



**Research Centre**

Insight Centre for Data Analytics

**Post title**

Research Fellow

**Level on Framework**

Level 2

**Post duration**

Fixed Term Up Two Years

### **Research Career Framework**

As part of this role the researcher will be required to participate in the DCU Research Career Framework <http://www.dcu.ie/hr/ResearchersFramework/index.shtml>. This framework is designed to provide significant professional development opportunities to Researchers and offer the best opportunities in terms of a wider career path.

### **Background**

The Insight Centre for Data Analytics (<http://www.insight-centre.org>) is a joint initiative between researchers at Dublin City University, University College Dublin, NUI Galway, and University College Cork, as well as other partner institutions. It brings together a critical mass of more than 400 researchers from Ireland's leading ICT centres to develop a new generation of data analytics technologies in a number of key application areas.

The €88m centre is funded by Science Foundation Ireland and a wide range of industry partners. Insight's research focus encompasses a broad range of data analytics technologies from machine learning, decision analytics and social network analysis to linked data, recommender systems and lifelogging. Together, with more than 50 partner companies, Insight researchers are solving critical challenges in the areas of Connected Health and the Discovery Economy.

The insight centre at DCU brings together 85 full-time researchers and support/administrative staff, drawn from the Faculty of Engineering and Computing, and from the Faculty of Sciences and Health.

## **Function**

We now wish to recruit a Research Fellow on a fixed term contract basis to facilitate the delivery of an industry-sponsored research Targeted Project. Working at the boundary of research and industry, a Targeted Project is a collaborative programme of research between industry and Insight researchers. This role requires in-house development and collaboration with our industry partner to develop a back-end system for a connected health themed research project.

## **Role**

The successful candidate should have completed a PhD in inertial sensing or a closely related discipline and have an interest in human motion analysis, body sensor networks and information fusion. Candidates' publication records will be carefully considered as part of the selection process. Experience in international collaboration and research management would be an advantage.

## **Principal Duties & Responsibilities**

- Conduct a specified programme of research under the supervision and direction of the Principal Investigator.
- Support the PI and research group in the design and development of the research programme.
- Mentor, assist and supervise postgraduate research students and junior research staff as required.
- Assist the PI in the management / co-ordination of key aspects of the research programme (e.g. financial management, reporting, equipment management etc.).
- Engage in the dissemination of the results of the research in which he/she is engaged to the wider research community with the support and under the supervision of the Principal Investigator.
- Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or Research Centre, or the University.
- Engage in teaching and teaching support as assigned by the Head of School under the direction of the Principal Investigator.

- Engage with internal and external stakeholders including academic and industry partners/collaborators as appropriate.
- Carry out administrative work associated with the programme as necessary.
- Contribute to the design and implementation of the project's pre-commercial prototype demonstrators.
- Support the overall the research programme in close collaboration with PhD and postdoctoral level researchers.
- Presentation and documentation of demonstrator systems for our industry sponsor.
- Other tasks relevant to successfully implementing the project's research programme.

**Minimum Criteria:**

Applicants for the position of Research Fellow must have a PhD in a relevant discipline. Applicants shall normally have a minimum of 4 years relevant postdoctoral research experience or equivalent at Level 1 of the Research Career Framework. In addition, it is desirable that applicants have experience in the areas mentioned earlier in describing the role for the position.

**Salary Scale:**                    **\*€51,716 - €56,442 per annum**

*\*Appointments will be commensurate with qualifications and experience, and will be made on the appropriate point of the salary scales, in line with current Government pay policy*

**Closing Date:**                    **10 May 2016**

**Candidates for positions of Research Fellow will be assessed on the following competencies:**

**Discipline knowledge and Research skills** – Demonstrates the ability to design and implement part of a programme of research (for example by using critical thinking and the application of relevant research methodologies)

**Understanding the Research Environment** – Demonstrates a thorough understanding of the research environment both nationally and internationally and the ability to contribute substantially to grant applications

**Communicating Research** – Demonstrates the ability to communicate their research effectively to the research community and wider society (for example by publishing their research in high quality peer reviewed journals) and the ability to teach and tutor students

**Managing & Leadership skills** - Successfully manages research projects including the management and supervision of postgraduates and/or junior research staff

**Informal Enquiries to:**

Professor Noel O'Connor, Insight, DCU, Dublin 9 E-mail: [Noel.OConnor@dcu.ie](mailto:Noel.OConnor@dcu.ie)

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

**Application Procedure**

Application forms are available from the DCU Current Vacancies (open Competitions) website at <http://www.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 700 5149.

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

**Please clearly state the role that you are applying for in your application and email subject line: Job Ref #321: Research Fellow, Insight Centre for Data Analytics**

*Dublin City University is an equal opportunities employer*