

Chinese University

BULLETIN

No.1, 2018

Equipping Tomorrow's Entrepreneurs



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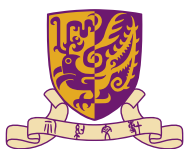
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Hong Kong 2018

The *Chinese University Bulletin* is
published biannually by the
Information Services Office

Address all correspondence to
Information Services Office, CUHK,
Sha Tin, N.T., Hong Kong SAR,
The People's Republic of China

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Website
[www.iso.cuhk.edu.hk/english/
publications/bulletin/](http://www.iso.cuhk.edu.hk/english/publications/bulletin/)

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Equipping Tomorrow's Entrepreneurs



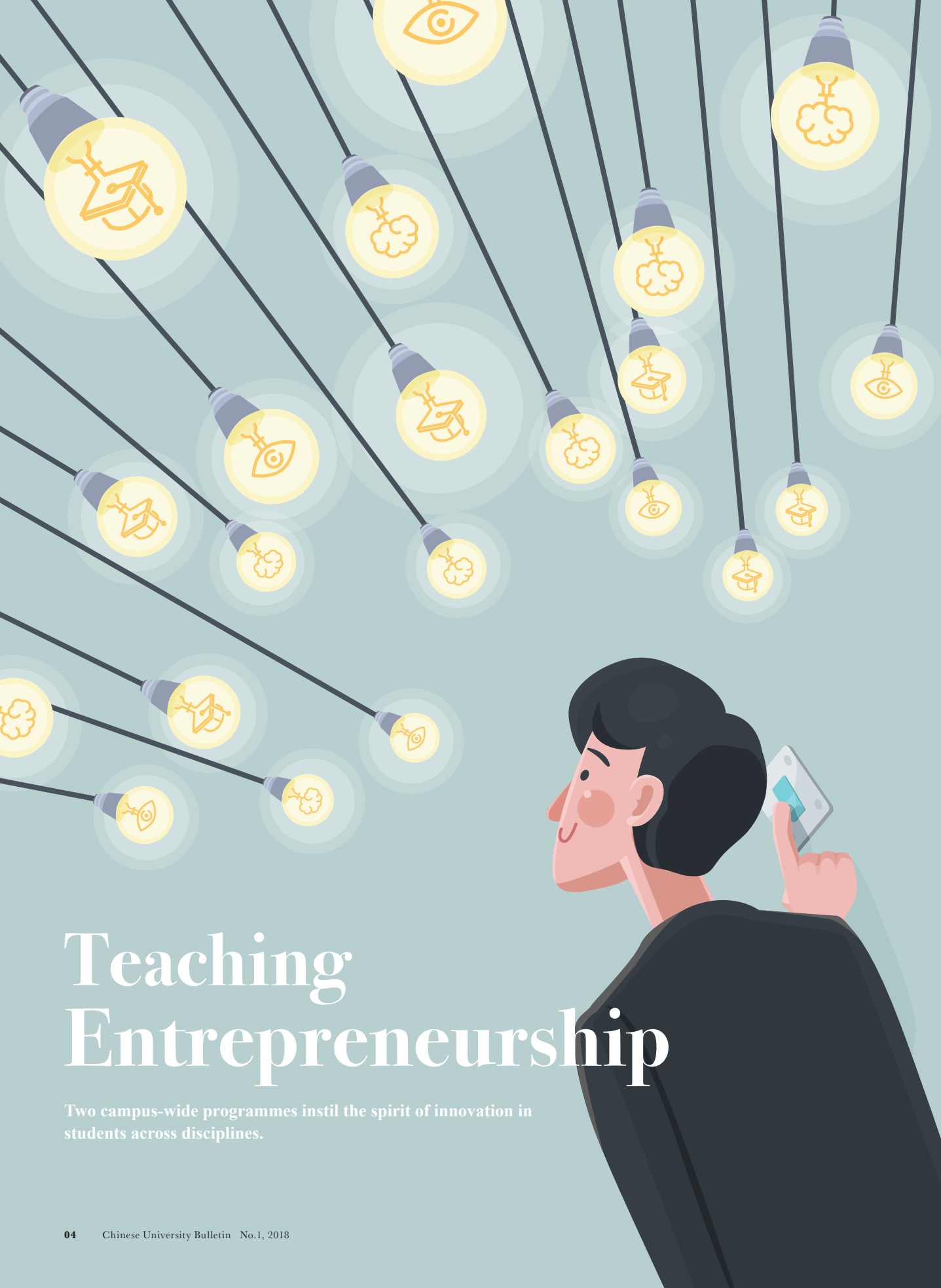


Do entrepreneurs need a college education? Given the stellar startup careers of famous dropouts like Bill Gates, Steve Jobs and Mark Zuckerberg, the answer to this question seems like a no-brainer. But while outliers are given a disproportionate amount of attention, it is easy to overlook the fact that for every Bill Gates, there are countless dropouts who have failed. Plenty of research has shown that higher education is a good way for young entrepreneurs to increase their chances of business success, and that companies started by more educated founders tend to have greater sales volumes.

In recent years, CUHK has been developing new ways to equip the next generation with the skills and resources they need to create their own futures. Entrepreneurial classes impart not only knowledge but also nurture inner ability. The opportunities offered by the many

centres, incubators and College programmes enable students to explore their ideas and get a taste of the external business world. An extensive alumni network allows them to receive both advice and capital investment from those who have been there before.

Back when Steve Jobs started Apple in his garage or when Zuckerberg built a dating website in his dorm room, starting one's own company was much less common than today and the university campus was an unlikely place to find allies and support. Nowadays, with entrepreneurship having become a global phenomenon, universities, the felicitous meeting point of campus resources, expert knowledge and ambitious students, are natural sites for entrepreneurial energy and provide a safe environment for nascent founders to build a network of like-minded people and give their future startups a head start.



Teaching Entrepreneurship

Two campus-wide programmes instil the spirit of innovation in students across disciplines.

Prerequisites to Entrepreneurship

Though some of the world's most successful entrepreneurs have been college dropouts, Prof. **Andy Wong**, Co-director of the undergraduate minor programme of Entrepreneurship and Innovation (EPIN), argues that a college education has a valuable role in creating better ideas and better entrepreneurs. 'Contrary to popular belief, entrepreneurship can be taught and learned. It is not so much about starting a new company as it is about being able to adapt to changes and finding new solutions in all walks of life. A university plays an important role in imparting such essential qualities to the students.'

The first university-wide minor programme in entrepreneurship in Hong Kong, EPIN was launched last September with an ambition to foster a creative culture on campus. The programme is open to undergraduate students from all disciplines and nationalities, and encourages them to mingle and collaborate. Teachers of this programme are no less diverse. They are from the University's business, engineering, law, psychology, journalism, history and social work disciplines, allowing students across Faculties to find something new to learn.

Contrary to popular belief, entrepreneurship can be taught and learned.'

- Prof. Andy Wong

'There is no such thing as a "self-made man" in the world of startups. Even someone as brilliant as **Elon Musk** had to partner with people of different backgrounds to come up with PayPal, Tesla and SpaceX,' said Professor Wong. 'This programme offers a great opportunity for students to identify their future partners and learn to communicate with people from different fields of expertise.'

Students of the programme are required to complete a minimum of 18 units, or six courses, in three key areas—'Mindset and Values', 'Knowledge and Skills', and 'Practices'.

'Mindset and Values' courses develop in the participants an appreciation for creative power and prepare them to be lifelong learners. For instance, the course on design thinking teaches one to think like a designer and combine empathy, ingenuity and rationality to meet user needs and tackle real-world problems.

While it certainly takes some nerve to launch a new business, one also needs a set of critical skills to make it sustainable. In the 'Knowledge and Skills' courses, students are free to choose topics of interest or of relevance to their future business, from prototype making to capital-raising, from digital storytelling to copyright and intellectual property.

Finally, in the area of 'Practices', students integrate the individual components of the programme and turn them into a project ready to be pitched for funding. 'Again, it is not a must for every student to become a startup founder, but it is important they internalize what they've learned and retain the key messages, which will probably change the trajectory of the rest of their lives,' said Professor Wong.

What are taught in the EPIN Programme?

— Key Values —

Lifelong Learning



Voluntary and self-motivated pursuit of knowledge throughout life

Design Thinking



The ability to think like a designer and combine empathy, ingenuity and rationality to tackle real-world problems

Independent Thinking



Analysing and synthesising all sources of information to form one's own opinion

— Essential Skills —

Prototype Making



Creating a three-dimensional version of one's vision

Capital-Raising



Looking for investors to start or expand the business

Copyright, Patents & Intellectual Property



Protecting the brainchild of a creator with the help of law

Digital Storytelling



The use of digital tools to create stories in a compelling way and with emotional impact

Nurturing Social Minds

Not all entrepreneurs are driven by personal financial gain. Social entrepreneurs are those who pursue novel business activities that have the potential to solve community-based problems. Riding on the growing interest in this business model, CUHK launched in 2016 a three-credit elective course called 'Social Entrepreneurship and Impact Investment'. Although it is part of the MBA Programme, the course is open to all postgraduates as well as senior undergraduates to support the emerging generation of social innovators from different backgrounds.

In a typical university course, students only need to worry about writing a good paper or being well prepared for an exam. In this practical course, they

must balance academic requirements with the demands imposed by their partner organizations.

Students select their Social Venture Partners (SVPs) in the first week of the course and then in addition to attending weekly classes, work in teams as consultants for the SVPs. They need to come up with ways to improve operations and generate ideas for expansion. The final objective is to help these SVPs pitch their expansion plans to a panel of judges, who will award HK\$250,000 to the team with the best plan.

'Personal experience is the best teacher. The only way to know what it is really like to be a social entrepreneur is to work with one and think like one.'

said Prof. **Kevin Au**, one of the masterminds behind the course.

As it turns out, the course is a win-win situation for everyone. Students learn first-hand what it takes to be a successful social entrepreneur, while the SVPs benefit from new perspectives and ideas the students bring along. 'Some relationships become so well established during the course that students continue to work with their social enterprise partners long after formal instruction has ended,' said Professor Au.

A university prepares students so that they can go out into society and make a difference in the future. The beauty of this course is that they get the opportunity to make a difference right here and right now.

Learning by Doing



① Classroom Instruction

Students are trained in consultation skills and learn from experience sharing by industry experts

② Forming Alliances

Each class is split into four groups, and each group chooses to work with a Social Venture Partner (SVP)



5 Homing in on the Big Prize

Students pitch on behalf of the SVPs for HK\$250,000 in grant funding provided by the Yeh Family Philanthropy



“The only way to know what it is like to be a social entrepreneur is to work with one and think like one.”

- Prof. Kevin Au



4 Putting Knowledge into Practice

Students come up with ways to improve operations and work with the SVPs on funding proposals



3 Going into the Community

Students visit the SVPs' offices and meet the ultimate beneficiaries, e.g., people with disabilities, low-income students, ethnic minorities



Coaching Entrepreneurship

For aspiring entrepreneurs, navigating the startup landscape can be difficult. Some University units have been helping prospective founders become better informed about the road they hope to travel, offering space, tools, financial support and opportunities to turn their ideas into reality, and attracting business and non-business students alike to the entrepreneurial world.





Center for Entrepreneurship (CfE)

The CfE was founded in 2005 with the mission to inspire entrepreneurship through conducting research, organizing entrepreneurship competitions and providing education.

Its 'Global Entrepreneurship Monitor' report has been measuring the intensity of startup activities in Hong Kong since 2002, and has gained the reputation of the most reliable entrepreneurship study about the city.

The 'Hong Kong Social Enterprise Challenge' initiated by the CfE is the foremost inter-collegiate business plan competition in turning creative business ideas into meaningful and sustainable ventures that promote social good. Since 2007, around 4,000 undergraduate and postgraduate students and fresh graduates from 24 academic institutions have participated in the competition, generating over 600 business ideas for social enterprises.

The Hub for Advancing CUHK Entrepreneurship (ACE Hub) under the CfE gives CUHK staff, students and alumni the opportunity to explore entrepreneurial ideas and develop practical skills. Through educational initiatives and advisory service, the ACE Hub offers training workshops and matches CUHK stakeholders with investors and incubators.

'As a pioneer in entrepreneurship research and education in Hong Kong, the CfE has made significant contributions to the development of an entrepreneurial mindset in the CUHK community. It will continue to foster the spirit of entrepreneurship on campus and beyond.'

Prof. Ma Xufei
Director of the CfE



Available Resources



Research



Competition



Training



Mentorship



Investor Network



Exhibition



Centre for Innovation and Technology (CINTEC)

CINTEC is the technology transfer arm of the Faculty of Engineering, which was established to provide innovative solutions to industrial challenges, and to connect potential projects with commercial investors leading to successful startups.

The Centre helps CUHK research groups to showcase their latest innovations at major technology exhibitions and trade fairs. It also maintains the 'CINTEC Online Exhibition' portal, which provides an up-to-date list of CUHK research results and in particular those with high commercialization potential.

To foster education in entrepreneurship and innovation, CINTEC organizes the 'Professor Charles K. Kao Student Creativity Awards', a biennial competition in technological innovation to promote the culture of innovation amongst students, and to select innovative student projects for entry into national or international competitions.

CINTEC also offers various types of incubation support, including coaching, infrastructure and business connections, to student and faculty entrepreneurs so that they can turn their innovation into viable business startups. One of the best known tech companies to have spawned from CINTEC is Wisers Information Ltd.

'CINTEC strives to explore and maintain effective channels to support technology transfer to the industry. Direct commercialization of research results is an effective way to facilitate industrial innovation, thereby contributing to Hong Kong's migration towards a knowledge-based economy.'

Prof. Wong Kam-fai
Director of CINTEC





Pre-Incubation Centre (Pi Centre)

The Pi Centre, jointly managed by the Cfe, CINTEC and the Office of Research and Knowledge Transfer Services, is a university-wide initiative that aims to stimulate creativity and entrepreneurship by offering up to one year of workspace, facilities and mentoring services to teams of students starting companies that commercialize technologies and implement innovative business models.

Any CUHK student who has an innovative idea and a passion to create significant human, social or market value is welcome to join. Together with other members of a Pi Team, he/she will enjoy one year of mentoring consultation, workspace and facilities in the Lady Ho Tung Hall for free, where networking events and training sessions that introduce the knowledge of establishing and operating startups will be held.

Teams having achieved good progress can work out the product, establish a startup venture, obtain investment or gain entry into external incubation programmes.



‘At the Pi Centre, we offer pre-incubation services for student startups. With our help and support, the growth and success rate can be much higher.’

Mr. Jonathan Chee
Pi Centre Manager



Available Resources



Training



Mentorship



Workspace



Facilities



Investor Network



Funding



Creativity Laboratory (c!ab), Wu Yee Sun College

Equipped with high-end facilities including iMacs, photographic equipment and wood-working tools, c!ab provides a supportive and stimulating environment for College students to unleash their creativity and give form to their vision.

In the well-planned physical space, students can exchange ideas and brainstorm in the discussion zone where inspiring books and magazines are available. They can also conduct experiments and work on product prototypes at the woodworking bench.

Managed by a committee formed by teachers and advisors with diversified expertise, c!ab also provides professional guidance to its users.

Students are encouraged to develop self-initiated projects with project grants and funding offered by the College. Projects that have emerged from the 24-hour c!ab include but are not limited to V’air, a student-run organization advocating green living and local tourism, and A Store in CUHK, a group-buying platform selling local products to support the local economy.



‘Our College mission, “Entrepreneurial Spirit with Social Responsibility”, is not a cliché but a belief firmly held and put into practice by our teachers and students.’

Prof. Anthony Chan
Master of
Wu Yee Sun College





Young Entrepreneur Programme (YEP), S.H. Ho College

In 2014, S.H. Ho College launched YEP to encourage its students and alumni to set up their own businesses. Winners of the Programme are given a 300 sq. ft. operating space on the ground floor of Chan Chun Ha Hall on campus to run a physical store.

YEP invites business proposals every year, which are evaluated by a selection panel comprising a professor from the Faculty of Business Administration, an administrator from the Business Office and a social entrepreneur. The winning proposal must stand out from the rest in terms of innovativeness, business feasibility, financial planning, and social awareness.

In the past four years, the Programme has given rise to four on-campus businesses—Timing Bookstore, an independent second-hand bookstore that differentiates itself from other mainstream bookstores with its unique way of operation; HeyHome, a food shop focused on organic vegetarian products to inspire clean and healthy eating; Hong Kong Produce, a consignment shop selling a wide range of products to promote local handiwork and designer brands; and Dreamcatchers, a consignment shop that supports social innovative businesses by selling products with social missions, for instance promoting positive thinking and environmental protection.

The Programme also holds workshops and talks to encourage dialogue between students and entrepreneurs.

‘S.H. Ho College has been helping students to cultivate innovative ideas, cultural understanding and care for society. YEP was launched to help young entrepreneurs to incubate their business plans even if they only have a small amount of capital to start with.’

Prof. Samuel Sun
Founding Master of
S.H. Ho College



Available Resources

- Competition
- Training
- Mentorship
- Funding
- Physical Store
- Network



Group Sense Innovation and Entrepreneurial Project Award, United College

Since 2005, the Group Sense Innovation and Entrepreneurial Project Award has been grooming would-be founders under the auspices of College trustee and alumnus Dr. **Samson Tam** who is the Founder of Group Sense (International) Ltd.

Competitors for the Award will attend a series of training and networking sessions before turning their novel ideas or products into feasible business plans.

Each competing team consists of one to five members. As long as one of them is a United College student who serves as the team leader, the other members can be students from any College, any Faculty, and any year of study.

Each team will receive HK\$1,000 as support money upon submission of a decent proposal. The finalists will present their business plans to a panel of judges. The champion will be awarded \$8,000, the first runner-up \$4,000, and the second runner-up \$2,000. Travel scholarships are available for students to participate in overseas competitions.

If the winning teams go on to implement their plans with their own capital, the College will offer matching funds capped at \$100,000.



‘To innovate is not to rebel against the system. Instead, it is to improve oneself, discover new perspectives, and drive social progress. That’s what we advocate for with this Award.’

Prof. Jimmy Yu
Head of United College



Passing Entrepreneurship

Numerous CUHK graduates have gone on to set up their own businesses. Looking back, many of them said the most valuable help was often practical advice from people who had been there before. Once such successful entrepreneurs have made a name for themselves, they often wish to share their experience, network and resources with the new players to keep the startup ecosystem vibrant and alive.



Giving Wings to Dreams

Photos by Keith Hiro, Cheung Wai Lok & Eric Sin

After graduating from the Department of Marketing in 1988, **Steve Lau** started a business with HK\$200,000 in 1993 and became the first person to secure the nationwide distribution rights for Nokia products in the mainland Chinese market. With sales doubling year after year, he took his company public in 2000, which made him the chairman of China Fortune Holdings Ltd.

The advent of smartphones opened a new chapter in mobile telecommunications history. Since then, Nokia's fortunes have taken a turn for the worse. In the early 2000s, Steve, focusing on clearing out the inventory every day, ended up missing out on the opportunities in the booming Internet business. 'In year 2000, when **Jack Ma** started making forays into the Internet and e-commerce business, I only cared about disposing of the remaining handsets in my inventory.'

However, Steve did not let the tech craze pass him by. In 2011, he set his sights on the third megatrend—mobile Internet—and established the Eagles Fund in the mainland the following year. He made the transition from an entrepreneur to an angel investor, dedicated to helping young people to start an Internet-related business.

Steve Lau

'As I get older, it has become tougher for me to start another business due to my limitations in knowledge, physical energy and time. Rather, through my role in angel investing, I can get to know many young people, help them set up their businesses, become their shareholders, mentor them and use my experience to help them avoid unnecessary detours on the entrepreneurial path.

'It is my vision to spend 30 years to accomplish 1,000 startup projects. I only have to invest in 33 companies each year for there to be 999 in three decades.'

Local Angel

Lap Man majored in Japanese Studies at CUHK in the 1990s, during the rise of the Internet. Several Internet giants such as Netscape and Yahoo! were founded in 1994. He rode the dot-com tide at the age of 25 and founded the DYXnet Group, which provided Internet service in the Greater China Region.

His business soon suffered from the bursting of the dot-com bubble. 'In 2003, the highest level of debt we owed was \$50–60 million. We were \$26 million in debt to one vendor. Fortunately, we managed to persuade the creditor to accept a settlement and convince the shareholders to inject capital into the company to prevent liquidation. I learned from this crisis that good investors not only invest money but also share experience and provide guidance.'

Different venture capital funds have emerged over the past five years, but very few of them focus on the Hong Kong market. Lap Man therefore co-founded Beyond Ventures with Hony Capital, eGarden Ventures and Hop Hing Group

last October, to help local startups actualize their innovative business ideas and cultivate the local startup ecology. Apart from providing funding support, they have lined up some successful entrepreneurs to provide mentorship and help the startups grow and extend their business networks throughout Greater China and other parts of the world.

'Most of the established Hong Kong entrepreneurs of my generation sought opportunities beyond Hong Kong, and many chose to stay behind in mainland China or overseas. I'd like to work with my partners to motivate the veterans to groom young Hong Kong entrepreneurs and to help the local startup scene flourish.'

Lap Man



Starting Up to Help Startups

Eric Ng obtained his Bachelor's and MPhil degrees from CUHK's Department of Computer Science and Engineering in 2000 and 2002, respectively. He became his own boss in 2010 when he founded RedSo, a mobile app company with familiar names including myTV among its clientele. Boutir is his second company, which capitalizes on the rapidly growing e-Commerce business and created an eponymous app to let smartphone users establish online stores. Since its launch in August 2015, 30,000 merchants have become its registered users, offering 450,000 products.

In 2015, Boutir joined the 'Empowering Young Entrepreneurs (EYE) Programme' co-organized by Google and CUHK's Center for Entrepreneurship, and came into contact with nine other startups. 'Getting to know like-minded others let us learn from one another. The event exposed us to several industry veterans, too. It also gave me the

opportunity to visit startups in Taiwan.' He also participated in the 'CUHK Entrepreneur Day' (see next page) in 2015, an event that connected him to other alumni entrepreneurs. Apart from this annual event, he looked forward to attending more such exchanges. In 2016, he teamed up with other participants to set up the CUHK Alumni Entrepreneurs Association and became its founding president. A year later the association held the first CUHK Entrepreneurship Competition.

Asked whether he found it tough setting up CUHK's first alumni association across Departments and Colleges, Eric replied, 'Not really. Although we had to feel our way forward initially, **Alan Lam**, executive committee member of the CUHK Alumni Torch Fund, gave us plenty of valuable guidance. The Alumni Affairs Office was equally forthcoming with its support of the subsequent developments of our association.'



Eric Ng

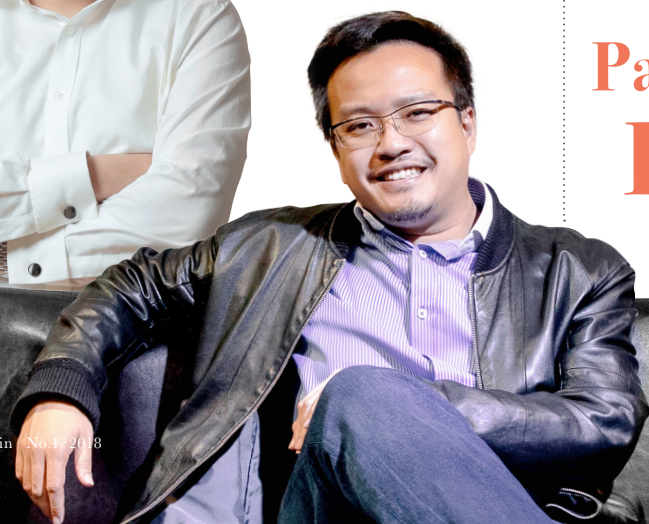
Jimmy Chan's startup experience spans over 15 years. More recently, he has been putting a lot of effort into developing a startup hub to provide new entrepreneurs with co-working space, funding and expansion support in a Kwun Tong factory building. Seeing many young people with entrepreneurial aspirations discouraged by the high office rental prices, he wanted to help them achieve their startup dreams.

On a trip to Israel in 2015, Jimmy visited co-working spaces for startups and discovered that despite the country's small geographical size and shortage of natural resources, the startup atmosphere there was one of the most vibrant in the world. 'Israel is part of the Middle East and surrounded by enemies. I was told by a young Israeli that they must innovate to survive.' Although Hong Kong's situation is not as perilous, it faces stiff competition from the rest of the world, especially the key cities in mainland China. Jimmy believes that in addition to its key sectors like finance and real estate, Hong Kong needs to stay attuned to global trends in other areas. 'I want to foster a startup ecosystem with young people to support our city's economic transition.'

The physics graduate has been actively giving back to his alma mater. From 2016 onwards, he has become Chairman of the Chung Chi College Alumni Association, bringing together alumni from different generations through its diverse activities. 'The association has seen an influx of young alumni in recent years. Some of them have even become mentors, joining hands to give the College's young students a leg up. This is our way of giving back to our alma mater and passing on its legacy.'

Paying It Forward

Jimmy Chan



CUHK Entrepreneur Day

ENTREPRENEUR DAY

2015

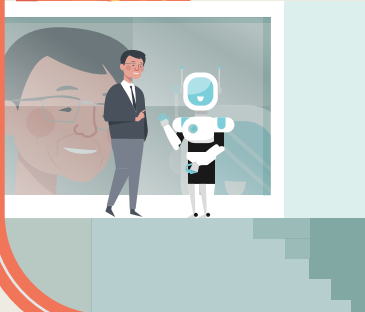
When CUHK Entrepreneur Day, a large-scale annual event initiated by the CUHK Alumni Torch Fund, was inaugurated in 2015, its aim was to allow CUHK alumni, staff and students to showcase their innovative ideas and products through exhibitions, talks and seminars, as well as the tradition of CUHK alumni to care for each other across generations.

In 2017, the event moved up another notch. It launched its very first 'CUHK Entrepreneurship Competition' in which the winning teams had a chance to sign a Memorandum of Understanding with alumni investors.

In 2016, the range of exhibitors expanded to include social and cultural enterprises. With an emphasis on global entrepreneurial opportunities, the event invited business owners from the US, mainland China and other regions of Asia to speak at seminars and sharing sessions.



2018



In its fourth year, the event, held from 11 to 12 May 2018, was an even bigger occasion. Two keynote speeches on popular topics were delivered: one by CUHK Vice-Chancellor Prof. **Rocky S. Tuan** on 'The Development of Biomedical Engineering in Hong Kong' and the other by alumnus Dr. **Xu Li**, CEO of SenseTime, on 'The Development of AI: Its Visible Future'. A new element, the 'Innovation Demo Area', was introduced, where creative applications of new technology in facial recognition, mobile payment, AR/VR, medical devices, and mobile apps and games were showcased to visitors.



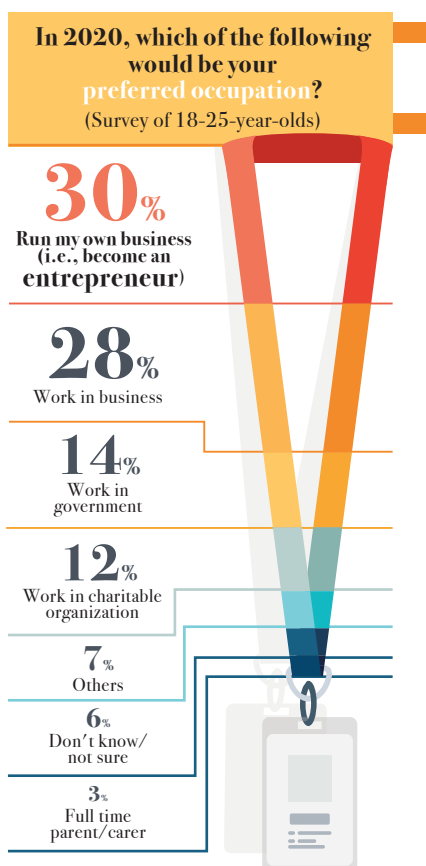
ENTREPRENEUR DAY



Predicting Entrepreneurship

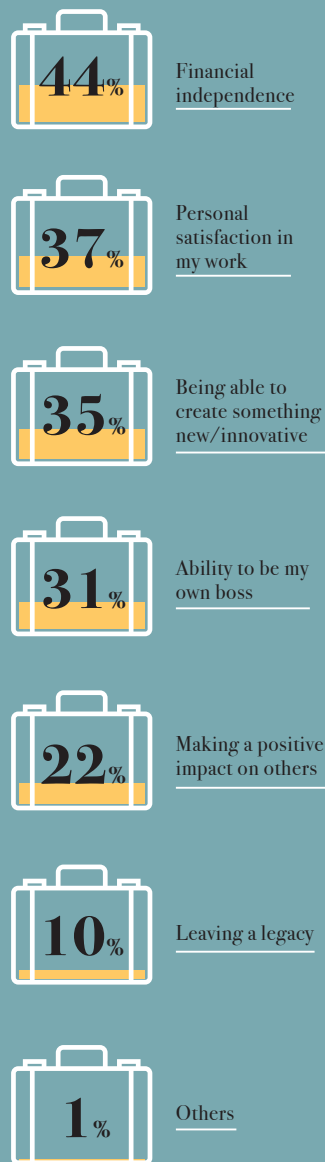
In a global survey of young people conducted by *The Economist*, 30% say that their preferred occupation by 2020 would be running their own business—the most common choice for that question. More generally, 75% are open to starting a company one day, and about 10% have already done so. Amid estimates that 65% of today’s primary school children will end up working in jobs that don’t yet exist, a major shift in the organization of the labour market in developed economies—away from the managed economy towards the entrepreneurial economy—has been taking place.

Shifts in labour markets require corresponding shifts in education. In addition to being places of learning, universities like CUHK are transforming into hubs for innovators and risk-takers who are willing to deviate from the status quo to create their own paths. The future world will be shaped by entrepreneurs, and a college degree should equip graduates with the right tools and mindset to change the world. 📌



What have been, or would be, your main motivations for running your own business?

(Survey of 18-25-year-olds)



Source: The Economist Intelligence Unit 2014



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President of the National Academy of Medicine
Vice Chair of the National Research Council
Chancellor Emeritus and James B. Duke Professor of Medicine at Duke University

17 / 9 / 2018, 2:30 pm

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Installation of
the New
Vice-Chancellor



Prof. **Rocky S. Tuan** was officially installed as the eighth Vice-Chancellor of CUHK on 17 April. The Sir Run Run Shaw Hall, where the installation ceremony was held, was packed to the full. Among those 800 present were members of the Council, faculty, staff, students, alumni and government and higher education leaders from Hong Kong, the mainland and overseas who witnessed Professor Tuan presented with a copy of The Chinese University of Hong Kong Ordinance and the University Seal by Dr. **Norman N.P. Leung**, Chairman of the University Council.

The introductions of Professor Tuan were written and delivered in English by Prof. **Christopher Gane**, Dean and Simon F.S. Li Professor of Law, and in Chinese by Prof. **Ho Che-wah**, Chairman of the Department of Chinese Language and Literature.

Professor Gane presented a brief survey of Professor Tuan's academic achievements and scientific contributions particularly in the field of regenerative medicine. He expressed confidence that Professor Tuan's ability to contribute on multiple fronts, as demonstrated by his previous outstanding performance in concurrent roles, should stand him in good stead as he confronts the demanding role of CUHK Vice-Chancellor. 'One of the striking features of Professor Tuan's scientific career is his ability to hold down not one, but two or even three appointments concurrently. This is, of course, a mark of recognition: everyone wants a piece of Rocky Tuan. It is also a testament to his energy, industry and capacity for leadership,' said Professor Gane.

In addition to a biographical sketch, Professor Ho's introduction gave the audience a glimpse of Professor Tuan's lesser known musical talent. He quoted the Vice-Chancellor's own reflection on his passion for music: 'I love ensemble work, and the moment of true union of minds, a fusion of the experience and hard work and musical expression of everyone, is the true spirit of music that I have been after. Achieving such moments depends absolutely on relentless practice and hard work, and does not necessarily always materialize,



but when they do, it is pure ecstasy! Reaching and being immersed in that spiritual state is to me what musical performance is all about.' It therefore came as no surprise that the spirit of harmony and collaboration in music can also be found in Professor Tuan's style of leadership in education and research.

At the beginning of his address to the audience, Professor Tuan compared CUHK to 'a great tome... old enough to be an endless source of wisdom and inspirations, but young enough to open up new vistas and whet the appetite for adventure.' He was prepared to lead the University through the challenges of the times, take it to new heights of excellence and engagement, and pass on its precious legacy.

To Professor Tuan, taking the helm of a leading university in his birthplace marked the embarkation on the most exciting and meaningful journey home. He shared a tremendous sense of belonging with the rest of the CUHK community, in particular its massive alumni body. In his words, '[Our alumni] carry within themselves what has been learned in our labs or classrooms, and delight in lifelong

friendships made in our college canteens or sport grounds. To the outside world, CUHK is known by the faces and feats of these fine products of the University. They are the bridge between CUHK and society.' He went on to say, 'I wish to tap this rich resource of talented members of the alumni community for the good of the University, and to shore up and take forward the University's strategic objectives of increasing its global profile and presence.'

In closing, Professor Tuan quoted a line from one of **Orhan Pamuk's** best-known novels: 'Life was an adventure, and there was a beauty in doing things together.' His rallying words to all CUHK members: 'I have the incredibly good fortune of being in the same place with you for the duration of my term. I now extend an invitation to you— dear staff, alumni, benefactors, friends and, most important of all, trustees of posterity—to join me on this glorious journey that is CUHK!' 📄

Inaugural speech by
Prof. Rocky S. Tuan ▶



Seventeenth Honorary Fellowship Conferment Ceremony

CUHK held its Seventeenth Honorary Fellowship Conferment Ceremony on 14 May. At the ceremony, Dr. Norman N.P. Leung, Chairman of the Council, conferred honorary fellowships on five distinguished persons in recognition of their remarkable contributions to the University and the community.



Dr. Chan Chi-sun

Dr. Chan Chi-sun, the founder and chairman of Fordpointer Shipping Company Ltd, has actively participated in community service. He served as a board member of Tung Wah Group of Hospitals, chairman of the Kowloon Bowling Green Club and manager of a number of primary and secondary schools. As an alumnus of CUHK, Dr. Chan has made significant contributions to his alma mater's development through generous donations to New Asia College and the provision of scholarships for students. Over the years, he has served as chairman of the New Asia College Alumni Association and the CUHK Convocation, and a member of the University Council.



Mr. Hui Ming

Mr. Hui Ming, the founder of Koon Wah Mirror Factory, has provided generous financial support to educational and charitable activities. In 2007, he set up the Hui Hoy & Chow Sin Lan Charity Fund, providing support to the establishment of a new facility at Dali Hospital in Foshan, Guangdong. Mr. Hui has also made significant contributions to the University through various donations to the Faculty of Medicine and the Department of Geography and Resource Management.

Mr. Law Kwok-hung

Mr. Law Kwok-hung is the director of Yu Wing Construction & Investment Company Ltd and Tai Chow Construction & Investment Ltd. Mr. Law has generously supported the research and academic development of the Faculty of Medicine and the establishment of scholarships. He has also made generous donations to support the I-CARE Programme and the University Lecture on Civility that brings world-renowned scholars to give lectures on campus.



Dr. Siu Wing-tai

A distinguished surgeon, Dr. Siu has served in a number of important positions in various professional societies, including the Presidency of the Hong Kong Society of Minimal Access Surgery and the Hong Kong Society of Upper Gastrointestinal Surgeons. Dr. Siu has made important contributions to his alma mater CUHK. He took the lead in the development of collective philanthropy in support of the Faculty of Medicine, and is former president of the Medical Alumni Association. In that capacity, he was instrumental in the establishment of the Buddy Programme which provides ongoing mentoring and support networks for medical students and young practitioners.

Dr. Tan Siu-lin

Dr. Tan Siu-lin, the founder and chairman of Luen Thai Group Ltd, is an outstanding entrepreneur and renowned philanthropist. Dr. Tan served as director of the Tung Wah Group of Hospitals. Over the years, he has established scholarships and medical funds at CUHK. He also founded the Tan Siu Lin Foundation to support various educational, medical and social services activities. Last year, he was awarded the Silver Bauhinia Star in recognition of his contributions to society. Apart from making generous donations to the University and Shaw College, he also served on the Board of Trustees of the College. 📷



Citations of the
five Honorary
Fellows ▶

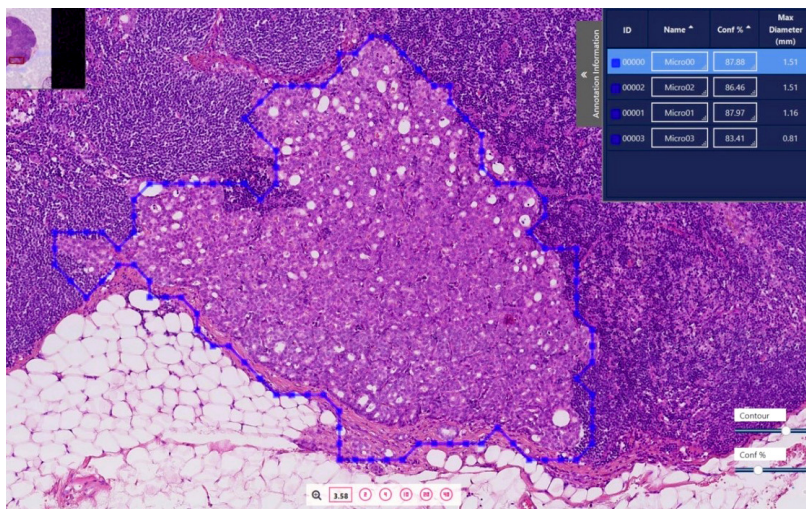




An Eagle Eye for Smart Diagnoses

Automatic detection of breast cancer cells ▶
(outlined in blue)

▼ Prof. Heng Pheng-Ann (right) and Miss Dou Qi



With medical images playing an increasingly critical role in diagnoses (IBM estimated that medical images account for 90% of all medical data), the workload of those responsible for the interpretation of the images gets heavier. Prof. **Heng Pheng-Ann**'s team of CUHK's Department of Computer Science and Engineering has developed an artificial intelligence (AI) platform for automated medical image analysis. The platform has been validated on lung cancer and breast cancer, achieving accuracies of 91% and 99% respectively.

Deep learning is a subset of AI, which uses convolutional neural network (CNN) algorithms for image computing to identify patterns in data. 'It mimics how our brains receive visual stimuli from the eyes to construct meaningful output. The AI platform will analyse and interpret the data collected, following the instructions of the clinicians or the platform engineers,' explains Professor Heng.

Physicians' Unerring Assistant

Early stage lung cancer exists in the form of pulmonary nodules, which appear as small shades on CT slices. Going through each CT slice by the naked eye takes about five minutes, and its accuracy lies on the radiologist's experience and attentiveness. The team designed a 3D CNN that incorporates the structural characteristics of thoracic CT slices and is able to locate any suspicious nodule in 30 seconds. '3D

CNN overcomes the challenges of analysing volumetric medical images such as CT and MRI images. Our team is the pioneer in 3D CNN and the results have been recognized in some international challenges,' says **Dou Qi**, a PhD student of Professor Heng.

The only accurate way to diagnose breast cancer is to perform a biopsy to closely examine the cells collected. However, a digital histology is often up to one GB in file size—equivalent to a 90-minute high resolution movie. Examining the image requires a reliable system, and is both time and energy consuming. The CNN model developed by the team enables automatic detection of the cancer cell in five to 10 minutes, compared to the duration of 15 to 30 minutes by the naked eye. The system is 60 times faster than the state-of-the-art method and outperforms an experienced pathologist by 2%.

Identifying false positives among the pulmonary nodules is one of the biggest challenges, as many false positives look similar to the nodules. 'We therefore constructed an online sample filtering scheme to select the suspected samples to train the AI platform and enhance its screening capability. We also applied a deep learning model to annotate and locate the exact pulmonary nodules,' Professor Heng elaborates. Their paper presenting the deep learning technique won the Medical Image Analysis Best Paper

Award in the International Conference on Medical Image Computing and Computer Assisted Intervention 2017.

University-Industry Collaboration

As of February 2017, there were 106 AI startups in health care globally, including ImSight Medical Technology. The startup was incubated by CUHK's Virtual Reality, Visualization and Imaging Research Centre, headed by Professor Heng. He is the co-founder and principal scientist of the startup. Shenzhen Capital Group led a RMB60 million round A investment in ImSight Medical in late March this year. In its initial operation period in 2017, the startup received funding from the Hong Kong Innovation and Technology Commission and RMB20 million investment from Lenovo Capital and Incubator Group.

In February 2018, ImSight Medical Technology entered into partnership with CUHK's Shenzhen Research Institute for research and development. 'The University can focus on research development and grooming technology experts, while the company can build strategic collaborations with industry partners and develop more products,' Professor Heng says. 'Big data is transforming medicine. We're in the new era seeing how the medical diagnoses are optimized by data-driven insights. Together with the healthcare professionals, we're producing the best outcomes for patients.'



HOUSE OF SUNNY LIVING
細日坊

Prof. Anthony Chan

Master of Wu Yee Sun College

Prof. Anthony Chan is Li Shu Fan Medical Foundation Professor of Clinical Oncology and Associate Dean of Medicine. He is also Chief of Service of the Department of Clinical Oncology, Director of the Sir Y.K. Pao Centre for Cancer at the Prince of Wales Hospital and Director of the Hong Kong Cancer Institute. He was appointed Master of Wu Yee Sun College in August 2017.

The Sunny Master of a Sunny College

Can you tell us about your journey in the Department of Clinical Oncology in the past 25 years?

After finishing my training in oncology in the UK, I joined CUHK in 1993, at a time when the Faculty of Medicine was breaking new grounds in inter-disciplinary treatment and research, particularly in Asian-prevalent cancers. I worked closely with colleagues from surgery, internal medicine, radiology, and anatomical and chemical pathology and firmly established my research interest in developing novel treatment strategies for nasopharyngeal carcinoma. In 2002, the then Department Chair Prof. **Philip James Johnson** decided to move back to England and although I was a relative newcomer to management, I was given the opportunity to become Chairman and Chief of Service of the Department of Clinical Oncology.

What led you to Wu Yee Sun College?

Over 10 years ago the founding Master Prof. **Rance Lee** and I became friends, and he invited me to take part in building the newly established College. I was deeply attracted by his visions for the College and I became one of the six founding fellows of the Sunny College on CUHK campus. With the increasing number of students and constant development of the College,

two Associate Masters were appointed in 2016 and I was honoured to be one of them. That also meant greater involvement with the College affairs. Upon Professor Lee's retirement in the next year, I was nominated to succeed this important position. I stood by my two children, now university graduates, as they navigated their youth into adulthood, and would like to bring some of that experience to support the students of the College.


What do you see are the edges of Wu Yee Sun College?

The most obvious must be its location. Wu Yee Sun College faces the Tolo Harbour and enjoys a picturesque view with Pat Sin Leng. The Spanish villa at the central courtyard of the College was named 'House of Sunny Living' in 2016 to promote and epitomize a healthy lifestyle. Our students can mingle in The Lounge, train their bodies and clear their heads in the harbour-view gym. Our College mission, 'Entrepreneurial Spirit with Social Responsibility', is not a cliché but a belief firmly held and put into practice by our teachers and students. The CUHK Store (that supports local economy) and V'air (that promotes low-carbon local tours) are two of the projects that emerged from our 24-hour Creative Laboratory. They are student-initiated and socially beneficial startup projects.

What new initiatives have you implemented since becoming College Master?

We live in a fast-changing time. To instil life skills in our students is as important as the transfer of knowledge. That's why I proposed to integrate 'Servant Leadership with Integrity' into the curriculum of the College General Education. The idea is to teach the students how to gain trust in the workplace, learn from failures and become ethical citizens and leaders. I plan to invite more people in responsible positions who feel the same need to equip the young to bring not only internship opportunities but life education to our students.

How do you balance your commitments to the Medical School, the hospital and the College?

I like to plan. I believe that if we plan well, we can accomplish a lot more. With the exception of handling crises, all meetings should be pre-arranged and agenda set and of course, there are regular hospital and teaching commitments. Since most college and student activities are in the evenings, they do not conflict with my daytime work. 



Prof. Francis Lee

Director of the School of
Journalism and Communication

Prof. Francis Lee assumed the directorship of the School of Journalism and Communication in August 2017. He received his PhD from Stanford University. Joining CUHK as associate professor of the School in 2008, he took up the role of the head of Graduate Division. His major research interests are journalism studies, political communication, public opinion and public discourse, media and social movement, and changes in cultural values.

Shaping the Future of News

It has been a year since you took up the directorship of the School. What's different from your teaching and research before?

A director needs to take up administrative tasks, including management and planning, which are different from teaching and research. As a researcher, I conduct research of my interests in a particular field. As a teacher, I focus on the subjects I teach. As a director, I should have a comprehensive view and coordinate different subjects and development plans. Take the media law as an example. The subject traditionally focused on defamation, contempt of court, etc. However, nowadays some students may want to work in advertising or creative media. Copyright seems more relevant to them. If the 13 lectures are not enough to cover all the contents, we may consider offering an elective course in addition to the core one. This is a decision beyond a teacher, but something a director can take to coordinate among subjects and satisfy the needs of different students.

What are the challenges faced in the media industry?

The world is changing rapidly, and the media industry, too. The University has to respond to those changes. It is often said that the media industry in

Hong Kong and even other parts of the world has declined. I would rather say that the industry is transforming. While some printed media suffer losses and cut jobs, some online media and niche media are growing. The job requirements are different from the past. The news media used to look at language proficiency first, and later the ability to shoot and edit videos. Now infographics is a required skill.

The communication industry is becoming boundary-less. News reporting, advertising, public relations and creative media share many things in common now. We have to take this into account when making development plans. Second, in traditional practice, after the newspapers were printed, the distributors would deliver them to the newsstands and convenience stores where readers bought them. The reporters and editors were not involved in distribution. However, the newsrooms nowadays are responsible for distribution as well. They need to think about when the news contents should be uploaded and updated, and how the news are promoted. As such, we may include the element of distribution in the curriculum.

What is the direction of the School's future development?


Established in 1965, the School has the longest history of communication education and research in Hong Kong.

Many senior practitioners in the industry are our alumni. They have significant influence on the society. We need to maintain the network with them.

We should keep up with the developing trends instead of sitting in the ivory tower. Therefore, I advise students: have a plan but be flexible about it. Last year, the School launched Hong Kong's first Global Communication Programme. Jointly developed with the School of Media, Film and Music of the University of Sussex in the UK, the programme features professional training in Communication and Media Studies as well as unique overseas exchange opportunities. We aimed at offering comprehensive training to nurture undergraduate students' global horizon innovation.

How should the students prepare themselves for a career in communication?

Those who want to work in the communication industry should be eager to try out new things, keep learning and be adaptive. Besides, be curious. They should keep themselves informed.

We hope students are not only professionals who possess practical and analytical skills but also people who serve with hearts. We endeavor to instill a strong sense of social consciousness among our graduates and to make our society a better place. 



Prof. David Chan

Director of the School of
Hotel and Tourism Management

Prof. David Chan assumed the directorship of the School of Hotel and Tourism Management in January 2018. Prior to joining CUHK, he has over 30 years' extensive experience in the hospitality industry, holding senior positions at world leading hotel groups such as the Peninsula, Regent, Marriott and Hyatt in the US, Australia, mainland China and Hong Kong.

From Hotel to Hotel School

Why did you join the University after working in the hotel sector for more than 30 years?

I have worked as general manager for 20 years and area vice-president for five years in the hotel industry, and dealt with different landlords and guests. Hotel is both a service industry and a complex business which requires administrators of high calibre. Over the years, I have come across numerous cases, both successful and extremely challenging ones. It will be meaningful if I could share my experience with the staff and students of the School and provide professional training for the young generation.

The School's programme is modelled after that offered by Cornell and has Hyatt Regency Hong Kong (Shatin) as its teaching hotel. I have studied an advanced management course at Cornell and worked for Hyatt for 27 years. This coincidence also served as an incentive for my move. I believe what I gained from the legal training at Jinan University and the doctoral training in management at Sun Yat-sen University will all add up to create a new chemistry to bring the School to go from strength to strength.

How is the School's BBA Programme in Hospitality and Real Estate positioned?

Service is the crux of the hospitality industry. But as a business, it cannot be sustained if it's not making profits. The objective of our programme is clear: we go beyond management to cover the entire business operation with a focus on the relationship between hospitality and real estate. We familiarize our students with the whole process of a hotel,

from initial planning to operation and profitability. The same applies to real estate: students have to learn the entire process flow, starting from valuation and land acquisition to construction and transaction.

University education is not vocational training. If we only focus on the training of supporting staff, then there will be a bottleneck in our industry. We have to train up our young people as future leaders. In the long run, we aim at nurturing them to be leaders in various professions, with substantial knowledge in resource deployment for projects on different scales. Our programme includes 900 hours of practicum to equip the students with enough frontline experience before graduation, which will be vital for facing future challenges in the hospitality and real estate fields, and for developing their entrepreneurial potentials.

What does the future hold for the hotel and tourism industry?


The opening of the Hong Kong-Zhuhai-Macao Bridge will accelerate the movements of people and goods. Plus the Belt and Road Initiative, the demand for hotel accommodation can only increase. Putting Hong Kong within the wider context of the Greater Bay Area, and considering its accompanying infrastructural developments and policies, I must say that the future looks really rosy. Hong Kong's excellent management quality makes the city in hot demand from the Belt and Road countries. In the next three years, China, Hong Kong and Macao will see the establishment of over 1,000 hotels of different niches. The Greater China region has a high demand for talent in the industry, and our graduates will therefore enjoy ample opportunities for career development.

Are there any cultural differences within the hotel industry?

I have witnessed how some international hotels, by adhering to the western model of management, overlooked the oriental way of handling things and doing business, as well as the culinary habits of local customers. Handling cultural differences is like holding an egg: if you hold it too tightly, the egg will crack; but if you don't hold it tightly enough, it will fall. There should be a balance between occidental discipline and oriental ease. Generally speaking, I think the East is better than the West when it comes to the provision of sophisticated services.

What is the impact of the Internet on the hotel and tourism industry?

The changes are revolutionary. In the past, we had to go through six or seven steps from reservation to checking-in. Today, it's just one click on the Internet. The rise of Airbnb has made our competitors even more numerous, and room rental websites are now all the rage. Hoteliers are thinking hard about the reason why most customers prefer not to book with the hotels directly. In addition to the differences in choice, price, and terms, the unfashionable and unfriendly designs of many hotel websites also make booking cumbersome. In this e-commerce era, young people no longer pay with cash or credit card.

All challenges come with crises and opportunities. The Internet collects loads of data about the backgrounds and preferences of customers, making customized services possible. Luxury hotels with a small market niche are especially reliant on such client-tailored services. A room booked by a female customer must be fitted with facilities suitable for women; elderly customers should be assigned rooms closer to the elevator and never a table tucked away in a corner of the restaurant. Give your customer an occasional surprise. But never celebrate ahead the birthday of a German customer, because Germans consider that bad luck. 

THE BEST AND THE BRIGHTEST

Rapid Influenza Virus Detection Wins Gold Medal

A novel rapid test ‘Dr. Switch: A Rapid On-Site Method for Subtyping Influenza A Virus’ developed by a genetic engineering team of 15 students of the School of Life Sciences and Biomedical Engineering was awarded a Gold medal at the International Genetically Engineered Machine 2017 Giant Jamboree held in Boston last November. Currently, diagnostic testing for viruses is only available in the laboratory and often takes a day or more for the result. The winning project, however, can be done on-site on animal farms, at borders or in markets. The results will come within hours, which is instrumental to epidemic control.



Entrepreneurship Funding Success

A team formed by Chester Szeen (left) and Teresa Chan (right) of the Faculty of Business Administration designed an award-winning money management app ‘EduBank’ for kids. The team was recognized by the Cyberport University Partnership Programme in November 2017 as one of the most outstanding teams, and received HK\$100,000 seed capital for developing the app further.



Awards Galore for FinTech Hackathons

In two FinTech hackathons organized by the Bank of China (Hong Kong) and the Hong Kong University of Science and Technology, two teams formed by students from the Faculty of Engineering won the championship and the first runner-up, respectively, for their personal investment apps ‘AI Stock Analyser’ and ‘Icovisor’, the latter being a performance evaluator of initial coin offering.



Seven Students Receive Sir Edward Youde Memorial Scholarships

Seven undergraduate and graduate students are honoured with the Sir Edward Youde Memorial Fellowships, Scholarships, and Scholarships for Disabled Students 2017–18, making CUHK the local institution with the highest number of recipients this year.

Name of Award	Name of Recipient	Programme of Study
Sir Edward Youde Memorial Fellowships	Siu Chun-yin	MPhil in Mathematics
	Yip Cheuk-fung	PhD in Medical Sciences
	Yuen Ka-sin	MPhil in Anthropology
Sir Edward Youde Memorial Scholarships	Lee Tin-yan	MBChB, Year 5
	Wong Chun	MBChB (Global Physician-Leadership Stream), Year 1
	Yu Yui-ki Tiffany	
Sir Edward Youde Memorial Scholarship for Disabled Students	Siu Hoi-yan	Music, Year 2



Lee Tin-yan



Wong Chun

CUHK 本科入學資訊日

Orientation Day

for Undergraduate Admissions

20.10.2018

星期六
Saturday

8:30am

歡迎同學、家長
及教師參加
All are welcome

查詢 Enquiry
3943-8947 / 3943-8951

網頁 Website
www.cuhk.edu.hk/oday



6:00pm

百萬大道

24.11.2018

星期六
Saturday

12:00nn



中大校友日 2018

University Mall

5:00pm

NEWS IN BRIEF

APPOINTMENTS



Ms. Kelly Y.S. Chan



Prof. Wong Wing-shing



Prof. Chen Char-nie



Prof. Henry N.C. Wong

New Appointment	Name	Appointment Period
Council Member	Ms. Kelly Y.S. Chan	27.11.2017–26.11.2020
Master of S.H. Ho College	Prof. Wong Wing-shing	1.8.2018–31.7.2022
Emeritus Professor	Prof. Chen Char-nie	From 6.1.2018
Emeritus Professor	Prof. Henry N.C. Wong	From 1.5.2018

Re-appointment	Name	Appointment Period
Council Members	Mr. Dickson D.S. Lo	27.11.2017–26.11.2020
	Mr. Thomas C.B. Liang	15.4.2018–14.4.2021
Pro-Vice-Chancellor	Prof. Fanny M.C. Cheung	1.8.2018–31.7.2020
Associate Vice-President	Prof. Wong Suk-ying	1.2.2018–31.1.2020
Head of New Asia College	Prof. Henry N.C. Wong	1.1.2018–31.12.2020
Master of Morningside College	Prof. Sir James Mirrlees	1.1.2018–31.8.2018
Dean of Faculty of Arts	Prof. Leung Yuen-sang	1.2.2018–31.7.2018
Dean of Faculty of Engineering	Prof. Wong Ching-ping	

HONOURS AND RECOGNITIONS

Vice-Chancellor Inducted into National Academy of Inventors

CUHK Vice-Chancellor Prof. Rocky S. Tuan was inducted as a Fellow into the National Academy of Inventors at the organization's annual conference held in Washington DC on 5 April, in recognition of his spirit of innovation and creation of outstanding inventions that have bolstered the quality of life and the well-being of society.

Widely known for his expertise in skeletal tissue engineering and regeneration, Professor Tuan's research has made significant contributions to the understanding of and potential regenerative solutions to pressing clinical needs in musculoskeletal medicine.



Prof. Wang Jianfang Wins International Award

Prof. Wang Jianfang (right) of the Department of Physics has been selected as the 31st Laureate of the Khwarizmi International Award, in recognition of his achievements in nanotechnology. The award ceremony was held in Tehran, Iran, on 24 February. Iran's President Hassan Rouhani (centre) presented the awards at the ceremony. Professor Wang is the only Asian scholar among five awardees this year.



CUHK Research Projects Recognized

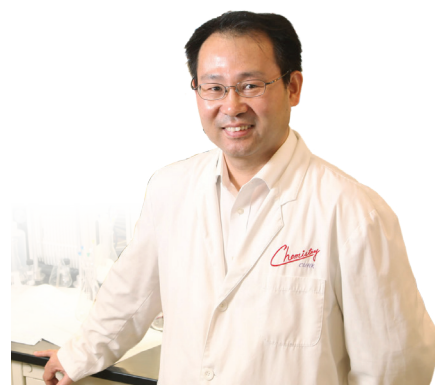


Prof. Tony Mok Prof. Lawrence Wong

Two CUHK research projects won the 2017 State Science and Technology Awards on 17 January. Projects winning the second-class awards were 'Development and Promotion of Molecular Targeted Therapy for Lung Cancer Patients' led by Prof. Tony Mok, Li Shu Fan Medical Foundation Professor of Clinical Oncology and Chairman of the Department of Clinical Oncology, and 'Innovative Strategy and Technology for the Prevention and Treatment of Stroke' led by Prof. Lawrence Wong, Clinical Professor (honorary) of the Department of Medicine and Therapeutics.

Prof. Xie Zuowei Elected CAS Member

Prof. Xie Zuowei, Choh-Ming Li Professor of Chemistry, has been elected a Member of the Chinese Academy of Sciences in recognition of his remarkable contributions in the field of organic chemistry. There were 157 candidates in 2017, of whom 25 were chemistry scientists. Professor Xie's significant achievements in organometallic chemistry earned him the honour.



Projects Receive National Scientific Research Awards

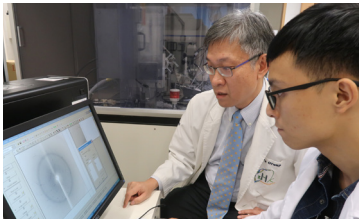


Three CUHK research projects received the Ministry of Education's Higher Education Outstanding Scientific Research Output Awards (Science and Technology) 2017. Mr. Chen Baosheng (centre), the Minister of Education, presented awards to the winning teams on 14 April at CUHK.

Two projects winning the second-class awards in natural sciences were 'Molecular Mechanism and Novel Therapeutic Targets in Treating Endothelial Dysfunction of Metabolic Syndrome' led by Prof. Huang Yu of the School of Biomedical Sciences, and 'Molecular Mechanisms of Selective Transport and Degradation of Plant Proteins' led by Prof. Jiang Liwen of the School of Life Sciences. The project receiving a second-class award in scientific and technological progress was 'Bilingual Trilingualism-based Retrieval and Understanding Platform on Large-scale Social Media' conducted by Prof. Wong Kam-fai, Associate Dean of the Faculty of Engineering.

Unravelling the Mechanism Survival of *Helicobacter Pylori*

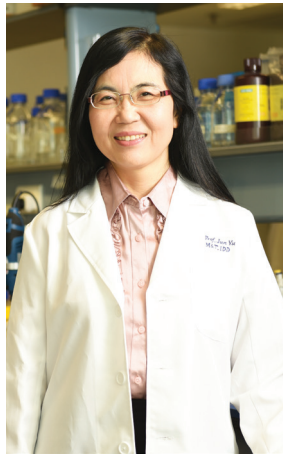
A research team led by Prof. Wong Kam-bo (left), Director of the School of Life Sciences, proved that a *Helicobacter pylori* (*H. pylori*) can survive in the human stomach by using toxic nickel ions to activate an enzyme that can neutralize gastric acid. This discovery helps the future development of novel drugs against *H. pylori* infection. The team's research findings were published in the *Proceedings of the National Academy of Sciences of the USA*. 'As *H. pylori* is increasingly resistant to antibiotics, we would like to identify a new antibiotics target before the problem of resistance gets out of hand,' said Professor Wong. The team is now using structural information to screen drugs that inhibit urease activation.



Groundbreaking Discovery in Iron Retention

A research team consisting of investigators from the School of Biomedical Sciences and Fudan University discovered that experimental mice with a deficiency in the enzyme 'cystathionine β -synthase' (CBS) displayed hemochromatosis-like symptoms, which means excess iron content in the serum and liver, along with damage to major organs. Researchers pointed out that CBS deficiency could interfere with the mechanism of red blood cell production and result in excessive iron retention. The study published in the international medical journal *Hepatology* may benefit patients suffering from hemochromatosis from unknown causes and provide new directions in diagnosis and treatment.

Taking Aim at the Essential Oncogene Triggering Liver Cancer



A research team led by Prof. Yu Jun of the Department of Medicine and Therapeutics performed RNA-sequence analyses and revealed squalene epoxidase (SQLE) as the top outlier metabolic gene overexpressed among the NAFLD-HCC patients. They also identified an antifungal drug, Terbinafine, which effectively suppressed SQLE-induced cholesteryl ester and oxidative stress accumulation, leading to reduced NAFLD-induced cancer cell proliferation. The study was published in the international medical journal *Science Translational Medicine* as a cover story. The research team will continue to investigate the efficacy of Terbinafine in treating and preventing NAFLD-HCC, in the hope of translating their findings into applications.

Behavioural Activation with Mindfulness Lowers Major Depression Risk

The Faculty of Medicine has shown that behavioural activation with mindfulness meditation could help reduce depressive symptoms and prevent major depression. Patients who underwent an eight-week treatment showed a reduction in depressive symptoms and a lowered risk of developing the major depressive disorder. The findings were published in the international scientific journal *Annals of Family Medicine*.

New Treatment Doubles the Progression-Free Survival for Liver Cancer Patients

The multidisciplinary team, formed by experts of the Departments of Oncology, Surgery, and Imaging and Interventional Radiology of the Faculty of Medicine, proved that a new transarterial treatment named 'Ablative Chemoembolization (ACE)' could prolong the progression-free survival of liver cancer patients at the intermediate stage by twice the length of time, compared with 'conventional transarterial chemoembolization'. The new treatment is more effective in killing tumour cells of liver cancer patients, thereby allowing some patients to have tumours removed by surgery after assessment of their liver conditions. The study results have been published in the medical journal *Radiology*.



Global Alumni Advisory Board Holds Inaugural Meeting

The Vice-Chancellor's Global Alumni Advisory Board (GAAB) held its inaugural meeting on 16 April at CUHK. Chaired by CUHK Vice-Chancellor Prof. Rocky S. Tuan, GAAB consists of 12 distinguished alumni from diverse sectors and locales who graduated from CUHK in different years. They are Mr. William Cheung Chuen-hing, Ms. Teresa Wat Kit-bing, Ms. Lam Bun-ching, Mr. Lee Wai-kiung, Mr. Albert Wong Kwai-huen, Mr. Peter Hung Chau-wai, Mr. Gordon Lam Wai-chung, Mr. Ralph Chow Shui-sang, Mr. Steve Lau Siu-ying, Ms. Rizal Kam Ming-ming, Mr. Cheung Leong and Ms. Bonnie Chiu Shun-yu. They put their heads together to discuss major challenges faced by the University, and provided strategic advice and recommendations on how to strengthen its international reputation and utilize resources and networks for the advancement of the University.



Lee Shau Kee Foundation Pledges to Donate HK\$110 Million



Dr. Lee Shau-kee (right), chairman and managing director of Henderson Land Development Co. Ltd, pledged to donate a whopping HK\$110 million through the Lee Shau Kee Foundation to support the general development of CUHK. Vice-Chancellor Prof. Rocky S. Tuan (left) thanked him at the donation ceremony for his longstanding support since the early days of CUHK's establishment which enables the University to keep strengthening its research and teaching.

Joint Centre for Ensuring Environmental Sustainability

CUHK and the University of Exeter launched a new HK\$20 million joint research centre named CUHK–University of Exeter Joint Centre for Environmental Sustainability and Resilience (ENSURE). It aims to embark on large, impactful interdisciplinary collaborations to tackle emerging issues related to a changing environment and human health and wellbeing. Officiating at the launch ceremony on 5 June were Prof. Rocky S. Tuan (2nd right), CUHK Vice-Chancellor, and Prof. Sir Steve Smith (2nd left), Vice-Chancellor and Chief Executive of the University of Exeter.



Joint Laboratory for Bilingualism

CUHK and the University of Cambridge launched the University of Cambridge–Chinese University of Hong Kong Joint Laboratory for Bilingualism in December 2017. The Joint Laboratory provides an international platform to promote and disseminate research in bilingualism across the lifespan from infancy and early childhood to adulthood with a focus on the acquisition of Chinese across linguistically diverse bilingual and multilingual contexts.

Tin Ka Ping Foundation Supports Two Projects

CUHK has received a generous donation of HK\$3 million from the Tin Ka Ping Foundation in celebration of the 100th birthday of Dr. Tin Ka-ping, founder of the Foundation. The donation is used to support the research project '2018 Report Card on Physical Activity for Children and Youth' and I-CARE Achievers Programme.

In appreciation of the Foundation's contributions towards higher education, a sharing session was held on 22 March at CUHK. The session was attended by Prof. Rocky S. Tuan (2nd right), CUHK Vice-Chancellor, Prof. Alvin Leung, Dean of Education, Prof. Joseph J.Y. Sung, co-chairman of the Steering Committee for Promoting Personal Development through Social and Civic Engagement, and Mr. Tin Hing-sin (2nd left), chairman of the Board of Tin Ka Ping Foundation.



Discourse on Artificial Intelligence

The Centre for Innovation and Technology of the Faculty of Engineering held a technology forum titled ‘Artificial Intelligence Over Humans?’ on 18 January, drawing over 500 technology leaders, experts, researchers and government officials to discuss the possibilities and development trends of Artificial Intelligence. It was officiated by Mr. Nicholas W. Yang (4th left), Secretary for Innovation and Technology of the HKSAR Government and Prof. Rocky S. Tuan (3rd left), CUHK Vice-Chancellor, and chaired by Prof. Wong Kam-fai (2nd left), Associate Dean of the Faculty and Director of the Centre.



International Conference on Bilingualism

The International Conference on Bilingualism: Language and Heritage, organized by the University of Cambridge–Chinese University of Hong Kong Joint Laboratory for Bilingualism, was held from 18 to 19 December 2017 at CUHK. The Conference featured bilingualism through the lens of the intricate relationship of language and heritage, in particular, the acquisition of language as a way to preserve and maintain a speaker’s and the community’s heritage and the challenges posed to language learners, researchers and educators. The attendance of researchers and practitioners from Australia, the UK, the US, Singapore and Hong Kong provided an international perspective on issues in nurturing bilingualism in early childhood and heritage bilingualism across diverse contexts.

Harvard Professor on the Evolution of Green Business



Prof. Geoffrey G. Jones, Isidor Straus Professor of Business History at Harvard Business School, was invited as the keynote speaker of the Public Lectures on History and Business in China 2017–18 jointly organized by the Department of History, the Centre for Comparative and Public History and Hong Kong Public Libraries, Leisure and Cultural Services Department. He delivered a lecture on ‘The Evolution of Green Business in a Historical Perspective’ on 1 March at Cho Yiu Conference Hall.

Shedding Light on Smart Building

The Croucher Advanced Study Institute on ‘Smart Building Technology, Management and Fog Computing’, organized by the Institute of Future Cities, was held from 24 to 26 January. The conference offered lectures to researchers, practising professionals and students, providing opportunities for exchange in proprietary networks, fog computing and intelligent computational methods, and the holistic integration for energy management of buildings in smart cities.



Internationalization of Higher Education in Sharp Focus

The Symposium on Internationalization of Student Affairs Issues in Higher Education, organized by the Office of Student Affairs, was held from 25 to 26 January. The event brought together 263 university administrators, university student services personnel, and educational research scholars from 17 countries and regions to exchange ideas in the management of student affairs in the context of the internationalization of higher education.

The Symposium came with two keynote speeches and four seminars. The first keynote speech ‘The Future Trends in Student Affairs and Services Issues at Universities’ was delivered by Prof. Takane Ito, Special Advisor to the President (Internationalization of Undergraduate Education) of the University of Tokyo. The second speech ‘The Core Professional Development of Student Affairs and Services Personnel’ was presented by Prof. Peter Pang, Dean of Students of the National University of Singapore. 📷





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