



VIRTUAL  
**Medicine Day Conference**  
OXFORD HIGH SCHOOL

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16th March 2021, 9.00am – 3.50pm

FOR YEARS 10-12



OXFORD  
HIGH SCHOOL

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GDST

GIRLS' DAY SCHOOL TRUST

# Welcome to the Conference

Welcome! With a reform of the NHS on the horizon and an ever-increasing demand for more staff across the healthcare sector, UCAS has seen a steady increase in medicine applicants for the past three years and states that “the growth in application coincides with an expansion of medical school places available at English universities for the third straight year”.

In preparation for any application to medical school, one should always consult The Medical Schools Council (<https://www.medschools.ac.uk/>). They list work experience requirements for each Medical School, so that secondary schools can help provide their pupils with placements in preparation for their application.

However, with limited spaces available on virtual work experience programs (see <https://medicmentor.co.uk/university-hospitals-birmingham-trust-virtual-work-experience/> and <https://www.bsms.ac.uk/index.aspx> to name two reputable providers) and no face-to-face placements currently available for the second school year in a row, schools struggle to provide the same meaningful encounter with a range of healthcare professionals. A group of aspiring medical students and their teachers have therefore worked hard to provide this virtual conference in order to provide a little bit of inspiration for medical aspiration!

## Practicalities:

- Links will be available via the following web page to all pupils who have registered interest: <https://oxfordhigh.gdst.net/medicine-conference-2021>
- We will use Zoom Webinars and the Q&A function
- Medical Mavericks will be run via a Vimeo link

## All you have to do is:

- Register
- Ask your questions via Q&A chat function by addressing the panellist to whom you are asking your question:  
*Mr. F - If I wanted to train as paramedic, where could I find information for this, please?*
- Be polite - a little ‘thank you for your talk’ goes a long way

We are ever so grateful to all our contributors. These are busy times for healthcare professionals and we can’t thank them enough for making time for this event.



# Agenda

9.00am	<b>Headmistress' Welcome</b>
9.15am	<b>Introduction: Dr C Strobel followed by Dr C Warrell</b>
9.35-10.35am	<b>University of Sheffield: Applications to Medical School and Dentistry</b> (Years 11 & 12)
9.35-10.35am	<b>Brighton &amp; Sussex Medical School: A journey through the NHS</b> (Years 10 & 11)
10.35-10.50am	<b>Break</b>
10.50-11.50am	<b>Cochrane: Evidence-Based Medicine</b> (Years 11 & 12)
10.50-11.50am	<b>Medical Mavericks: The Human Guinea Pig Show</b> (Year 10)
11.50-1.00pm	<b>Lunch</b>
1.00-1.45pm	<b>Panel Session A:</b> Medicine and GPs or Dentistry and Maxillofacial Surgery
1.50-2.35pm	<b>Panel Session B:</b> Surgery and Anaesthesia or Alternatives to Studying Medicine
2.35-2.50pm	<b>Break</b>
2.50- 3.35pm	<b>Panel Session C and closing thoughts:</b> The Lives of Medical Students and Young Doctors (Chaired by Professor Andrew Carr)
3.35-3.50pm	<b>Closing Talk with Professor Andrew Carr</b>

**Please note:** Panel Sessions are open to Years 10-12, and involve 3-5 panellists sharing their journeys, followed by Q&A.



# Morning Speakers

## Introductory Talk *From 9.15-9.35am*

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### **Dr Clare Warrell (OHS alumna)**

ST8 Tropical Medicine and  
General Medicine Registrar

Clare left OHS in 2004 and went to University College London Medical School, qualifying in 2010. After completing her academic foundation programme and core medical training in North/Central London hospitals she went on to work in Sierra Leone in the Ebola epidemic. In 2015 she started Infectious Diseases and subsequently Tropical Medicine registrar training. She has worked in many countries, most recently India, Peru and Malawi as part of her training. She is a keen sports woman and adventurer.

## Brighton & Sussex Medical School: A journey through the NHS *From 9.35-10.35am*

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### **Miss Charlotte Smyrk**

Widening Participation, Outreach  
and Recruitment Officer

This interactive session will discuss a cancer patient's journey through the NHS, from an initial GP visit through to clinical investigations, treatment and finally palliative care. Throughout the session we will be exploring the roles of a number of different healthcare professionals, highlighting the importance of being able to work together for the patient and aligning with the other core NHS values.

## University of Sheffield: Applications to Medical School and Dentistry *From 9.35-10.35am*

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### **Ms Ella-Rosa Twyman**

UK Student Recruitment Officer  
(Schools Liaison)

Ella-Rosa works in the UK Student Recruitment Office (Schools Liaison) at the University of Sheffield, a Russell Group university with a global reputation for excellence and student satisfaction. The Medical School is well-established, having been set up in 1828 and becoming part of the University of Sheffield in 1905, and its students go on to become world-class doctors. Plenty of support is offered along the way, including personal and academic guidance from a personal tutor.



# Morning Speakers

*(continued)*

**Cochrane: Evidence-Based Medicine**  
*From 10.50-11.50am*

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**Ms Selena Ryan-Vig**  
Knowledge Broker



**Ms Lynda Ware**

What is Evidence-Based Medicine (EBM) and why is it important when making decisions about our health? How can we find out if a treatment is effective and safe? Why is it important that we critically question health information and advice, and look behind the headlines? We explore these questions, and more, in this session. The content has been developed for sixth form students hoping to study medicine at university.

**Medical Mavericks:**  
**The Human Guinea Pig Show**  
*From 10.50-11.50am*

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**Mr Tom Warrender**

Meet Tom, The Human Guinea Pig as he introduces you to some of the unsung heroes of the NHS that perform 85% of all diagnostic tests in a hospital. During the show you'll see healthcare scientists that meet patients every day and examine blood vessels, the heart, lungs, eyes and more. Tom will perform a series of medical tests on himself to demonstrate what each career gets up to AND show some fascinating video footage of the tests he's had just for the fun of it! If you think this is going to be all about doctors and nurses, think again! Come and watch with an open mind to discover some fantastic careers!



## Panel A: Medicine & GPs

*From 1.00-1.45pm*



**Dr Joanna Cherry  
(OHS alumna)**

GP Trainee at Oxford Radcliffe  
Hospitals NHS Trust

Since leaving OHS, Joanna completed Graduate Medicine at Warwick University in 2008 and then undertook her foundation training in the Oxford Deanery. Following the earthquake in Haiti in 2010 she went to Port au Prince for a 3-month trip that turned into a 7-year adventure in disaster relief, major trauma and healthcare systems building. She is currently in the last year of GP specialist training in Oxford. Her interests include healthcare and health promotion in persons with disabilities, global health and UK health inequalities.



**Dr Noémi Roy**

Consultant Haematologist

Noémi trained in medicine in Edinburgh and carried out her haematology training in London and Oxford. Her main interests are haemoglobinopathies and rare inherited anaemias, and in particular the genetic investigation of inherited anaemias, including whole genome sequencing. She is also involved in investigating the management of iron deficiency in diverse patient groups. She is dedicated to using patients' views to guide how research is conducted in haematology and coordinating best practice care in red cell disorders at the UK and European level.



**Dr Esmie Warne  
(OHS alumna)**

Medical SHO

Esmie graduated 3.5 years ago from Brighton and Sussex Medical School, and has since worked as part of Oxford University Hospital Trust. She recently started internal medicine training and is on her neurology job at present. She is unsure which speciality she will end up pursuing in the long term but overall has had a great time at the start of her career.

Outside of medicine, Esmie loves sport and being outdoors. Her love of hockey, which originated at OHS, has continued but can be difficult to manage on a junior doctor rota. She can't wait for lockdown to end to hang out with friends and family again and is hoping to get married on the third attempt in April!



**Dr Charlotte  
Patterson  
(OHS alumna)**

Infectious Diseases and  
Microbiology Registrar

Charlotte studied Medicine at the University of Bristol, graduating in 2012 with a MBChB in Medicine and BSc in Microbiology. During her medical degree, she spent 6 months studying in Bordeaux and 3 months in Nepal. Charlotte completed her foundation and core medical training in London and Brighton, completing her MRCP examinations as well as doing a Diploma in Tropical Medicine through MSF during this time. She started speciality training in Infectious Diseases and Microbiology in 2016, and is currently studying for a Masters in Postgraduate Medical Education at UCL.

# Panel A: Dentistry and Maxillofacial Surgery

*From 1.00-1.45pm*



**Dr Nicola Beardsley**

Dentist

After studying Physics, Chemistry and Biology at school, Nicola went on to study a Bachelor of Dental Surgery at Birmingham Dental School. This degree involved 5 years of study and from there she took a position as an associate in general practice in Banbury. Nicola remained at the Banbury practice for 3 years and from there she bought her own practice in Botley, Oxford. The dental practice is principally a family based general practice but also offers specialist treatments such as implants, orthodontics and facial aesthetics. Nicola has owned the practice for 26 years.



**Dr Amit Mohindra**

Dentist, Digital Dentistry & Implantology

Amit studied dental surgery at Birmingham University, graduating in 2002. He also has an MSc in Dental Implantology and his special interest is in digital dental implantology and sedation. He is the only Implantologist in Oxfordshire offering the Navident navigation system, which ensures his implant techniques are minimally invasive with high cosmetic outcomes.

Amit is committed to ensuring patients' dental needs are achieved and compliments his implant skills by offering his patients intravenous sedation. He has travelled to Brazil and Morocco providing dental aid for the Dental Mavericks charity which is associated with the Eve Branson Foundation.

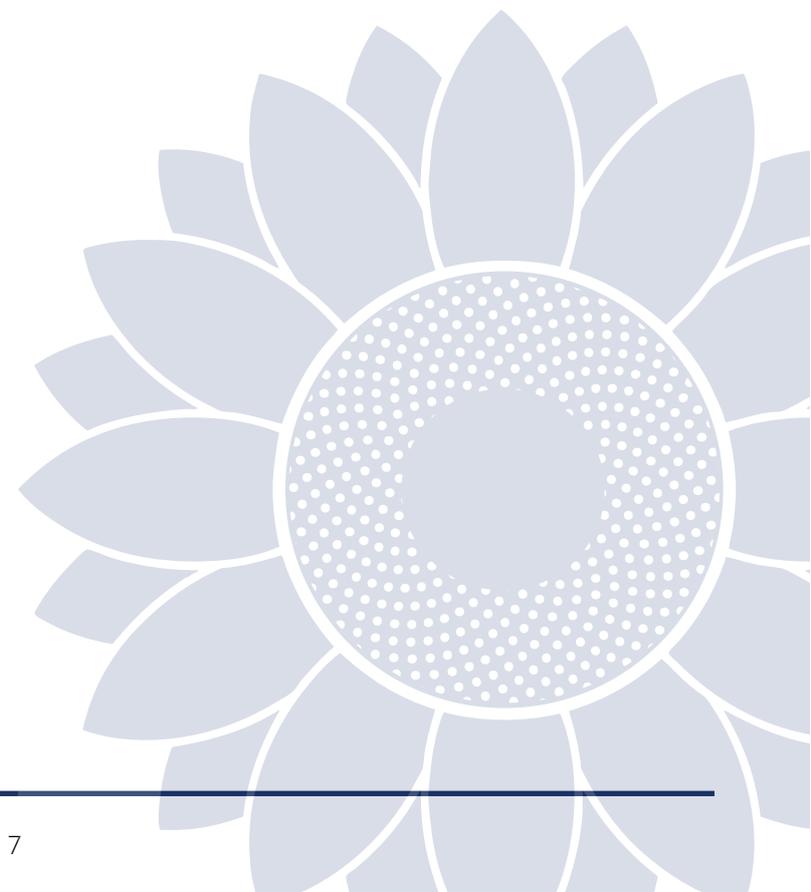


**Dr Tina Mohindra**

Practice Manager and interview panellist at KCL

Tina has a PhD in medical microbiology (University of Liverpool and King's College London) focusing on dental caries prevention and she has co-authored papers on this area. Tina has also presented her work at international conferences. Following this, she worked in the pharmaceutical industry managing clinical trials with consultants and experts in their fields.

Most recently, Tina has worked in dermatology and on the launch of a groundbreaking drug for patients with psoriasis. She has a passion for providing an excellent service for exceptional clinical care. This year, she sits on the interview panel for prospective dental students at King's College London.



# Panel A:

## Dentistry and Maxillofacial Surgery

*(continued)*



**Ms Gurprit  
K Bhamrah**

Consultant Orthodontist

Gurprit is a Consultant Orthodontist at Oxford University Hospitals NHS Foundation Trust and also works within a Specialist Orthodontic Practice. She qualified from Manchester University in 2006 and completed her General Professional Training in general dental practice and Oral and Maxillofacial surgery and obtained Membership of the Royal College of Surgeons, England. She went on to train in paediatric and special care dentistry while completing a Postgraduate Certificate qualification in Paediatric Dentistry from the Eastman Dental Institute in 2009.

Gurprit completed her orthodontic training at Guy's Dental Hospital and Queen Victoria Hospital, East Grinstead to become a Specialist Orthodontist, completing a Master's in Orthodontics from King's College London, and was awarded Membership of the Royal College of Surgeons in Orthodontics in 2013. She then went on to complete Consultant training at King's College Hospital attaining Fellowship of the Royal College of Surgeons in Orthodontics in 2016.

Gurprit's work as a Consultant Orthodontist focuses on multi-disciplinary management of complex orthodontics, orthognathic (facial) surgery, dento-alveolar surgery, restorative, and sleep apnoea patients. She is actively involved in the dental core training and orthodontic specialist registrar training programmes, teaching and training future Specialist Orthodontists and Consultants.



**Mr Satheesh Prabhu**

Consultant Oral & Maxillofacial/  
Head & Neck Surgeon

Satheesh graduated in both medicine and dental surgery. After his medical graduation, he worked in various surgical specialties including vascular surgery, orthopaedics and plastic surgery. He completed his specialist training in the North West Deanery. This involved training in various teaching and university hospitals.

He has done two JCST (Joint Committee on Surgical Training, advisory body to four royal colleges) and General Medical Council approved interface fellowships. He completed his Trauma and Reconstructive Fellowship in Queen Elizabeth Hospital, Birmingham and did his advanced training in head and neck cancer and reconstruction from Central Manchester University Hospitals and Christie Hospital, Manchester.

He is the recipient of Leibinger Fellowship from the European Association of Oral & Maxillofacial Surgeons and an "Advancing the Speciality" award from the International Association of Oral & Maxillofacial Surgeons.

Satheesh has also done a Postgraduate Certificate in Medical Education.

## Panel B: Surgery & Anaesthesia

*From 1.50-2.35pm*



**Dr Fiona Ratcliffe**  
(GDST alumna)

Consultant Anaesthetist

Fiona attended Wimbledon High School (GDST) and then studied Medicine at St Bartholomew's Hospital Medical School. She qualified in 1981 and gained experience in general medicine at Stoke Mandeville Hospital, followed by commencing anaesthetic training program with Nuffield department Anaesthetics, Oxford. Then married with 4 children, she continued her training part-time and subsequently continued as a part-time consultant anaesthetist with the Nuffield Department Anaesthetics, Oxford. During her time she has been fortunate to serve on the Mercy Ship in West Africa, in their surgical operating theatres and for a short spell in Malawi, teaching and supervising anaesthetic health care students. She is interested in perioperative medicine related to optimisation of patients prior to surgery. Currently her daughter, who attended Oxford High School, is now an anaesthetic trainee in the South West region and has provided Dr Ratcliffe with an additional job of part-time granny care!



**Mr Richard Gillies**

Consultant Bariatric Surgeon

Richard grew up in the seaside town of Skegness and attended the local grammar school, after which he studied medicine at St Mary's Hospital, Paddington, part of Imperial College, London. After his first year as a junior doctor, he spent 3 years in basic surgical training in Reading, followed by 6 years higher training in Oxford, as well as time researching chemotherapy for oesophageal cancer. He works in Oxford as a consultant upper gastrointestinal surgeon specialising in surgery for cancer of the oesophagus and stomach, as well as bariatric (weight loss) surgery.



**Ms Rebecca Grossman**

Specialist Registrar -  
General Surgery

Rebecca is an MRC Clinical Research Training Fellow at the Oxford Centre for Diabetes, Endocrinology and Metabolism, and a specialist registrar in general surgery in the Oxford Deanery. Her specialty interest is in upper GI and metabolic surgery, and her current area of research is in the circadian mechanisms of liver metabolism. She is Associate Editor for Social Media of the British Journal of Surgery, and a member of the Royal College of Surgeons of England Women in Surgery Forum.

Rebecca completed her medical degree at the University of Cambridge, intercalating in Zoology, and Guy's King's St Thomas School of Medicine in London, winning the Legg Prize in Surgery. She completed the Academic Foundation Programme and core surgical training in London. She then moved to Oxford for higher surgical training in general surgery. She has published network science research on social media use among surgeons, and papers on diversity in medicine. She is now undertaking a DPhil in circadian biology.



**Miss Nicola Petrie**

Consultant Reconstructive  
and Plastic Surgeon

Nicola studied Medicine at Bristol University and undertook her house jobs in the South West whilst working in her spare time as an expedition Doctor. She carried out a 2-year doctorate at Harvard University studying gene therapy for healing, before returning to complete her Registrar training in Plastic Surgery, undertaking fellowships in Lyon, London and Chelmsford. She now works as a Consultant in Oxford specialising in Breast reconstruction and skin cancer treatment. She has set up the Oxford BRA charitable group, been an Oxford University Medical Student examiner and trains and mentors doctors of the future. She has 2 daughters who attend Oxford High School, lives in the Cotswolds and enjoys running, photography and interior design.

# Panel B: Alternatives to Studying Medicine

*From 1.50-2.35pm*



**Mr Bob Fellows**  
**FCPara**

Head of Education at  
College of Paramedics

Bob joined the London Ambulance Service in 1980 and worked clinically, educationally and managerially for them until he switched to work for the professional body (The College of Paramedics). Bob has authored, edited and published specialist paramedic books and some research into paramedicine. He is an education visitor and a CPD assessor for the Health and Professions Council (HCPC) and sits on the executive of the professional body. Bob lives in Wiltshire on the Oxford borders, is married with two grown up children: one a paramedic of 10 years who is now retraining to be a COE minister and another who is a Cardiology Registrar in the Oxford Deanery.



**Dr Carmine**  
**Ruggiero**

Advanced Nurse Practitioner  
in Respiratory Medicine

Carmine is an Advanced Nurse Practitioner based in respiratory medicine at Oxford University Hospitals NHS Foundation Trust. He is also an Associate Lecturer at Oxford Brookes, teaching on the undergraduate and postgraduate adult nurse programme. He is currently undertaking a professional doctorate in nursing with a particular research interest in the lived experience of those with fibrotic lung disease. He manages a nurse-led respiratory service, which involves both in-person and virtual patient review. He previously worked in intensive care and currently mentors pre-registration nursing students. Prior to embarking on his career in nursing he trained as a chemist gaining a PhD in catalysis; he worked in the scientific branch of the civil service both at the Home Office and UK Research Councils.



**Mr Rhys Sycamore**

Student of Paramedic Science

Having studied Public Relations at degree level previously, Rhys decided to apply to university to study Paramedic Science. Since enrolling as a paramedic undergraduate, he has had two comment articles published and is currently the Southwest regional representative for the College of Paramedics student council. Following the completion of his degree, Rhys hopes to study postgraduate medicine. His primary interests relate to undergraduate education and the theory practice divide. He is also passionate about patient communication and how it can affect care.



**Ms Eleanor Tanner**

Student Paramedic

Eleanor is a second year paramedic student at Brighton University and the South East regional rep for the College of Paramedics student council. She has a real interest in research and education and loves any opportunity to grow her knowledge base.

# Panel B: Alternatives to Studying Medicine

*(continued)*



## **Ms Philippa Dent (OHS alumna)**

Health Improvement  
Practitioner in Public Health

Philippa started working in Public Health in October 2017 and is currently a Health Improvement Practitioner in the Public Health team at Oxfordshire County Council, with a focus on local knowledge and intelligence. Since early 2020, this has included local surveillance of COVID-19. Her academic background is in Biomedical Science which she studied at Newcastle University. During her final year she completed a research project in Epidemiology at the Population Health Sciences Institute.



## **Miss Evie Finnegan (OHS alumna)**

Pharmacy Student

Evie is currently a pharmacy student at Cardiff University. She has worked in all kinds of healthcare settings, such as hospitals, GP surgeries and community pharmacies. She has been involved in many interesting projects such as starting a mental health charity and working on drug trials for a breast cancer treatment. On the side of her studies, she has learnt to snowboard and speak two languages, German and British Sign Language.



# Panel C: The Lives of Medical Students and Young Doctors

Chaired by Professor Andrew Carr

*From 2.50- 3.35pm*



**Professor  
Andrew Carr  
(OHS Governor)**

Professor of Orthopaedic  
Surgery

Andy is the Nuffield Professor of Orthopaedic Surgery at the University of Oxford. He works on the development and evaluation of joint replacements, keyhole surgery and bioactive tissue engineering scaffolds. He helped define the use of the Oxford Knee as a partial knee replacement which has been implanted in over 2 million people worldwide and has pioneered the importance of patients' views in assessing the outcome of surgery. The Oxford Scores are now used globally to assess patient outcomes and direct health policy.

His clinical trial research has included defining the indications for, and ethics of, placebo surgery controls in surgical trials. He has held leadership, trustee and advisory roles with medical charities, Universities and research councils in the UK and internationally. He has four children and all three of his daughters attended Oxford High School. He is also a Governor of the school.



**Ms Nikki Kerdegari  
(GDST alumna)**

Year 2 Medical Student and  
Future Frontline Co-Founder

Nikki is a second-year medical student at King's College London and the co-founder of Future Frontline. Future Frontline is a free educational resource aiming to inspire and help students to become the next generation of healthcare professionals in the NHS and emphasise the importance of the multidisciplinary team. Since launching in August 2020, the Future Frontline website has over 60 blog posts written by aspiring and current healthcare students as well as professionals, over 2500 Instagram followers and a podcast. This month, she has launched a webinar series for university applicants covering over 20 different healthcare careers with the support of organisations such as The College of Paramedics.



**Ms Ella Hobbs  
(OHS alumna)**

Year 2 Medical Student

Ella is a second-year medical student interested in cardiothoracic surgery and emergency medicine. She is nearly at the end of preclinical years and looking forward to the start of clinical placements in September. Alongside this Ella is interested in medical education and teaching. She has spent this year adapting to a different way of learning during the Covid-19 pandemic and is currently involved in the voluntary Covid-19 vaccination programme.

# Panel C: The Lives of Medical Students and Young Doctors

*(continued)*

## **Ms Jess Knight (OHS alumna)**

Year 4 Medical Student

Jess is a fourth-year medical student at Trinity Hall, University of Cambridge. She has a first class intercalated degree in Archaeology (Biological Anthropology) and is currently undertaking her first year of clinical studies.



## **Ms Katie Abell (OHS alumna)**

Year 6 MBBS Medical Student

Katie is a final year Medical Student at UCL but started her training at the University of Oxford. She is currently helping out as best she can on the COVID wards in Basildon. At OHS Katie loved music, sports and mucking about in science lessons. In the future she wants to be an anaesthetist!



## **Dr Indira Malik (OHS alumna)**

Foundation Year 2 Doctor in Trauma and Orthopaedics

Indira graduated from Oxford High School in 2013. After school she studied medicine at Imperial College London where she also completed a BSc in neuroscience. At university she developed a passion for HIV medicine, research, and for writing about the theatre. Indira worked at Warneford Hospital and the JR in her first year after qualifying and now works in Trauma and Orthopaedics at Stoke Mandeville Hospital.



## **Miss Chaerin Im (OHS alumna)**

Year 4 Medical Student

Chaerin is currently a fourth-year medical student studying at St Edmund Hall, University of Oxford. She has started her first year of clinical medicine having completed three years of preclinical medicine and an Honours BA in Medical Sciences.



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## *Thank you*

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We would like to say a huge thank you to all our contributors, especially to the alumnae, parents and friends of Oxford High School, without whom this event would not be possible. A special thank you also goes to the aspiring medics in Year 12 at Oxford High School who have been involved in all of the planning and will be chairing sessions on the day.

