PostDoc Job Opportunity

	First Name	Last Name	email	Institute	Address
PI name & contact	Maria Barry	Slowey McMullin	maria.slowey@dcu.ie barry.mcmullin@dcu.ie	DCU	Glasnevin, Dublin 9,
Name & contact details for	Emma	Murphy	emma.murphy@dcu.ie	DCU	Glasnevin, Dublin 9, Ireland.
School:	Office VP Academic Affairs/ DCU School of Electronic Engineering				
Research Centre /	Higher Education Research Centre				
Research group /	https://www.dcu.ie/herc/index.shtml				

Brief summary of research group / centre activity:

The Higher Education Research Centre (HERC) is an interdisciplinary research group, led by Professor Maria Slowey. The Centre undertakes and promotes research in the broad field of higher education and lifelong learning with expertise the area of older adult learners.
Barry McMullin is Executive Dean of the Faculty of Engineering and Computing at DCU and Associate Professor in the DCU School of Electronic Engineering.
The postdoctoral candidate will be hosted by the Higher Education Research Centre and affiliated with the DCU School of Electronic Engineering.

Description of postdoctoral project on offer:
"The phenomenon of global ageing in the 21st century places increased economic and social demands on countries worldwide. However, this same phenomenon provides the world with a precious resource that makes an important contribution to society. While major technological advances have been made in relation to design, learning tools and health promotion there is evidence that full exploitation is hampered due to gaps in understanding of the complexity needs, interests and capacities of older people.

The Age-Friendly Technology project aims to address this gap, helping Ireland and Brazil to take a leadership role in preparing their societies for the multi-faceted opportunities and challenges of an ageing population. It will do this by making strategic use of innovative technologies developed by partner universities, companies and NGOs relevant to learning and wellbeing of older adults.

As part of this project the RBI Postdoctoral researcher will be required to:
• Conduct a literature review and recruit older adult learners for interview to explore potential design gaps, interests and preferences of older adults in relation to life long learning.

• Conduct an audit of all recent projects in Ireland and Brazil by both academics and industry researchers in the area of technology to enhance health and wellness for older adults that could be applied to the field of lifelong learning.

• Identify projects that have produced technologies or a working output/prototype/technique that could be further developed and improved by using a participatory design approach with older adult end users to enhance learning.

• Create a user group of older adults who will be involved in all stages of the research from requirements gathering and evaluation of existing technologies to the development of new tools and interfaces.

• Redesign or develop existing tools or technologies to creating working tools that will create or enhance learning opportunities for older adults and that can be disseminated and used by beneficiaries in Ireland and Brazil.
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Please indicate the core skills or disciplines that are required for this position:
Interface Design, HCI for Older Adults (Specifically experience working with older adults using participatory approaches to design and evaluation), programming, app development

Please indicate the specific programme category under which the proposed postdoctoral project fits:

Information and Communication Technologies (ICTs)