



Research Centre	Centre for Assessment Research and Policy in Education (CARPE)
Post Title	Post-Doctoral Researcher in Assessment
Level on Framework	Level 2
Post duration	3 year fixed term contract

As part of this role the researchers will be required to participate in the DCU Research Career Framework. 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 & Role

Dublin City University (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. As Ireland's University of Enterprise, it is characterised by a focus on innovation and entrepreneurship and a track-record of effective engagement with the enterprise sector. Excellence in its education and research activities has led to its consistent position in the rankings of the world's top young universities as seen in its inclusion in the QS Top 50 Under 50 University rankings.

As it enters its next stage of development, and as a core element of its new Institute of Education at DCU, the University has established a Centre for Assessment Research and Policy in Education (CARPE). In partnership with Prometric*, DCU has appointed a Chair in Assessment to provide academic and research leadership in the area of education assessment. The Post-Doctoral Researcher in Assessment will, under the guidance of the Prometric Chair, engage in research of interest to Prometric and to the educational community more broadly.

* Prometric, a wholly-owned subsidiary of ETS, is a trusted and market-leading provider of technology-enabled testing and assessment services with significant operations based in Ireland supporting candidates worldwide who take more than 8 million tests each year.

Principal Duties and Responsibilities

The successful candidate will work with the Prometric Chair and others within the Centre for Assessment Research and Policy in Education (CARPE) on research projects focused on the development and delivery of tests in educational and workplace settings.

Reporting to his/her Principal Investigator the Postdoctoral Researcher will:

- Research solutions to problems in a number of areas of interest, including, but not limited to, test performance across different platforms, validity of inferences from tests, item

- analysis, item cloning, test equating and standard setting.
- Produce top-quality journal and conference publications, in collaboration with the Principal Investigator (PI).
- Identify and write proposals for research funding.
- Participate in CARPE activities, such as research showcases and annual reviews.
- Provide support and advice to PhD students working on similar topics.
- Contribute to teaching and supervision in the Institute of Education.
- Report on progress at meetings and in writing.
- Assist in identifying and developing future research and funding initiatives.
- Engage in the dissemination of the research results in which s/he is engaged, with the support of, and under the supervision of the PI.
- Collaborate with Prometric to maximise PR opportunities through DCU's communications and marketing departments.
- Maintain an up-to-date personal profile on the CARE website.
- Contribute constructively to the team-based ethos within CARPE.
- Engage in appropriate training and development opportunities as required by the PI, or the University.
- Liaise with both internal and external stakeholders, including Prometric.
- Carry out administrative work associated with the programme of research as necessary.

Minimum Criteria

It is essential that applicants have a PhD in in educational assessment, measurement or related area (psychology, psychometrics or equivalent) with a solid foundation in operational psychometrics (test development, item analysis, validity studies etc).

An in-depth understanding of the fundamentals and applications of Classical and Item Response Theory and related software and databases in test development contexts is also required.

The candidate will need also need to demonstrate evidence of excellent research skills (especially quantitative) as well as high levels of competence in written and oral communication.

Evidence of success in research collaborations, in leadership positions and in meeting demanding goals will also be required.

Salary: €37,750 - €46,255

Appointment will be commensurate with qualifications and experience.

Closing date: Monday 14th December 2015

Candidates will be assessed on the following competencies:

Discipline knowledge and Research skills – Demonstrates knowledge of a research discipline and the ability to conduct a specific programme of research within that discipline and in collaboration with industry partners.

Understanding the Research Environment – Demonstrates an awareness of the research environment (for example funding bodies and key industry players) and the ability to contribute to grant applications

Communicating Research – Demonstrates the ability to communicate their research with their peers, with industry partners, and with the wider research community (for example presenting at conferences and publishing research in relevant journals) and the potential to teach and tutor students

Managing & Leadership skills - Demonstrates the potential to manage a research project including the supervision of undergraduate students and to meet industry partner expectations

regarding project turn-around times.

Application Procedure:

Informal Queries to: michael.oleary@spd.dcu.ie

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

Application forms are available from the **DCU Current Vacancies (open Competitions) website** at **<http://www.dcu.ie/vacancies/current.shtml>** and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 7005149.

Please clearly state the role that you are applying for in your application and email subject line: Job reference 224 : Post-Doctoral Researcher in Assessment

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9.

Dublin City University is an equal opportunities employer