

LOCATION: University of Limerick, Limerick, Ireland

1 X Funded MSc Opportunity in Computer Science – Digital Health

LOCATION: National University of Galway, Galway, Ireland

1 X Funded MSc Opportunity in Computer Science – Digital Health

Supervisors

Dr Katie Crowley (University of Limerick)

Prof Ita Richardson (University of Limerick)

Dr Noel Carroll (National University of Galway)

Scholarships

Funded by the Lero, the Science Foundation Ireland Research Centre for Software, The MSc scholarships will provide annual registration fees (EU fees) and an annual stipend for two years.

DESCRIPTION

We offer an opportunity for two committed MSc students (full-time) to join our interdisciplinary Health Informatics and Digital Health research team across two sites – University of Limerick and National University of Galway. Applicants for the MSc scholarship must hold a BSc (1 or 2.1 Hons) in Health Informatics, Computer Systems, Software Engineering or equivalent. Applications will be considered where the applicant has relevant work experience.

The application of technology in health is experiencing rapid growth, changing the way we manage healthcare. Technologies can empower consumers to make better-informed decisions about their own health and provide new options for facilitating prevention, early diagnosis of life-threatening diseases, and management of chronic conditions outside of traditional health care settings. Patients and consumers can use digital health technologies to better manage and track their health and wellness-related activities. However, health-related data also presents risks and challenges relating to digital health privacy.

The legal framework for the protection of personal data recognises health data as particularly sensitive and therefore requires a high level of protection. Barriers to data sharing include differing legal requirements, data management, trust and transparency. **The MSc by Research projects** will examine how digital health transformation (DHT) are implemented, embedded, and evaluated in healthcare practice and examine how healthcare practice shape digital transformations and/or how DHT shape care pathways.

The successful candidates (one MSc) will be hosted at the Department of Computer Science and Information Systems, University of Limerick and at Lero – the SFI Research Centre for Software offering a modern, world-class and interdisciplinary research environment. The second MSc student will be hosted at the Department of Computer Science, National University of Galway and will also be connected to UL, Lero and Maynooth University.

For additional information on the UL positions, please contact: katie.crowley@ul.ie

For additional information on the NUIG positions, please contact: noel.carroll@nuigalway.ie