

Research Assistant

Materials Chemistry and Analytical Characterisation

(6-month contract)

**Adaptive Sensors Group, CLARITY Centre for Sensor Web Technologies
National Centre for Sensor Research
Dublin City University**

Overview

The Adaptive Sensors Group (ASG, see www.adaptivesensors.com/) is a large, multidisciplinary research unit hosted by the National Centre for Sensor Research (NCSR), in state-of-the-art facilities situated on the campus of Dublin City University. Core funding for the ASG is provided by Science Foundation Ireland through the CLARITY CSET (www.clarity-centre.org), supplemented by significant project based income provided by Enterprise Ireland, the Marine Institute, EPA, EU-FP7, and Industry partners.

A **Research Assistant/Postdoctoral Researcher** position is available to support a number of projects with a common activity mainly focused on analytical method development, but also including materials chemistry, particularly related to polymer/gel formulation, film deposition techniques and materials characterisation using physical and chemical techniques. He/she will join a multidisciplinary group whose ethos is close team-working and mutual support across a range of projects, drawing on combined expertise ranging across mechanical/electronic engineering, computer science, wireless communications, web database management, environmental science, materials science, and analytical chemistry.

Duties and Responsibilities

Reporting to Professor Dermot Diamond, he/she will:

- Work closely on a day to day basis with team members leading the projects
- Prepare reports on laboratory experiments for circulation to project partners
- Attend project meetings in DCU, and externally, if required.
- Attend, and contribute to, group meetings
- Maintain an up-to-date profile on the group website
- Undertake other duties as assigned by Professor Diamond

Experience and Qualifications:

Candidates must have a primary degree in analytical science or materials chemistry or a related subject. A higher degree in which Materials/Polymer Chemistry coupled with physico/chemical characterisation techniques was a significant component would be an advantage.

Informal enquiries to:

Professor Dermot Diamond

Email: dermot.diamond@dcu.ie

Closing date: 19th December 2011

Salary will be commensurate with experience and qualifications.

Application forms are available from:

www.dcu.ie/vacancies/APPLICATION_FORM_8pg.doc and from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149; Fax: +353 (0)1 700 5500; Email: hr.applications@dcu.ie

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