

The research commercialisation office of the University of Oxford, previously called **Isis Innovation**, has been renamed **Oxford University Innovation**

All documents and other materials will be updated accordingly. In the meantime the remaining content of this Isis Innovation document is still valid.

URLs beginning <u>www.isis-innovation.com/</u>... are automatically redirected to our new domain, <u>www.innovation.ox.ac.uk/</u>...

Phone numbers and email addresses for individual members of staff are unchanged

Email : enquiries@innovation.ox.ac.uk

Down to Earth

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The know-how behind missions such as Rosetta has been successfully translated to a range of terrestrial challenges.

Space2Health is a submission to the STFC Network+ call, for a partnership between The Open University, RAL Space and Oxford AHSN and key stakeholders in the health and space sectors that will provide a roadmap of activities that supports the development of a pipeline of coherent, investor-ready business cases that can leverage future investment for novel and disruptive solutions to challenges in the NHS.



NHS England and the UK Government recognise the need for innovation in healthcare. The NHS Five Year Forward View states "the NHS needs to adapt to take advantage of the opportunities that technology and science gives to patients, carers and those who serve them."

> However, they have also concluded that too often technologies

have been tested alone in isolation from complementary innovations and how the NHS services are delivered, thus limiting their value. Planetary exploration pushes the boundaries of science and engineering and requires the development of innovative solutions to complex challenges. The know-how and collective expertise to capture the complex requirement specifications and then develop such solutions has already been translated to other sectors. Two leading planetary and space science groups (Department of Physical Sciences at The Open University and STFC's RAL Space) are co-located within the country's leading health research region. This project will provide the opportunity for space scientists and engineers to engage with the diverse community that are members of the Oxford Academic Health Science Network. Brokered events will result in disruptive solutions that can deliver solutions to unmet needs in the health services in a better way, at scale.

The programme is designed to provide a rich and intensive support environment that allows novel ideas to be generated, captured, packaged and developed,



Ptolemy Team at the Lander Control Centre on Landing Day

through a process of tailored support that is sector specific. Key stakeholders from the health, charitable and the commercial innovation sectors will sit on the steering groups to ensure that the project is focussed on the requirements of the sector and has the best opportunity for follow-on funding and ultimately adoption nationally.



Dr Geraint Huw Morgan FRAS MRSC Department of Physical Sciences, The Open University geraint.morgan@open.ac.uk