



Christchurch Central
Development Unit

Te Uepū Whakabiato

HEALTH PRECINCT TE PAPA HAUORA UPDATE

AS AT 09/2014



□ CONCEPTUAL VIEW FROM ANTIGUA FOOTBRIDGE LOOKING SOUTH



New Zealand Government

Vision

Health Precinct/Te Papa Hauora is the hub of a creative and inspiring network that integrates world class healthcare, research and innovation, education and industry with a

strong emphasis on population health. It will accelerate economic growth, act as a magnet for talent and promote community well-being.

Health Collaboration Formalised

On 21 May 2014, a collaboration agreement was signed by key agencies in Christchurch's Health Precinct. Representatives from the Canterbury District Health Board (CDHB), University of Otago, University of Canterbury, CPIT and CERA signed the agreement enabling the advancement of projects and collaborative practice critical to the development of the Health Precinct/Te Papa Hauora (the Precinct).

This significant event marks the commencement of a unique era in health research and education. It will progress the Precinct and benefit the people of the Canterbury region and the wider health sector in New Zealand.

An advisory council for the Precinct will oversee the partnership and encourage new collaborative teaching and research opportunities.



The signatories are (from left) Fiona Haynes, Director Learning Environments CPIT; Professor Harlene Hayne, Vice-Chancellor University of Otago; Roger Sutton, Chief Executive CERA; Dr Rod Carr, Vice-Chancellor University of Canterbury; and David Meates, Chief Executive Canterbury District Health Board.

Research and Education Facilities

A key component of the Precinct involves the creation of a health research and education facility that will enable CDHB, CPIT and the University of Canterbury to work together in the Precinct to fulfil the objectives of the Collaboration Agreement. The University of Otago is also looking at opportunities to integrate its facilities with the proposed Health Research and Education Facility.

Co-location of organisations involved in these activities has proven to be a powerful mechanism in delivering improved

research and education outcomes elsewhere in the world so this is an exciting cornerstone initiative for the Precinct.

The parties have embarked on initial designs and specifications for the research and education facilities and anticipate engaging formally with the development and construction market once specifications are more advanced.

Proposed Research Centre of Excellence

A feasibility study is underway to establish whether a Research Centre of Excellence could significantly enhance the research and economic outcomes for the Precinct. Internationally such a centre or institute is often established

as a flagship presence for a health precinct to showcase one or more of the key research themes. In this case current thinking includes a strong emphasis on medical technologies, devices, imaging and bioengineering.

Areas of Interest

Areas of interest, including research themes that are likely to be progressed, are listed below. Current partners welcome and encourage interest and dialogue from related industry participants.

Medical technologies and devices

Christchurch already has a number of medical technology companies that occupy specialist market niches. Ongoing collaborations between clinicians, researchers and engineers are expected to produce new solutions and devices.

Nursing and allied health research

CPIT is a leading nursing and allied health education provider. Co-locating this activity with training of other disciplines, delivery of healthcare services and a health research hub will enable the development of research that contributes to evidence based quality healthcare initiatives.

Translational research – taking research from bench to bedside

Christchurch has an excellent track record of translational research (the adoption of research findings into clinical practice), particularly in the area of high blood pressure and the study of heart hormones after heart attacks. Co-locating those involved in these endeavours will increase opportunities for new research and innovations to be delivered in clinical practice.

Clinical Trials – testing new medications

In Canterbury several major clinical trial units exist, including specialist Phase 1 studies through to larger studies in community populations. Discussions are underway to establish the feasibility of aggregating some of this activity.



Canterbury District Health Board's Design Lab

Innovation in healthcare and health IT

Canterbury is already home to a number of innovative firms. The CDHB Design Laboratory has existing international clients who value the fresh approaches to clinical space design. Christchurch is also home to the South Island Alliance, enabling five district health boards to work collaboratively to develop more innovative and efficient health services than could be achieved independently.

New imaging modalities

Researchers from the University of Otago – Christchurch, with key partners are working on the development of a new colour CT scanner and have recently signed a collaboration agreement with GE Healthcare.

Workforce development – professional development and training including simulation based teaching

The aspiration is for the Precinct to be a world leading base for health related training enabling enhanced health career opportunities. Strong leadership already exists in this area and there is a plan for new tertiary courses focussing on health management and leadership. Planned facilities will cater for a wide variety of health professional education and training needs including clinical simulation facilities.



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