



Research Centre: DCU Water Institute  
Post title: Postdoctoral Researcher in Environmental Assessment of Phthalates  
Level on Framework: Level 1  
Post duration: 3-Year Fixed Term Contract

### **Research Career Framework**

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.

### **Overview**

DCU Water Institute is a large, multidisciplinary research unit based in state-of-the-art facilities situated on the campus of Dublin City University. Arising from success in recent proposals we are now seeking applications for the following research position in DCU.

### **Background and Role**

We are seeking an experienced scientist/engineer with a background in environmental monitoring to work as part of a multidisciplinary team on an ambitious project focused on the occurrence, fates and sources of phthalates in the Irish environment. The role is focussed on development of analytical protocols for sampling and assessment of phthalates in a variety of environmental matrices, including active and passive sampling, and an assessment of the impact of phthalates on human health. It forms part of a project funded by the Environmental Protection Agency. This multi-institutional programme involves collaborators from DCU, Arizona State University (ASU) and the Norwegian Institute for Water Research (NIVA). The duration of this role will be 3 years.

### **Principal Duties and Responsibilities**

Reporting to his/her Principal Investigator the Postdoctoral Researcher will:

- Conduct, with a very high degree of technical competence a specified programme of research and scholarship under the supervision and direction of the Principal Investigator
- Disseminate the outcomes of the research in which he/she is engaged including publishing in high quality peer reviewed journals of international standing.
- Support the PI and research group in the design and development and implementation of the broader research programme.
- Support if required, the development of proposals for research funding.

- Take responsibility as requested for day-to-day advice and support of graduate research students associated with your research group.
- Mentor, assist and train as appropriate and as directed, the research graduate students and more junior postdoctoral fellows within the group.
- Contribute to reporting, site visit preparation and other administrative management work associated with your programme of research and the research group.
- Contribute to teaching and outreach activities of the group.
- Liaise with stakeholders such as industry and collaborators.
- Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or Research Centre, or the University.
- Carry out administrative work associated with the programme of research as necessary.

### **Minimum Criteria**

The candidate should have a PhD in analytical chemistry, chemistry or chemical engineering and significant experience in environmental monitoring and assessment, with experience in testing of phthalates an advantage. Experience in sampling of matrices including soil, water and solid waste (e.g. municipal waste), and in construction and deployment of passive sampling devices is also highly desirable. The candidate should be experienced in analytical techniques including HPLC, Mass spectroscopy, FTIR etc. The candidate should be capable of working independently with a high degree of technical competence and whilst also being a team player, he/she must demonstrate initiative, be hard working, versatile and productive. S/he should have good communication and organisational skills.

Salary scale: **\*€37,750 - €46,255 per annum**

\*Appointment will be commensurate with qualifications and experience and in line with IUA Researcher Salary scales.

Closing date: **Monday 11<sup>th</sup> January 2016**

### **Candidates will be assessed on the following competencies:**

Discipline knowledge and research skills – Demonstrates knowledge of a 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 the ability to contribute to grant applications.

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.

**Informal enquiries to:**

Dr. Jenny Lawler, School of Biotechnology, DCU, Dublin 9, Ireland

E-mail: [jenny.lawler@dcu.ie](mailto:jenny.lawler@dcu.ie)

Phone: +353 (0)1 7005394

Please do not send applications to this email address, instead apply as described below.

**Application Procedure**

To apply for this role, applications should include a CV and covering letter and be submitted with the application form to the Human Resources Department as outlined below. Application forms are available from the DCU Current Vacancies (open Competitions) website at <http://www.dcu.ie/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 700 5149

Please clearly state the role that you are applying for in your application and email subject line: **Job Ref # 235 Postdoctoral Researcher in Environmental Assessment of Phthalates**

Applications should be submitted by email to [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie) or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 1 700 5149; Fax: +353 1 700 5500 Email: [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie)

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