Based at Dublin City University (DCU), the Biomedical Diagnostics Institute (www.bdi.ie) was established in 2005 through a Science Foundation Ireland Centre for Science, Engineering & Technology (CSET) award, in addition to significant industry funding. The BDI carries out cutting edge research focused on the development of next-generation biomedical diagnostic devices measuring indicators of disease. Our world-class research team currently includes four industry partners (Analog Devices, Becton Dickinson, Inverness Medical Innovations and BiosurfIt), and five clinical and academic partners including the Royal College of Surgeons Ireland (RCSI) in Dublin, the National Centre for Biomedical Engineering Science (NCBES) at NUI Galway, Tyndall National Institute (TNI) in University College Cork, Trinity College Dublin (TCD) and the host institution at Dublin City University (DCU).

Role:
This is an exciting opportunity for a highly motivated individual to join a small dynamic research team working on the development of a cutting-edge mHealth technology. The successful candidate will contribute to the development of a novel biochip that forms part of a highly innovative technology that will enable patients with chronic inflammatory disease to monitor their conditions in the home.

Duties and Responsibilities:
The successful candidate will:

- Provide technical support for immunoassay development activities
- Design and fabricate miniaturised microfluidic biochip
- Develop and validate working prototypes for clinical application

Requirements and Qualifications:
Candidates should possess an honours degree in a relevant discipline (mechanical engineering, biomedical engineering, biotechnology, microsystems or equivalent). Qualification to Master’s level would be highly desirable. Laboratory skill is an essential requirement. The successful candidate will be required to develop a novel microfluidic biochip and be responsible for its integration and validation. The candidate will work within a multidisciplinary team and have strong oral and written communication skills.

Experience of miniaturisation, microfluidics or polymer fabrication techniques would be very advantageous.

Location:
This position will be based in the new laboratory facilities of the Biomedical Diagnostics Institute on the modern Dublin City University campus.

Salary: €21,850 - €26,873
*Subject to experience & qualifications

Closing Date: 19th October 2012
Informal Queries:  Dr. Stephen O'Driscoll, Tel: +353 1 7005842, Email: stephen.odriscoll@dcu.ie

Application forms are available at: http://www.dcu.ie/vacancies/index.shtml and from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 7005149; Fax: +353 (0)1 700 5500; Email: hr.applications@dcu.ie

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