Dublin City University
Nanobiolanalytical Research Facility
Technical Officer/Senior Technical Officer
(Fixed term contract to June 2017)

Introduction:
The Nanobiolanalytical Research Facility is a purpose built 3000m² advanced core facility which allows DCU to integrate and connect current technical capability and equipment within DCU, bringing together expertise to create core capabilities in Nanosynthesis, Nanometrology, Micro/Nano fabrication, NanoBioPhotonics and Analytical Characterisation. It is supported by an experienced Research Technical Team enabling DCU researchers, visiting research teams and industry to collaborate in state-of-the-art labs augmenting the process of bringing research from concept through to final prototyping. The role on offer is for a technical officer who will join the current technical support team where they will have specific responsibilities for certain high-end research infrastructure as well as more generic technical duties supporting day to day research activities.

Technical Officer/Senior Technical Officer
The successful candidate must hold a 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 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.

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

- Assist in running the Super Resolution Microscope and Fluorescent microscopy suite.
- Provide a high level of technical expertise in support of research programmes and Core Facilities.
- Develop SOP’s, maintenance and training schedules.
- Develop Confocal/Stimulated Emission Depletion techniques on the Super Resolution Microscope to develop the experimental capacity of the system.
- Develop sample prep for both confocal and STED microscopy including cell fixing and staining techniques.
- 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, and Argon 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.
• Ensure the building and plant is kept to specification through condition monitoring and in liaison with DCU Estates Office.
• Manage the re-location of equipment.
• Organize with equipment suppliers, the logistics and costs associated with de-commissioning, packing, transporting on campus, re-installation and re-commissioning/ calibration of equipment.

Salary Scale:
Technical Officer/Senior Technical Officer: €31,066 - €56,555 (€57,760 with long service increment)

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

Closing date: 8th September, 2016

Application Procedure

Informal enquiries to:
Robbie Sinnott, STEP Research Facilities Manager, Dublin City University, Dublin 9.
E-mail robbie.sinnott@dcu.ie
Tel: +353 (0)1 700 6320

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

Please clearly state the role that you are applying for in your application and email subject line: Job Ref 399 Technical Officer/Senior Technical Officer

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.Human Resources Department, Dublin City University, Dublin 9. Tel: +353 1 700 5149; Fax: +353 1 700 5500 Email: Insert hr.applications@dcu.ie

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