



Nano – Bioanalytical Research Facility (NRF)

Research Engineer (12 month contract)

Dublin City University was awarded €15.98m under the Higher Education Authority of Ireland's (www.heai.ie) Programme of Research in Third-Level Institutions (PRTL), to establish the Nano-Bioanalytical Research Facility (NRF). The NRF will create an enhanced environment that promotes convergent research that is aligned with the European Strategic Research Agenda on Nanomedicine. Within the facility, clinically and industrially relevant interdisciplinary research will be conducted on nanomaterials, bioanalysis, microfluidics and imaging. The facility will comprise specialist units (e.g. nano- and microfabrication, nanometrology, nanophotonics, bioanalysis, nanosynthesis) containing new and relocated instrumentation.

Applications are invited for the post of Research Engineer.

Duties & Responsibilities

The duties and responsibilities attaching to the post include, but are not restricted to, the following:

- Manage the microscopy equipment and service in the NRF, with particular emphasis on confocal microscopy, TIRF and time-lapse microscopy, and their applications in cell imaging, cell-surface interactions and tissue engineering applications.
- Support the commissioning, maintenance and training on a range of microscopy equipment.
- Support experimental needs for users of a range of optical microscopy equipment including Confocal Laser Scanning, Fluorescence Lifetime Imaging.
- Contribute to key research projects within the NRF.
- Application of advanced cell culture methods in the application of the microscopy facilities.

Experience & Qualifications

The successful candidate must hold a Ph.D. and ideally will have postdoctoral experience in a relevant area. They must have extensive experience of cellular microscopy and of cell culture techniques. Experience in collaborative research/service provision, research on interaction of cells and surfaces, and knowledge of the regulatory environment around tissue engineering and the clinical applications would be an advantage. A self-starting attitude, good interpersonal skills and high technical expertise are a prerequisite.

Informal enquiries:

Mr. Michael Burke, Dublin City University, Dublin 9. Email: Michael.burke@dcu.ie Tel: +353 1 700 5110

Salary: €37,750 - €41,181
Subject to qualifications and experience

Closing Date: 4th October 2011

Application forms are available at:

<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



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