

Biomedical Diagnostics Institute

www.bdi.ie

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 seven industry partners (Analog Devices, J&J Ortho-Clinical Diagnostics, Becton Dickinson, Inverness Medical Innovations, Biosurfit and Millipore), 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). Having recently secured an additional €19.1M from Science Foundation Ireland, and associated funding from our industry partners, we are now seeking applications from suitably qualified research staff to participate in our suite of exciting new research programmes commencing October 2010.

**Post-graduate research studentship:
LABEL-FREE ACOUSTICS IN BIOANALYSIS**

Summary: An opportunity exists for an exceptional graduate student to work with two of Ireland's premier research institutes in a collaborative project between BDI and CRANN based at Trinity College, Dublin. The research will involve the development of label-free bioassays using microelectromechanical systems (MEMS) to detect markers of inflammation and will be a collaboration between Prof. Tony Killard at DCU and Prof. Martin Hegner at TCD.

Requirements: The prospective student should have a First Class or Upper Second Class degree in an appropriate discipline. Project-based experience or a Masters degree in a related area of research would be a distinct advantage. The candidate should also be demonstrating significant future research potential.

Location: This position will involve work at both Dublin City University and Trinity College Dublin.

Stipend: €18,000 pa plus fees of €5,500 pa for three years (Additional fee of €4,500 pa for non-EU students will apply)

Duration: 3 years Full Time

Enquiries: Prof. Tony Killard, BDI, Tel: +44 117 3282147 E-mail: tony.killard@dcu.ie

Applications: CV including two referees & cover letter, by email to tony.killard@dcu.ie

Closing date: Open until position is filled