



# UNIVERSITY OF DUNDEE

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## Clinical Research Centre

A really significant development in Dundee has been the opening of the Clinical Research Centre at Ninewells Hospital.

This is the latest addition to medical and scientific excellence in Dundee. In that spirit, this CRC represents an exceptional collaboration between the University of Dundee and NHS Tayside made possible with strong support from the Scottish Government, particularly the Chief Scientist Office, Scottish Enterprise and the Souter Foundation.

What is the CRC for? It is a hub for clinical trial activity, with links to satellite units elsewhere in Tayside, Fife and Perth. We aim to conduct studies focusing on cancer, cardiovascular disease, diabetes and neuroscience - aiming for prevention, earlier diagnosis and improved treatments for these diseases. This CRC positions Dundee centrally in the Scottish clinical and research network for these conditions, including the SINAPSE network for neurosciences.

In the imaging suites on the lower floor, there is a sophisticated 3T MRI scanner, a donation by the Souter Foundation, and space for the recently announced, Scottish Government funded PET/CT scanner. A unique feature of the suite is an operating room situated between the MRI and PET/CT scanners, which allows patient access to these scanners before, during or after their surgery.



Health secretary Nicola Sturgeon opens the new CRC Building (above) and the magnet being delivered (below).

Dundee staff involved in the Sinapse project are Dr R A Lerski (Medical Physics), Dr A Schloerscheidt, Dr M Fischer, Dr D Potter (Psychology), Prof. K Matthews (Psychiatry). The first SINAPSE PhD student, Lisa Mayberry, recently started in the School of Psychology.

Functional MRI and compatible EEG equipment are to be set up in association with the 3T magnet very soon, and a series of initial studies are due to commence thereafter. Presently the MRI is being used for a number of cardiac investigations.



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