

The National Centre for Sensor Research (NCSR) is a world renowned, large-scale, multidisciplinary research facility focused on the science and applications of chemical sensors and biosensors. Its state-of-the art facility comprises custom-designed laboratories, a range of specialist support units and is situated in the Research & Engineering Building at Dublin City University (DCU). For further information please see <http://www.ncsr.ie>.

Applications are invited for the position of Centre Director of the NCSR - one of the world's leading multidisciplinary research centres in Sensor technology - at Dublin City University (DCU). The appointment may be offered at Full or Associate Professor level on the following basis:

- a) A five year contract which may be extended at the University's discretion or
- b) A permanent contract, in which case the successful applicant may hold a permanent position within one of the Academic Schools in the Faculty of Science and Health. The appointee will be seconded for a period of five years, in the first instance, to drive the continued development of the NCSR. This secondment may be extended for an additional period at the University's discretion.

Applicants should have previous experience in managing and directing multidisciplinary research teams and should have research interests that lie within the NCSR's primary focus areas, i.e. Photonics, Health & Life Sciences and Nanotechnology & Microsystems (see <http://www.ncsr.ie/research/index.html>).

The successful candidate will have demonstrable skills in the following areas:

- *Leadership in Research* – A deep understanding and experience of contemporary sensor research with a view and a vision of its potential. Ability to identify and drive/lead strategic research initiatives involving multidisciplinary teams targeting national, EU and international funding agencies;
- *Research Excellence* – A proven ability to direct internationally competitive research programmes;
- *Communication* – The ability to promote the NCSR to national/international collaborating groups/companies as well as to national and international funding agencies;
- *Management and Organisational* – The capacity to create a highly effective management organisation to enable the Centre to respond to members' needs and international trends in research funding;
- *Strategic Vision* – Flair for formulating, managing and delivering a Strategic Plan for the Centre;
- *Commercialisation* – The ability to leverage support from public and private sources.

The successful candidate will be responsible for the achievement of the Centre's strategic objectives by the effective management of its resources and operations. He/she will direct independent research programmes and contribute to the teaching mission of the Centre and Faculty. He/she will chair the NCSR's Management Committee meetings which are held bi-monthly and attend other DCU meetings as necessary (e.g. Faculty Management Board). He/she will lead and manage the NCSR's Administrative Team (Centre Manager, Centre Administrator, Centre Secretary and technical staff). He/she will oversee research, development and support activities related to NCSR's resources and technologies.

The NCSR has a history of successfully partnering with research groups, other universities and companies in order to drive forward its research. Recent large-scale successes include the establishment of the Centre for BioAnalytical Sciences (CBAS) and the Biomedical Diagnostics Institute (BDI) both of which are NCSR-led initiatives. The CBAS is a €10 million collaboration between the NCSR, NUI Galway and Bristol Myers Squibb looking at various aspects of bioprocessing technology. The BDI brings together a consortium of ten academic and industrial partners to carry out a €22 million programme of research into the development of next generation diagnostics. The successful candidate will be expected to build on the Centre's past achievements and to develop additional initiatives on a similar scale.

Candidates will be selected on the basis of proven excellence in management, research and education, their international impact, their competencies in the criteria outlined above and their ability to compete for external funding. An International Search Committee will review applications.

An attractive salary, commensurate with experience, will be offered for this post. Candidates may discuss the position informally with Prof. Malcolm Smyth (Email: malcolm.smyth@dcu.ie).

Closing Date: 23 December 2005

Application forms are available from Human Resources Department, Dublin City University, Dublin 9.

Tel: +353-1-700 5149 Fax: +353-1-700 5500 Email: hr.applications@dcu.ie

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