Nano-Bioanalytical Research Facility (NRF)

Technical/ Senior Technical Officer (12 month contract)

Dublin City University was awarded €15.98m under the Higher Education Authority of Ireland’s (www.hea.ie) Programme of Research in Third-Level Institutions (PRTLI), 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 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, nanometry, nanophotonics, bioanalysis, nanosynthesis) containing new and relocated instrumentation. The NRF will be physically linked to the National Institute of Cellular Biotechnology (NICB), a multidisciplinary centre of research in fundamental and applied cellular biotechnology, molecular cell biology, ocular diseases and biological chemistry.

Applications are invited for the post of Technical Officer/ Senior Technical Officer within the facility.

**Duties & Responsibilities**

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

- Manage the re-location of equipment from existing facilities on campus to the NRF. Organise with equipment suppliers, the logistics and costs associated with de-commissioning, packing, transporting on campus, re-installation and re-commissioning/calibration of equipment.
- Responsible for inspection, maintenance, installation, troubleshooting, calibration and testing of laboratory and safety related equipment.
- Maintain laboratory equipment, including autoclaves, bio-safety cabinets, incubators, microscopes, laboratory fermentation equipment and water purification systems.
- Responsibility for the Validation/Recertification of Autoclaves and Biosafety cabinets to ensure compliance with HSA and EPA guidelines.
- Calibration of general laboratory equipment such as pipettes, balances, pH meters, and incubators.
- Handle Laboratory gasses such as CO₂, N₂, O₂ etc and manage gas store.
- Support research in specific instrumentation intensive areas.
- Maintain and repair a variety of small electrical devices, such as vacuum pumps, motors, sockets, ballasts, switches, timers, bearings, cords and plugs.
- Ensuring the building and plant are kept to specification through condition monitoring and management of the Building Management System (BMS) in liaison with DCU Estates Office.

**Experience & Qualifications**

The successful candidate must hold an honours degree (NFQ Level 8) in a relevant discipline. S/he should have a proven track record of working independently, but should also demonstrate their ability to work as part of a team. Familiarity with the operations of a scientific laboratory environment would be desirable. A self-starting attitude, good interpersonal skills and high technical expertise are a prerequisite.

**Informal enquiries to:**

Mr. Michael Burke, Manager of Facilities & Assoc. Services, Faculty of Science & Health, DCU, Dublin 9
E-mail: michael.burke@dcu.ie  Tel: +353 (0)1 7005110

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Salary scale: €34,518 - €57,760 (LSI)
€31,066 - €51,984 (LSI)*
*Applies to new entrants to the public sector after 1st January 2011

Closing date: 20 September 2013

Application Procedure:
Application forms are available from the DCU Current Vacancies (open Competitions) website at http://www.dcu.ie/vacancies/current.shtml and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 7005149.

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9.

Dublin City University is an equal opportunities employer.