

Would you like this in another language?

Jes li chcesz otrzymać ten biuletyn w je. z. polskim, skontaktuj się 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 versão desta newsletter em português, por favor contacte-nos: whitecity.community@imperial.ac.uk

Si necesita una versión en español de este boletín informativo, póngase en contacto con nosotros en: whitecity.community@imperial.ac.uk

IMPERIAL AND WHITE CITY

Our newsletter for the local community
Issue 3, 2017

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

Imperial College
London

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- // Join us for an Open Day at The Invention Rooms
- // How to build the fastest drone in W12
- // Autumn events and activities for everyone
- // Competition: Win a free afternoon tea at the Dorsett Hotel



Hello!

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



Dear friends,

Thank you for taking the time to read our community newsletter, where we share news about our local events and activities, the development of our new campus in White City and other exciting news and events from the local area.

This is an extra special issue because we're celebrating the opening of The Invention Rooms, our new community innovation space on Wood Lane. Here you can take part in interactive activities and share in the wonder of science and technology.

We'd love you to come and see the new space for yourself! The Invention Rooms is launching with a special Open Day on Saturday 28 October. At this event, you can take part in free making activities and demonstrations, as well as enjoy the very best of local food and entertainment.

We've got lots more planned this autumn, including our What the Tech?! drop-in sessions at the Edward Woods Community Centre and our monthly Campus Tours where you can get a behind-the-scenes look at the White City Campus.

Read on to find out more! We hope to see you soon.

A handwritten signature in black ink, reading "Maggie Dallman".

Professor Maggie Dallman
Associate Provost (Academic Partnerships)

News from Imperial

Drink up

Imperial scientists have found people who drink around three cups of coffee a day may live longer than non-coffee drinkers. And it doesn't even seem to matter how you prepare it!



Face off

Researchers are scanning the faces of 6,000 volunteers to help plastic surgeons do facial reconstructions. Imperial scientists will then help create 3D computer models of people of different ages and ethnicities.



Egg race

Birds that fly fast have pointier eggs while slower species have rounder eggs, according to Imperial biologists. They believe asymmetrical eggs allow birds to be more streamlined – and therefore speedier.



Raising the giant bubble hoop

“Seeing the stand today makes me excited about the future with Imperial in White City”
Lee Jackson,
local resident

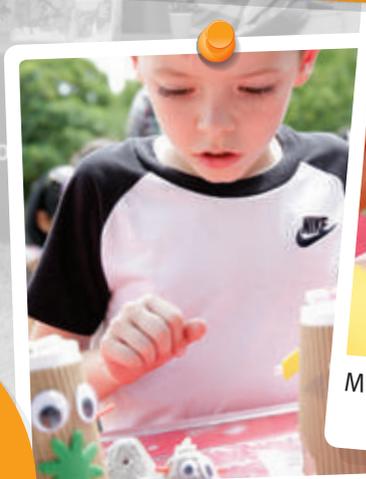


Testing out our Virtual Reality goggles

Imperial at the W12 Community Festival

This year's W12 Community Festival saw the White City community turn out in the summer sunshine for family activities, local performances, street food and sport. Inspired by The Invention Rooms, the Imperial stand included hands-on making activities, interactive science and demonstrations.

“Today my face was 3D printed and I made a robot. Science is my favourite subject and I got to talk to a real life scientist.”
Saskia, aged 7



Creating robots from toothbrush heads and cardboard



Making circuits with electric dough

Events and activities

Get involved

Campus Tours

Join us for a walking tour of the White City Campus. You'll see panoramic views from our I-HUB and visit The Invention Rooms.

When: Last Friday of each month at 14.00

Where: White City Campus

Moving Matters

A day of free sport and science organised by Kensington Leisure Centre. Try something new from double-dutch skipping to Virtual Reality headsets.

When: Saturday 14 October, 9.30–16.00

Where: Kensington Leisure Centre

True Cut – Making Sense of Our Mistakes

A free play exploring what happens when a mistake is made during surgery, organised by our Faculty of Medicine.

When: Thursday 23 November, 18.30–20.30

Where: The Bush Theatre,
Shepherd's Bush

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

[www.imperial.ac.uk/
white-city-campus/community](http://www.imperial.ac.uk/white-city-campus/community)

E: whitecity.community@imperial.ac.uk

T: 020 7594 1103



What the Tech?!

When: Every Wednesday at 14.00
from Wednesday 25 October

Where: Edward Woods
Community Centre

What the Tech?! is a weekly free drop-in session for elderly residents living in the Edwards Woods Estate to get to grips with technology. Bring along your devices – phones, tablets, laptops – and volunteers from Imperial's Business School will help and support you to Skype, email and stay connected. Run in partnership with the Edward Woods Community Centre and the Urban Partnership Group.

“How do I
Skype my
family in the
Caribbean?”



“We're here every
Thursday afternoon.
Bring your device, have a
coffee on us, and we will do
our best to help you with
all things technological.”

Mobeen Iqbal,
Student Leader

“How can I use
the map on my
smartphone?”



Competition: win an afternoon tea for two at the Dorsett Hotel



Question: Can you name the building

?

Send your answer to:
whitecity.community@imperial.ac.uk
by **Thursday 26 October**.

Correct answers will be entered
into a prize draw to win a Dorsett
Classic Afternoon Tea for two
(normally £48)
at the Dorsett
Hotel on
Shepherd's
Bush Green.



Last month, our competition
was won by Hugo Chance who
spotted that the building in the
photo was the Television Centre –
well done Hugo!

The Invention Rooms: Opening this autumn on Wood Lane

We're excited to be opening a new community innovation space called The Invention Rooms on Wood Lane. Here you can join us for a range of hands-on activities and events to explore the fun of making and discovery.

Read on to find out more....



Have your say
We want the Interaction Zone to be an exciting space for the whole community. To help design and run the space, we have set up a community advisory panel of local residents and partners. Drop us a line if you have suggestions or ideas for what you would like to see happen inside the space.

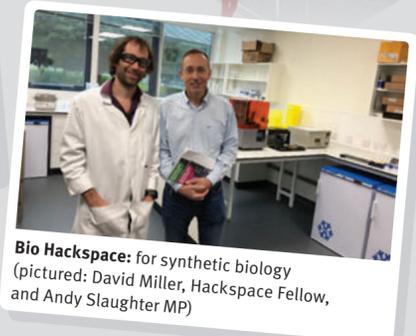
INTERACTION ZONE
Opening in spring 2018, the Interaction Zone will be a warm and welcoming space for local events and activities, including science workshops, tech drop-in sessions and social events.
There will be meeting rooms, as well as an informal café and outdoor terrace area where you can pop-in and have a cup of coffee with us.

REACH OUT MAKERSPACE
The Reach Out Makerspace is a workshop and design studio for young people from the local community to get hands-on experience of making and prototyping. There will be after-school programmes and equipment to make just about anything – from wearable technology to household gadgets.

The Maker Challenge
Think of something you'd like to make or build. Now imagine you've got everything you need – a workshop, training, and support – to bring your idea to life...
Want to try your hand at making? We've started our first Maker Challenge programmes for students aged 14–18 from local schools. The sessions take place on evenings, weekends, and during school holidays. Working together in teams, you will have the chance to invent something new, develop your dream project and bring your creations to life.
It's all free. All you need to do is apply – the next programme starts in January, and applications will open in the autumn term.
Keep an eye on our website for updates: bit.ly/reach-out-makerspace



Digital workshop: for 3D printing and digital technologies



Bio Hackspace: for synthetic biology (pictured: David Miller, Hackspace Fellow, and Andy Slaughter MP)



Workshop: 3D printers, scanners, laser cutters, metal and woodworking



Studio: for creative, design, art and textile work

ADVANCED HACKSPACE
The Advanced Hackspace is a cutting edge workshop facility for students, staff and partners to develop new ideas and prototypes.
The workshop equipment includes 3D printing and digital manufacturing, woodwork and metal work, and a bio-lab, which enables synthetic biology and molecular fabrication.

Student innovations
GyroGlove
A gyroscopic glove to help reduce hand tremors of people suffering from Parkinson's Disease and Essential Tremor.
Baby Life Box
The world's most affordable baby incubator, made from simple electronics and cardboard.
Fresh Check
A spray to detect cleanliness and reduce infection that works by changing colour in areas where bacteria is present.



Open Day at The Invention Rooms

Saturday 28 October, 12.00–15.00

Free creative fun to bring out the maker in you!

We're celebrating the opening of The Invention Rooms with a special community open day where you can explore our workshops, try your hand at making, and enjoy free local music and entertainment. There will be activities for all ages, whether you are 6 or 60.

All activities are completely free. You will get the chance to meet the team behind The Invention Rooms, and find out more about the programmes we run.

Near to you!
Find us at 68 Wood Lane, just a 100 metres from White City station – a 2 minute walk.

- TRY**
3D 'virtual reality' design
- MAKE**
UV jewellery inspired by medicine
- MEET**
our intelligent robots
- ENJOY**
live music and fun entertainment
- EXPLORE**
The Invention Rooms on guided tours



Drone racing in White City

How do you build the fastest drone in White City? To find out, we invited a group of young people from the White City Youth Club to The Invention Rooms to take on the challenge of building a flying robot from scratch... and then racing it round an obstacle course.



The grand finale saw the teams of 11 to 17 year olds navigate their drones around the White City Adventure Playground. The winning team completed the course in just 42 seconds, winning a £200 Red Letter Day voucher.

Team 'Drone Squad' assembling their drone from scratch

"I enjoyed being able to learn about drones and cool equipment like 3D printers. It was very fun and it got us all working as a team"
Daniel Fisho



The Invention Rooms and Reach Out Makerspace programmes are generously supported by:

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