professorial level. The remit of the Director will be to take a scientific leadership role in BioDesign Europe and develop a research agenda which exploits the synergies between DCU and ASU research teams in the focus areas. This leadership role will involve delivery of the Director's own world-class research programme in combination with the identification of a number of research challenge areas which align with significant funding opportunities and leading and driving strategic efforts to exploit these opportunities.

This project based approach will draw on the complementary expertise of existing research centres in both institutions to comprehensively tackle major research challenges. Ideally the profile of this individual would be a senior academic with a strong record of academic achievement, income generation, experience of leading multidisciplinary research teams and displaying evidence of the potential to successfully develop a transformative research programme. The disciplinary background of the Director could be in a number of different specialist areas including biological or chemical sciences or bioengineering. The successful candidate would hold a full professorship in the most appropriate School within the Faculty of Science and Health. The term of the appointment is 5 years and will be filled on a competitive basis and could be extended for an additional term, subject to satisfactory performance.

The Faculty of Science and Health

A broad range of research activities in five of the Schools in the Faculty are relevant to the biodesign focus areas. These schools are Biotechnology, Health and Human Performance, Nursing and Human Sciences, Chemical Sciences and Physical Sciences. In addition, the Faculty is also host to a number of research centres including National Centre for Cellular Biotechnology (NICB), the National Centre for Sensor Research (NCSR), the National Centre for Plasma Science and Technology (NCPST), the Water Institute and the recently established Fraunhofer Project Centre in Embedded Bioanalytical Systems (CBES).

Biomedical Engineering Research Centre in the Faculty of Engineering and Computing also undertakes relevant research activities in Bioengineering/Biomaterials. The recently established Institute of Education has discipline expertise relevant to the establishment of the Pathfinder Education Centre.

Informal enquiries to:

Prof Michelle Butler, Dean of the Faculty of Science and Health, Dublin City University, Dublin 9.

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Or

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Salary scale:

Professor €114,740.00– €144,186*

* Appointment will be commensurate with qualifications and experience, and will be made on the appropriate point of the Professor Salary scale in line with current Government pay policy.

Closing date: 26th September 2018.

Application Procedure:

Application forms are available from the DCU Current Vacancies (Open Competitions) website at <http://www4.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 700 5149; Fax: +353 (0) 1 700 5500 Email: hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line: Job Ref. # 953 Director of Biodesign Europe

Applications should be submitted by e-mail to hr.applications@dcu.ie or by Fax: +353 (0)1 700 5500 or by post to the Human Resources Department, Dublin City University, Dublin 9, Ireland.

Dublin City University is an equal opportunities employer