Applications are invited from suitably qualified candidates for the following position

Assistant Professor in Chemistry/Artificial Intelligence
School of Chemical Sciences
Faculty of Science and Health
Fixed term 3-year contract

Introduction
Dublin City University (www.dcu.ie) is a young, dynamic and ambitious university with a distinctive mission to transform lives and societies through education, research and innovation. We are a research-intensive, globally-engaged institution, distinguished by both the quality and impact of our graduates, and focus on the translation of knowledge into societal and economic benefit. Excellence in education and research activities has led to DCU's consistent presence in the rankings of the world's top young universities.

Over its relatively short history has developed a strong reputation nationally and internationally for pioneering innovations in higher education. The university is embarking on a period of significant investment in learning innovation across all of its Faculties. This initiative will help us transform the learning experience of undergraduate students at DCU, reconceptualizing learning opportunities, creating authentic connections between the classroom and enterprise, and embedding digital literacies, disciplinary competencies and transversal skills required to truly future-proof our graduates for the rapidly changing workplace. DCU is joined in this project by a strong consortium of enterprise partners, representing key employment sectors in the Irish economy and with a strong presence in DCU's primary catchment area. This programme of innovation is funded under the Irish government's Human Capital Initiative (HCI) supported by the National Training Fund. It will deliver on the ambitions we have to reimagine undergraduate curricula and to embed innovative pedagogies, enhanced use of technology and deep industry engagement.

School of Chemical Sciences
The School of Chemical Sciences, is one of Ireland's most progressive and highest achieving Schools with outstanding facilities, housed within a modern and dynamic city campus. Our goal is to develop graduates with the ability to critically evaluate, and then to solve, chemical and pharmaceutical problems, preparing the highest quality graduates capable of meeting the challenges of modern industry and research. The School is highly successful at attracting large scale research funding, with our researchers having roles within nationally significant university/industry collaborative initiatives and European funded Integrated Training Networks. The School of Chemical Sciences is one of the leading academic schools within DCU. The School is ranked in the top 300 chemistry schools/departments in the world (QS Rankings), a reflection of the School's ambitious research

activities and its undergraduate/postgraduate degree programmes. These programmes include Common Entry into Chemical Sciences, the School's two core undergraduate programmes, namely the BSc in Analytical Science and the BSc in Chemical and Pharmaceutical Sciences as well as the BSc in Environmental Science & Technology and BSc in Science Education. The School is currently expanding the number of undergraduate degree courses to include Chemistry with Artificial Intelligence.

Relationships

The position will report to the Head of School and work closely with other colleagues, the Teaching Convenor/Associate Dean of Teaching and Learning and industry partners. Building positive relationships with professional support staff and technical and pedagogy specialists and engagement with key stakeholders within and outside of DCU is an important part of this role.

The Role

The appointee will be expected to support the School in implementing an innovative curriculum project, specifically

- developing and delivering a new bachelors programme/specialism in Chemistry with Artificial Intelligence, ensuring an industry engaged, research-led approach, integration of challenge based learning, digital tools and hybrid delivery.
- broader implementation of teaching approaches into other target programmes in the school, and
- engaging with university-wide elements of the initiative including cross faculty cooperation, project evaluation and reporting.

Duties and Responsibilities

Please refer to the job description for a list of duties associated to this post.

Applicant Requirements

- Applicants must hold an honours degree in chemistry, and should be qualified to a post-graduate level with a PhD specialism in chemistry/artificial intelligence/computational chemistry, or a related discipline.
- The successful candidates should ideally have a minimum of three years relevant post-doctoral experience.
- Applicants must have demonstrated teaching experience at undergraduate and/or postgraduate level, ideally including experience in innovative pedagogies and/or assessments, international and/or online or technology-assisted teaching.
- The successful applicants will also have demonstrated potential to establish an independent research programme and attract research funding from competitive research funding schemes and/or industry.
- Candidates should demonstrate excellent interpersonal and communication skills consistent with the highest quality of teaching and learning, together with evidence of successful teamwork and a collegial approach

Mandatory 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.

Salary Scale
Assistant Professor (Above bar) €54,163 - €86,182*
Appointment will be commensurate with qualifications and experience, and will be made on the appropriate point of the relevant salary scale in line with current Government pay policy.

Closing date: Friday, 4 June 2021

Further Information
More information on the School of Chemical Sciences and its programmes can be found at: www.dcu.ie/chemistry

For more information on DCU and benefits, please visit Why work at DCU?

Informal Enquiries in relation to this role should be directed to:
Informal enquiries may be addressed to Prof Silvia Giordani, School of Chemical Sciences, Dublin City University, Dublin 9, Ireland. E-mail: chemistry.headofschool@dcu.ie Tel: +353 (0)1 700 6459
Please do not send applications to this email address, instead apply as described below.

Application Procedure:
Application forms are available from the DCU Current Vacancies website at
https://www.dcu.ie/hr/vacancies-current-vacancies-external-applicants (external applicants)
Applications should be submitted by e-mail with your completed application form to
hr.applications@dcu.ie
Please clearly state the role that you are applying for in your application and email subject line:
Job Ref HCI3F31 Assistant Professor in Chemistry/Artificial Intelligence

Dublin City University is an equal opportunities employer.

In line with the Employment Equality Acts 1998 – 2015, the University is committed to equality of treatment for all those who engage with its recruitment, selection and appointment processes.

The University's Athena SWAN Bronze Award signifies the University's commitment to promoting gender equality and addressing any gender pay gaps. Information on a range of university policies aimed at creating a supportive and flexible work environment are available in the DCU Policy Starter Packs