

# IMPERIAL AND WHITE CITY

Our newsletter for the local community  
Issue 6, 2018

Imperial College  
London

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Dear friends,

A lot of the work we do at Imperial is aimed at improving people's health and wellbeing. That might involve scientists trying to understand the chemistry of just a single molecule that does something interesting in the bloodstream. Or it could be examining whether increasing the number of community health workers could ease the burden on NHS primary care.

We now have exciting plans for a new health research facility at the White City Campus for our world-leading School of Public Health. This will be a multidisciplinary research hub with direct benefits for the health and wellbeing of people living in London and beyond. Earlier this year we launched a major fundraising campaign to turn this vision into reality. Find out more in this issue about our plans for the School of Public Health and how our researchers are already engaging with local residents.

In another exciting development, in December we'll be opening up a new public area in The Invention Rooms called the Interaction Zone – where we hope even more of you can get involved with making and creativity – or just meet up and chat in the café, which will be part of the zone. I'd like to invite you all to the opening events we're running, and you can find details in the events and activities section inside this newsletter.

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

# Hello!

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

# News from Imperial

## Robot doctors

Scientists at Imperial have created an artificial intelligence (AI) system that could help treat patients with blood poisoning, which kills around 44,000 people every year. Tests on hospital records showed the AI system made more reliable treatment decisions than human doctors.



## Volcanic defeat

Electrically charged volcanic ash from a huge volcanic eruption in 1815 caused poor weather across the entire globe and could even have contributed to the defeat of the French Emperor Napoleon Bonaparte at the Battle of Waterloo – according to new Imperial research.



## Drone collisions

Engineers at Imperial have equipped drones with a special origami cushion, which they found prevented damage during a collision – and could even help the drones keep flying after impact with obstacles.



Imperial researchers and local people came together in September to try their hand at stand-up comedy in White City.



Three week comedy crash course

The programme came to a side-splitting climax with a charity comedy night at The Queen's Tavern, which raised more than £400 for Hammersmith & Fulham Mind.



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

£400 raised for local charity



Nathan Green (Imperial School of Public Health) founded LOL-lab to bring patients, researchers and clinicians together.



Participants were given a comedy crash-course in comedy writing and stand-up as part of LOL-lab.



An experiment in funny!

"I knew that I could write humorously but didn't know if I could write a funny stand-up routine" – Participant and local resident Sandra Anlin.

# Events and activities

## Get involved

### Agents for Change Network Event



Find out more about our pioneering women's community leadership programme and how to get involved.

**When:** Wednesday 5 December, 18.00–20.00

**Where:** The Lyric, Hammersmith

### Make a festive wreath

Join us with the Hammersmith Community Gardens Association to make a wreath for the festive period and other seasonal decorations.

**When:** Friday 14 December, 15.30–18.00

**Location:** The Invention Rooms

### 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 January to March

**Where:** The Invention Rooms

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](mailto:whitecity.community@imperial.ac.uk)

T: 020 7594 1103



### Opening December: New cafe, garden and visitor space

We're delighted to announce that our new café, events and garden space at The Invention Rooms will be opening from Monday 3 December. Check out our special opening events and activities: including seasonal making activities, mulled wine, festive treats and tours of the space.

**When:** Dates throughout December

**Where:** The Invention Rooms

More information and booking:  
[www.imperial.ac.uk/the-invention-rooms](http://www.imperial.ac.uk/the-invention-rooms)



## The Invention Rooms

## Competition: Win 10 free hot drinks at the new café



## Question: Where was this picture taken?



Send your answer to:  
[whitecity.community@imperial.ac.uk](mailto:whitecity.community@imperial.ac.uk)  
by Tuesday 15 January 2019.

Correct answers will be entered into a prize draw to win 10 free hot drinks at the new café at The Invention Rooms.

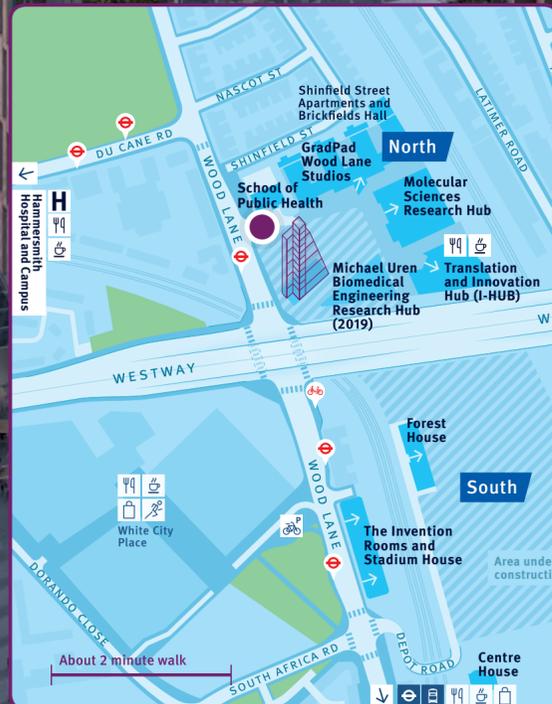
Last month, our competition was won by **Alex Seaborne** from Shepherd's Bush who spotted that the photo was a section of the I-HUB building.

# Building a healthier London for everyone

## Our School of Public Health

Imperial's School of Public Health is a team of scientists, doctors, GPs, teachers and experts on health policy who are committed to improving health in populations, locally and throughout the world. In the past decade the School of Public Health has had an enormous impact on a broad range of health initiatives – for example providing international recommendations for healthy levels of salt intake.

Now the School of Public Health is entering an exciting phase with plans for a new home at Imperial's White City Campus. The building will provide interactive research spaces for the College's academics and students. Also, the teams will be looking at problems specific to living in London, such as poor air quality, childhood obesity and a strained healthcare system.



Imperial has launched an ambitious philanthropic fundraising campaign to support the development of the new School of Public Health to amplify work in four key areas:

### Children's health

Giving all children the very best chance in life by preventing chronic disease and infection in the early years of life will be a major focus of the School of Public Health at White City. The Mohn Centre for Children's Health and Wellbeing will be created thanks to a gift from former student Marit Mohn.

### World health

Imperial is a leader in the study of global infectious diseases, particularly in malaria and yellow fever, Ebola, HPV, HIV and polio. The School of Public Health will enable the School's leading world health researchers to be located together, in a dedicated building, for the first time.

### Food and Nutrition

Research into food and nutrition at Imperial is truly multidisciplinary: chemists explore how we can harness photosynthesis to feed the world's growing population while business academics assess the efficacy of sugar taxes. The School of Public Health at White City will be a hub for food and nutrition collaboration.

### Community Health and Policy

We work closely with GPs, NHS partners and local authorities to improve public health and primary care. The School of Public Health will bring cutting-edge research expertise to the public health challenges that affect our community.

## Working with local residents and organisations



### Practice makes perfect

That's part of the thinking behind Imperial's Centre for Engagement and Simulation Science – run by a group of doctors and experts who stage life-like demonstrations of surgery and other healthcare practices at various public events. It also gives patients and those involved in their care an opportunity to voice their concerns or opinions. Recently a group of parents from the White City area saw first-hand the impact of using and accessing child healthcare. Clinicians staged a life-like simulation of the journey a mother, played by an actor, makes through the healthcare system when her child becomes ill.

### Health in the community

"My name is Samia Hasan and I've been a GP for the past 14 years. I have been working in White City for several years and am based at Parkview Practice. The area is changing so much and my goal is to ensure there is equality of services and access and a high quality of GPs to provide care in this area. I run Imperial's GP Training Scheme for young doctors who are training to be GPs. I'm passionate about ensuring our future doctors are able to understand not just our patients' medical needs but also their psychosocial needs."



### Student community placements

Students at Imperial who are training to become doctors or public health practitioners have the option to study a one year course in Global Health – which focuses on tackling population health inequalities. Students take part in a 12-week community research project, and several groups are currently in the White City area – for example working with Hammersmith Community Gardens Association (HCGA), Urban Partnership Group (UPG) and Young Hammersmith & Fulham Foundation (YHFF). Course Co-Director Dr Gurnam Johal said: "Our wonderful community partners do fantastic work, including supporting families dealing with housing issues, domestic support, the use of food banks and youth violence. At the end of the placements students present lessons they've learned to fellow students, faculty and community partners."



Any interested Community Groups who would like to be involved, please email [gurnam.johal01@imperial.ac.uk](mailto:gurnam.johal01@imperial.ac.uk)

### Find out more

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

## Would you like this in another language?

Jesli chcesz otrzymywać ten biuletyn w języku polskim, skontaktuj się z nami pod adresem:  
[whitecity.community@imperial.ac.uk](mailto:whitecity.community@imperial.ac.uk)

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

إذا كنت تريد الحصول على نسخة من الرسائل الإخبارية باللغة العربية يرجى الاتصال بـ:  
[whitecity.community@imperial.ac.uk](mailto: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](mailto:whitecity.community@imperial.ac.uk)

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[whitecity.community@imperial.ac.uk](mailto: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](mailto: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](mailto:whitecity.community@imperial.ac.uk)



020 7594 1103



Tom Pearson and Priya Pallan

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