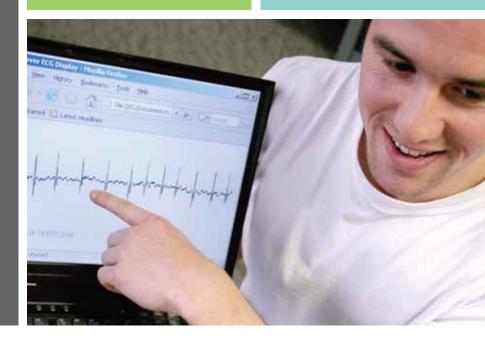# TECHNOLOGY RESEARCH FOR INDEPENDENT LIVING (TRIL)

The Technology Research for Independent Living (TRIL) Centre is a multi-disciplinary collaboration between world-class researchers in academic, clinical and industry settings. TRIL was established to define and profile the ageing process in order to develop technologies that enhance the lives of older adults, resulting in more successful ageing outcomes.

MISSION

To carry out scientific ageing research that informs person-centred technology development and models of care that promote independent living by predicting health status and preventing decline in older people.

RESEARCH & COMPETENCES

TRIL's approach is to combine high quality clinical investigation with intensive qualitative research, and develop technology solutions to address the physical, cognitive and social consequences of ageing.

TRIL's research focuses on:

– Falls Prevention
– Perceptual Function
– Cognitive Function
– Social and Mental Health
– Wellness and Exercise

TRIL can offer potential partners:

– World class academic and clinical domain expertise
– Expertise in a user-centred approach to ageing research that directs technology design and development
– Expertise in healthcare technology deployment and evaluation in the community
– Access to clinical biopsychosocial cohorts for early stage clinical investigations/technology evaluations and trials
– Experience in patient recruitment, management and clinical trials
– A flexible technology platform for rapid prototyping
– A robust and secure data communication and storage infrastructure

COLLABORATION

The TRIL Centre draws strength from a broad range of partners across a spectrum of disciplines, TRIL is collaboration between University College Dublin, Trinity College Dublin, Intel and GE Healthcare.

FUNDING

To date TRIL has secured over €18 million in funding, which has predominantly come from industry sources, specifically Intel and GE Healthcare with support from IDA Ireland.

TRIL — Technology Research for Independent Living

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