

3rd Annual Manchester MedX Conference: The Future of Healthcare

25th March 2017, Citylabs 1.0, Manchester



Conference Programme

directors' message

First thing's first, thank you for coming out to **MedX 2017**. Two years ago, a few of us bemoaned the expense and inconvenience of almost every healthcare conference around at the time. The fact that they could also turn out to be a little dry only made it worse! So we set out to create a universally accessible and exciting event where students could meet and interact with leading scientists and thinkers in their fields, and hear about incredible advancements and innovations in health from the creators themselves.

And so, **MedX** was born. From a single, 60-person annual event in 2015, we have grown to over 300 people in 2017. We've expanded our events repertoire to include smaller, **xHorizons** events on topics like space health and antibiotic resistance, and we've carried our **xSolve** format into standalone events where teams compete to rapidly design solutions to real world problems. With all of these events now united under our **ReThinkX** brand, we will continue to expand to other universities in the North West in the coming year, so watch this space!

Of course, we wouldn't be able to bring together any of these events without a great deal of passion and help and incredibly hard work on the part of many people. We'd like to extend a huge thank you to our sponsors for supporting the free exchange and propagation of ideas that we try to foster at **ReThinkX**. In particular, we would like to thank **Manchester Science Partnership (MSP)** and Anne Dornan, who have been pivotal in building our ideas from the start and have paid us many a kindness; from the incredible setting in which we are privileged to run our events, to their incredible staff who have been beyond delightful to work with. Last but certainly not least, a massive thank you (and congratulations!) to the **Manchester MedX** conference team: Anne-Sophie Donnet, Prakhar Srivastava, and Yousef AlEbrahim, who have worked absolutely tirelessly to put all of this together. A thoroughly deserved well done to them.

With that, all that is left to be said is that we hope you enjoy the talks, workshops, and activities that we've laid out for **MedX 2017**, we hope to see you again at more of our events, and finally, here's to another year of amazing events!



A stylized white signature of Tariq Ramtoola on a dark background.

Tariq Ramtoola
Co-Founder &
Chief Troublemaker



A stylized white signature of Connor McLaughlin on a dark background.

Connor McLaughlin
Co-Founder &
Chief Peacemaker



A stylized white signature of Mehfuz Patel on a dark background.

Mehfuz Patel
Co-Founder &
Creator of Opportunities

welcome to ManMedX 2017

Hello, and a warm welcome from us and the rest of the team to the **3rd annual Manchester MedX Conference, The Future of Healthcare**. Our mission at **MedX**, has always been to showcase examples of new and exciting innovations in healthcare. We know university is a grind and we hope today's experience will help reinvigorate that starry-eyed wonder you had when you first decided on a career in medicine or science. We want to show you that the future of healthcare is bright, and that you can play an essential role in shaping it.

Today, you'll be hearing from an incredible range of people who are already guiding the future of health science who we have curated from as far afield as Switzerland, France, Canada, Spain, the USA, and from all over the UK as well. Healthcare incorporates a fantastically broad range of industries and this is a concept that has driven our speaker and workshop selections. Besides doctors, everyone from businessmen, to engineers, to computer scientists, to designers, to charities and artists have an integral part to play in driving care and health standards forward. Perhaps today you'll even find a new career aspiration!

To squeeze in everything we wanted to share with you, we will be running several talks, workshops and panel discussions concurrently today. Therefore, we've aimed to offer a greater degree of flexibility that allows you to tailor the programme to your individual interests. Be it entrepreneurship and business, artistry and holistic care or research and science, each set of talks and workshops carries a unique theme that our speakers will explore and discuss in their own way. Essentially, we hope you find something to pique your curiosity throughout every minute of the day, and be sure to tell us if you don't for next time.

Along with our workshops and keynotes, our **xSolve** team problem-solving competition returns for the third year running, and with almost 300 delegates, the competition promises to be even fiercer than ever. There are some fantastic prizes on offer for the best ideas and most innovative solutions to a healthcare based challenge that will be set by our main sponsor, **Healthera**, so get your thinking caps on. Our food today will be provided in part by the fantastic **Real Junk Food Project**, a charity who intercept and prepare delicious food which would otherwise go to waste in Manchester. They are opening their first restaurant later this year so make sure to check them out and have a chat with their representatives!

With all that said, thank you for coming out today. We hope you find something you are truly interested in to enjoy, and we hope you're inspired to think differently about everything that the world of healthcare has to offer. Enjoy!



Anne-Sophie Donnet
Conference Director



Prakhar Srivastava
Conference Co-Director

partners

Manchester Science Partnerships (MSP)

MSP is home to a thriving, diverse community of over 300 innovative businesses from across the health, science and technology sector. MSP's unique approach and unrivalled connections from the public and private sectors, academia and clinicians, provides companies with access to the right environments and networks such as funding, investors, markets and business support services to help accelerate growth and achieve commercial success. We provide the right environments and connections for new ideas to flourish and concepts to become commercial reality.



Issa Group

Issa Group is one of the only healthcare groups within the North West to provide a completely holistic approach to you and your family's health needs, starting from your first visit to the doctor, your trip to the pharmacy, and care for your elderly. As a family business, we pride ourselves on pioneering the friendly and human side to business: we are unique as a mid-sized enterprise in that we are large enough to invest in the best and newest technologies yet small enough to not forget that at the centre of everything we do is, and should be, the patient.



Manchester Outreach Medics

MOMs are a widening participation project, providing insight into life at medical school and the application process for medicine. With a team of enthusiastic medical students, they run events for those aspiring for a career in medicine. They aim to serve learners from lower SES backgrounds, from the year groups of year 10 to year 13, primarily working with year 12s. The events are designed to give valuable information and guidance, through presentations, innovative group activities and passionate teaching. They also communicate with other widening participation teams to assist in providing high quality widening participation programmes.



MadLab Manchester

Manchester Digital Laboratory (MadLab) is a grassroots innovation organisation, based in Manchester UK. Our primary areas of focus are science and technology; arts and culture. We support a diverse range of communities and activities – from monthly meetups and courses through to public experimentation with new & emerging technologies, and collaborating with others to deliver new, interesting and exciting projects.

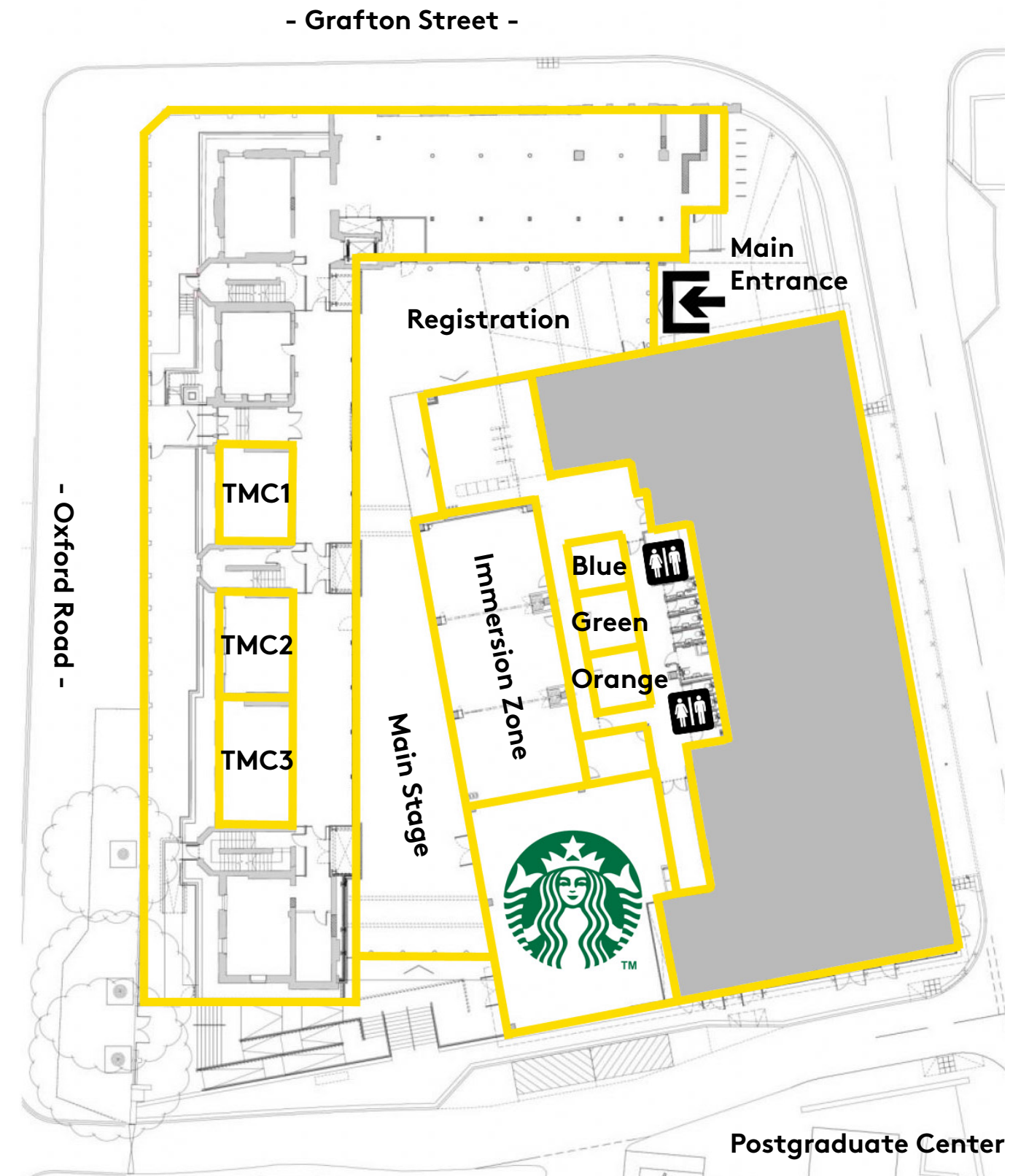


Doctorpreneurs

Doctorpreneurs is the global community for doctors, medical students and individuals interested in healthcare innovation and entrepreneurship. We are a nonprofit organisation committed to transforming healthcare. With healthcare facing unprecedented challenges globally, we believe that unlocking the wealth of talent within the system will be key to driving radical change.



venue map



For further directions throughout the day, please speak to one of our team members or volunteers.

conference agenda

08:00-09:00	Registration, Breakfast and Coffee					
09:00-09:15	Introduction and Welcome • Anne-Sophie Donnet, <i>Conference Director</i> • Anne Dornan, <i>Head of Innovation, Manchester Science Partnerships</i> • Carol Chanillor, <i>Student Liason Manager, Wesleyan</i>					
09:15-10:30	1st Plenary Set: ‘Research: The Core of Progress’ - Main Stage  Dr Pablo Rojo Conejo <i>Paediatric Infectious Disease Specialist, Madrid</i>  Dr Margaret Magdesian <i>CEO & Founder, ANANDA Devices</i>  Dr Liberty Foreman <i>CEO & Co-Founder, Beamline Diagnostics</i>			1st Workshop Set:  Ms Tista Chakravarty-Gannon <i>General Medical Council Blue Room</i>  Mr Nomaan Zubair <i>Open Mind Network Green Room</i>  Mr David Wood <i>London Futurists Orange Room</i>		
10:30-10:45	Coffee Break					
10:45-12:00	2nd Plenary Set: ‘Innovation as an Engine for Change’ - Main Stage  Mr Hugo Mercier <i>CEO & Co-Founder, Rythm</i>  Ms Clemence Franc <i>CEO & Co-Founder, NovaGray</i>  Mr Jules Hamann <i>Consultant ENT Surgeon, Medical Director, Cupris Ltd</i>			2nd Workshop Set:  Ms Kate Coles <i>Medical Detection Dogs Room TMC1</i>  Bella Eacott, Suzy Wilson <i>Performing Medicine Room TMC2</i>  Prof Lindsay Bashford <i>Lifebox Foundation Room TMC3</i>		
12:00-13:00	Lunch					
13:00-13:05	Snapshot: Real Junk Food Project					
13:05-14:00	Breakout Session featuring all 6 workshops and a panel discussion on the main stage (‘You Are The Future of Healthcare’) running simultaneously.  Mr Jules Hamann <i>Medical Director, Cupris Ltd</i>  Mr James Gupta <i>CEO & Co-Founder, Synap</i>  Mr Vojta Petrus <i>Chair, Manchester Entrepreneurs</i>  Mr Colin Tan <i>Founder, Rentlord</i>  Ms Helena Habdija <i>Portfolio Manager, Dotforge</i>					
14:00-14:15	Coffee Break					
14:15-14:20	Snapshot: DemDx					
14:20-14:40	Main Stage  Dr Aubrey De Grey <i>Chief Science Officer, SENS Research Foundation</i>					
14:40-14:50	Coffee Break					
14:50-16:45	MedXSolve: Rapid prototyping. Using technology to solve problems in healthcare.					
16:45-17:15	Prizes and Close					
17:15-18:30	Drinks Reception and Networking					

our speakers



Dr Pablo Rojo Conejo

Paediatric Infectious
Disease Specialist, Madrid

'Paediatric HIV in Africa - How to
approach a clinic and research in
a low limited setting'



Dr Margaret Magdesian

CEO & Founder,
ANANDA Devices

'Scientist-entrepreneur -
Bringing biological research to
the 21st century'



Dr Liberty Foreman

CEO & Co-Founder,
Beamline Diagnostics

'Streamlining the Cancer
Diagnostic Pathway'



Mr Hugo Mercier

CEO & Co-Founder,
Rythm

'Neurotechnologies in
Our Daily Lives'



Ms Clemence Franc

CEO & Co-Founder,
NovaGray

'From the Lab to the Clinic'



Mr Jules Hamann

Consultant ENT Surgeon, Medical
Director, Cupris Ltd

'Starting up as a doctor - Clinical
practice and entrepreneurship'



Dr Aubrey De Grey

Chief Science Officer,
SENS Research Foundation

'Rejuvenation Biotechnology - Why
age will no longer mean ageing.'

our panelists



Mr James Gupta

CEO & Co-Founder,
Synap

- Panelist -



Mr Colin Tan

Founder,
Rentlord

- Panelist -



Ms Helena Habdija

Community and Portfolio
Manager, Dotforge

- Panelist -



Mr Vojta Petrus

Chair,
Manchester Entrepreneurs

- Panelist -

our workshops



Ms Tista Chakravarty-Gannon

General Medical Council

'Ethical Implications of Social
Media and a Digital World'



Mr Nomaan Zubair

Open Mind Network

'Mental Health First Aid'



Mr David Wood

London Futurists

'Radical Scenarios for
the Future of Health'



Ms Kate Coles

Medical Detection Dogs

'Medical Alert Assistance Dogs'



Ms Bella Eacott, Ms Suzy Wilson

Performing Medicine

'Circle of Care - Arts based
methods in healthcare education'

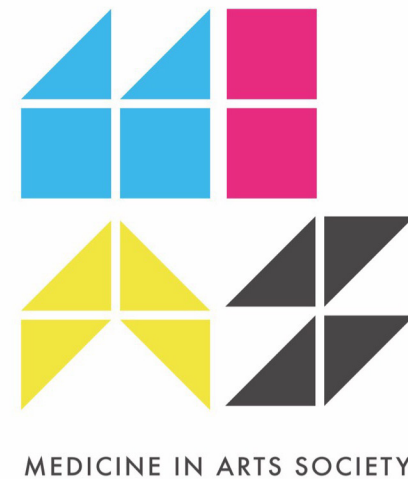


Prof Lindsay Bashford

Lifebox Foundation

'How can we help healthcare
systems work better for patients?'

immersion zone



We know conferences can get tiring and even boring (hopefully not ours) sometimes so we thought we'd make things a little bit more interesting for you. Our 'Immersion' Zone is a new addition this year and is a space where you can retreat to at anytime throughout the day and engage with a whole variety of activities. You can chill on our bean bags and check your emails or watch short movie screenings made by students or even enjoy the **Virtual Reality** experience on offer. **Medicine in Art Society** are equally curating a spectacular medical art exhibition and will take you through a journey between the past and future of healthcare. **Kettlebell** and **Starbucks** will be running taster stalls throughout the day whilst **Real Junk Food** will be putting on a buffet at lunch. They are a not for profit community interest company which source food that would otherwise go to waste, cook it up into lovely meals, with a focus on health and nutrition, and serve them to anyone and everyone on a pay-as-you-feel basis. The project tackles food waste, food poverty and social isolation, and is a mix of practical action and campaigning.



MedXSolve

powered by Healthera

MedXSolve is a two hours intense rapid prototyping and design thinking session where students, academics, entrepreneurs and industry persons work together to solve problems and build solutions to a complex healthcare problem. We will guide participants through a series of stages that start with presentation of a problem, challenge or opportunity to the presentation of a worked solution. By bringing together a diverse group with drive, knowledge, expertise and capacity we will work to leverage the knowledge, ideas and solutions into real world applications and products which advance innovation and further health. This year's challenge, to be revealed on the day, will be sponsored by **Healthera**, a Cambridge based health tech company which has developed a pharmacy-integrated health management app that tracks medical compliance, illustrates medical analytics to the users and brings digital upgrade to pharmacies in the UK. After the two hours, you will have the opportunity to pitch your solution to a panel of expert judges, dragon den style and prizes will be awarded to the winning team!



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