



Open
Weeks

Innovation in Healthcare Research

- Discover how technology is revolutionising healthcare both in the hospital and at home
- Explore interactive exhibitions
- Talk to leading researchers about the latest developments in surgical innovations, and biomedical technology
- A series of talks on innovative technology for healthcare from leading researchers

Wednesday 11th March 12 – 6 pm FREE entry, everyone is welcome

For exhibition details please view the back of this leaflet

Talks:

New eyes for surgeons

Time: 12.00pm – 12.45pm (Professor Freddie Hamdy)

3D Lung e-129 Xperience

Time: 12.45pm – 1.30pm (Dr Tahreema Matin)

How do doctors test our lungs?

Time: 1.30pm – 2.15pm (Dr Phi Phan)

Working with the Surgical Intervention Trials Unit (SITU)

Time: 2.15pm – 3.00pm (Dr Surjeet Singh and Dr Cushla Cooper)

The Oxford experience of the Bionic Eye

Time: 3.00pm – 3.45pm (Professor Robert MacLaren)

Personalised Mobile Health for Heart Failure

Time: 3.45pm – 4.30pm (Dr Andreas Triantafyllidis)

Prediction of Physiological Patterns in Pregnancy

Time: 4.30pm – 5.15pm (4P Study) (Lise Loerup, DPhil Researcher)

The eye – Vital for sleep?

Time: 5.15pm – 6.00pm (Dr Katharina Wulff)

Exhibition

Translational Physiology

- Laser Gas Analysis: A technology to monitor oxygen consumption in a critical care setting or during an operation
- Xenon: Pioneering lung imaging technique may improve diagnosis and treatment of lung disease
- Inspired Sinewave Technique: New technology to measure lung function
- Circadian Rhythm: Innovation in healthcare to improve the quality of sleep for a person with cataracts

Surgical Innovation and Evaluation

- SITU: The Surgical Intervention Trials Unit (SITU) is a collaboration of multidisciplinary partners who design, deliver and support the highest quality surgical trials
- Imaging: How imaging can improve the outcome of surgical interventions
- Eye Work: The Oxford experience of the Bionic Eye

Biomedical Informatics and Technology

- Heart Personalised Mobile Health for Heart Failure
- Pregnancy Prediction of Physiological Patterns in Pregnancy

The NIHR Oxford BRC brings together the research expertise of the University of Oxford, the clinical skills of staff of Oxford University Hospitals NHS Trust and the experiences of patients to improve healthcare.

Any enquiries please contact Rachel Montgomery 01865 227129 or rachel.montgomery@ouh.nhs.uk

For more information on NIHR Oxford BRC Open Weeks www.oxfordbrc.nihr.ac.uk