



Applications are invited from suitably qualified candidates for the following position

**Assistant Professor in Computational Chemistry**  
**School of Chemical Sciences**  
**Faculty of Science and Health**  
**Permanent**

**Dublin City University**

Dublin City University (DCU) 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', DCU is a values-based institution, committed to the delivery of impact for the public good. DCU was named Sunday Times Irish University of the Year 2021.

DCU is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. More than 18,000 students are 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 delivering a transformative student experience, and its positive social and economic impact. The university continues to develop innovative programmes in collaboration with industry, such as the DCU Futures suite of degrees, which are designed to equip graduates with the skills and knowledge required in a rapidly evolving economy.

DCU's pursuit of excellence has led to its current ranking among the top 2% of universities globally. It is also one of the world's Top Young Universities (QS Top 100 Under 50, Times Higher Top 150 Under 100). In the Times Higher Education University Impact Rankings 2021, DCU ranked 23rd in the world for its approach to widening participation in higher education and its ongoing commitment to eradicating poverty, while it ranks 38th globally for its work in reducing inequality and 89th globally for gender equality.

The university is ranked 23rd in the world and first in Ireland for its graduate employment rate, according to the 2020 QS Graduate Employability Rankings. Over the past decade, DCU has been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

**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 undergraduate programmes include the BSc in Analytical Science, the BSc in Chemical and Pharmaceutical Sciences, and the BSc in Chemistry with Artificial Intelligence. The School also contributes to the BSc in Environmental Science & Technology and BSc in Science Education.

### **Role Profile**

The School plans to make an appointment at Assistant Professor level in Computational Chemistry (permanent post), who will enhance and consolidate research in at least one of its three key research themes: Climate Action – Energy, Water & Sustainability; Advanced Materials & Devices; Therapeutics & Diagnostics. The successful individual will also be expected to contribute to teaching, curriculum development, programme administration, placement supervision, research supervision and administrative activities in the School and University, across all levels. The appointee will also be expected to assist the School in implementing an innovative curriculum project, specifically delivering into the new bachelor programme in Chemistry with Artificial Intelligence. The candidate will report to the Head of School and work closely with other colleagues.

### **Duties and Responsibilities**

Please refer to the job description for a list of duties and responsibilities associated with this role.

### **Qualifications and Experience**

#### **Essential:**

- Individuals must hold a Ph.D with a track record of research in the area of computational chemistry that includes senior/first author publications.
- Have a research profile that demonstrates a pathway to future research independence such as Fellowship, Co-Investigator, Collaborator and/or Principal Investigator grant applications to date.

*Candidates must also be able to demonstrate evidence of:*

- Excellent interpersonal and communication skills consistent with the highest quality of teaching and learning, together with evidence of successful teamwork and a collegial approach
- An education background that can deliver computational chemistry related modules to our core undergraduate/postgraduate programmes.

#### **Desirable:**

- Experience in high quality university-level teaching (Level 8 and/or 9).

Three years' relevant post-doctoral experience or industrial experience.

### **Essential Training**

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

**Salary Scale:**

Assistant Professor (Above bar) €55,252 - €88,547\*

*\*Appointment will be commensurate with qualifications and experience and in line with current Government pay policy*

**Closing date:** Monday 15<sup>th</sup> August 2022

For more information on DCU and our benefits, please visit [Why work at DCU?](#)

**Informal Enquiries in relation to this role should be directed to:**

Prof Silvia Giordani, Head of School of Chemical Sciences, Faculty of Science and Health, Dublin City University.

Phone + 353 (0)1 7006459 E-mail: [chemistry.headofschool@dcu.ie](mailto:chemistry.headofschool@dcu.ie)

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>

Applications should be submitted by e-mail with your completed application form to [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie)

**Please clearly state the role that you are applying for in your application and email subject line:  
Job Ref #BC220613 Assistant Professor in Computational Chemistry**

*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](#)*