

2017/2018 Summer Studentship Project Application Form

Send to: Research Office, University of Otago Christchurch, PO Box 4345, Christchurch, by 5pm on 3 July 2017

Supervisor Information (First named supervisor will be the contact):

First **Supervisor's** Name and Title: Mary-Anne Stone

Department - UOC &/or CDHB (if applicable): Nurse Maude

First Supervisors Phone:

First Supervisors Email: Mary-Anne.Stone@nursemmaude.org.nz

First Supervisors Mailing Address:

Co-Supervisors Name and Title(s): Hamish Jamieson, Department of Medicine, UOC

Research Category (Choose one category only – to be used for judging the students' presentations):

Clinical

Laboratory

Community

Project Title (20 words MAXIMUM):

Understanding the modifiable factors contributing to acute hospital admissions for **Nurse Maude's** Maori Clients

Project Description:

Introduction: At any given time Nurse Maude, a community support provider, provides services to approximately 400 Maori clients (**2.8% of NM's total client group**). **Nurse Maude's strategic goals and Maori Health Strategy include a** commitment to reduce inequality in health care service provision, by increasing access to services and working alongside Maori to understand their health needs and how they are best delivered.

Our population is ageing and there has been over the past few years an emphasis throughout the Canterbury Health System on helping older people to stay safely at home for longer and reduce avoidable admissions to hospital. Nurse Maude is keen to understand the modifiable factors that contribute to potentially avoidable acute hospital admissions for Maori clients.

We are embarking on a research project that will help us to understand these factors. The first phase is to understand what is currently happening for the kaumatua Nurse Maude has supported. This summer studentship will focus on data from Nurse Maude being combined with hospital admission and InterRAI assessment data to build this part of the picture.

Aim:

To combine the data NM has for its Maori long-term clients with CDHB hospital admission and InterRAI assessment data (where available) and analyse that data to gain an understanding of the current situation.

Possible impact (in lay terms):

When we have the results of this initial data analysis (the first phase), we plan to develop a research programme to assist us in understanding what lies behind the quantitative data. What could we modify in our service provision that would help? The overall aim is to reduce the number of avoidable hospital admissions and enhance the wellbeing of this client group.

Method:

The student will undertake a brief literature review to assist them in their understanding and analysis of the data. The data will be loaded into SPSS and checked. The student will undertake data analysis to identify any trends or patterns within the data and provide a report.

Ethical approval will be sought from the University of Otago Human Ethics Committee (Health) and the Nurse Maude Ethics Committee. All data will be de-identified and coded for anonymity and the analysis. Data will be stored securely according to the University of Otago and Nurse Maude policies on data storage and protection.

Student Prerequisites (eg. Medical Student) if applicable:

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