



**Applications are invited from suitably qualified candidates for the following position:**

**Research Centre:** Insight SFI Research Centre for Data Analytics

**Post Title:** Research Assistant

**Post Duration:** Fixed Term Contract up to 12 months

### **Dublin City University**

Dublin City University [www.DCU.ie](http://www.DCU.ie) is a young, ambitious and vibrant University, with a mission 'to transform lives and societies through education, research, innovation and engagement'. Known as Ireland's 'University of Enterprise and Transformation', it is committed to the development of talent, and the discovery and translation of knowledge that advances society and the economy. DCU is the Sunday Times Irish University of the Year 2021.

The University is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. It currently has more than 18,000 students enrolled across five faculties – Science and Health, DCU Business School, Computing and Engineering, Humanities and Social Sciences and DCU Institute of Education. DCU is committed to excellence across all its activities. This is demonstrated by its world-class research initiatives, its cutting-edge approach to teaching and learning, its focus on creating a transformative student experience, and its positive social and economic impact. This exceptional commitment on the part of its staff and students has led to DCU's ranking among the top 2% of universities globally. It also consistently features in the world's Top 100 Young Universities (currently in QS Top 70 Under 50, Times Higher Top 150 Under 100).

DCU is placed 84th in the world, in the Times Higher Education University Impact Rankings – measuring higher education institutions' contributions towards the UN Sustainable Development Goals. Over the past decade, DCU has also been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

### **Background**

The Insight SFI Research Centre for Data Analytics (<http://www.insight-centre.org>) is an SFI funded research centre which brings together researchers from University College Dublin, NUI Galway, University College Cork, and Dublin City University, as well as other partner institutions, Trinity College Dublin (TCD), University of Limerick (UL), Maynooth University (MU) and Tyndall National Institute. It creates a critical mass of more than 400 researchers from Ireland's leading ICT clusters to carry out research on a new generation of data analytics technologies in a number of key application domain areas, such as Health and Human Performance, Smart Communities, Internet of Things, Enterprise and Services and Sustainability and Operations.

The €150m Centre is funded by Science Foundation Ireland and a wide range of industry and European Union 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 the sensor web. Together, with more than 220 partner companies, Insight researchers are solving critical challenges in the areas of Connected Health and the Discovery Economy.

### **The Project**

The INCLUDE Project (Integrating National Repositories for the Cooperation Linkage and Understanding of a Data Driven approach to the needs of Excluded people) is focused on creating new datasets for healthcare analyses.

In Ireland, there is a lack of an integrated data set which can be used to identify people who are socially excluded and to examine the patterns of ill health and healthcare utilization to inform interventions to improve health equity. The project proposes to develop and validate an accessible integrated longitudinal national-level database of health and social care utilisation with a derived variable to identify those who are socially excluded. This information will be used by the lead knowledge users, PIs and collaborators to design national pathways and plan services to reduce health inequality.

### **The Role**

The successful candidate will be involved in the integration of several key healthcare systems in order to create data assets for the purpose of analysis, decision making and machine learning.

### **Duties and Responsibilities**

Please refer to the job description for a list of duties and responsibilities associated with this role.

### **Qualifications and experience**

#### **Minimum Criteria**

You must hold a primary degree (NFQ Level 8) in a relevant discipline and should have at least have 1 year of relevant experience.

#### **Skills**

- Excellent written and oral proficiency in English (essential)
- Excellent written and verbal communication and interpersonal skills
- Proven ability to prioritize workload and work to strict deadlines
- Ability to work in a team and to take responsibility to contribute to the overall success of the team
- Strong problem solving abilities

#### **Essential Training**

The post holder will be required to undertake the following mandatory compliance training: Orientation, Health and Safety, Research Integrity and Intellectual Property and Data Protection training. Other training may need to be undertaken when required. All of these training courses are provided within DCU.

## **Additional Information**

**Salary Scale:** €27,109 - €36,422

*\*Appointment will be commensurate with qualifications and experience and in line with current Government pay policy.*

**Closing date:** 7<sup>th</sup> January 2022

**Informal enquiries to:** Dr. Mark Roantree, mark.roantree@dcu.ie , Professor of Computing, Insight@DCU

## **Application Procedure**

Application forms are available from the DCU Current Vacancies website at <https://www.dcu.ie/hr/vacancies-current-vacancies-external-applicants> (external applicants).

Applications should be submitted by e-mail with your completed application form to [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie)

**Please clearly state the role that you are applying for in your application and email subject line: #RF1600 Research Assistant INCLUDE Project**

*Dublin City University is an equal opportunities employer.*

*In line with the Employment Equality Acts 1998 – 2015, the University is committed to equality of treatment for all those who engage with its recruitment, selection and appointment processes.*

*The University's Athena SWAN Bronze Award signifies the University's commitment to promoting gender equality and addressing any gender pay gaps. Information on a range of university policies aimed at creating a supportive and flexible work environment are available in the [DCU Policy Starter Packs](#)*