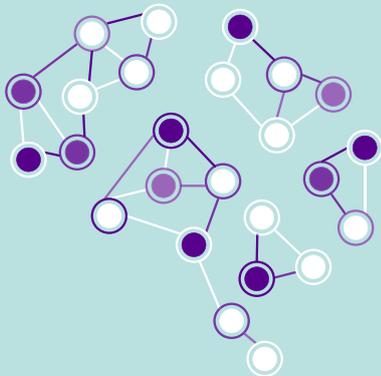


# Patient Inspired Innovation

**Welcome** to this special edition of the NIHR Brain Injury Healthcare Technology Co-operative newsletter. In this edition, you can read all about the BRAINFest that will be held in Cambridge during the last weekend of June.

## About us

The HTC is one of eight national Healthcare Technology Co-operatives (HTCs) funded by the National Institute for Health Research (NIHR).



The NIHR Brain Injury HTC works with patients, carers, academics, clinicians and industry to develop new medical devices, healthcare technologies and technology-dependent interventions to improve treatment and quality of life for patients with brain injuries.

## Get Involved!

The HTC has developed a volunteer register for patients and carers to assist in the advance of healthcare technologies. For more information, please visit our website: <https://brain-htc.org/patient-and-carer-register/>

## Cambridge BRAINFest 2017



We are very happy and excited to announce that the NIHR Brain Injury HTC will take part in the first ever BRAINFest!



A public discussion opens the event 23rd June 2017, you will be able to attend various exciting events in relation to the brain and its functioning throughout the weekend.

Live Neuro Theatre will be practiced for the first time on the Corn Exchange stage; Mark Wilson leading from pre-hospital to rehabilitation will narrate the demonstration. If you want to become a brain surgeon, or simply have an interest, do come along, there will be a Q&A afterwards, a great opportunity to interact with specialists in emergency response and brain surgery.

To find out more you can visit:

[www.markwilson.com/Teach\\_Yourself\\_Neurosurgery.html](http://www.markwilson.com/Teach_Yourself_Neurosurgery.html)



Simulated neurosurgery at the Big Bang festival

## Cambridge Brain Festival 2017 contd.

The Interactive Neuroscience showcase will host various hands on activities created through professional responses using Information Technology. Nourish your brain through our thematic tour of the following zones, Development, exploring Autism to Developmental Circuitry, Attention, Perception & Imagination, you will have the opportunity to explore what optical illusions teach us, about how we understand the way that our brains interpret the world. James Piercy a survivor of severe traumatic brain injury (TBI) will present the activities and discuss the challenges of living with TBI and the impacts of fatigue on attention and concentration.

Explore vision to sense of smell, Brain & Body, Parkinsons to traumatic brain injury, Pain & Pleasure, exploring Addiction to Anhedonia, Learning & Forgetting, Alzheimers to brain training, Molecule to man. Participants will have opportunities to test themselves against computer cognitive tests, and take part in some computer based training and symptom management resources.

Throughout the weekend, 'Build a Brain' workshops will take place for the younger audience, encouraging potential future neuroscientists to engage with hands on activity, creating a brain to take home with them.

Over the 24th and 25th Café Scientifique, an intimate café to be found in St John's Room, Corn Exchange, hosts various talks throughout both days, including 'What next? Learning to predict the future from the past' with Professor Zoe Kourtzi to 'How to fix a broken brain' with Professor Alasdair Coles.

The King's Room, Corn Exchange will host a Secret Cinema with a selection of films from across the Neuroscience community for the duration of the festival, from creating brain cells from skin cells in a dish to talking Obsessive Compulsive Disorder.

Explore a historical and botanical inspired Neurotrail around Cambridge and University Botanic Gardens, the route can be found on the Cambridge neurosciences website ([www.neuroscience.cam.ac.uk](http://www.neuroscience.cam.ac.uk)).

BRAINArt including structural representation and translated behavioural aspects, function and dysfunction contributed by local schools will be exhibited in the main foyer of the Corn Exchange.

Pre-booking and itinerary can be found on: [www.neuroscience.cam.ac.uk/brainfest](http://www.neuroscience.cam.ac.uk/brainfest)

We look forward to seeing you there!

## Cambridge Science Festival 2017

 UNIVERSITY OF  
CAMBRIDGE

Cambridge Science Festival 2017 was a great success! And we received a lot of positive feedback for our three different events:

- Sex Lies and Brain Scans

"Very interesting subject. The clinical aspects were particularly good, bringing home how truly difficult it is to assess patients even with advances in technology."

"It was a great and insightful evening." "Lovely event, excellent panel, left me wanting more."

- Sport is good for exercise and teamwork but what about your brain?

"An enthusiastic talk on Sports and the Brain to a filled lecture room concluded with a general consensus that most sports and general exercise are good for cognition, mood and physical health."

- Hands-on science at the UTC open day

"We brought Headway to the UTC, they are in the process of creating a new board game, and took this opportunity to test on 25 curious, and some brain injured, friends and families who came along to support the event."

Please find more information on our website, details below.



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