



Applications are invited from suitably qualified candidates for the following position:

Postdoctoral Researcher in Organic/Polymer Chemistry

Level 1 DCU Career Framework

School of Chemical Sciences

Fixed Term Contract up to 2 years

As part of this role the researcher will be required to participate in the DCU Research Career Framework. This framework is designed to provide significant professional development opportunities to Researchers and offer the best opportunities in terms of a wider career path

Dublin City University www.dcu.ie is a research intensive, globally engaged, dynamic institution which has developed its own research specialists, established internationally recognised centres of excellence that have substantive collaborative links with leading universities and industrial partners. DCU is distinguished both by the quality and impact of its graduates and by its focus on the translation of knowledge into societal and economic benefit. Through its mission to transform lives and societies through education, research and innovation DCU acts as an agent of social, cultural and economic progress. DCU is Ireland's fastest growing university and now hosts more than 17,000 students across its three academic campuses: DCU Glasnevin Campus, DCU St Patrick's Campus and DCU All hallows campus. DCU has a strong track record in attracting both Irish and European Union research funding under Horizon 2020 (and all previous Framework Programmes), Marie Curie Actions and Erasmus. We offer a dynamic and internationally-focused environment in which to advance your academic career.

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 the modern industry and research. The School is highly successful at attracting large scale research funding, with our researchers having significant roles within nationally significant university/industry collaborative initiatives and European funded Integrated Training Networks. The School is one of the leading academic schools within DCU and 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.

Project Profile – Organic/Polymer Chemistry

The project involves the synthesis and photochemistry of polymers and organic dyes for antimicrobial applications, and will involve collaborating with microbiology colleagues.

We are now seeking an experienced and talented postdoctoral scientist with a background in organic synthesis, and an interest in polymer chemistry to join our team. Experience in organometallic chemistry or photochemistry would also be desirable.

Duties & Responsibilities

See Job Description for a list of duties and responsibilities associated with this post.

Candidate Requirements

Essential:

- a PhD, preferably in synthetic organic chemistry or synthetic polymer chemistry
- capable of working independently with a high degree of technical competence
- a team player, he/she must demonstrate initiative, be hard working, versatile and productive.
- excellent written and oral proficiency in English
- Ability to communicate effectively both written (for presentations) and verbal (for conference talks)
- ability to prioritise workload and work to exacting deadlines
- ability to work in a multi-disciplinary team and to take responsibility to contribute to the success of the team

Desirable:

- experience in organometallic synthesis, as well as experience in spectroscopic measurements
- experience in photochemistry

Mandatory Training

The post holder will be required to undertake the following mandatory training: GDPR, Orientation and Compliance.

Candidates will be assessed on the following competencies:

Discipline knowledge and Research skills – Demonstrates knowledge of their research discipline and the ability to conduct a specific programme of research within that discipline

Understanding the Research Environment – Demonstrates an awareness of the research environment (for example funding bodies and stake-holders) and the ability to contribute to grant applications and funding initiatives

Communicating Research – Demonstrates the ability to communicate their research with their peers and the wider research community (for example presenting at conferences and publishing research in relevant journals) and the potential to teach and tutor students

Managing & Leadership skills - Demonstrates the potential to manage a research project including the supervision of undergraduate students

Salary Scales: *IUA Post Doctoral Researcher Salary Scale: €38,631 - €39,186

**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 30 July 2021

Informal enquiries to: Dr Mary Pryce, School of Chemical Sciences, Dublin City University; Email: mary.pryce@dcu.ie; Tel: 00 353 1 700 8005. *Do not send applications to this address. Instead, apply using the procedure set out below.*

Application Procedure: Application forms are available from the DCU Current Vacancies website at <https://www.dcu.ie/hr/vacancies/current.shtml>. Applications must be submitted by e-mail to hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application form and email subject line: **Job Ref: #RF1442AB Post Doctoral Researcher in Polymer Chemistry, School of Chemical Sciences.**

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](#)