



Participant information sheet: Clinicians

What do employers want from health informaticians?

Principal Investigator Dr Karen Day

Co-Investigator Dr Kerryn Butler-Henderson

Student investigator Ria George, Bachelor of Health Sciences student, summer studentship

Literature describes the competencies of health informatics professionals, including clinical informatics, clinical coding, project management, software development, and change management. Information technologies are at the heart of the New Zealand Health Strategy of 2016 under the 'smart system' theme. Few job advertisements and job descriptions related to health informatics describe these competencies or how they enable a smart system. The aim of this research is to find out what employers want from the people whose job descriptions include health informatics competencies, what roles these employees occupy, and what competencies are core to the roles. The context of our research is the New Zealand health sector.

Our research question is therefore, 'What do employers want from health informaticians?'

Dr Karen Day is a health informatics researcher and Director of the Postgraduate Programme for Health Informatics at The University of Auckland, and Dr Kerry Butler-Henderson is a researcher at the University of Tasmania with a specific interest in health information management workforce development. The student investigator is a summer scholarship student assisting with this research.

You are invited to participate in this research. You have been selected because you are a clinical lead of a team of healthcare professionals, some of whom use health informatics competencies in their daily work. Participation is voluntary. The invitation to participate was extended to you by a colleague – your participation (or not) will not affect your relationship with your colleague.

What the study involves

The study design consists of two parts: (1) The researchers will review adverts of jobs that appear to include health informatics competencies and (2) interviews with managers and clinical leads to establish the use of health informatics competencies in different roles. Your participation will take the form of an interview of up to an hour duration, depending on how much time you can give, in a quiet place convenient to you. Karen Day will send you a copy of the transcript of your interview if you indicate in the Consent Form that you want a copy to check and edit. Please return the edits within three working days of receiving the transcript.

Right to withdraw

You have the right to withdraw at any time without giving a reason. We will make a voice recording of your interview so that we don't miss anything during the data analysis. If you don't want to be recorded for parts of the interview, say so and the interviewer will pause the recording device until

you want to resume recording. If you want to withdraw your interview after its completion, please email Karen Day before 10 December 2017, which is when the data analysis will be begin.

Privacy and confidentiality

Your personal identifying information will be removed when your interview is transcribed in preparation for analysis. The transcriber has signed a confidentiality agreement. It is possible that people who know you can recognise a quote from you in our reports. We will do our best to mask your identity when analysing the interviews and writing up our findings in a paper for publication. If you would like to have a copy of our publication or a summary of our study, please indicate this in the Consent Form.

Possible benefits of participating in this research

During the interview, there will be an opportunity to review the published competencies included in education programmes for health informatics. You may find a use for this list of competencies in your future work. Participating in the interview, and the time taken to reflect on these competencies, may give you a better understanding of what health informatics is all about, and improve your own use of the competencies. It may become easier for you to draw up job descriptions for future roles.

The results of this research will be incorporated into the Postgraduate Certificate and Diploma of Health Sciences in Health Informatics at The University of Auckland, and will inform decisions for new future courses. As a result, future candidates for roles in your organisation, who have completed our programme of study, will have a closer education match with your organisation's needs.

How we will store the data we collect from you

Karen Day will keep the digital voice recording of your interview and its transcription on her password-protected account in the University of Auckland's computer network. We will keep the digital data for six years, after which time we will delete it. Occasionally we may need to print interview data to help with the data analysis. We will shred the printouts when we have finished with the data analysis. Your consent form will be stored in a locked cabinet in Karen Day's office for six years after which it will be shredded.

Contact Details

For further information about the study, you are welcome to contact the Principle Investigator, Dr Karen Day, by email at k.day@auckland.ac.nz, or by phone on 09 923 3870.

You can also contact Dr Day's Head of Department of Health Systems, Dr Tim Tenbenschel, by email at t.tenbenschel@auckland.ac.nz, or by phone on 09 923 9001.

For any queries regarding ethical concerns you may contact the Chair, The University of Auckland Human Participants Ethics Committee, The University of Auckland, Research Office, Private Bag 92019, Auckland 1142.

Telephone 09 373-7599 ext.83711.

Email: ro-ethics@auckland.ac.nz

Approved by the University Of Auckland Human Participants Ethics Committee on 12/9/2017 for three years. Reference Number 019745.