



JOB DESCRIPTION

STEM Teacher Internship Programme Manager CASTeL/School of Physical Sciences Fixed Term Contract (Maternity Cover 28 March 2022 - 31 December 2022)

Dublin City University

Dublin City University www.DCU.ie is a young, ambitious and vibrant University, with a mission 'to transform lives and societies through education, research, innovation and engagement'. Known as Ireland's 'University of Enterprise and Transformation', it is committed to the development of talent, and the discovery and translation of knowledge that advances society and the economy. DCU is the Sunday Times Irish University of the Year 2021.

The University is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. It currently has more than 18,000 students enrolled across five faculties – Science and Health, DCU Business School, Computing and Engineering, Humanities and Social Sciences and DCU Institute of Education. DCU is committed to excellence across all its activities. This is demonstrated by its world-class research initiatives, its cutting-edge approach to teaching and learning, its focus on creating a transformative student experience, and its positive social and economic impact. This exceptional commitment on the part of its staff and students has led to DCU's ranking among the top 2% of universities globally. It also consistently features in the world's Top 100 Young Universities (currently in QS Top 70 Under 50, Times Higher Top 150 Under 100).

DCU is placed 84th in the world, in the Times Higher Education University Impact Rankings – measuring higher education institutions' contributions towards the UN Sustainable Development Goals. Over the past decade, DCU has also been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

STEM Teacher Internship (STInt) programme

The STInt programme (<http://castel.ie/stem-teacher-internships/>) aims to inform teaching and learning practice, provide role models and inspire future generations of students (particularly girls) to enhance their knowledge of STEM/careers and foster sustainable school-industry collaborations. These aims will be achieved through facilitating STEM internships for preservice and in-service teachers of STEM subjects, both at primary and second level across Ireland. Many studies have shown that teachers are significant influencers on a student's career choice. The STInt programme provides opportunities for teachers to complete paid summer STEM Internships (12 weeks) and apply their STEM knowledge and skills in an industrial context. This placement allows teachers to acquire first-hand experience of the roles and careers of STEM professionals and thus gain a deeper understanding of the applications and impacts of STEM in authentic real world settings.

The STInt programme has evolved from a pilot initiated by CASTeL at DCU, together with the 30% Club and Accenture in 2016 and has rapidly expanded to facilitate on-site, remote and hybrid internships across Ireland over the past six years. In 2022, the STInt programme aims to offer 75 internships to pre-service teachers from DCU, UCD, MU and UL in partnership with 35 host organisations – Abbvie, Accenture, AIB, Alcon, Alexion, APC & VLE Therapeutics, Apple, Astellas, Bank of Ireland, Boston

Scientific, Citi Bank, CÚRAM, Deloitte, DIAS Dunsink Observatory, Eirgrid, Ericsson, Ervia - Irish Water, ESB, EY, Fidelity Investments, Future Neuro, IBM, Intel Movidius, Intel MPE, Jabil, Microsoft, MSD, PwC, Simply Blue Group, SSE Airtricity, Stryker, Vistamilk, Vodafone and Xilinx.

Role Profile

Applications for the position of Programme Manager with a proven track record and expertise in programme management in academic and/or industry, are now invited. The successful candidate will play a key role in managing collaboration and communication between academic and industry partners, recruitment and placement of STInt Interns and the managing programme activities and procedures for national implementation. In particular, the successful candidate will be expected to increase the number of internship placements available annually and initiate new host organisations into the programme.

Duties and Responsibilities

The main duties and responsibilities of this role include but are not limited to:

- Manage programme activities with hosts and interns participating in 2022 programme
- Grow the programme to increase the number placements available in new and existing companies in 2023
- Coordinate with Programme Coordinators and Advisory Board members to lead the strategic direction of the programme
- Onboard a range of new companies across Ireland to provide suitable STEM experiences for interns
- Facilitate additional universities with teacher education programmes to participate in the programme
- Manage process to acquire formal accreditation for the programme within each participating university
- Update and maintain programme website to highlight the opportunities and achievements of the programme
- Update guidelines for new participating organisations and STInt Interns
- Engage with STInt Interns to record their experiences, feedback and testimonials
- Engage with funding agencies to identify and pursue opportunities for continual funding

Reporting to DCU Academic Coordinators, Associate professor Eilish McLoughlin and Professor Deirdre Butler, the STEM Internship Project Manager will focus on coordinating STInt Internship placements in 2022 and 2023 across a wide selection of companies and ensuring the national expansion of this programme.

Qualifications and Experience:

Applicants must hold a minimum of a primary degree or equivalent (NFQ Level 7) in a relevant area, in addition to 3 years' relevant experience in programme management in an academic and/or industry setting.

Applicants must also be able to demonstrate evidence of:

- A proven track record of effective growth of a programme from small to mid-scale
- Excellent interpersonal and communication skills both written and verbal, including negotiation skills
- An ability to work effectively- unsupervised, individually as part of or leading a team
- Proven record of Implementation
- Qualitative and quantitative data analysis skills
- Experience with IT tools relevant to various aspects of the role

Candidates will also ideally have:

- Experience of building and maintaining academic-industry partnerships
- Experience of working in an educational setting
- Familiarity with the issues facing STEM pipelines for future technology job roles

Essential Training

The postholder will be required to undertake the following mandatory compliance training: Orientation, Health & Safety and Data Protection (GDPR). Other training may need to be undertaken when required.