

IMPERIAL AND WHITE CITY

Our newsletter for the local community
Issue 5, 2018

Imperial College
London

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Hello!

Welcome to the fifth issue of Imperial College London's community newsletter for local residents, businesses and organisations in and around White City.

Dear friends,

I hope you are well and have been enjoying the summer.

I've been a scientist all my life, and in that time, I've seen big changes in the way we do science. It used to be normal to focus on a specific area or problem, but now scientists are increasingly working across different disciplines, with business and the general public to find solutions to complex global challenges from cancer to climate change.

This is one of the main reasons why we decided to build a new campus in White City – we wanted to start afresh and make sure collaboration was encouraged from the beginning. The vision for our new campus is now starting to become a reality as our researchers move into the recently completed Molecular Sciences Research Hub. This state-of-the-art building will be home to the next generation of chemistry research.

We especially want you, our neighbours and friends, to be part of our White City Campus. That's why we've been running programmes such as the White City Innovators Programme for aspiring local entrepreneurs. You can read about this and other local initiatives and find out about upcoming events, such as our science themed comedy night at the QPR Tavern.

We look forward to seeing you soon,

Professor Maggie Dallman
Vice-President (International) and
Associate Provost (Academic Partnerships)

News from Imperial

We got the moves

Engineers from Imperial have improved the movement of bionic hands in people with prosthetic limbs. Their device learns to interpret brain signals giving natural, fluid motions.

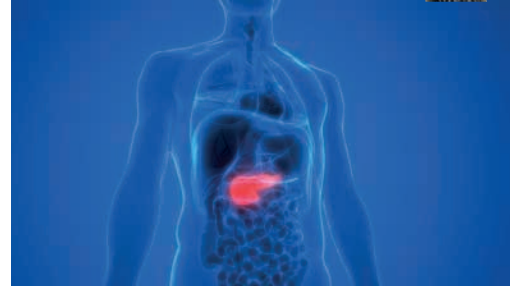


Older members of the community get up to speed with new techniques at a recent maker day at The Invention Rooms.



Local resident and artist Zekria Ibrahim captures a regular puzzle session at The Invention Rooms.

What we've been up to in the local community

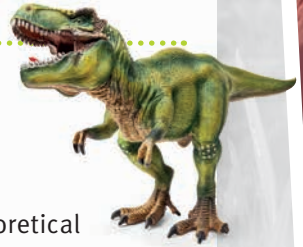


Breath-taking

Imperial scientists and doctors have invented a new breath test that can detect pancreatic cancer at an earlier stage – potentially saving lives from this aggressive disease.

Colossal costs

£48 million. That's the theoretical cost per year of powering a dinosaur theme park. Imperial physicists and energy provider E.ON published the lighted-hearted research in time for the film Jurassic World: Fallen Kingdom.



Local families see art and science collide during HF Arts Fest at The Invention Rooms.



Young people learned how to make their very own scribbling robots at The Venture Centre, North Ken.



Local year 5 and 6 school pupils discover the flora and fauna of Hammersmith Park as part of the Creative Roots outreach programme.

Events and activities

Get involved

The Maker Challenge Programme

Create, build and bring your ideas to life!
Free programme for young people aged 14–18 who want to learn new tech skills and innovate.

When: Tuesdays (after school) from September to December

Where: The Invention Rooms

Imperial Lates: Greenovate

An evening of innovative green technology: print your own green wall paper designs, explore new green inventions and join a debate on how we tackle London's air pollution.

When: Thursday 18 October, 18.00–21.00

Where: South Kensington Campus

White City Campus Tours

Join us for a free walking tour of the White City Campus to explore some of our new facilities and learn more about our work.

When: Last Friday of every month at 14.00

Where: White City Campus

To sign-up for any of these activities, visit our website or drop us a line:

www.imperial.ac.uk/white-city-campus/community

E: whitecity.community@imperial.ac.uk

T: 020 7594 1103



A **neurosurgeon**,
a teacher and a
plumber
walk into
a **bar...**

All proceeds
will go to a
local charity



**LOL-lab Live is a comedy night with a twist...
our comedians are all local White City residents
or Imperial College London scientists.**

We're putting wannabe comedians through an intensive comedy school workshop. Join us to see if they can break down stereotypes about whether scientists are all really boring geeks?

LOL-lab Live

Thursday 20 September, 19.00 • £5.00

The Queen's Tavern, 121 South Africa Road, London W12 7PA

Email Priya for tickets: whitecity.community@imperial.ac.uk

@theLoLLaB

LoL-LaB: Experiments in Funny



**Competition:
win £25 John
Lewis vouchers**



**Question:
Can you
name the
building**

?

Send your answer to:
whitecity.community@imperial.ac.uk
by Monday 15 October 2018.

Correct answers
will be entered
into a prize
draw to
win £25
John Lewis
vouchers.

John Lewis
voucher

£20

John Lewis
voucher

£5

Last month,
our competition was won by
Leli Casares who spotted that the sign
in the photo was the Festival of Britain
plaque at White City Station.

Bringing science and technology to White City

Our new campus comes to life

Many of you will have noticed how our White City Campus has come alive over the past few months. With new buildings opening, hundreds of researchers arriving and community activities happening year round, the campus is becoming a buzzing place of research and innovation.

Read on to find out more about the latest developments at our campus.

Key

-  Research, laboratory and office space
-  Business space
-  Residential and student accommodation
-  Café and catering facilities

WHITE CITY

COMING NEXT

We have exciting long-term plans for the redevelopment of the former Unigate Dairy site as the southern part of our White City Campus. These plans include flexible public spaces, new pedestrian routes to connect neighbouring areas, and vibrant facilities which will bring together local people, businesses and Imperial's community of students and researchers.

As a major step, we're delighted that work will soon start on the creation of Scale Space, a 200,000 sq ft development where technology and digital businesses will innovate and grow. Scale Space is a partnership with Blenheim Chalcot, a digital venture builder currently based in Hammersmith. The first Scale Space building is due to open at the end of 2019.

For more information about Scale Space, please visit: www.imperial.ac.uk/thinkspace/scalespace

ENGINEERING SOLUTIONS

Currently under construction, the Michael Uren Biomedical Engineering Research Hub will provide a unique space for engineers, clinicians and scientists to work side-by-side to improve the treatment and diagnosis of diverse medical conditions, from cancer diagnosis to creating bionic limbs.

LIVING SPACE

In addition to the postgraduate accommodation at Wood Lane Studios that we opened back in 2012, we have almost completed a residential tower that will include a mixture of affordable accommodation for our staff, as well as privately let residential flats.

COMMUNITY INNOVATION

Since The Invention Rooms opened last year, we've seen incredible new ideas brought to life by younger members of the community – from sneakers that play music to a bedside lamp that turns itself off as you fall asleep. Soon we will open an events and cafe space throughout the week, with a range of workshops, classes, events and activities.

BUSINESS INNOVATION

Our Translation and Innovation Hub (I-HUB) opened in 2016, as a space for companies large and small to work alongside Imperial researchers and turn scientific and technological innovations into new products and services.

The I-HUB has also hosted the White City Innovators Programme (see right panel).

IMPROVING HEALTH

We've launched a fundraising campaign to create a state-of-the-art hub for our School of Public Health. In this major new facility, Imperial researchers will be using advanced science and technology to work on some of the world's most important health challenges, from the containment of disease to the prevention of childhood malnutrition.

WOOD LANE

WESTWAY

WE'VE GOT CHEMISTRY

Over the summer you may have seen some new faces around our campus – 500 researchers from our chemistry department have been moving into hi-tech new labs and offices at the Molecular Sciences Research Hub. See Maggie's intro on the first page.

PLANNED NEW PEDESTRIAN UNDERPASS TO LATIMER ROAD

Meet our local innovators

Over the past year, the Imperial Incubator team based at White City have been running a 4 week White City Innovators' Programme in partnership with NatWest.

The aim of the programme is to give local tech start-ups free access to state of the art office and laboratory space, mentorship and training – whilst working in close proximity to Imperial academics and industry experts.

We caught up with two local innovators after taking part in the programme.

SP Tracked Safety Jackets

SASHA PINNOCK

Briefly tell me how you came up with the idea for SP Tracked Safety Jackets
I came up with the Tracked Safety Jackets for kids coming on 2 years now. I have an 8 year old girl who I worry about when she is travelling on school trips on the busy roads. I was inspired to launch the product when the terrorist attacks happened in central London. The jackets will help parents and schools keep track of the children when they are traveling.

What are the next steps for you?

I am currently trying to secure funding so that I can make the product cheaper for consumers. I want everyone to be able to afford something that will add value to their children's lives.

Who are your business idols?

My business idols are Oprah, Richard Branson and anyone who has worked their way up, despite all adversities thrown their way.

Any quick tips/advice for other fledgling start-ups?

Feel the fear and do it anyway!

"A key part of our mission for the White City Campus is to stimulate enterprise locally and boost opportunities for budding innovators"
Anca Mandruleanu,
White City Incubator

IdigoWorks

MARTIN MURPHY

Another local participant in the programme was Martin Murphy, whose business idea IndigoWorks is developing a knowledge sharing app targeted at experienced professionals who travel by train. Users of the free app will make appointments with each other by specifying a chosen topic and have the opportunity to share knowledge, skills and ideas with one another.

Find out more

→ For more information about our White City Campus, please visit: www.imperial.ac.uk/white-city-campus

Would you like this in another language?

Jes´ li chcesz otrzymywa´ ten biuletyn w je. z. polskim, skontaktuj sie. z nami pod adresem: whitecity.community@imperial.ac.uk

Haddii aad jeclaan laheyd nooca warqada aqbaartaan af Soomaali fadlan naga soo wac: whitecity.community@imperial.ac.uk

إذا كنت تريد الحصول على نسخة من الرسائل الإخبارية باللغة العربية يُرجى الاتصال بـ: whitecity.community@imperial.ac.uk

Pour recevoir une version de ce bulletin d'information en français, veuillez nous contacter sur: whitecity.community@imperial.ac.uk

Se desejar receber uma verso desta newsletter em portugus, por favor contacte-nos: whitecity.community@imperial.ac.uk

Si necesita una versin en espaol de este boletn informativo, pngase en contacto con nosotros en: whitecity.community@imperial.ac.uk



Get in touch

We would welcome your ideas and suggestions about this newsletter or anything Imperial College London is doing in White City. You can contact Priya or Tom from our dedicated Community Engagement Team who would be pleased to answer any queries or arrange a meeting.



whitecity.community@imperial.ac.uk



020 7594 1103

www.imperial.ac.uk/white-city-campus/community



Tom Pearson and Priya Pallan