Faculty of Science and Health

Faculty Research Committee

Undergraduate Summer Research Internship Scheme 2019

Project Title: Centre for eIntegrated Care (CeIC) Internship

Principal Investigator: Dr Pamela Hussey

School/Research Centre: School of Nursing and Human Sciences

The Center for eIntegrated Care (CeIC) see https://www.ceic.ie/ launched in May 2018 is a research center engaged in advancing eIntegrated care in order to improve health and wellbeing of citizens. The center is actively working on a number of research projects with the HSE to create core infrastructure to support Slainte Healthcare Implementation Plan (see https://health.gov.ie/wp-content/uploads/2018/08/Sl%C3%A1intecare-Implementation-Strategy-FINAL.pdf).

We wish to recruit interns who have an interest in developing their research skills in health informatics. Working as part of the CeIC core team the intern will join this team and work with Director and project co-ordinator on the evolving health and social care data dictionary, he /she will participate in day to day operations in the center and gain insights into national projects in progress developing research skills on data analysis, system requirement definition and emerging Information and Communication Technologies for use in health and social care. Ideally this candidate will have completed the informatics module NS324, however we will consider applicants who have an interest in a career in health informatics.

For Informal enquiries please contact

Ms Sharon Farrell Project Coordinator Sharon.farrell@dcu.ie or phone 017007951

Dr Pamela Hussey is the director of the Centre for eIntegrated Care, and has practised as a nurse for 20 years. Over her career she has acquired a healthy collection of degrees in education, health informatics and computer science.

Her research focuses on the design of new models of care for sustainable health and social care delivery. She is actively engaged in eHealth Ireland supporting creation of Health and Social Care Data Dictionary. She lectures on the undergraduate /postgraduate programmes in DCU, supervises PhD students, and her teaching interests include; health informatics, concepts and terminology adoption, and the use of technology enhanced learning resources in education.

Pamela has experience with health informatics standards community both nationally and internationally. She has published several refereed papers and is editor and author of book chapters on eHealth and informatics optimisation of system design for data value, benefit realisation and citizen centric care. She has also applied for and supervised a student from the internship programme in 2013.

The CeIC provides an excellent spring board for students interested in a career in research. The dedicated space has sufficient supporting staff, space and equipment to facilitate internships within the SNHS.

For an overview of Pamela's research activity in the center see https://www.siliconrepublic.com/innovation/ceic-dcu-pamela-hussey

Some related publications include

Farrell, S. and Hussey P Bridges to Cross Boundaries- Centre for eIntegrated Care Future Health Summit 29th May 2018 [Online] 29th May 2018 , The Global Gathering of Healthcare In Ireland, eHealth Summit Convention Center ,Dublin http://www.ehealthireland.ie/News-Media/News-Archive/2018/Future-Health-Summit-18.html

Hussey, P. Tully, M. National Data Dictionary Meta Data Registry Framework Briefing Paper EA Publication, [Online] November 15th 2017 ISBN I: 978-1-873769-76-8 http://www.ehealthireland.ie/Our-Team/Enterprise-Architecture/HSE-National-Data-Dictionary-Briefing-Paper.pdf

Hussey, P.; Corbally, M; Rodger, D.; Kirwan, A.; Adams, E.; Kavanagh, P; Matthews, A. ICNP® R&D Centre Ireland Defining Requirements for an Intersectoral Digital Landscape Informatics MDPI Special Issue Edition Nursing Informatics 4(2), 7; doi:10.3390/informatics4020007- http://www.mdpi.com/2227-9709/4/2/7/htm

Rodger, D.; Hussey, P. 'From Entry to Practice to Advanced Practitioner - The progression of competencies and how they assist in delivery of eHealth Programmes for Healthy Ageing' In: Muphy J Goosen W Weber P (eds). Forecasting Informatics Competencies For Nurses in the Future of Connected Health. Amsterdam: 2017; IOS Press.http://ebooks.iospress.nl/ISBN/978-1-61499-738-2

Hussey, P. Kennedy, M.A. (2016) Instantiating informatics within nursing practice for integrated patient centered holistic models of care: A Discussion Paper Journal of Advanced Nursing Online Available from http://www.ncbi.nlm.nih.gov/pubmed/26890201 February 2016

Hussey, P. Adams, E. & Shaffer, F. (2015) Nursing Informatics and Leadership, an Essential Competency for a Global Priority: eHealth Nurse Leader 13, 5, 52-57 Abstract retrieved from http://www.nurseleader.com/article/S1541-4612(15)00168-8/abstract Accessed November 10th 2015

Rodger D, Spencer A Hussey P (2016) Using Education Technology as a Proactive Approach to Healthy Ageing International Medical Informatics Association Nursing Special Interest Group Conference Paper http://ni2016.org/ Accepted for publication June 25th - 29th 2016