

CUHK BECOMES

CUHK

The Chinese University of Hong Kong (香港中文大學) that has developed into a leading comprehensive research university in Hong Kong and in Asia since its establishment in 1963

BECOME (v.) /bɪ'kʌm/

- To come to be.
- To come into being or existence.
- To befit; to be proper to or for.
- To look well (i.e. in its place); to be comely or becoming.

(Oxford English Dictionary)

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States of Being

1 in Hong Kong

Reuters Asia Pacific's
Most Innovative Universities

7 in Asia

Times Higher
Education Rankings

5 Worldwide

Times Higher Education
Most International Universities

46 in the world

QS World
University Rankings





Top 50 in the World

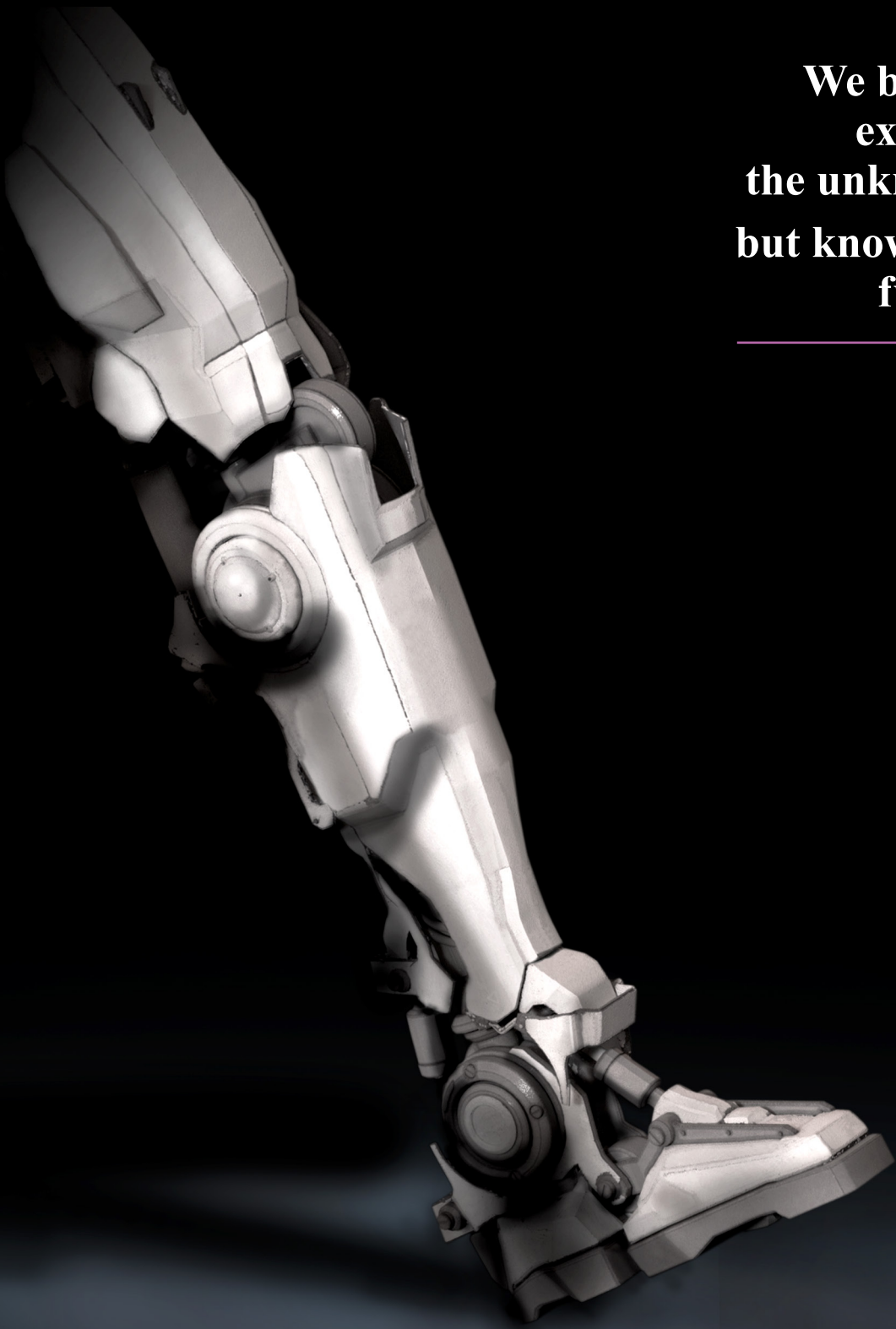
Accounting & Finance
Arts & Humanities
Business & Management Studies
Computer Science & Information Systems
Economics & Econometrics
Education
Law
Medicine
Physical Sciences
Social Sciences
and others

(Figures as at 12 Sept 2019)



WHEN
A
STEP
BECOMES
A
STRIDE

**We boldly
explore
the unknown
but knowable
future**



CUHK researchers' steady steps
have *opened up new grounds in AI and robotics*
that make possible medical innovations
and interventions.



2

1



3

Delivery of Drugs by Nanorobots

Nanorobots are tinier than tiny—around 10,000 would fit on a human hair. Prof. **Zhang Li** engineers them to target illness in the brain and the digestive tract, allowing for easy treatment of parts of the body that are hard to reach. By targeting the medicine more efficiently, it's also possible to lower the dosage of the drug used dramatically.

4

A Strong Arm for the Surgeon

The invention of the da Vinci surgical robot helps surgeons perform minimally invasive procedures with smaller, fewer cuts and faster patient recoveries. One of the robotic system's inventors, Prof. **Samuel Au**, is teaching at the **Department of Mechanical and Automation Engineering** while pushing forward new robotic projects.

Giving AI Mouths and Ears

An expert in artificial intelligence as well as in speech and language technologies, Prof. **Helen Meng** of the **Department of Systems Engineering and Engineering Management** develops Cantonese intelligent speech systems for patients with strokes and cerebral palsy to facilitate their reintegration into society.

5

An Eagle Eye for Smart Diagnosis

The human eye has often been considered one of the most intricate, irreplicable biological models. That assumption ends at CUHK with the advent of an AI diagnostic system for automated medical image analysis, which is developed by the research team led by Prof. **Heng Pheng-Ann** of the **Department of Computer Science and Engineering**.

Thumbs-up for Autistic Children

Most people gesture when they talk, and babies communicate through gestures well before they use speech. But this is not the case with autistic children. Prof. **Catherine So** of the **Department of Educational Psychology** uses robots to train autistic children to recognize gestures, imitate the robots' movements and finally use gestures in social situations.



WHEN
A
SPARK
BECOMES
A
STAR



**When
we radiate
our energy,
the universe is
the limit**

The *innovative and entrepreneurial atmosphere* at CUHK has gifted our scientists and students with stellar achievements and elevated some to *unicorn status*.

What's Bred in the Bone

Vice-Chancellor Prof. **Rocky S. Tuan** engineers the first 'microJoint', a 3D replica of the human joint, which is used to study and screen for potential therapeutic agents for osteoarthritis.



Timely Intelligence

Prof. **Sean Tang Xiaou** of the **Department of Information Engineering** co-founds SenseTime, the world's most valuable AI startup that specializes in computer vision and deep learning technologies.



Fostering Future Founders

The campus-wide **Minor Programme in Entrepreneurship and Innovation (EPIN)** taught by various Faculties and departments instils the spirit of innovation in students across disciplines.





44%

CUHK Entrepreneurs
Started their Business
at Age 20-29

100⁺



Research Institutes &
Joint Research Units



From Science to Unicorns

Prof. **Dennis Lo** of the **Department of Chemical Pathology** pioneers non-invasive DNA blood tests for Down syndrome that are benefiting millions of pregnant women in the world. The biotech companies he co-founded are among the first unicorns in Hong Kong.



Supporting Would-be Entrepreneurs

The **Pre-Incubation Centre (Pi Centre)** offers up to one year of workspace, facilities and mentoring services to teams of students starting companies that implement innovative business models.



Off to a Promising Start

While still a third-year student at the **Department of Information Engineering**, **Eric Kuo** already kick-started his own business, R-Guardian, which has an estimated valuation of over HK\$100 million.



WHEN
A
HOUSE
BECOMES
A
MANSION



**A pioneer
and paragon of
whole-person
education**

*Our campus is not only home
to a great variety of flora and fauna
but also a breeding ground for young minds with
its pastoral care and humanistic orientation.*



Urban Oasis

The spacious 137.3-hectare campus of CUHK is home to not only its students and staff but also a myriad of trees, flowers, shrubs, butterflies, birds and other living creatures, including rare and precious species.



Congenial Communities

Leaving home for CUHK is easier knowing there is hospitality and community waiting at the nine Colleges. In these small communities, you will enjoy close interaction with your teachers and grow with your peers.



In Dialogue with Humanity

General education, a key component of undergraduate studies at CUHK, is built upon a balanced approach to whole-person education that combines Chinese humanistic ideals and western liberal arts contents.



All-round Care

CUHK's I-CARE Programme inspires students to examine the meaning of life and nurture their passion in serving the society by holding heavyweight lectures, initiating social service projects and organizing cultural fairs.



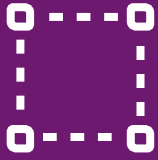
A Closer Look at Chinese Aesthetics

Traditional operatic performances take place on campus from time to time, offering chances for students and staff to appreciate different genres of Chinese opera and the beauty of traditional art forms.



Alive and Kicking

Physical fitness goes hand in hand with studies and character development. CUHK encourages sports among students by offering staunch support to student athletes and fostering an athletic atmosphere on campus.



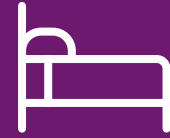
137.3

hectares
Campus Area



168

Buildings
on campus



9,000⁺

Hostel
Places



30⁺

Restaurants



9

Colleges



10

Fitness Rooms



70⁺

Undergraduate
Programmes offered



8

Academic
Faculties



Scan and
fly over CUHK

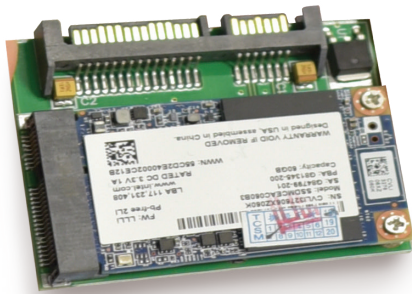


WHEN
FEATHER
BECOMES
STEEL



**We turn
knowledge into
real-world
applications**

Ideas and passions do not just remain ideas and passions but get transformed into doables and tangibles that benefit the society at large.



Special Delivery in a Smart City

Prof. **Raymond Yeung** of the **Department of Information Engineering** develops **BATS**—a revolutionary network-coding technology—for efficient data transmission that allows for better city planning and improves people’s quality of life.



Mushroom Impossible

Mushroom X co-founded by Prof. **Kwan Hoi-shan** of the **School of Life Sciences** is developing high-quality edible mushrooms and also turning mushrooms into biomaterials including biodegradable bricks, clothes and packaging.



Bean for the Future

Prof. **Lam Hon-ming** of the **School of Life Sciences** has enhanced the genetic make-up of soybeans to make them salt-tolerant, which has greatly alleviated soil salinization, a major problem in today’s world food supply.



Mending Broken Hearts

Prof. **Kenneth Lee** of the **School of Biomedical Sciences** formed the **Stapworks Stem Cell Ltd** to commercialize his pioneering work of manufacturing human tissue from stem cells, which could be used to repair damage to the heart and the liver.



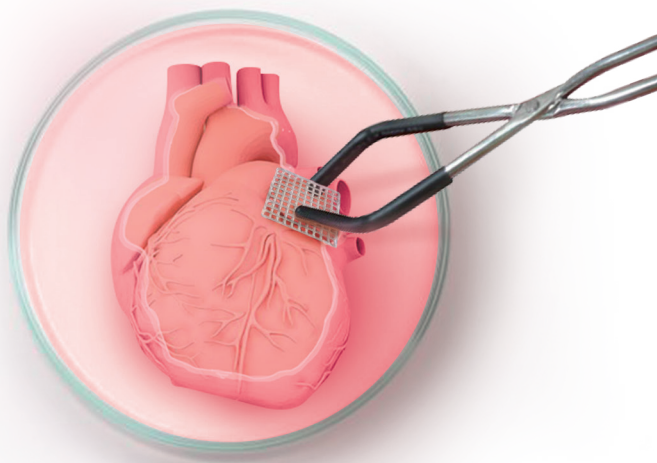
Breaking the Silence

Prof. **Gladys Tang** of the **Department of Linguistics and Modern Languages** set up **SLCO Community Resources** to enhance deaf children's language and academic skills, as well as to nurture sign bilingual hearing children with an inclusive attitude.



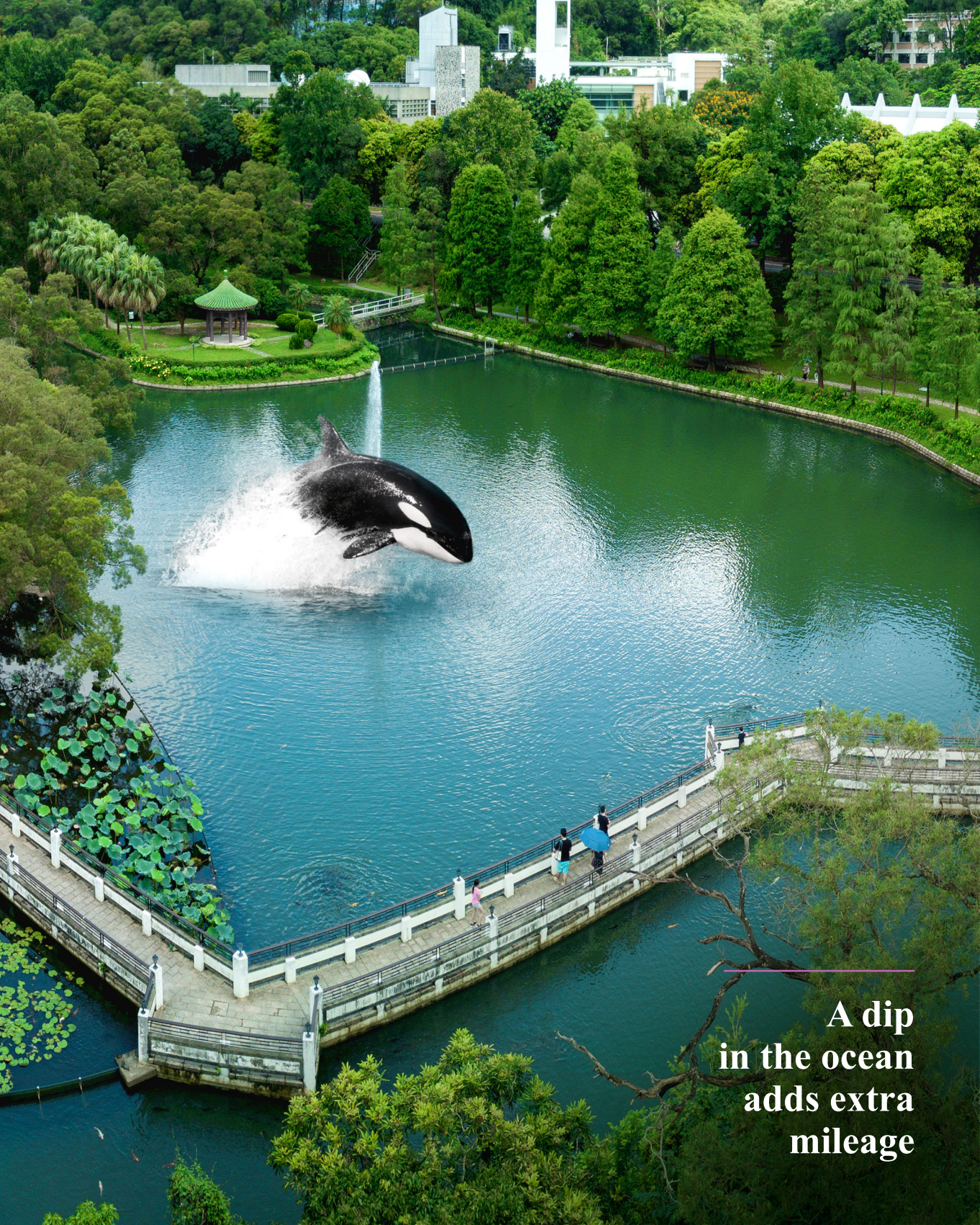
AI-powered Parenting

Information Engineering students **Bosco Yam, Peter So** and **Ray Chiu** formed a start-up team and developed **BBGuide**, a baby-care mobile app that uses artificial intelligence and collaborates with paediatric experts to help new parents solve daily problems.





WHEN
FISH
BECOME
WHALE



**A dip
in the ocean
adds extra
mileage**

*Abundant opportunities fashion our graduates
into useful members of society and
highly regarded leaders in trades and professions.*



Into the Unknown

CUHK provides many opportunities for students to study abroad at hundreds of world-class institutions across over 30 countries and regions. Every year, more than 6,000 opportunities are offered to students to go on exchange to immerse themselves in foreign cultures, enjoy new learning experiences and meet new friends from various backgrounds.

Going an Extra Mile

Every summer, hundreds of student interns were placed in over 40 countries under the **Global Internship Programme** to acquire hands-on experiences in various environments conducive to their personal growth and career development. Some of the experiences include working as a digital marketer in Tokyo, covering news in New York, and engaging in marine protection in Mauritius.

Sports Scholars

CUHK has long put emphasis on sports activities and students' all-round development. Athletes admitted to CUHK would enjoy immense flexibility in their studies and have the University's full support. In 2018, 37 students and alumni participated in the Asian Games held in Jakarta and Palembang in Indonesia and brought home a record high of 12 medals.

Number of students participating in **Outgoing Exchange**

7,606



Number of **Exchange Partners**

280



Learning through Serving

Students are encouraged to take up pro bono services, from which their own lives are in turn enriched. They have impacted communities far beyond the confines of campus, bringing positive changes to different parts of the world, such as building bridges for rural areas of mainland China, teaching English in Tanzania and providing medical services in Nepal.



The World's Your Stage

Competitions play an important role in motivating students to perform and excel and offer a lot more reward than just the winning prize. Participants get to gain substantial experience, showcase skills and uncover personal aptitude. Throughout the year CUHK students can be found solving business strategy cases in Europe, battling their way through rounds of English speaking contest in Asia, or pitching entrepreneurial ideas in the US.



Earning Eye-opening Experience

Every year, the **HSBC Overseas Scholarship Scheme** grants scholarships for local students to spend an academic term or a year at universities across the world. Hannel Chow, a psychology student who also excels in music and sports, was awarded a scholarship of HK\$160,000 from the Scheme to study at UCLA.



Giving Students a Leg-up

The **Hong Kong Jockey Club Scholarships** identify and give recognition to outstanding local and mainland students who demonstrate leadership, excel academically, possess good character and dedicate themselves to community services. A total of 64 CUHK students have been awarded over the years and named 'JC Scholars'.

650⁺ Worldwide Internships per year



Scholarships in total **US\$20M⁺**



Total number of
Alumni

200,000+



Number of
Alumni Associations

130

Legal Eagle with a Heart for the Community

Wearing two professional hats as a solicitor and a mediator, **Mac Chan**, a CUHK law alumnus, is also involved in a broad range of public duties, from serving on the Equal Opportunities Commission to being a member of the Hong Kong Housing Authority's Subsidized Housing Committee. In 2015 he was honoured among the 'Top 10 Outstanding Youths' and 'Star of the Stars'.



A Journalist- Turned-Actress

A household name as a popular TVB news anchor in the 1990s, **Jo Ngai** attracted loyal followings among local audience with her polished and presentable image. In her current capacity as executive director of the theatre troupe The Nonsensemakers, she continues to win applause from audiences. Her training in **journalism**, her initiation into drama and the founding of her theatre troupe can all be traced back to her undergraduate years at CUHK.





Setting Sail in the Tech Blue Ocean

Cindy Chow, a graduate of CUHK's **Faculty of Business Administration**, became the Executive Director of Jack Ma's Alibaba Hong Kong Entrepreneurs Fund and has invested over US\$30 million in 17 startup projects, covering the Internet of Things, Fintech, e-commerce, clean energy, sharing economy and digital health care.



A Champion of Chinese Medicine

Fascinated with the idea that diseases can be treated before they arise, **Audrey Chan** got into CUHK's **School of Chinese Medicine**. Since 2016, she has been operating her own clinic of traditional Chinese medicine. Her detailed explanations help secure trust and compliance from her patients. She believes winning the trust of a patient brings about a speedier recovery, and a trusting patient can be an agent of change by influencing his or her family and friends to seek medical attention before a disease arises.



WHEN YOU

BECOME US



Prospective students, from near and far, who are interested in the University's full-time undergraduate programmes, can obtain more details from the Office of Admissions and Financial Aid at

<http://admission.cuhk.edu.hk/>

Campus Map








◀ Online Map



Legend



Find Us

-  admission.cuhk.edu.hk
-  [cuhkofficial](#)
-  [cuhkofficial](#)
-  [cuhk](#)
-  [CUHK Channel](#)

CUHK Mobile App



Being and Becoming are two sides of education. Being is a state of acquisition and attainment, the end to learning. Becoming is the process of getting to that state of learnedness by ceaselessly evolving and emulating. Becoming also describes how congruous the teaching and the taught are, as in CUHK becomes you and you become CUHK. Be one of us. Become we better and better.



This brochure was compiled by the Information Services Office,
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