



JOB DESCRIPTION

Research Centre School of Psychology & Centre for eIntegrated Care (CeIC)
Faculty of Science and Health

Post Title Research Fellow– NEX Project

Level on Framework Level 3

Post Duration 8-month Fixed Term Contract (Jan 2022-Aug 2022)

Dublin City University

Dublin City University 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.

The School of Psychology

Established in 2019, DCU’s School of Psychology is an ambitious and research intensive School in the Faculty of Science and Health. It is composed of experienced and dedicated staff with expertise in a broad range of areas within the field of psychology. The School brings together our flagship BSc in Psychology, which has been running since 2010, the new BSc in Psychology and Mathematics and BSc in Psychology and Disruptive Technologies and our suite of postgraduate courses including the MSc Psychology (Conversion) and the MSc Psychology and Wellbeing. It continues to build on our longstanding research activity and collaborations, and its thriving community engagement. The School is student-centred, research-intensive, globally engaged, collaborative and inclusive. It offers an innovative and exciting environment in which to pursue undergraduate and postgraduate studies in psychology and to undertake cutting-edge research.



Centre for eIntegrated Care (CeIC)

The Centre for eIntegrated Care (CeIC) at the School of Nursing, Psychotherapy and Community Health in DCU aims to improve health and social care for citizens by advancing access to integrated care records. The centre brings together academic research expertise from within DCU as well as industry partners, health and social care practitioners, patients and citizens.

Role Profile

The NEX project is seeking to recruit an experienced Research Fellow for the trial phase of an innovative health and social care home monitoring project. The DCU collaboration are working in partnership with industry partners Davra and Danalto. The final phase of this 36-month project builds on a user needs and requirements study (conducted in 2020) that informed the design and development of a technological system to support independent living. The initial design underwent community based testing in a friendly trial (conducted in 2021) and will proceed to an Action Research Cycle (ARC) trial in the community in 2022. This exciting project has the capacity to contribute positively to health and social care service provision for older adults living at home.

The Research Fellow will be based in the School of Psychology and the CeIC and will report to Principal Investigators in the School of Psychology. The research fellow will work closely with all members of the NEX research team. Fieldwork will be undertaken at participating health and social care locations and in participant's homes.

Research Career Framework

As part of this role the successful applicant will be required to participate in the DCU Research Career Framework <https://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.

Principal duties and responsibilities

The duties and responsibilities of the Research Fellow include but are not limited to the following;

- Take a lead role in the development of detailed protocols for participant recruitment and optimal training to improve self-assurance and ease of technology use during the ARC trial
- Take a lead role in the analysis, interpretation and communication of the reasons and significance of deviations in behaviour patterns in trial participants
- Design and conduct a process evaluation of the ARC trial
- Disseminate the outcomes of the research in which they are engaged, including publishing in high quality peer reviewed journals of international standing and delivery of presentations at conferences and seminars.
- Coordinate relationships and communications between research participants, CeIC, Insight and industry partners.
- Identify and secure external sources of funding and manage budgets and resources accordingly.
- Manage and conduct administrative and management tasks associated with your programme of research.

Candidate Requirements



Applicants must have a PhD in a relevant area such as psychology, nursing, social science, health technology research, or related disciplines relevant to the research topic. It is essential that the applicant has experience in health or social care research and experience in conducting research with older adult participants. It is essential that the applicant has experience of information and communication technology research as it relates to health behaviour change, and of designing and conducting process evaluations of health technology interventions. Excellent communication, interpersonal and organisational skills, being able to take initiative and work under pressure to tight deadlines and the ability to work effectively within an interdisciplinary team are also required. In addition, it is essential that the candidate has well-developed qualitative and quantitative research skills with an excellent publication track record.

Candidates will be assessed on the following competencies:

Discipline knowledge and research skills – Demonstrates the ability to design and implement a substantial programme of research including initiating and leading research programmes related to information and communication technology, and health behaviour change, in a health or social care environment.

Communication skills – Demonstrates excellence in communicating their research nationally and internationally to the research community and wider society.

Understanding the Research Environment– Demonstrates a thorough understanding of the research environment both nationally and internationally, the ability to secure significant research funding and where relevant the ability to apply for intellectual property rights and/or patents for their research.

Managing and leadership skills –Successfully manages health/ICT related research and evaluation programmes including the management and supervision of a small research team and the financial management of research programmes.

Essential Training

The post holder will be required to undertake the following essential compliance training: GDPR and compliance. Other training may need to be undertaken when required.