

# Ernest K.W. Yip 葉家瑋

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Harvard Medical School (HMS) Dean's Scholar, Graduate Master's Student and elected Master's Student Representative. Teaching Fellow at Harvard College. President's Scholar for Medicine (MBBS/MD) at The University of Hong Kong (HKU). Passionate about surgery, global health equity, and digital health/AI. Taught in pre-medical courses for undergraduate students at Harvard and HKU. Engages in philanthropic initiatives, humanitarian medicine, international exchanges, and contributes widely to university, community and public engagement partnerships in boards, mentorship and volunteer service. Actively seeking for any internships/fellowships/opportunities.

## EDUCATION & CERTIFICATE

### Harvard University: Aug 2024 – May 2025

Master's Degree (Harvard Medical School) GPA: 4.0 / 4.0

- *Harvard University (Coaching/Counselling Certificate Program): Aug 2024 – Jan 2025 (Completed)*
- *Core: Medical Ethics and Law, Health Policy and Leadership, Medical Policy Writing, Health Economics, Health Equity, Infectious Diseases Control & Vaccinology, Antimicrobial Resistance, TB, Global Health, Primary Care & UHC, Genetics*
- *Elective: Arabic, Gulf Geoeconomics, CS50 & AI (Top in Class), AI Law & Governance, Social Innovation & Entrepreneurship*
- *Activities & Societies: Harvard Medical AI Group, Harvard China Health Partnership, Fairbank China Student Network, Yoga Anatomy, Orthopedic Surgery Student Group, Surgical Ethics Working Group, Menschel Senior Leadership Fellowship, Harvard Innovation Labs, Student Alliance: Chronic Illness, Health Conditions & Disabilities, Middle East Initiative, Harvard Arabian Gulf Student Association*

### The University of Hong Kong (HKUMed): Sep 2022 – July 2028

Bachelor of Medicine, Bachelor of Surgery (MBBS/MD)

Grade/Honors: 4.0 / 4.0, Merit of the Year

- *HKU Lead for Life (Certificate Program – Distinction Track): Aug 2022 – Aug 2026*
- *University of Oxford, UK (Ethical Leadership Certificate Program): Aug 2023 – Jun 2024 (Completed)*
- *Sun-yat Sen University School of Medicine, China (Visiting Program): July 2023 (Completed)*
- *Harbin Institute of Technology, China (Summer Semester): Jun 2023 – Jul 2023 (GPA 4.0/4.0, Valedictorian)*

## WORK EXPERIENCES

### Selection Committee Member – Harvard Global Health Institute

Jan 2025 – PRESENT

- Appointed as member of Harvard Global Health Institute's (HGHI) selection committee, overseeing Undergraduate Student Fellowships, Research and Internships, and institutional partnerships for 25+ international organisations
- Reviewed 500+ applications and conducted finalist interviews for the highly competitive HGHI 2025 Summer Internship Program and Summer in Undergraduate Research in Global Health (SURGH) Program, selecting top Harvard College students for prestigious global health placements in 25 international organisations worldwide.
- Selected as a master's student, an appointment historically reserved for faculty or PhD/post-doctoral students.

### Lancet Intern & Student Scholar - The Lancet Global Health Commission

Nov 2024 – PRESENT

- Conduct comprehensive literature review, analyse economic and financing approaches to UHC; develop policy, country case studies, technical reports and implementation research for the Lancet Global Health Commission
- Supported Lancet Commissioners, UN and WHO officials in global health systems reform, health equity, UHC
- Lead the secretariat for an expert focus group with briefings, internal & external communications, conferences

### Teaching Fellow – Harvard University, Department of Molecular and Cellular Biology (Pre-Medical) Nov 2024 – PRESENT

- Teach a foundational integrated pre-medical course for 400+ Harvard College undergraduates
- Engage in 12-16 hours of teaching per week and proctor examinations for students with academic accommodations
- Lead a weekly section, teaching labs, lectures, host office hours, grade exam papers, research & problem set (PSETs)

### Youth Mentor – Hong Kong Government, Strive & Rise Programme

Jan 2024 – PRESENT

- Appointed by Hong Kong government to mentor two students of disadvantaged backgrounds
- Meet with the mentees every 2-3 weeks, tutoring them with their homework, building rapport with their school teachers and family, and joining voluntary initiatives together to support underserved groups in Hong Kong
- Build their confidence, develop a positive mindset and promote holistic mental and physical personal development

### HKUMed Near-Peer Tutor (NPT) / Teaching Assistant – Pre-Clinical Studies

Sep 2023 – Sep 2024

- Taught section with 103 pre-clinical medical students in pre-clinical curriculum (public health) and led tutorials
- Designed educational resources including practical lab worksheets, teaching PowerPoints, revision tables and real-world case studies for public health - health economics, health policy, infectious diseases, anatomy, pathophysiology

### Academic Tutor (Biology, Chemistry, Maths)

Jun 2022 – PRESENT

- Instructed advanced Higher Level Biology, Chemistry, & Mathematics 1-on-1 for 5 International Baccalaureate (IB) students, enhancing their foundational STEM skills and improving their preparedness for collegiate-level studies
- Saw boost in two letter grades (Level 5 to Level 7 /7) within 6 months

**Teaching Assistant - Human Monkeys: Unethical Research in Manchuria** Jun 2023 – Aug 2024

- Supported 30 undergraduate students in research ethics, biological warfare toxicity in Manchuria, mixed approaches to research, ethics commentary and developed ethically sound research projects
- Organized experiential learning activities for students to enhance learning and theory-to-practice opportunities, including a 7-day field trip to Manchuria to visit the Unit 731 episode and explore social and historical implications
- Followed & adapted curricula to align with HKU Common Core Curriculum under Medical Ethics & Humanities Unit

**Course Assistant - Digital Health and Bioinformatics** May 2023 – Aug 2023

- Hosted monthly workshops for high-school and undergraduate students (30 students per session) on global health strategies & fundamentals of digital health, wearables, AI & ML, with analysis on genetic data and clinical usage

## **RESEARCH EXPERIENCES**

**Research Scholar - Harvard Health Systems Innovation Lab** Apr 2025 – PRESENT

- Researching G20+ High-Value Health Systems Project under **Prof. Rifat Atun**, analyzing policy levers and strategic interventions to advance value-based care across diverse health systems.
- Conducting comparative research on high-performing health systems, focusing on scalability, sustainability, and innovation, and will present a health policy report to G20+ leaders (2025 G20 Johannesburg Summit).

**Research Assistant - Department of Orthopaedics and Traumatology, HKUMed** Apr 2025 – PRESENT

- Conducting project on “*Carcinogenicity of Metals Commonly Used in Surgical Implants, Cobalt, Chromium and Titanium*”
- Performing in vitro and in vivo experiments, including DNA damage assays and gene expression analysis, to assess potential oncogenic pathways and inform implant safety regulations.

**Global Primary Healthcare Scholar - Brigham and Women's Hospital, Division of Global Health Equity** Nov 2024 – PRESENT

- Conducting project on “*Implementation strategies for people-centered care for surgical care*” under the supervision of **Professor Todd Pollack** and **Professor David Duong**
- Develop implementation on models of care delivery, Middle East and North Africa PCC model, & capacity building in patient care; Conduct comprehensive scoping review and implementation research on comparative health systems, global people-centred approaches to advance health equity, education, UHC and health economics

**Graduate Student Researcher - Division of Geriatric Psychiatry, McLean Hospital, Mass General Brigham** Aug 2024 – PRESENT

- Conducting project on “*Creating a framework for AI and LLM for caregiver support in dementia*” under the supervision of **Professor Ipsit Vahia** & **Professor Benjamin Silverman**
- Incorporating quantitative and qualitative methodologies to investigate the validity, implementation and efficacy of AI-assisted dementia care and devising an ethics guideline for AI and LLM usage in clinical settings

**Research Assistant (Internship) - HKU School of Biomedical Sciences, HKUMed** Mar 2023 – Aug 2024

- Completed “*Single cell lineage tracing in clinical tumour samples (of giant cell tumor of bone)*” under **Professor Joshua Ho**
- Proposed a clonal phylogeny of GCTB based on heatmap analysis, clonal assignment and other methods, and conducted a literature review of malignancy in giant cell tumour of bone
- Employed basic science methodologies including PCR, cell culturing, sc-RNA-seq, heatmap generation, tumour phylogenetic analysis, meta-analysis, literature and systematic reviews

**Research Assistant (Internship) - HKU Laboratory of Data Discovery for Health (D<sup>2</sup>4H), Health@InnoHK** Mar 2023 – Aug 2024

- Completed project “*Risk factors and gut microbiota of colorectal polyps*” under supervision of **Professor Joshua Ho**
- Analysed electronic health records of over 400+ patients undergoing colorectal cancer, and used bioinformatics analysis to find association between gut microbiome & colorectal cancer through histological & pathological findings
- Gained exposure to R programming, bioinformatics, diagnosis and prognosis, e-Health data extraction, cancer pathology report findings, metagenomics, multi-omics, downstream analysis

## **CLINICAL AND COMMUNITY ENGAGEMENT EXPERIENCE**

**Visiting Scholar/Clinical Observership - Brigham and Women's Hospital, Department of Surgery** Mar 2025 – PRESENT

- Observing trauma, emergency general surgery, and surgical critical care procedures under **Prof Geoffrey Anderson**, including laparotomy, cholecystectomy, bowel resection, complex wound debridement & soft tissue reconstruction.
- Engaging in discussions and case rounds on patient cases, global surgical systems strengthening surrounding the Lancet Commission on Global Surgery and implementation efforts in low- and middle-income countries.

**Institutional Review Board (IRB) Intern - Mass General Brigham, Human Research Affairs** Mar 2025 – PRESENT

- Shadowed **Professor Benjamin Silverman** and assisted in the ethical and regulatory review and criteria of human research protocols to ensure compliance with federal and institutional guidelines.
- Observed IRB board meetings, engaged in protocol deliberations, and presented formal reviews of assigned studies.
- Evaluate informed consent processes, data privacy measures, and risk mitigation strategies for clinical and biomedical research, especially in studies involving AI, vulnerable populations, and emerging health technologies.

**Clinical Endocrinology Intern - Massachusetts General Hospital Diabetes Clinical Centre, Diabetes Unit** Feb 2025

- Shadowed **Professor Marie-France Hivert** and observed the management of complex endocrine conditions, including gestational diabetes, thyroid disorders, metabolic syndrome, and hormonal imbalances.

- Investigated the integration of lifestyle interventions and personalized care plan into diabetes management through clinical observations and case discussions to optimise long-term patient outcomes.
- Gained hands-on exposure to the application of population health frameworks, including evaluating risk factors and designing innovative preventive care strategies, and public education in endocrinology.

**Clinical Neurology Intern – Boston Children’s Hospital, Department of Neurology** **Oct 2024 – Dec 2024**

- Shadowed **Professor David K. Urion** and observed the management of complex pediatric neurological cases, gaining exposure to behavioral and developmental disorders, including autism, ADHD, and learning disabilities.
- Engaged in multidisciplinary team meetings, discussing diagnostic approaches and ethical challenges, with a focus on patient-centered care in pediatric neurology.
- Developed a foundational understanding of behavioral neurology practices, clinical assessment methods, and ethical decision-making in treating neurological conditions in children and adolescents.

**Clinical Endocrine Intern – Queen Mary Hospital Hong Kong, Department of Endocrine Surgery** **Aug 2024**

- Shadowed **Professor Matrix M.H. Fung** and observed endocrine surgeries, including total para and thyroidectomies
- Engaged actively in weekly surgical morning meetings, asking pertinent questions and discussing patient cases
- Gained in-depth knowledge of surgical techniques, patient management, clinical reasoning & decision-making skills

**Intern & Volunteer Counselor – The Samaritans, Hong Kong (Suicide Prevention Services)** **Aug 2023 – Aug 2024**

- Developed Hong Kong’s first online gatekeeping and youth suicide prevention program
- Enhancing mental well-being of youth & elderly through a pilot intergenerational program
- Formulated grant proposal to major philanthropic organisations (Hong Kong Jockey Club) & awarded project fund

**Finance & Community Engagement Intern – The Boys’ and Girls’ Clubs Association of Hong Kong** **Jun 2022 – Sep 2022**

- Conducted internal auditing; organised a BooksforLove book drive selling over 320,000 books for charitable causes
- Led various ethnic minority cultural exchange and youth mental health program benefiting over 500 youths

**RESEARCH PROJECTS**

- **Yip, E. K. W., Choi, SW, & Cheung, JPY. (2025). An Investigation of the Carcinogenicity of Metals Commonly Used in Surgical Implants, Cobalt, Chromium and Titanium (Work in progress)**
- **Yip, E. K. W., Reddy, C, & Atun, R. (2025). Transitioning to High-Value Health Systems in G20+ countries (Work in progress)**
- **Yip, E. K. W., Duong, D, & Pollack, T.M. (2025). People-centred surgical care in LMICs (Work in progress)**
- **Yip, E. K. W., Vahia, I., & Silverman, B. C. (2024). Clinical AI in dementia care. (Work in progress)**
- **Yip, E. K. W., & Tarab, B. (2024). Disclosure and Role Clarity for Medical Shadowing. (Work in progress)**
- **Yip, E. K. W., & Ho, J. W. K. (2023). Risk factors and gut microbiota of colorectal polyps. (Poster and Conference)**
- **Yip, E. K. W., & Ho, J. W. K. (2023). Single cell lineage tracing in clinical tumour samples (of giant cell tumor of bone). (Poster and Conference)**
- **Yip, E. K. W., Fukuda, K., & Hui, D. S. C. (2022). The potential impacts of the COVID-19 Restriction-Testing Declaration on public health and economic activity in HK. (Research Essay)**

**CONFERENCE & POSTER PRESENTATIONS**

- U21 Health Sciences Group 2025 Annual Meeting, McMaster University (25 - 28 Aug 2025) (selected as 1 of 2 UG students across 21 universities)
- 2<sup>nd</sup> Lancet Global Health Commission Convening, Thailand Ministry of Public Health (4 - 7 Aug 2025)
- 19<sup>th</sup> International Conference on Clinical Ethics & Consultation 2025, Lausanne University Hospital (4 - 7 June 2025)
- Harvard Global Health Symposium 2025, Harvard University (10 - 11 Apr 2025)
- Laidlaw Scholars Global Conference, Columbia University (8 - 10 Nov 2024)
- HKUMed 28th Research Postgraduate Symposium, University of Hong Kong (29 - 30 Nov 2023)
- Laidlaw Scholars Global Conference, Trinity College Dublin (20 - 22 Oct 2023)
- HKU Teaching and Learning Poster Session 2023, University of Hong Kong (4 Oct 2023)

**SCHOLARSHIPS/AWARDS**

**HKU President’s Scholar** **2022-2028**

- Highest honor bestowed for HKU undergraduate students with the most prestigious entrance scholarship package

**Harvard Medical School Dean’s Scholarship** **2024-2025**

- Given to students who demonstrate academic excellence, persistence, resilience, commitment to advancing the position of the underserved and the underrepresented

**Harvard University Student Leaders in AI (Berkman Klein Center for Internet & Society)** **2025**

- Highly competitive program selected based on expertise and experience in AI & interdisciplinary technology policy

**Harvard Medical School Global Primary Care Student Scholar 2024-25** **2024**

- Selected for a prestigious year-long mentored research program at Harvard, contributing to global field-based projects, health systems, and advancing primary healthcare, people-centered care and Universal Health Coverage

**Professor and Mrs Ko Wah Man Norman Enlightenment Scholarship** **2024**

- Support enlightenment of promising student talents to broaden their mind & global exposure in overseas exchange
- Joseph Needham Merit Scholarship** 2024
- Excelling in scholarship with a transformative vision and a strong sense of empathy, humanity and courage
- HKU 27<sup>th</sup> Recognition Ceremony: Achievement Award for Co-curricular Excellence** 2024
- Demonstrated remarkable non-academic achievements, leadership, commitment to community services and contributions from local to international levels
- Centaline Foundation Scholar of the Year** 2024
- Selected out of 200+ Centaline Scholars on academic merit & outstanding performances in community services
- Best Research Engagement Award** 2023
- Presented research in HKU Poster Presentation Session and selected amongst 25 Hong Kong awardees to present at Laidlaw Global Conference 2023 at Trinity College Dublin for outstanding research
  - Received Best Engagement Award at conference (of over 400 participating scholars from 19 top global universities)
- HKUMed Research Internship Scheme Award (RIS)** 2023
- Selected on the basis of academic merit, quality of research proposal and recommendation by supervisor and Faculty Higher Degrees Committee (FHDC). Submitted research at HKUMed 28th Research PG Symposium
- Laidlaw Undergraduate Research & Leadership Scholarship** 2023
- Prestigious undergraduate research scholarship selected based on academic excellence, research & leadership potential and future vision by HKU Vice-President and Pro-Vice-Chancellor (Teaching and Learning)
- HKUMed Medical Dean's Scholar** 2022 & 2023
- Hong Kong Government Sir Edward Youde Memorial Prize** 2022
- Honour, recognise & encourage all-rounded students in attaining high learning abilities & leadership qualities
- Winner of Harvard Book Prize Hong Kong** 2021
- Awarded for outstanding Hong Kong students who have achieved academic excellence, possess exceptional personal qualities, and have made a significant contribution to their school or community
- Hong Kong Government Gold Award for Volunteer Service** 2019 & 2020
- Awarded for contributions and achievements to care for the underprivileged, and in uniting the power from the community to build a caring and inclusive society. Contributed to over 200 hours of volunteer service in each year

## **SELECTED LEADERSHIP AND PROFESSIONAL DEVELOPMENT**

**Global Health Training** (*Primary Health Care, Comparative Health Systems, UHC, LMICs, Accompaniment, Social Medicine, Community-Engaged Research, Implementation Science, Quality Improvement, Medical Education, Fieldwork*) **Expected Dec 2025**  
- Harvard Medical School Center for Primary Care; Brigham and Women's Hospital (BWH) Division of Global Health Equity

**Middle Eastern Initiative Study Group** (*Taught by Dr. Youssef Chahed, former Prime Minister of Tunisia (2016-2020), & Adel Hamaizia: Shifting Geoeconomics and National Development in the GCC States*) - Harvard University **Mar 2025 – May 2025**

**Arabic Language Program (Credit-bearing), Center for Middle Eastern Studies** - Harvard University **Sep 2024 – May 2025**

**Medical Interpreting Training** - Massachusetts Institute of Technology **Jan 2025**

**Peer Mentor Training** - Harvard University **Dec 2024**

**Peer Teaching Certificate Programme (PTCP)** - HKUMed - University of Hong Kong **Oct 2024**

**CITI Program Certificate - Social & Behavioral Research Investigator** - Harvard University **Sep 2024**

**(Delegate) Saudi Arabia Visit Programme (2 weeks)** **May 2025 (Incoming)**

*The Kingdom of Saudi Arabia, King Faisal Foundation, Public Investment Fund*

- Selected as 1 of 10 students from top global universities for a high-level foreign exchange with Saudi Royal Family, government ministers & innovators to explore national transformation initiatives like Vision 2030 in the Kingdom.

**(HKUMed Delegate) National Health Commission Visit Programme (1 week)** **July 2024**

*National Health Commission of the People's Republic of China*

- Selected as 1 of 10 total students from HK to exchange with key personnel, health bureaus, and world-renowned hospitals of the National Health Commission PRC as part of an exchange program

**(Team Leader) Belt-and-Road Balkan Peninsula Exchange Tour (2 weeks)** **Dec 2023**

*Funded by Hong Kong Government Youth Development Commission*

- Led an exchange trip to Serbia, Bosnia and Montenegro as a youth leader hosting 30 selected students
- Exchanged with head embassy personnel of PRC and local government officials, universities of Belgrade, East Sarajevo & Montenegro, major corporations, and development in belt-and-road initiatives in the Balkans Peninsula

**Analyse Data with R (programming) - Codecademy** **Aug 2023**

**(Executive Officer/Project-in-charge) Thalassemia Medical Service Trip & University Exchange (2 weeks)** **Mar 2023**

## Red Cross Society of China

- Spearheaded a faculty-wide medical humanitarian trip (15 Hong Kong medical students)
- Collaborated with 30 medical students at Youjiang Medical University and Red Cross Society of China to provide medical services, literacy, and provision to thalassemia children and families in rural regions of Guangxi, China
- Led 5+ public lectures on HIV, Hepatitis B, C, and presented medical pedagogies to the provincial government.

Mental Health First Aid - The Mental Health Association of Hong Kong

Mar 2023

## ADVISORY & LEADERSHIP EXPERIENCES

Harvard University Student Leaders in AI - Berkman Klein Center for Internet & Society Feb 2025 – PRESENT

- Selected for Harvard's highly competitive Student Leaders in AI program (300+ applicants, 30 awardees) to engage in interdisciplinary discussions on AI governance, ethics, and innovation.
- Collaborating with leaders from ten Harvard schools to explore AI's societal impact, engage with industry leaders, advise Faculty on AI matters and contribute to real-world policy papers, international development projects on AI

Head of Ethics and Laws - Interdisciplinary Artificial Intelligence Association Nov 2024 – PRESENT

- Spearhead AI governance initiatives in HK and beyond, crafting ethical and legal frameworks to guide responsible AI deployment and influence global standards.
- Drive cross-sector collaboration and public education programs to advance social innovation and impact of AI

Master Student Representative – Harvard Medical School (HMS) Oct 2024 – PRESENT

- Elected to represent 150+ students of graduate program and 600+ HMS master's students.
- Serve on the Harvard Medical School Master's Student Council (MSC) and provide strategic planning and program feedback to Deanery/Office for Graduate Education to spearhead student development at Harvard Medical School

Board Member - Laidlaw Foundation Nov 2023 – PRESENT

- Youngest appointed Board Member (Foundation consists of 20 top universities in US, Europe, Middle East, Asia)
- Oversee a seven-figure annual fund used in research scholarship and leadership for 2500+ undergraduate scholars

Council Member - Hong Kong Outstanding Students' Association (HKOSA) Aug 2023 – PRESENT

- Steering HKOSA's vision in championing charitable causes, youth initiatives, and representing 1500 past awardees
- Act as an external judge in various district's Outstanding Students' Award organised by the Hong Kong government

36<sup>th</sup> President - Hong Kong Outstanding Students' Association (HKOSA) Aug 2022 – Aug 2023

- Secured record-high funding in 30+ years of HKOSA (\$200K+); led a team to expand engagement to 600 schools, including hosting HK's youth forum to address social challenges through MedTech, youth innovation and leadership
- Forum included high-profile guests like Hong Kong Government Secretary for Innovation, Professor Sun Dong.

Elected HKUMed MBBS Class Representative Aug 2022 – PRESENT

- Serve on HKU President's Task Force on Planning Exercise (2025-2028), Medical Council of HK Re-Accreditation Exercise (2018-2023), Academic Board Review (2016-2022), T&L Panels, Faculty & Health Strategic Development

## PUBLIC & SPEAKING ENGAGEMENTS

Master of Ceremonies (MC) at HKU and public events (10+ events) Jan 2023 – Aug 2024

- HKU Excellence Awards, Opening Ceremony, Orientation for Non-local Students, Info Day, Music Festival

HKU & HKUMed Student Ambassador (SA): Sep 2022 – Aug 2024

- Selected as SA for Academy for the Talented, HKUMed Institute for Youth, Nansha Business & Technology Innovation Overseas Trip 2023, Recruitment Talk in Macau, Master of Ceremonies in HKU Publicity Events etc

HKU Chi Sun College Sep 2022 – Aug 2024

- **Floor Representative / Resident Student Advisor** to 20 college students in college affairs, event organisation, mental well-being workshops, intellectual and cultural exchange initiatives, and community service outreach
- **Head of Communications of Student Body and Football Team** for 480 UG/PG students in college-wide events

Hong Kong Ambassador – Inaugural Hong Kong Laureate Forum 2023 Aug 2023 – Nov 2023

- Personal Assistant and Forum Ambassador to 20 Nobel Laureates, Shaw Laureates, and Lasker awardees
- Selected to represent the public in a major scientific forum and world-class academic exchange event in Hong Kong

## VOLUNTEER EXPERIENCE

Community Health Advocate and Volunteer - Partners in Health (PIH) Engage Feb 2025 – PRESENT

Community Health Volunteer - American Heart Association – Massachusetts Oct 2024 – PRESENT

Community Servings Young Volunteer - Community Servings (medical-tailored meals for ill-patient) Oct 2024 – PRESENT

Health Outreach Volunteer – Boston Health Care for the Homeless Program Sep 2024 – PRESENT

Peer Coach – Harvard University Sep 2024 – PRESENT

Mentor and Alumnus – HKU Academy for the Talented Jan 2019 – PRESENT

AIDS Prevention Education Volunteer – AIDS Concern (PLHIV/AIDS) Aug 2023 – Aug 2024

Health Teacher of Video Classroom Project (in rural China) – Chi Heng Foundation (HIV/AIDS) Aug 2022 – Jan 2024

<b>Executive Committee</b> – Medical Outreachers Hong Kong (Regional Health Services)	<b>Aug 2022 – Jan 2024</b>
<b>Founder and Head of ESF Orbis Branch</b> – Orbis Hong Kong, English Schools Foundation	<b>Aug 2020 – Jun 2022</b>
<b>ESF Charity &amp; Community Service Leader</b> (elderly service, ethnic minority, refugees, FDH)	<b>Aug 2020 – Jun 2022</b>
<b>Hospital Volunteer</b> – Queen Mary Hospital, Pok Oi Hospital, HK Anti-Cancer Society	<b>Jan 2019 – Aug 2024</b>
<b>Leader of Kids4Kids Buddy Reading Program</b> (for SEN/underprivileged primary students)	<b>Aug 2018 – Aug 2022</b>
<b>Volunteer</b> – The Boys' and Girls' Clubs Association of Hong Kong (youth services)	<b>Aug 2016 – Aug 2022</b>

## **PROFESSIONAL SOCIETIES**

<b>Surgical Ethics Working Group (SEWG) Member</b> – Harvard Medical School	<b>Mar 2025 – PRESENT</b>
<b>Member</b> – Harvard Innovation Labs	<b>Jan 2025 – PRESENT</b>
<b>Member</b> – The Martin Trust Center for MIT Entrepreneurship (Student Entrepreneur)	<b>Oct 2024 – PRESENT</b>
<b>Orthopaedic Student Group Committee</b> - Hong Kong College of Orthopaedic Surgeons	<b>Aug 2023 – PRESENT</b>
<b>Mentee</b> – Hong Kong Life Sciences Society	<b>Feb 2024 – Feb 2025</b>
<b>Alumnus</b> - Hong Kong Academy for Gifted Education	<b>Aug 2017 – Aug 2022</b>

## **SKILLS**

**Languages:** English, Mandarin, Cantonese (Native proficiency); Spanish, Arabic (proficient)

**Technical:** Clinical research, Systematic and literature reviews, Meta-analysis, Medical policy memo and analysis, community-engaged research, R, Metagenomics, scRNA-seq, Cell culturing, Biostatistics, Mental Health First Aid

**Teaching:** Basic sciences (molecular & cellular biology); Clinical (anatomy, physiology, bioethics, global health, digital health)

**Abilities:** Public speaking, Leadership, Advisory board & secretariat, Project & time-management, Mentorship, Programming