

Medicos





INTRODUCTION

Welcome to "MEDSOC", our programme to support students seeking a potential career in medicine, dentistry, or veterinary science.

As part of the programme you will meet throughout Y12 and Y13 as a group with me and with our external MEDSOC mentor, who has worked as GP and who also currently helps with the interview process for Hull York Medical School (HYMS).

As a potential medic/vet/dentist you will have to go through quite a rigorous application process to access one of these courses. This will include:

- A strong personal statement
- An aptitude test (sat in the summer of Year 12), called the UCAT
- Work experience (virtual/in person)
- Ethical debate
- Deciding on which medical school suits you
- An interview
- Gaining 3 grade As at A level

The programme will help support you with all of these aspects so that you feel equipped and ready to face the challenge of an application.

Head of Sixth Form

CURRICULUM

Y12 AUTUMN 1

No significant contact.
Welcome email and work experience document with reading list.

Y12 AUTUMN 2

Initial meeting with Bridget – Introductions
HYMS input 1 - "Pathways to medicine"
Meeting – Roles within the medical profession
Medic mentor meeting

Y12 SPRING 1

Meeting – Current issues facing the medical profession – Research and discussion skills. Wider reading
HYMS input 2 - "Preparing for medicine" (A talk suitable for Year 12 students who are thinking about a career in medicine. The talk covers topics such as, researching medical schools, admissions tests, gaining work experience and preparing for interview).
Meeting – Work experience and reflection diaries
HYMS input 3 - "Making the most of work experience" (A short interactive talk that looks at how you can make the most of any experience you may have when thinking about applying to medical school. The session will review what medical schools are looking for when selecting applicants and help students to think reflectively about the experience they already have, as well as consider what they might need.)
Medic mentor meeting

Y12 SPRING 2

Meeting – Medical Ethics
HYMS input 4 - "PBL session" - (Problem based learning (PBL) is one of our core teaching method at Hull York Medical School. Suitable for year 12 and 13s, during this session, your students will be guided through a PBL case with our medical students to support them.)
Medic mentor meeting

Y12 SUMMER 1

Meeting – Personal statements – Analysis of personal strengths and weaknesses
HYMS input 5 - "Medical Ethics" A session looking at medical ethics. Students will work in groups to debate patient outcomes for treatment developing their teamworking and communication skills. This session can be delivered in schools, on one of our university campus sites or as an online session. Minimum booking numbers are for 10 students."
Meeting – Medical schools and the application process
Medic mentor meeting

Y12 SUMMER 2

Meeting – Preparing for the UCAT
Meeting – Personal statement review
Medic mentor meeting

Y12 AUTUMN 1

Meeting – Personal statement review & Preparing for interview
HYMS input 6 - "Preparing for interview" - (An interactive talk supporting students who may be preparing for medical school interviews in the coming months. The talk will provide information on how to structure answers, think about the types of questions that will be asked, and how to link in work experience and personal values.)
Meeting – Interview practice
Medic mentor meeting

Y12 AUTUMN 2

Meeting – Interview practice

Y12 SPRING 1

Meeting – Interview practice

VIRTUAL SUPPORT AND WORK EXPERIENCE

Below are some additional resources that will help you to prepare for an application to one of these courses.

The following website has some great information on what is out there:

<https://www.theaspiringmedics.co.uk/online-work-experience>

Virtual work experience - Cost

<https://investin.org/collections/medicine/products/the-young-doctor-programme>

Virtual work experience - Free

<https://bsmsoutreach.thinkific.com/courses/VWE>

<https://www.rcgp.org.uk/training-exams/discover-general-practice/observe-gp.aspx>

<https://medicmentor.co.uk/university-hospitals-birmingham-trust-virtual-work-experience/>

<https://alliedhealthmentor.org/nhs-healthcare-careers-virtual-work-experience/>

In person volunteering – You can volunteer for a period of time on a ward at one of the hospitals in the East Riding.

<https://www.humber.nhs.uk/Get%20Involved/volunteering.htm>

Hull York Medical School – Our local medical school does a lot to support students applying to a course in medicine (even if you don't eventually end up applying there).

- pathways to medicine – This is a specialist programme to support students who meet certain eligibility criteria. Check if you do: [Pathways to Medicine | HYMS](#)
- HYMS summer school – You can apply for this later in the year. Here is a link to last year's summer school so you can see what was involved: [Year 12 Online Summer School | HYMS](#)
- Medicafe – HYMS run regular webinars and sessions to cover a range of topics, including things like how to apply to a medical school. Sign up to the newsletter and keep checking the website to find out about new sessions as they get added to the programme: [MediCafé | HYMS](#)



Medicine



WHAT SHOULD I DO NOW?

The best thing to do is to start early and keep a reflective journal handy to make notes. Complete the BSMS and ObserveGP work experience, to get an introduction to the medical career, and complete the Doctalk Work Experience to get first hand clinical experience. As you go about these work experiences, jot down what you learnt from each day. Write down how specific scenarios developed your understanding of a medical career, and think about why you think you would make a good doctor.

For example: shadowing orthopaedic surgeons in the operating theatre may have taught you why doctors need to function as both leaders and team players, a skill you honed whilst captaining a school sport.

Working with radiologists may have highlighted the importance of attention to detail-a quality you picked up during your extensive hours of sketching.

Watching cardiologists lead a cardiac arrest may have highlighted the importance of effective communication, an attribute you honed whilst organising the school science fair.

OTHER OPPORTUNITIES

If you know any healthcare professionals, arrange to have a conversation with them (on the phone, or through zoom etc) and find out about their role and their interactions with patients.

Get, non-medical experience. Medical schools are interested in seeing that you have gone beyond the classroom and the theory to gain experiencing interacting with other people. Maybe consider volunteering, or supporting with groups. This could be in care homes, youth groups, in school (such as our reading mentor scheme), at Kingsmill, with toddler groups.

<https://www.reengage.org.uk/>

Remote volunteering opportunity below:

<https://www.themedicportal.com/courses/volunteering-reflection-programme/>

UCAT PREPARATION

<https://www.ucat.ac.uk/>

<https://www.themedicportal.com/application-guide/ucat/>

<https://www.medentry.co.uk/what-is-ucat-and-how-to-prepare-for-it>

<https://www.medify.co.uk/ucat>

<https://www.passmedicine.com/ucat/>

VIRTUAL SUPPORT AND WORK EXPERIENCE

Virtual Work Experience (Free)

<https://www.springpod.com/virtual-work-experience>

<https://www.futurelearn.com/vet-school-application-support>

<https://yourmedicfamily.org/medic-mentor-work-experience/>

Virtual Work Experience (Cost)

<https://investin.org/vet>

Additional study/reading

<https://www.ed.ac.uk/vet/studying/moocs-overview>

Articles available at

<https://www.vettimes.co.uk/>

<https://www.veterinary-practice.com/>

Online community

<https://www.instagram.com/vetmentorfamily/>

Other health care careers

<https://alliedhealthmentor.org/nhs-healthcare-careers>

<https://join.springpod.co.uk/nhs-virtual-work-experience/>

<https://www.stepintothenhs.nhs.uk/work-experience>



Veterinary



READING LIST

- **Missing Microbes: How the Overuse of Antibiotics Is Fueling Our Modern Plagues** by Martin J. Blaser (2014)
- **Farmageddon: The True Cost of Cheap Meat** by Philip Lymbery (2014)
- **Zoobiquity** by Barbara Natterson-Horowitz and Kathryn Bowers (2012)
- **Spillover: Animal Infections and the Next Human Pandemic** by David Quammen (2012)
- **Animals Make Us Human: Creating the Best Life for Animals** by Temple Grandin (2010)
- **Inside of a Dog: What Dogs See, Smell, and Know** by Alexandra Horowitz (2009)
- **The Secret Life of Cells: How We Live and Why We Die** by Lewis Wolpert (2009)
- **Why Evolution is True** by Jerry Coyne (2009)
- **Your Inner Fish** by Neil Shubin (2008)
- **The Emotional Lives of Animals** by Marc Bekoff (2007)
- **Animals in Translation: Using the Mysteries of Autism to Decode Animal Behaviour** by Temple Grandin (2005)
- **Our Inner Ape: The Best and Worst of Human Nature** by Frans de Waal (2005)
- **Endless Forms Most Beautiful** by Sean B. Carroll (2005)
- **The Ancestor's Tale** by Richard Dawkins (2004)
- **The Pathological Protein: Mad Cow, Chronic Wasting, and Other Deadly Prion Diseases** by Philip Yam (2003)
- **Fatal Flaws** by Jay Ingram (2003)
- **A Primate's Memoir: Love, Death and Baboons in East Africa** by Robert Sapolsky (2002)
- **The Blank Slate: The Modern Denial of Human Nature** by Steven Pinker (2002)
- **The Scalpel and the Butterfly: The Conflict between Animal Research and Animal Protection** by Deborah Rudacille (2000)
- **Evolution in Health and Disease** by Stephen C. Stearns (1999)
- **Deadly Feasts** by Richard Rhodes (1997)
- **Why We Get Sick** by Randolph M. Nesse (1994)
- **When Elephants Weep: The Emotional Lives of Animals** by Jeffrey Moussaieff Masson (1994)
- **The Third Chimpanzee** by Jared Diamond (1991)
- **The Panda's Thumb** by Stephen Jay Gould (1980)
- **The Selfish Gene** by Richard Dawkins (1976)
- **The Naked Ape** by Desmond Morris (1967)



TO STUDY THE
PHENOMENON OF
DISEASE WITHOUT BOOKS
IS TO SAIL AN
UNCHARTED SEA, WHILE
TO STUDY BOOKS
WITHOUT PATIENTS IS NOT
TO GO TO SEA
AT ALL.

SIR WILLIAM OSLER
(1849-1919)

