



Technical Officer/Senior Technical Officer

Research Infrastructure Unit

3 Year Fixed Term Contract

Dublin City University

Dublin City University (DCU) is a leading innovative European University. It is proud to be one of the world's leading Young Universities and is among the world's top 2% globally. DCU is known as Ireland's University of Impact, with a mission to 'transform lives and societies' and focuses on addressing global challenges in collaboration with key national and international partners and stakeholders.

DCU has over 20,000 students in five faculties spread across three academic campuses in the Glasnevin-Drumcondra area of North Dublin. Thanks to its innovative approach to teaching and learning, the University offers a 'transformative student experience' that helps to develop highly sought-after graduates. DCU is currently No. 1 in Ireland for Graduate Employment Rate, and for graduate income (CSO).

DCU is a research-intensive University and is home to a number of SFI-funded Research Centres. The University participates in a range of European and international research partnerships. DCU is also the leading Irish university in the area of technology transfer as reflected by licensing of intellectual property.

As a 'People First' institution, DCU is committed to Equality, Diversity and Inclusion - a University that helps staff and students to thrive. The University is a leader in terms of its work to increase access to education, and is placed in the world's Top 10 for reducing inequalities in the Times Higher Education Impact Rankings.

Research Infrastructure Unit (RIU)

Research & Innovation Support (RIS) is made up of 4 units whose goal is to support the research community in DCU through Research Development, Research Support, Research Project Administration and Research Infrastructure.

DCU's Research Infrastructure is made up of core facilities, equipment, services and expertise that are used by relevant research communities to conduct research and advance innovation. The equipment is managed independently of research projects and is supported by a technical team who strive to maintain these resources to the highest standards, thus ensuring researchers are provided with top quality, verifiable results. There are a range of ways to access the equipment within the Research Infrastructure unit, which is intended to be a resource for individuals and teams from academia, industry and public services.

Role Profile

The Research Infrastructure Unit is seeking to recruit an experienced and motivated Senior Technical Officer. Reporting to the RIU Chief Technical Officer, the technical officer who will join the current

technical support team will have specific responsibilities for certain research infrastructure as well as more generic technical duties supporting day to day research activities. This person will also be responsible for the continued development and implementation of the equipment quality systems for facilities associated with DCU's priority research areas.

Duties and Responsibilities: Principal Duties and Responsibilities

The duties and responsibilities of the position include, but are not restricted to, the following:

- Responsible for inspection, maintenance, installation, troubleshooting, calibration and testing of laboratory and safety related equipment as required by the Chief Technical Officer.
- Maintain documentation such as standard operating procedures, maintenance manuals, quality policies and work instructions.
- Assist in the relocation and recommissioning of equipment.
- Maintain the electronic document management systems for the retention and control of all quality related documentation and records including the maintenance of web-based interfaces for document access and data entry.
- Coordinate the training, evaluation and approval of new users to relevant equipment.
- Manage the internal audit process inclusive of procedural audits, laboratory/cleanroom audits and health & safety audits.
- Provide backup support for the Stores personnel during holidays or sick leave.
- Where required, provide basic cleanroom user training and basic health & safety training.
- Maintenance of the central purified water system.
- Other tasks as allocated by the Chief Technical Officer.

Qualifications, Skills and Experience Required

Applicants for Technical Officer must hold a Primary degree (NFQ Level 8) in a relevant discipline and should have at least 3 years relevant experience.

Applicants for the Senior Technical Officer must hold an NFQ Level 9 degree in a relevant discipline and 3 years relevant experience.

Candidates 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 skill and a high technical expertise are a prerequisite. Applications from candidates with experience in one or more of the following areas would be particularly welcome:

- Microbiology - including cultivation of bacteria and fungi
- Cell biology - mammalian cell culture
- Biochemistry - enzyme and protein analysis
- Bioprocess Engineering - use of bioreactors, data acquisition and bioprocessing control
- Bioinformatics
- Mass Spectrometry
- Flow Cytometry
- Light Microscopy

The candidate should also have:

- Excellent technical, communication and interpersonal skills. He/she will also have a flexible approach to work and a willingness to assist with new developments in line with University Strategy.

- An excellent knowledge of health and safety legislation as it pertains to workshop facilities, the ability to work with faculty, researchers and students at all levels and excellent IT skills are also required.
- The ability to prioritise work, work to tight deadlines and take responsibility for project deliverables is key to this role.

Essential Training

The post holder will be required to undertake the following mandatory compliance training: Orientation, Health and Safety, Research Integrity and Intellectual Property and Data Protection training. Other training may need to be undertaken when required.