



# NEWSLETTER



ASHK Member Kwok-Yung YUEN and YASHK Member Tommy LAM served as the speakers for the Scientists Sharing (I) of HSRP Workshop 2023.

## HSRP Workshop 2023

The 2nd "How to Start a Research Project" Workshop, organised by YASHK, was launched in May 2023. This workshop is designed for secondary 4 and 5 students to sharpen their skills in carrying out scientific research. YASHK Members will lead the workshops to teach the students effective ways to start a research project and to improve their analytical, planning, organising and presentation skill. The workshop includes 3 sessions of Scientists Sharing, 2 Lab Visits, 2 Competitions, 1 Public Talk and 1 Graduation Ceremony and Scientific Forum.

On 6 May 2023, an online briefing session was held by the YASHK Secretariat to introduce this year's workshop to the 70 participating students.

HSRP Scientists Sharing (I) was successfully held on 13 May 2023. The event featured two speakers: ASHK Member Kwok-Yung YUEN who shared on the topic of "How do we start research on vaccine induced heart problem?", and YASHK Member Tommy LAM, who shared "How to start my research path". Both speakers shared valuable questions and suggestions to consider before starting a research project.



HSRP 2023 Online Briefing Session on 6 May.



Scan to watch the Scientists Sharing (I)  
>>>

HSRP 2023 successfully recruited 70 secondary school students.

## "Distinguished Master Accomplished Students" Mentorship Programme 2023 Kick-off Ceremony

The Kick-off Ceremony of "Distinguished Master Accomplished Students" Mentorship Programme 2023 was successfully held on 2 April 2023. 23 YASHK Members participated as mentors for secondary 4 students, including Timothy BONEBRAKE, Esther CHAN, Shih-Chi CHEN, Giulio CHIRIBELLA, Zhiyong FAN, Fuk Yee KWONG, Tommy LAM, Denvid LAU, Vic LAW, Dangyuan LEI, Hua-Bai LI, Xuechen LI, Kathy LUI, Stephanie MA, Anderson SHUM, Jianwei SUN, Amos TAI, Feng WANG, Carmen WONG, Raymond WONG, Ni ZHAO, Zijian ZHENG and Chunyi ZHI.

The Programme aims to enhance students' exposure to current scientific and technological development in Hong Kong and nurture future talents through experience sharing and interaction with experienced professionals. Over the one-year mentorship, mentors will inspire students with real-world experience and scientific knowledge on a personal level, providing advice to help them unleash and realise their potential.



"Distinguished Master Accomplished Students" Mentorship Programme 2023 Kick-off Ceremony on 2 April 2023.

## The Mentorship Scheme 2023 Kick-off Ceremony and Spring Reception

The Mentorship Scheme 2023 Kick-off Ceremony and Spring Reception was held on 23 February 2023 by the Hong Kong Life Sciences Society. Anderson SHUM was invited to share his perspective on nurturing life sciences talent.



Anderson SHUM attended the HKLSS Mentorship Scheme 2023 Kick-off Ceremony.

## S.T. Yau High School Science Award (Asia) 2023

The Hong Kong Academy of Sciences (ASHK), Yau Mathematical Science Center of Tsinghua University and The Institute of Mathematical Sciences of The Chinese University of Hong Kong co-organised the S. T. Yau High School Science Award (Asia) (YHSA(Asia))2023. The registration and research outline submission deadline is 15 June 2023. YASHK Members continue to support the competition by serving as the assessment panel members.



YHSA(Asia) 2023

## Young Scientist 50<sup>2</sup> Forum

The "Young Scientist 50<sup>2</sup> Forum" co-organised by ASHK, New Cornerstone Science Foundation and Beijing - Hong Kong Academic Exchange Centre was conducted on 10 March 2023. Dennis LO, President of ASHK, was invited to give the keynote speech. 4 YASHK Members, awardees of the Xplorer Prize, were invited to give a sharing. They are Yi-Chun LU, Mingxin HUANG, Zhiyong FAN and Zuankai WANG. Wang YAO was invited to be a panellist in the "Quantum +" round-table discussion.



The "Young Scientist 50<sup>2</sup> Forum" on 10 March 2023.

## HKAES International Bay Area Summit 2023

The HKAES International Bay Area Summit 2023 was held on 20 February 2023. Anderson SHUM attended the summit and served as one of the speakers and discussion panellists in the academic forum. Other attendees included Zhiyong FAN and Zuankai WANG, awardees of the BOCHK Science and Technology Innovation Prize, as well as Mingxin HUANG, Yang CHAI, Zijian ZHENG and other YASHK Members.



YASHK Members in HKAES Summit.

## The HKIE International Conference

The international conference titled "Engineering a Greener & Smarter Future for Happier Living" was held on 9 March 2023, and was conducted by the Hong Kong Institution of Engineers (HKIE). Anderson SHUM was invited to give a speech on "Deep Tech Research and Translation for Precision Health".

## ABIC Symposium

A symposium titled "Translation and Commercialization of DeepTech Biomedical Innovations" co-organized by the Advanced Biomedical Instrumentation Centre (ABIC) and HKSTP was held on 21 March 2023. It discussed research translation and commercialization in the biomedical and healthcare sector. Dennis LO, President of ASHK, Leo POON and Kevin TSIA, Members of YASHK, attended to serve as the speakers. Anderson SHUM was the moderator.



Anderson SHUM was the speaker of HKIE International Conference.

## Asia Summit on Global Health

Two YASHK Members participated in the Asia Summit on Global Health on 18 May 2023. Anderson SHUM was invited to be the moderator for the "Biomedical Instrument" session and Leo POON was invited to be the speaker for the "Reimagine the Future of Healthcare Services" session.

## International Women's Day 2023 Seminar

Yi-Chun LU, YASHK Member, was invited to share her views on "Women in Leadership: Inspire, Influence and Innovate" at the International Women's Day 2023 Seminar conducted by CUHK on 11 May 2023.

## The Second Greater Bay Area Engineers Forum

Two YASHK Members were invited to give a speech at "The Second Greater Bay Area Engineers Forum" on 21 May 2023. Anderson SHUM shared the topic "Cultivation of Hong Kong and Macao Young Engineers and Their Exchanges with Mainland" and Zuankai WANG shared the topic "Innovations from Nature".

## Mainland-Hong Kong Academic Exchange

Two YASHK Members, Anderson SHUM and Zhiyong FAN, were invited by the Mainland-Hong Kong Academic Exchange. Anderson shared his views on the significance of research, innovation, and microfluidic technology, while Zhiyong FAN shared his growth in the research path and his journey in the invention of the world-first artificial 3D eyeball.

## Outreach Science Popularization Activities - Lab Visit

Accepted the invitation by ASHK Community Education Centre, Carmen WONG hosted a lab visit for students from Pui Ching Middle School on 11 May 2023. She demonstrated some of her research work, lab instruments and lab operation.

## HK SciFest 2023

The HK SciFest 2023 was held by the Hong Kong Science Museum, from 31 March to 16 April 2023. Anderson SHUM and Stephanie MA were invited to attend the opening ceremony and 4 YASHK Members were invited to serve as the session speakers: Angus YIP, Carmen WONG, Esther CHAN and Jun WANG.

## HKSSPC 2023 Initial Judging & Award Ceremony

Invited by The Hong Kong Student Science Project Competition (HKSSPC), 4 YASHK Members including Tommy LAM, Denvid LAU, Kevin TSIA and Angus YIP, served as adjudicators and session speakers in the first-round assessment. Additionally, Anderson SHUM and Denvid LAU served as adjudicators in the final judging and attended the award ceremony with Lap-Chee TSUI, Founding President of ASHK on 23 April 2023.

## Strive and Rise Programme

Collaborated with Hong Kong Young Industrialists Council (HKYIC), Carmen WONG attended as a speaker for the "Strive and Rise Programme" event series, sharing her research path and providing insight to secondary students on career planning and future exploration.



Anderson SHUM (left) and Zuankai WANG (right) were the speaker of the 2nd GBA Engineers Forum.



Carmen WONG hosted a lab visit for Pui Ching Middle School on 11 May 2023.



Anderson SHUM (left) and Stephanie MA (right) attended the opening ceremony of HK SciFest 2023.



HKSSPC 2023 Award Ceremony on 23 April 2023.



Carmen WONG (right) shared her research path and providing insight to secondary students on career planning.

# Hong Kong Stories: Inventors in Hong Kong

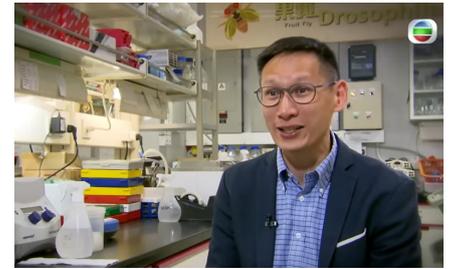
Carmen WONG, YASHK Member, recorded "Hong Kong Stories: Inventors in Hong Kong" (香港故事：創科夢工場) for RTHK on 10 April 2023. In the interview, she shared how she keeps seeking research breakthroughs while balancing her role in the family.



Carmen WONG in "Hong Kong Stories: Inventors in Hong Kong".

# I&T New Era II

Two YASHK Members were invited to record "I&T New Era II" (創科新里程 II) for RTHK in late January. Leo POON shared one of his projects, "Healthy Human Global Project - Hong Kong", while Anderson SHUM introduced the Microfluidics field.



Edwin CHAN in "Sunday Report".

# Sunday Report

Edwin CHAN, YASHK Member, recorded "Sunday Report" (星期日檔案) for TVB on 8 May 2023, sharing his research on the rare disease "spinocerebellar ataxia" (SCA) for over two decades.

# "Meet an Engineer's Master Engineer" Video Series

Anderson SHUM, YASHK President, recorded "Meet an Engineer's Master Engineer" (十載 · 工情) for The Hong Kong Institution of Engineers on 31 March 2023. He shared the aim of the Advanced Biomedical Instrumentation Centre (ABIC) and introduced Biomedical engineering and its differences from traditional engineering.



Anderson SHUM in "Meet an Engineer's Master Engineer".

# Our Scientists

Two YASHK Members were invited to record "Our Scientists" (我們的科學家) for RTHK in late January. Raymond WONG shared his research stories and studies on organometallic compounds' photoelectric energy conversion mechanism, while Anderson SHUM shared his upbringing stories.



Raymond WONG in "Our Scientists".

# Articles on newspapers

Anderson SHUM was invited to publicize an article in several media outlets. In the article published in Ta Kung Pao on 2 March 2023, he supported the construction of Hong Kong as an international innovation and technology centre, and mentioned that a mature industry could maintain the efficient development of society. In the article published in Sing Tao Daily on 5 May 2023, he explained the commercialization of scientific research results and the cultivation of undergraduates as a start-up force.



Anderson SHUM's article on Ta Kung Pao.

## Ming Pao STEM Column

To promote and advance the teaching of science and technology, 14 YASHK Members wrote articles on different scientific topics for the student column page of Ming Pao from October 2022 to May 2023. The target audience was Primary 4 to Primary 6 local students.

## Introduction of YASHK Members

In order to raise public awareness of YASHK Members, one Member's introduction post has been released on YASHK Facebook and Instagram each week since September 2022.

## 5th Members' Meeting and New Member Election

The 5th YASHK Members' Meeting and New Member Election will take place on September 16th, 2023. Regarding the New Member Election, the open nomination period for new members has started and will end on 16 July 2023.

## Young Academy of Sciences Summits (2023-2025) (YASS)

YASHK is preparing a series of conferences, namely, "The 1st and 2nd Young Academy of Sciences Summits (2023-2025)" (YASS). The project is currently under the procedure of seeking funding from ITC. YASS contains 2 Summits and 6 Sub-Conferences, providing a unique opportunity and platform for local young academics and scientists to gather and engage in cross-disciplinary, cross-cultural and cross-institutional cooperation in Hong Kong. Four committees have been set up to take charge of the decision-making of the Summits and Sub-Conferences.

## Mark Your Calendars: YASHK's Upcoming Events (MYC)

A new platform (electronic direct mail) called "Mark Your Calendars: YASHK's Upcoming Events" (MYC) has been created. It provides YASHK Members with the latest updates on YASHK's upcoming events, including those that require assistance.

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Ming Pao STEM Column - Amos TAI.



Introduction of YASHK Member in social media - Kathy LUI.



MYC issue 002

