

# Newsletter Issue 2020



HKUEAA  
H.K.U. Engineering Alumni Association  
香港大學工程舊生會



Executive Committee Session 2019- 20

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# Executive Committee 2019-20

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HKUEAA

H.K.U. Engineering Alumni Association

香港大學工程舊生會

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# Contents

	Page
Executive Committee 2019-20	2
Contact us	3
Contents	4
Message from President	5 – 7
Activities of the year	8 – 20
HKUEAA Education Foundation Ltd.	21
Appreciation to our voluntary helpers	22 – 23



# Message from President

Dear Engineering Alumni and Friends,

I am profoundly honoured to be the President of the H.K.U. Engineering Alumni Association (HKUEAA) Session 2019-2020. I would like to extend my heartfelt gratitude to other Executive Committee members of this session. We have recruited 352 new members to join our big family this year. Without their wholehearted support, we could not meet a successful year.

HKUEAA has been collaborating with the Faculty of Engineering to organize a variety of activities to enhance our students' all-round development in communication, creativity and career. Graduate Mentorship Scheme (GMS) has stepped into its 20th anniversary since 2000. There were over 60 mentor-mentee paired this year. It is believed that students can gain plenty of and meaningful insight from their experienced and amicable mentors. Students can not only know more about the industry through their mentors but learn how to establish their own career and life as a youngster. Being a mentor of 3 students, I always gain a lot of fresh insight by talking with them, and I will treat this as a lifelong relationship. HKUEAA also aims to cohere our students and alumni from different background, discipline and nationality.

International Student Subcommittee organized an event session for international students who study engineering in HKU to help them building a network with peers and alumni, gaining career advice and opportunities.

In October 2019, we successfully conducted Career Expo and Mock Interview Workshop, which aims to assist students in equipping competence on job hunting. Human Resource experts from Hong Kong Telecommunications Limited were invited to share CV writing techniques and interview skills. We also invited interview panels from different engineering companies in the industry to demonstrate a 'real' interview situation to students. We are delighted to hear positive feedback from participants that half of them got two or more offers and more than one-third of participants received an offer from the assigned company.

# Message from President

To pursue our alumni and student's interest in studying the real world, we organized different technical visits each year. Despite the postpone due to the spread of the pandemic, three technical visits were successfully held this year thanks to our technical visit committee group. The visit to Tung Chung New Town Extension for studying the reclamation and advance Works there was successfully held on 19 October 2019 with the participation of 16 students and alumni. Participants were led to explore how a livable land was formed on the seabed at Tung Chung East, along with seeing different construction technology such as "Deep Cement Mixing" machine through on-site boat tour. To help our members understand more about how the water supply and take out in Hong Kong, we arranged two visits to Sha Tau Kok Sewage Treatment Works and Tai Po Water Treatment Works. By walking through the site and the facilities, visitors were brought to see how the water was treated before it is available for the city's daily consumption, and how it flows across the city.

HKUEAA has successfully held a hiking on 12 December 2019 with around 80 members attended starting from Wong Chuk Hang, through a Seaview Promenade (the Mills and Chung Path), Deep Water Bay, Repulse Bay, and along a long steep, narrow, staircase going through a wooded area eventually to Stanley Ma Hang Park and Stanley Market.

We are also delighted to have our first webinar on 22 June International Women in Engineering Day through ZOOM meeting. Our fresh and young women engineers, including student and graduates, shared their career aspiration. In the second panel, some senior women engineers shared how to strike the right balance between career and family.

Influenced by the COVID-19 epidemic, I express my deep regret to suspend some planned events, including Distinguished Dinner and Overseas Study Tour. The HKUEAA has an excellent group of professional members, graduates and hardworking students serving on the Committee. Together they with the sponsors and donors constitute an energetic group of professionals, ready and active to contribute their time, talent and treasure to develop the association. We are grateful to all their efforts to serve the HKUEAA.

# Message from President

Many alumni are already participating at so many levels by giving of their time. I believe HKU engineering community will continue to grow and serve the society at different and significant ways by their valuable contribution. Here's appreciating our members' strongest supports and wishing you success in everything you do.

Our 46<sup>th</sup> AGM will be held on 7<sup>th</sup> August 2020. I look forward to seeing you there!

Ir CHOI Wai Man, Raymond  
蔡偉民工程師

President  
H.K.U. Engineering Alumni Association  
Session 2019-2020

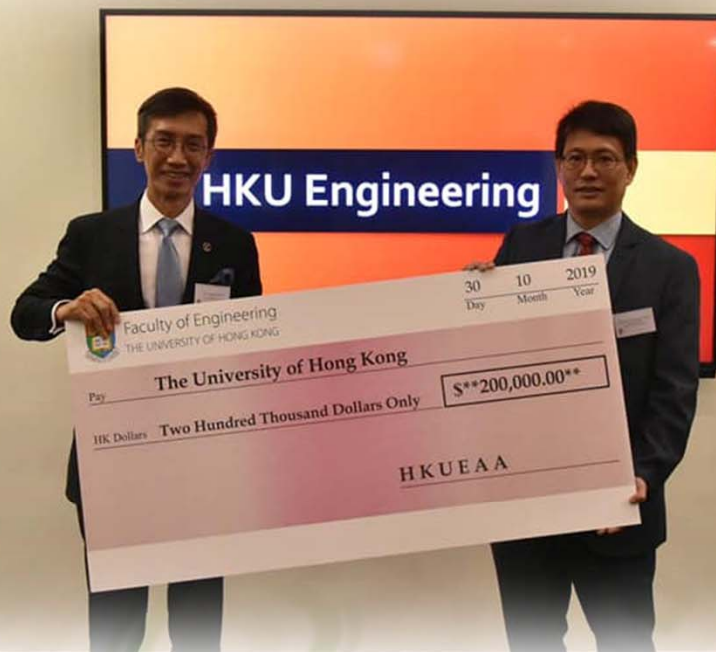


# Activities of the year

Despite the social events starting from summer 2019 and the pandemic outbreak of COVID-19 in January 2020 which has plagued the whole world including Hong Kong, some of the annual activities by HKUEAA had to be called off to comply with social distancing measures. However, most of the core activities were still conducted successfully under the incessant efforts of members of the Executive Committee under the guidance of the Special Advisors, as well as the dedications by young graduates and student helpers. We are grateful to all those who have contributed to making these activities possible, their continual support and participation.

## Support to Innovation Wing

As part of a 3-year donation pledge of HK\$660,424.30 to the Faculty of Engineering of HKU, the HKU Engineering Alumni Association (HKUEAA) and HKUEAA Education Foundation made the first donation of \$260,424.30 in April 2018, the second donation of \$200,000 in October 2018 and the third donation of \$200,000 in February 2020. The Faculty will make use of the donation to support experiential learning activities at the newly established Innovation Wing of the Faculty.





# Activities of the year

## HKUEAA Advisor and Class Representative Systems (30 October 2019)

The HKUEAA Advisor and Class Representative Systems have been in place since 2018 with an aim to foster a stronger and close-bonding alumni network. On 30 October 2019, the HKUEAA organized a Reception cum Advisor Appointment Ceremony to launch the second round of appointment and welcome new advisors as our focal point of contact in propagating news to our engineering alumni in different organizations. As of June 2020, a total of 43 Advisors from both private and public sectors, as well as over 70 Class Representatives from different years have been appointed. The Ceremony also offered a perfect networking platform for our Executive Committee in meeting the President & Vice-Chancellor of HKU as well as other leading professors from the Development and Alumni Affairs Office and the Faculty.



# Activities of the year

## **44th Annual Dinner (11 January 2020)**

Every year, the HKUEAA organizes its Annual Dinner with participants from fellow alumni, scholars, students, engineering industry and social personages to promote friendship and bonding amongst us.

On 11 January 2020, HKUEAA held its 44th Annual Dinner at Kowloon Shangri-la, Hong Kong with full house of over 500 participants. It was our great honour to have Mr CHAN Mo Po, Paul, Financial Secretary of HKSAR Government, as Guest of Honour, and the company of Professor Xiang ZHANG, President and Vice-Chancellor of HKU, at this grand occasion.

“Innovation”, the theme of Annual Dinner this year, is the engine driving our future. It fosters evolution and application of new ideas. During the cocktail reception, six of HKU engineering student projects sponsored by the HKUEAA were showcased. Many of the exhibited innovation projects have yielded very high recognitions in respective engineering fields, and achieved flying results and awards in local and international competitions.





# Activities of the year

The welcome speech given by Ir CHOI Wai Man, Raymond, President of HKUEAA, followed by the keynote speech by Mr Paul CHAN marked the fabulous opening of the Annual Dinner. Professor ZHANG and Professor Christopher CHAO, the Dean of Faculty of Engineering, HKU took this great occasion to introduce HKU's latest developments for the next generation, nurturing talents and expertise in technological innovation.

HKUEAA is a close partner of the Development and Alumni Affairs Office and the Faculty of Engineering of HKU. During the Annual Dinner, President CHOI announced that \$2.6 million had been raised for the HKUEAA Ir Dr Joseph Chow Ming-kuen Memorial Learning Fund and presented it to Professor ZHANG under the witness of Mrs Selina CHOW. We do believe that the Fund would be conducive to HKU engineering students in their search of excellence in innovation and engineering breakthrough.

For our participants enjoying this wonderful gala dinner with delight, the dancing performance by KY Dance Studio and singing performance by Ms Sara LEE brought the atmosphere to a climax, with games and lucky draws as the closing of such a fabulous night.

Last but not the least, we would like to express our gratitude to the friends and guests of HKUEAA for their enthusiastic participation, unreserved support and generous donations to make the annual event possible and to sustain the continuous development of HKU and engineering students financially.



# Activities of the year

## **Distinguished Talk and Dinner**

Distinguished Talk and Dinner is one of the most popular activities organized by HKUEAA. Riding on the overwhelming response from the past, another distinguished talk on “An Innovative and Disruptive Applied Education in Engineering” by Ir Paul Poon was organized for 9 October 2019. Unfortunately for safety reason, it was called off just before the event due to outbreak of social event in the area. Instead, Student Affairs and Alumni groups jointly organized the first HKUEAA on-line event , a webinar themed “Women Engineers in Hong Kong” on 22 June 2020.

## **Webinar Themed “Women Engineers in Hong Kong” (22 June 2020)**

In celebration of the International Women in Engineering Day, the Alumni Affairs and Student Affairs jointly organized a webinar comprising three panels on 22 June 2020. Panel 1 explored the career aspirations of a group of fresh graduates and a student to understand their views and challenges faced in their study and work. In Panel 2, five experienced women engineers, some holding executive positions in their organizations, shared how they handled and balanced between work and family. For Panel 3, a group of seasoned male engineers explained how they worked as a team with women engineers and highlighted the strengths and nature of women engineers. The event was successfully conducted with 100 participants attended.





# Activities of the year

## Island South Hiking (15 December 2019)

HKUEAA has been arranging an annual hiking event consecutively for the 7th year. A hiking event was conducted on 15th December 2019 with about 80 participants to Island South. The walk covered the historical features of Wong Chuk Hang Rock Carvings and the Old House at No. 10 Wong Chuk Hang San Wai. The Seaview Promenade along the wonderful views of the coastline and the Kwun Yam Shrine in Repulse Bay which sits incongruously at the end of the beach were visited. Situated next to the Stanley waterfront, the Stanley Ma Hang Park offered walking trails, viewing points for the great ocean, Pak Tai Temple and a secluded beach. All the participants enjoyed the 4-hour walk and the nice lunch at Stanley.



# Activities of the year

## HKUEAA Football Fun Day 2019 (20 October 2019)

Building on the experience from the past two years, the third Football Fun Day was successfully organized on 20 October 2019 at the Stanley Ho Sports Centre. A total of 13 teams from engineering alumni and students joined the 7-a-side competition. Results are summarized in the following table:

	Professional Group	Open Group
Champion	EMSD	MTR
1 <sup>st</sup> Runner-up	DSD	HKU - PGSA
2 <sup>nd</sup> Runner-up	Development Bureau	HKIE Environmental Division
3 <sup>rd</sup> Runner-up	CLP	Airport Authority





# Activities of the year

## **Graduate Mentor Scheme (GMS) 2020**

The GMS is jointly organized by HKUEAA, Engineering Society, HKUSU (ENS, HKUSU), and the Faculty of Engineering HKU. Since 2000, it has been one of the most important annual events for the engineering students and alumni. It strengthens the bonding among HKU alumni, engineers and students. With HKUEAA's extensive network of HKU engineering alumni and friends, we have gathered a wealth of renowned and experienced mentors from all walks of life. Mentors act as role models and share their professional knowledge and life experiences with mentees. With mentors' guidance and support, mentees could learn from the valuable experiences of mentors as well as establish and expand social network prior to starting career.

Over the past twenty years, GMS has matched over a thousand pairs of mentor-mentee. This programme has successfully served as a platform for inheriting knowledge and connecting different generations. This year, 70 mentees were paired with 40 mentors in February and the programme has commenced since March. In addition to the mentees from Civil and Mechanical engineering, this programme also attracted more students from Electrical Engineering and Computer Science this year.

Normally, an Inauguration Ceremony of GMS would be held to kickoff the mentor-mentee relationship and provide an opportunity for them to get acquainted with each other. However, due to the pandemic of COVID-19, the activity was postponed until further notice.

On the other hand, a promotional video was produced interviewing Ir Willis Yu, HKUEAA President (session 1999/2000) who initiated GMS; Ir CF Lam, GMS mentor for 20 years; and Ir Raymond Choi, HKUEAA President (session 2019/2020) and their mentees. This video was first presented during the Annual Dinner.



# Activities of the year

## Career Expo

Career Expo subcommittee jointly organised various events with ENS, HKUSU to equip our HKU students with various skills to secure their job.

### Part 1 - Mock Interview Workshop 2019 (October 2019)

Mock Interview Workshop was successfully carried out in October 2019. The workshop consisted of two parts: job search seminar and mock interview practice with 50 and 34 participants respectively.

In the job search seminar, Human Resources experts from Hong Kong Telecom were invited to share tactics of job searching skills, including CV writing skills, interview skills and career planning. Three successful fresh graduates also shared their experience on job searching strategies and preparations.





# Activities of the year

## **Part 2 - Mock Interview Workshop 2019 (October 2019)**

In mock interview practice, final year students were interviewed in seven panels, including Works Departments of Hong Kong SAR Government, AECOM, Gammon, Airport Authority, Towngas, CLP Power and Hong Kong Electric. In addition to the opportunity of practicing their interview skill, they also received valuable feedbacks from authentic panels.

Positive feedbacks were received from participants and a number of the participants had received multiple job offers.



## **Job Shadowing Program**

Co-organised by HKUEAA and supporting engineering companies, Job Shadowing Program aims to provide an opportunity for engineering students to experience the daily duties of an engineer. This year, the programme was originally planned to be held in Mid-March 2020. Unfortunately, due to the outbreak of Covid-19 in Hong Kong, the job shadowing program was cancelled.

# Activities of the year

## **International Student Subcommittee**

The University of Hong Kong is a world class university and has attracted a lot of non-local students. This group has been formed since 2018 aiming at providing networking opportunities for the non-local students as well as organising events which benefit them.

## **International Students Networking Event (8 November 2019)**

On 8 November 2019, the Networking Event was held with the aim of providing a platform for international students to socialize with peers and alumni. The event was attended by more than 50 students and alumni from different fields of engineering.

Ir Raymond Choi, President of HKUEAA opened the event by introducing HKUEAA and discussing the benefits of professional networking.

During the event, students had the opportunity to meet and interact with leading industry professionals. Through this event, students were able to develop and nurture professional relationships, build social skills and self-confidence as well as gain valuable career suggestions and guidance.





# Activities of the year

## Local Technical Visits

This year, the Technical Visit group organized/would organize three local events.

### *1. Technical Visit to Tung Chung New Town Extension – Reclamation and Advance Works (19/10/2019)*

It was successfully held on 19 October 2019 with participation of 16 students and alumni. The works mainly comprise reclamation of the seabed at Tung Chung East by non-dredged methods to form a total of about 130 hectares of land; construction of seawalls and a multi-cell drainage box culvert; provision of infrastructure for Tung Chung Area 58; and implementation of the associated environmental mitigation measures.

“Deep Cement Mixing” (DCM) method is one of the non-dredged reclamation methods adopted in this project so as to strengthen the soft marine deposit and to enhance the stability of the seawall foundation. After a brief introduction of the project background and the construction technology adopted, participants got the chance to see the DCM machines and working status through on-site boat tour.



# Activities of the year

## *2. Technical Visit to Sha Tau Kok Sewage Treatment Works (4/7/2020)*

After further postponement due to the pandemic, this technical visit was successfully held on 4 July 2020 with 21 students and alumni participating. Site officers first gave us a technical briefing on the design of the sewage treatment system and how it works to achieve the Sewerage Master Plan. After an in-depth explanation of the project background, sewage treatment technology and construction technology adopted as a pilot project, participants got the chance to look into the temporary sewage treatment plant under testing and commissioning and working status through inspection on-site.



## *3. Technical Visit to Tai Po Water Treatment Works (25/7/2020)*

After further postponement due to the pandemic, this technical visit was successfully held on 25 July 2020. A technical briefing on the design of the water treatment works was arranged. The briefing introduced how the water works to maintain expansion flexibility to meet future demand and improve water quality (4-log or 99.99% inactivation of water borne pathogens).

The state-of-art innovative design incorporates on-site generated ozone and chlorine. A guided tour was conducted to some of the key facilities in Tai Po Water Treatment Works, like Dissolved Air Flotation Building, Ozone Generation Building and On-site Chlorine Generation Plant.

## **Overseas Study Tour**

### **Israel Study Tour 2020 – Innovation, Smart City and Start-ups**

Innovation shall ride on the wisdom of people from around the world. Since the first launch, the Overseas Study Tour has been acclaimed and recognised as a fruitful experience to both students and alumni. Under the outbreak of Covid-19 worldwide, we had to terminate our planned study tour to one of the countries with the highest global innovation index – Israel. We hope the remarkable overseas study tour could resume and bond students and alumni together next year.



# HKUEAA Education Foundation Ltd.

As a charitable organization granted tax exemption under Section 88 of the Inland Revenue Ordinance, the H.K.U. Engineering Alumni Association Education Foundation Limited (HKUEAA EF) raised \$380,000.00 during financial year 2019-20.

The objectives of HKUEAA EF include, inter alia, the following:

1. To organise, promote non-profit making activities for charity purpose;
2. Generally to foster, encourage, support, and assist in the promotion of education of engineering in all its forms;
3. To grant donations, scholarships, financial or material assistance to the poor or to non-profit making organisations such as schools, colleges, universities, for the furtherance of charitable activities beneficial to the community;
4. To contribute to non-profit making research institutions and organizations (such research institutions and organizations shall disseminate the research results to the public).
5. To grant scholarships to award engineering students who display leadership and show commitment in community affairs

# Appreciation to our voluntary helpers

## **Karlie Chang Year 3 student of Civil Engineering**

It is my pleasure to have joined the HKUEAA family during my first year at HKU. Being one of the organizing committee of HKUEAA Student Affairs group, I had a lot of fun working with other committee members. I am grateful for the opportunities of being involved in organizing various events throughout the years, including GMS, Oversea Study Tour and Career Expo. These memorable experience not only strengthened my communication skill, but also broadened my horizons and expanded my social circle. Joining HKUEAA events also allows me to gain more insight towards the industry. Last but not least, I would like to thank all experienced alumni and committee members for their guidance and encouragements. Thank you for offering me such a valuable experience to learn and contribute as a student helper.



Kelvin Liu

Karlie Chang

## **Kelvin Liu - Year 3 student of Civil Engineering**

Being a student helper/organizing committee of events has provided me rewarding experience. I started participating in HKUEAA when I was a Exco of engineering society in HKU. HKUEAA has provided generous support for student which motivated me to contribute through HKUEAA. In these few years, I have learnt a lot on organizing functions, understanding students' needs, and explore my career. In my guidance of Career Expo in this session, I am sure we have breakthrough on helping final year students to be equipped with brilliant interview tactics with my team. This is very meaningful for me that I can help students with such powerful impact. I will never forget.

HKUEAA is also a warm family. People are willing to share their life and experience to young members. They advise us on whatever you encounter, which is super supportive. We become friends, and more like a family. I would like express my sincere gratitude to all HKUEAA EXCO and friends. It is a precious opportunity to be one of the member. Wish the coming session a great success!

# Appreciation to our voluntary helpers

## **Kasey Lin - Graduate Engineer at China State Mechanical and Electrical Engineering Ltd.**

I joined HKUEAA as a helper for about 3 years. Those experiences I had here do inspire me a lot, especially on the road to become a professional engineer.

I have participated in various functions, such as Graduate Mentor Scheme, Study Tour and Annual Dinner. Working along with experienced engineers and students from other disciplines allowed me to explore more in engineering industry. It also expanded my social network by organizing different activities.

I am glad that I have joined HKUEAA this family. Not only widening my horizon, but it also provided opportunities for me to learn from the fore-runner and set up my personal goals in life. Please do not hesitate to join if you like to have self-improvement and better understand the engineering industry!

## **Jacky Cheung - Graduate Trainee at CLP**

It is my pleasure to work with the team members of Student Affairs, HKUEAA. Working with professional engineers and students in various functions, such as the Mock Interview Workshop and Graduate Mentorship Scheme, offers the chances for me to broaden my horizon and expand my network. But most importantly, I believe that the experiences gained from those events could help the student in preparing for their future, not only in job hunting but also in their journey of life. If you would also like to support our fellow juniors, you are welcome to join us!



**Kasey Lin**

**Jacky Cheung**





Kelvin Cheng

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