



# Global Aspiring Medic Conference 2020

## CONTENT

## INTRODUCTION

The Global Aspiring Medic Conference (GAMC) is the largest student medical conference held in Asia annually since 2015, with over 400+ speakers and participants from all over the world. It aims to broaden the mindset and understanding of the medical science / healthcare industry for students.

Professionals and licensed practitioners share their expertise in various specialties of Medicine – to genuinely reflect the multidisciplinary nature of clinical practice. Students can interact with the speakers to gain a realistic insight into the world of healthcare. They can also discover ways to begin their path towards their future career in medicine in the information sessions on university admissions.

Conference Schedule	3
Keynote Speaker Forums	4
Clinical Lectures	6
2015-19 GAMC Speakers	10
Medic Admissions Tips	12
ARCH Community Outreach	14

ORGANIZER



IN COLLABORATION WITH



## CONFERENCE SCHEDULE

Time:	Event:
13:00 - 13:15	Opening Address
13:15 - 14:00	Clinical Lectures I-IV: Looking to the Future - the Next 10 Years of the Healthcare Industry
14:00 - 14:15	A Dialogue with Speakers
14:15 - 14:30	Break
14:30 - 15:30	Keynote Speaker Forum I
15:30 - 15:45	Break
15:45 - 16:30	Keynote Speaker Forum II
16:30 - 17:00	A Dialogue with Speakers

### Keynote Speaker Forums:

- Forum I: Navigating the Maze of Medical School Admissions & Life as a Medic Student
- Forum II: Ways in Which AI and Data Analytics Are Transforming Medical Care

### Clinical Lectures:

- Lecture I: A New Aspect to Improve the Quality of Life of Children with Autistic Spectrum Disorder (ASD) in 10 Years and Onwards
- Lecture II: Looking to the Future – Women's Health
- Lecture III: Recent Advances in Radiation Oncology
- Lecture IV: The Next 10 Years of Neurosurgery

# KEYNOTE SPEAKER FORUMS

## FORUM I

### Navigating the Maze of Medical School Admissions & Life as a Medic Student

Medicine is one of the most competitive subjects to gain entry to in the world. But beyond top grades, what else can students do to prepare ahead of applications to medical schools? Students will have the opportunity to learn from experienced university consultants about pathways for studying medicine and related subjects in Hong Kong and abroad. Students will also gain an understanding of what qualities medical schools are really looking for, as well as discover ways in which they can enhance their chance to enter medical schools.



**Ms. Jennifer Ma**

Director of University Admissions Consultation & Co-Founder, ARCH Education & ARCH Community Outreach

Jennifer Ma graduated from Oxford University with First Class Honors in Economics and Management (B.A., Hon M.A.), and achieved her Masters of Education from the University of Hong Kong in 2011. Jennifer is the Founder & Director of ARCH Community Outreach and ARCH Education. She is responsible for curriculum development and as the Head of University Counseling for UK and HK, Jennifer leads a team of 100+ counselors with subject expertise across 30+ disciplines.

Achieving more than 280 offers in the past 5 years, medicine is indeed one of the ARCH team's strongest areas. Jennifer has been invited to deliver large scale pre-university preparation talks and workshops at Hong Kong Federation of Youth Groups, Hong Kong Outstanding Student Association and HKU Academy for the Talented.

Dr. Hsu studied medicine at the University of Cambridge and University College London, graduating with a MA (Hons) and MBBS degree. During his time at Cambridge, Dr. Hsu completed an intercalated BSc degree in pharmacology with a research project on the novel nucleic acid binding Alba proteins. After qualifying as a doctor, Dr. Hsu worked at Newham University Hospital and Queen's Hospital.

During the tenure, Dr. Hsu was actively involved in teaching medical students and providing training to the nursing staff. Dr. Hsu was awarded a Certificate of Commitment to Teaching from the NHS. Dr. Hsu also undertook a diabetes audit commissioned by Clinical Commissioning Group to improve patient care and the findings were presented at a local GP meeting. At ARCH, Dr. Hsu guides students applying to UK medical schools and specialises in MMI, UCAT and BMAT training.



**Dr. Angus Hsu**

MA Hons (Cantab), MBBS  
Medical Admissions  
Consultant,  
ARCH Education

## FORUM II

### Ways in Which AI and Data Analytics Are Transforming Medical Care

Breakthroughs in data-gathering technologies have rapidly increased our capacity to collect genetic, epigenetic and phenotypic data at scale, powering large population-level studies of the molecular bases of several important diseases. At the same time, a systematic effort of digitisation has made clinical and health record data increasingly available across life-spans and populations.

Artificial Intelligence (AI) techniques have the potential to contribute significantly to health research and healthcare delivery with their ability to effectively capture patterns in large, high-dimensional data sets; to accelerate previously slow and laborious screening procedures; and potentially to automate, improve and systematise diagnostic and therapeutic protocols, reducing risk and enhancing outcomes.

Professor Peter Mathieson MBBS(Hons)(London), PhD (Cambridge), FRCP(London), FMedSci assumed the office of Principal and Vice-Chancellor of the University of Edinburgh in February 2018.

Peter Mathieson was born and educated in the United Kingdom. He went to a state grammar school in Penzance, Cornwall and was the first member of his family to go to university. He read Medicine at the London Hospital Medical College and qualified with First Class Honours from the University of London in 1983. After junior medical posts in London, he obtained a research training fellowship from the Medical Research Council (MRC) to study at the University of Cambridge. He was awarded a PhD by the University of Cambridge in 1992. He became Director of Studies for Clinical Medicine at Christ's College, Cambridge following his PhD. After a further MRC fellowship he moved to Bristol in 1995 as the foundation Professor of Renal Medicine at the University of Bristol and Honorary Consultant Nephrologist, North Bristol NHS Trust. In 1999, he was elected to the Fellowship of the Academy of Medical Sciences.

Of the various prizes and academic awards that he has received, he is most proud of being voted "Teacher of the Year" by Cambridge medical students in 1992; the Milne-Muehrcke award from the Renal Association and the National Kidney Foundation of USA for "most promising young researcher" from UK in 1997; the UK Renal Association Lockwood Award (for contribution to academic renal medicine) in 2004; and being voted "top teacher 2011-12" by Foundation doctors at University Hospitals Bristol.



**Prof. Peter Mathieson**

Principal &  
Vice-Chancellor of the  
University of Edinburgh



# CLINICAL LECTURES

The Clinical Lectures are designed for students to understand the work of medical practitioners and allied healthcare professionals with different backgrounds. The purpose is to increase students' understanding of how professionals from a range of disciplines work together to deliver comprehensive care to address all of the patient's needs. The lectures are designed to be interactive rather than didactic. Additionally, there will be a Q&A session for students to gain insights and practical advice from our guest speakers on how to begin their path towards a future career in medicine.



## Lecture 1 A New Aspect to Improve the Quality of Life of Children with Autistic Spectrum Disorder (ASD) in 10 Years and Onwards

Wilfred Hing-sang Wong, obtained his Master of Medical Sciences from the University of Hong Kong in 2003 and graduated with distinction, registered as a Part I Medical Technologist in 1992, registered as a Chinese medicine practitioner in 2001, and obtained his PhD degree in public health in 2018. He joined the department of Paediatrics and Adolescent Medicine at the University of Hong Kong in 1985.

Dr. Wong specializes in computer technology, medical laboratory testing, medical statistics, child community health research and public health. He has conducted many high-impact research studies, including in the area of genetic analysis, vaccine study, infectious diseases, child hospital admission, asthma and allergies, air pollution, child abuse, child injury and child suicide. Dr. Wong is the author of over 100 articles published in various peer-reviewed journals. Dr. Wong is also active in the research of community child health and clinical trial, with the mission to improve the quality of life and protection of children in Hong Kong and China.



### Dr. Wilfred Wong

BSc (Science), MSc  
(Medical Science), PhD  
(Public Health)

Senior IT Manager  
Department of  
Paediatrics & Adolescent  
Medicine  
HKU Li Ka Shing Faculty  
of Medicine



### Ms. Amy Tso

M.Ed. (HK), B.Ed.  
(Burwood), MIL  
Honorary Research  
Associate  
Department of  
Paediatrics & Adolescent  
Medicine  
HKU Li Ka Shing Faculty  
of Medicine  
Co-Founder & Advisor

Ms. Amy Tso obtained a Diploma in the Education of Deaf and Partially Hearing Children at University of London, UK. She was awarded a bachelor's degree in Special Education at Victoria College, Australia and later completed a master's degree in Special Education at the University of Hong Kong.

Ms. Tso worked with children with special educational needs (SEN) for over 39 years and was the principal of three special schools. She is interested in exploring alternate methods to train SEN children, such as with Play Learning and Animal Assisted Intervention (AAI).

She is also the co-founder of the website 'oneclick.hku.hk' which enables parents, care takers, and students in need to have easily accessible information on health, education and social development services in Hong Kong.







**Dr. Harriet Stuart Clarke**

General Practitioner,  
Central Health Medical  
Practice

MBBS (Lond), LMCHK,  
DRCOG

## Lecture 2 Looking to the Future – Women's Health

Dr. Stuart-Clarke grew up in the UK and lived in London after University. She moved to Hong Kong in 2015 and is a General Practitioner.

Dr. Stuart-Clarke is a keen volunteer doctor of the Patient Care Foundation (PCF), which seeks to provide medical and healthcare support to those most in need. The organization provides pro bono healthcare to refugees. Its mental health initiative, Mind Hong Kong (Mind HK), provides bilingual mental health information and resources, with the goal of destigmatising mental health and raising awareness of it. In November 2017, the PCF co-organised an international mental health conference with the purpose of destigmatisation in Hong Kong. This year Mind HK is launching a youth mental health initiative, Coolminds, which will provide training for parents and teachers as well as online mental health support

## Lecture 3 Recent Advances in Radiation Oncology

Dr. Caryn Wujanto graduated from Imperial College School of Medicine with Distinction in Clinical Sciences in her MBBS degree and has worked at various hospitals, including Chelsea & Westminster Hospital and West Middlesex Hospital for her foundation years, and the Royal Brompton Hospital and Royal Marsden Hospital for her Core Medical Training. She has obtained her Membership of the Royal College of Physicians and completed a course on 'Effective Teaching Skills for Doctors as Educators' at the Royal College of Physicians in London.

Dr. Wujanto undertook an intercalated BSc in Medical Sciences with Endocrinology and undertook her clinical research on colon cancer screening for patients with acromegaly. She has published journal papers on measurements of growth hormone in patients with acromegaly, radiotherapy treatment for bladder cancer, radiotherapy boost to pelvic nodes in cervical cancer, EBV-associated smooth muscle tumours, stereotactic body radiotherapy for oligometastases in lung cancer, and received the Best Poster Award for her research on biomarker for radiotherapy resistance in cervical cancer in 2019. She is currently working at the National University Cancer Institute, Singapore.



**Dr. Caryn Wujanto**

Imperial College School of  
Medicine  
Senior UK Consultant of  
ARCH Education



**Dr. Joseph MK Lam**

Specialist in Neurosurgery

MBChB (CUHK), FCSHK,  
FRCS(Edin), FHKAM(Surg)

## Lecture 4 The Next 10 Years of Neurosurgery

Dr. Joseph Lam graduated from the Chinese University of Hong Kong (CUHK) and trained in neurosurgery at the Prince of Wales Hospital (H.K.) and University of Cambridge (U.K.). He was appointed Honorary Clinical Associate Professor in the Department of Surgery, CUHK in 1995.

During the 1990s, Dr. Lam's main focus of research was on the changes in the oxygenation of the brain following head injury and stroke. Dr. Lam studied the application of near-infrared spectroscopy, laser, microdialysis, Xenon enhanced CT scan and cerebral venous blood sampling to assess the changes in the brain following different insults on the brain. The results help doctors to decide what are the best treatment options for the patients.

Dr. Lam was appointed Consultant Neurosurgeon in the Prince of Wales Hospital in 1998. Dr. Lam then continued to explore new neurosurgical technology. Through overseas training, integration of novel technology to clinical practice and organising educational symposium and workshops, Dr. Lam has promoted and shared several neurosurgical techniques to Hong Kong and Asia Pacific Region.

Dr. Lam is currently studying the integration of intra-operation 3D scanning, navigation and endoscope for spine surgery. Dr. Lam has organised various workshops and symposium for local and regional doctors.





**Dr. Will Polkinghorn**  
Co-Founder and CEO of Driver; Former Memorial Sloan Kettering Oncologist



**Dr. Alan Kwok**  
Founder & Director of LeGENE Personal Genetic Centre; Specialist in Respiratory Medicine



**Dr. Malcom Hilton**  
Honorary Senior Lecturer, University of Exeter Medical School; Programme Lead for Extreme Medicine; Hospital Sub Dean, Consultant Otolaryngologist



**Prof. John Betteridge**  
Consultant Physician, UCL Hospitals & Associate Dean, The Royal Society of Medicine



**Prof. Terence Lau**  
Director of Innovation and Technology Development & Adjunct Professor, Hong Kong Polytechnic University



**Prof. Keiji Fukuda**  
Director & Clinical Professor, School of Public Health, University of Hong Kong



**Prof. Chak Sing Lau**  
Chair of Division of Rheumatology and Clinical Immunology, Queen Mary Hospital



**Dr. Vijay Kuchroo**  
Professor & Director, Evergrande Center for Immunologic Diseases, Harvard Medical School



**Mr. William Cheung**  
Registered Chinese Medicine Practitioner; Former Deputy



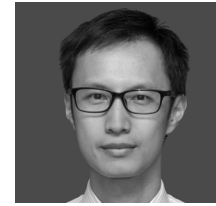
**Dr. Jason Chan**  
Assistant Professor, Department of Otorhinolaryngology, Head and Neck Surgery at CUHK



**Prof. Sunny H. Wong**  
Assistant Professor and Specialist in Gastroenterology & Hepatology, CUHK



**Dr. Michael Humphries**  
Senior Development Franchise Head, Novartis China



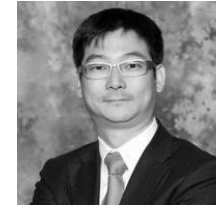
**Dr. Kenny Kwan**  
Clinical Assistant Professor, Department of Orthopaedics & Traumatology, HKU



**Prof. Andre Furger**  
Associate Professor, Chromosomal and RNA Biology, University of Oxford



**Prof. Hannah Smithson**  
Fellow and Tutor in Psychology, University of Oxford



**Dr. George Chiu**  
Head of Department of Radiotherapy, Hong Kong Sanatorium & Hospital



**Ms. Cinci Leung**  
Registered Chinese Medicine Practitioner, University of Hong Kong



**Dr. Katie Lunnon**  
Senior Lecturer in Epigenetics, University of Exeter Medical School



**Prof. Robin Murphy**  
Experimental Psychology Fellow, Corpus Christi College Oxford



**Dr. Jeffrey Wong**  
Specialist in Radiology



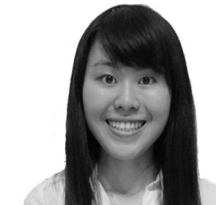
**Prof. Irene Tracey**  
Nuffield Chair in Anaesthetic Science Head, University of Oxford



**Prof. Mark Fricker**  
Associate Professor, Department of Plant Sciences, University of Oxford



**Dr. Ming Yen Ng**  
Department of Diagnostic Radiology, University of Hong Kong



**Dr. Judy Tse**  
Faculty of Dentistry, University of Hong Kong



# MEDIC ADMISSIONS TIPS

## 1. You need top grades

Medicine is an intellectually-rigorous course, and universities want applicants to have a proven track record of academic excellence. Ensure that you check and meet the minimum admissions requirements of each medical school to which you are thinking of applying.

## 2. Prepare for the UCAT & BMAT

You may have been told that there is a limited amount of work that you can do to prepare for an aptitude test, but don't underestimate the importance of practice! Pre-interview rejections at UK medical schools are often due to below-par UCAT or BMAT scores, so ensure you do sufficient timed preparation before the real test.

## 3. Build up your interest in medicine

Evidence that you are genuinely interested in medicine is vital. Read widely to gain insight into the latest trends and advancements in the subject. Make notes and keep a folder for any articles that catch your interest.

## 4. Secure work experience

Virtually all medical schools in the UK, as well as some in Hong Kong, require applicants to have some sort of work experience in the healthcare sector. Hospital attachments can be hard to find, but anything that has clinical relevance – care homes, hospices, pharmacies – count. It's not about what you do, it is about what you learn from it. Keep a log!

## 5. Use your personal statement wisely

It sounds simple, but make your personal statement personal. Focus on your unique experiences which are relevant to a medical career, and be reflective. If you are struggling to fit everything in, have a word with your academic referee to highlight what you have learned from your other experiences.

## 6. Practise before your interview

Preparing written answers is very different from responding to interview questions aloud. Interview panels are looking for commitment and enthusiasm as well as empathy, communication skills, and a good social awareness. It is important to be genuine at interview!

### Multiple Mini Interviews (MMI) are being increasingly popular!

Do you have the right mindset,  
empathetic personality and  
communication skills to be a doctor?

Scan QR Code for MMI  
Mock Interview Questions  
by 8<sup>th</sup> August, 2020:



## ARCH COMMUNITY OUTREACH

ARCH Community Outreach (ACO) is a non-profit charity (IR File No. 91/11870) that aims to broaden Hong Kong youth's exposure to international education experiences and diverse careers networks. ACO offers two broad services - Widening Access Programs and Widening Participation Programs.



- Widening Access Programs (WAP) target under-resourced or under-represented high achieving students with the aim to provide the support and guidance that can help them achieve academic and professional success. Programs include the Careers Program, University Application Support and School Training and Workshops. Participants and participating schools are evaluated for eligibility to join the WAP programs.
- Widening Participation Programs (WPP) offer opportunities to all students in Hong Kong to learn from globally renowned professors and have exposure to international education opportunities. Programs include the Global Aspiring Medic Conference, Hong Kong Interschool Mock Trial Championship and The Young Laureate Award.

## STUDENTS' SUCCESS STORIES



**Jeff Cheung**  
(Sing Yin Secondary School),  
Wesleyan University with  
full scholarship 2016-17

"My story with ACO is an extraordinary one. I attended their scholarship talk and at the talk, Jennifer Ma and Jennifer Yu offered insights on the admissions to overseas schools and the successful stories of Thomas and Shirley had inspired me a lot. I was offered the best guidance on SAT test prep, personal statement and financial aid applications later on. Without the generous support from ACO, I would never dare to dream big! ACO has empowered my whole life, and I aspire to become a person who can empower others' lives!"



**Sandy Ng**  
(Po Leung Kuk Centenary Li Shiu  
Chung Memorial College)  
University of Cambridge with  
Prince Philip Scholarship 2017-18

"Coming from a modest background, I never imagined myself studying at the University of Cambridge. The impossible became possible as I received tremendous help from the ACO program apart from my school. From writing personal statements to aptitude test and interview preparation, I was tutored and guided on a 1-1 basis. Not only were practical skills and knowledge attained, but also inspirations for my future career. I have gained so much exposure by visiting numerous renowned firms and meeting industry leaders throughout the ACO program. Without doubt, it was an empowering experience."

# DONATION FORM

### Personal Information:

Name (English): \_\_\_\_\_ Name (Chinese): \_\_\_\_\_

Other Name / Company Name: \_\_\_\_\_

HKID Card no (First letter and 4 digits): 

--	--	--	--	--

 Year of Birth: \_\_\_\_\_

Sex: \_\_\_\_\_ Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

Name on Receipt (if different from above): \_\_\_\_\_

### Donation Amount:

I would like to make a one-off donation to support ARCH Community Outreach:

☐ HK\$5,000 ☐ HK\$2,000 ☐ HK\$1,000 ☐ HK\$500 ☐ HK\$ \_\_\_\_\_

☐ I would like to make a regular monthly donation, please contact us directly.

### Donation Method:

☐ Cash (Please come to our center for cash donation)

☐ Bank Transfer

HSBC: 048-895-163001 (Account Name: ARCH Community Outreach Limited)  
(Please send this form with the original/ copy of the bank receipt)

☐ Crossed Cheque (No.: \_\_\_\_\_)  
(Payable to "ARCH Community Outreach Limited")

**Donations are tax-deductible with official receipts. To save administrative cost, an official receipt will be issued for donations of HK\$100 or above. For enquiry, please contact us directly.**

ARCH Community Outreach undertakes to comply with the requirements of the Personal Data (Privacy) Ordinance to ensure that personal data kept are accurate and securely kept. The personal data collected will be treated as strictly confidential and will be used by ARCH Community Outreach and its service providers for the purposes of donation administration, receipt issuance and related communications.

To connect closely with you and to keep you informed of ARCH Community Outreach's work as well as advocacy, development and fundraising progress, ARCH Community Outreach and its service providers may use your contact information (name, telephone, email and address) for the purpose of communications, fundraising, volunteer recruitment and survey administration. If you would not like to receive such materials or communications, please tick the box. ☐

**Unit 202-205, 2/F Wilson House, 19-27 Wyndham Street, Central, Hong Kong**

Tel: 852-3568-0406 Fax: 852-3568-0412 Email: [info@arch-community-outreach.com](mailto:info@arch-community-outreach.com)

Website: [www.arch-community-outreach.com](http://www.arch-community-outreach.com)







(852) 3568 0406

[www.arch-community-outreach.com](http://www.arch-community-outreach.com)

[info@arch-community-outreach.com](mailto:info@arch-community-outreach.com)



ARCH.Community.Outreach