



**School Of Nursing and Human Sciences**  
**Research Assistant (CAPTAIN Project)**  
**Fixed Term Contract up to Two Years**

**Background**

Dublin City University ([www.dcu.ie](http://www.dcu.ie)) is a research-intensive, globally-engaged, dynamic institution that is distinguished by both the quality and impact of its graduates, and its focus on the translation of knowledge into societal and economic benefit. DCU prepares its students well for success in life, and in the workplace, by providing a high-quality rounded education appropriate to the challenges and opportunities of the 21st century. Excellence in its education and research activities has led to DCU's consistent presence in the rankings of the world's top young universities.

DCU has a strong track record in attracting both Irish and European Union funding under FP7, Horizon 2020, Marie Curie Actions and Erasmus. We offer a dynamic and internationally focused environment in which to advance your academic career.

**Overview:**

The School of Nursing and Human Sciences at DCU is a leader in its field with expertise in the provision of psychology, nursing, psychotherapy, sexuality studies, health & society and other health and social care multidisciplinary educational and research programmes.

CAPTAIN (Coach Assistant via Projected and TAngible INterface) is an EU H2020 funded project that uses innovative 'transparent' technology designed to turn the home of the older adult into a ubiquitous personalised 'coaching assistant' specifically designed to compensate for physical and cognitive impairments encountered during everyday living. This project combines the use of projected augmented reality, 3D sensing technologies, speech analysis, non-invasive physiological and emotional data analysis (e.g. facial micro-expressions and body pose) to provide contextualised (e.g. directly projected onto the real world) and personalised coaching to older adults living at home.

**Role:**

We are seeking an experienced and enthusiastic researcher to join the CAPTAIN team based in the School of Nursing and Human Sciences. The candidate will engage in aspects of research such as literature review, qualitative and quantitative data collection and analysis, writing and editing, and more generally assist in the preparation of academic manuscripts/publications and dissemination to lay audiences. The duration of this role will be two years.

**Principal duties and responsibilities:**

Reporting to the Principal Investigator, the Research Assistant will:

- Conduct with a high degree of competence a specified programme of research under the supervision and direction of the Principle investigator. This will include:
  - Preparation of the ethical approval documentation; recruiting participants and stakeholders and supporting the implementation, delivery and evaluation of the intervention;
  - Literature reviews to support the project deliverables;
  - Delivery of project outputs and reports as required by the project schedule;
  - Administrative work associated with the programme of research as necessary.
- Liaise with national and international clinical and technical partners in the CAPTAIN network, and with stakeholders such health and social care professionals, industry, participants and collaborators.
- Engage in dissemination of results at network and project events, and national and international conferences, and support the publication of research outputs in high impact international journals and to a lay audience.
- Support as required, the development of proposals for research funding.
- Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or the University.
- Variation of these duties and any other relevant duties as assigned by the Principal Investigator.

**Minimum criteria**

Applicants should have a primary degree in psychology, in a social science or in a related health discipline. Previous, demonstrable experience of health or social care research is essential. Experience working with older adults and/or with assistive technologies would be an advantage. Applicants should also have:

- Excellent written and oral proficiency in English.
- Strong written and verbal communication and interpersonal skills.
- Evidence of empirical research skills.
- Skills in the design, management and conduct of research.
- Demonstrable ability to work independently and as a team member within a multidisciplinary team.
- Proven ability to prioritise workload and work to strict deadlines.
- Good attention to detail.

In addition, it is desirable that applications have:

- Quantitative methods skills.
- Qualitative data collection and analysis skills.
- Academic article writing skills.
- Presentation skills.
- Knowledge of some of the relevant academic literature in the general area of assistive technologies and health research.

**Closing date:** 9<sup>th</sup> July 2018

**Salary scales:** \*€22,609 - €32,724

*\*Appointment will be commensurate with qualifications and experience, and will be made on the appropriate point of the IUA Researcher (Research Assistant) salary scale in line with current Government pay policy.*

**Informal enquiries to:**

Dr Louise Hopper, School of Nursing and Human Sciences Dublin City University Dublin 9 Ireland.

Email: [louise.hopper@dcu.ie](mailto:louise.hopper@dcu.ie) Phone + 353 (0)1 7008540

*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 <https://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 electronically by email, fax or post to the Human Resources Department, Dublin City University, Dublin 9. Human Resources Department, Dublin City University,

Tel: +353 1 700 5149; Fax: +353 1 700 5500, Email: [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: Job Reference # 921 Research Assistant (Captain Project), School of Nursing and Human Sciences.**

***Dublin City University is an equal opportunities employer***