THE UNIVERSITY OF SYDNEY

DIGITAL HEALTH CRC PHD SCHOLARSHIP – ETHICAL LEGAL

Practice Analytics Research Program Context

The Practice Analytics program seeks to understand how hospitals can provide clinical teams and individual clinicians actionable data that relates to the quality of clinical practice. This project is a collaboration between a number of partners across Australia including the Royal Australasian College of Surgeons, Royal Australasian College of Physicians, Cabrini Healthcare (VIC), Sydney Adventist Healthcare (NSW), St John of God hospital (WA), Ramsay Hospital Research Foundation and Epworth Healthcare (VIC). The project is part of the Digital Health Centre for Cooperative Research. All project partners are interested in exploring research and development projects related to the use of electronic health data for reflective practice and enhancing professional practice. Some clinical partners have already begun exploring how data is collected within their organisations and how it can be presented to their clinical workforce. Building on initial work undertaken by partners, the Practice Analytics program seeks to further explore the role of electronic health data for supporting practice audits and practice reflection to improve professional practice.

PhD Project Overview

The doctoral research project is designed to understand the ethical and policy implications for organisations and individual clinicians when using electronic health data for reflective practice. The project will likely explore questions such as how do organisations, individuals and teams respond when data shows an individual outlier that needs supports and what information has to be disclosed outside the organisations. It may also be valuable for the project to explore the way ethical and legal implications of using data for reflective-practice effect engagement by specialists and other health professionals. The research project will explore question such as how does existing healthcare policy provide specialists guidance on using artificial intelligence platforms to reflect on their practice? And What do medical specialists view as the key ethical implications for incorporating artificial intelligence into practice analytics platforms?

The Digital Health CRC Higher Degree Research Programme

A DHCRC collaborative research HDR programme is not a typical doctoral research degree, it is an educational experience where a candidate will work on cutting-edge digital health projects, solve complex problems and be supported to undertake applied research that inspires change and makes a difference through real-world impact. This programme will develop new and emerging talent and produce graduates who understand industry, are confident, competent, collaborative, research-capable and health workforce-ready.

KEY BENEFITS 1. Receive a generous scholarship package, admission to an exclusive education program and access to a merit-based development fund 2. Be part of a small, well-connected, interdisciplinary community of students, researchers and industry professionals 3. Engage in a tailored development program customised to your needs 4. Build a portfolio of transferable and research skills to support career progression, promotion and employability 5. Develop linkages and establish a contact network through on-the-job training 6. Receive world-class support from respective academics in the relevant field

PhD SCHOLARSHIP INCLUDES: 1. Living allowance: $40,000 (tax-free) per annum 2. Education allowance: $5,000 per annum (education-related expenses for 3 years, e.g. laptop, conference attendance and open access publication fees) 3. Project travel: $5,000 per annum (travel costs for 3 years only for the purposes of the project)

Enquiries

The primary supervisor for this PhD project is Professo Ian Kerridge. It is strongly encouraged that you contact Prof Ian Kerridge prior to submission of the EOI to discuss the project. He can be contacted via: ian.kerridge@sydney.edu.au