

LOOKING BEYOND

VISION

The University of Hong Kong,
Asia's Global University, delivers impact
through internationalisation, innovation and
interdisciplinarity. It attracts and nurtures global
scholars through excellence in research, teaching
and learning, and knowledge exchange. It makes
a positive social contribution through global
presence, regional significance and
engagement with the rest of China.

MISSION

The University of Hong Kong will endeavour:

- To advance constantly the bounds of scholarship, building upon its proud traditions and strengths
- To provide a comprehensive education, benchmarked against the highest international standards, designed to develop fully the intellectual and personal strengths of its students, while extending lifelong learning opportunities for the community
- To produce graduates of distinction committed to academic / professional excellence, critical intellectual inquiry and lifelong learning, who are communicative and innovative, ethically and culturally aware, and capable of tackling the unfamiliar with confidence
- To develop a collegial, flexible, pluralistic and supportive intellectual environment that inspires and attracts, retains and nurtures scholars, students and staff of the highest calibre in a culture that fosters creativity, learning and freedom of thought, enquiry and expression
- To provide a safe, healthy and sustainable workplace to support and advance teaching, learning and research at the University
- To engage in innovative, high-impact and leading-edge research within and across disciplines
- ► To be fully accountable for the effective management of public and private resources bestowed upon the institution and act in partnership with the community over the generation, dissemination and application of knowledge
- ➤ To serve as a focal point of intellectual and academic endeavour in Hong Kong, China and Asia and act as a gateway and forum for scholarship with the rest of the world

CONTENTS

02	•	MESSAGE FROM THE PRESIDENT AND VICE-CHANCELLOR
		THE FUTURE WE WANT

- 06 ► HIGHLIGHTS OF THE YEAR
- 12 ► THE UNIVERSITY'S DEVELOPMENT PLAN
- 14 ► TEACHING AND LEARNING
 INSPIRING BEYOND
 BOUNDARIES
- 26 ► RESEARCH AND INNOVATION

 INNOVATING BEYOND

 DISCIPLINES
- 40 ► TECHNOLOGY TRANSFER AND KNOWLEDGE EXCHANGE

 IMPACTING BEYOND ACADEMIA
- 52 ► THE UNIVERSITY PROFILE
- 61 ► AN EXTRACT FROM THE UNIVERSITY'S ANNUAL ACCOUNTS 2021-22
- 64 ► OFFICERS OF THE UNIVERSITY
- 66 ► THE COURT



An international city starts with a global university.

The year 2022 began with the fifth wave of the current pandemic as classrooms, workplaces, and businesses closed their doors, and once again tested our resolve as a city and community. Now, as Hong Kong writes its comeback story, we are reconnecting with the world, hosting global events, and finding our place in a rapidly changing world.

As we have for over a century, the University of Hong Kong is part of this movement, both as a reflection of these shifting trends and as a leader that is driving hope, peace, and progress. Throughout HKU's history, our people have responded to the needs of their times. Today, we have a chance to serve and lead again. I am grateful to all members of the HKU family, especially those who have worked on the frontlines to protect and enhance our lives. My deep thanks to each and every one of you.

Above all else, this has been a year for active legacy-building. Our faculty, staff, and students honoured HKU's 111th

Anniversary, a celebration that continues into 2023, by working on the future we want for our children and grandchildren.

A spectacular illumination on Foundation Day that bathed our historic buildings in a dynamic sea of light was followed in the summer with the groundbreaking of Tech Landmark, a complex of institutes that positions us on the forefront of future breakthrough discoveries.

More importantly, Tech Landmark ignites a roadmap of special projects that secures our capacity to resolve global challenges and deliver for social good. Already, we have established the D. H. Chen College, a student residential space that draws on the values and philosophy of Buddhist beliefs, and coming up we will unveil the Pokfield Campus, among many other initiatives you can read about in this annual report.

Indeed, it has been a personal joy for me to welcome back local and non-local students to the HKU campus after lengthy pandemic restrictions. Nothing can replace the value of collaboration that human emotions and interactions bring. In that same spirit, I believe it is critical for exchange programmes to return to a state of vibrancy because HKU officially the world's most international university - has always been committed to drawing the best students from afar, while offering local students the chance to broaden and be exposed to international horizons. With that in mind, we are actively moving forward with an expanded array of learning modes, using the knowledge we gained during the pandemic on how technology can help bridge gaps in education

Throughout HKU's history, our people have responded to the needs of their times. Today, we have a chance to serve and lead again.



At the Community Vaccination Centre in the historic Loke Yew Hall.

We stand on the precipice of meaningful change and now is the time to climb up the mountain, look bravely beyond and advance boldly in front. The international research landscape has transformed and HKU will adopt a big vision approach. As a world-leading university, HKU shall aim high to respond effectively in a global landscape that is being re-shaped by sustainability goals, environmental emergencies, and geopolitical concerns. We are helping our community navigate these complexities as they emerge, while working to nurture innovation. HKU is in position to lead and support Hong Kong, with partnerships across the border including the Greater Bay Area very much geared towards these ambitions.

In the long term, our aim is to cut across sectors. For example, our growth plans include biotechnology and life-related technology, where science, engineering, medicine, and dentistry can make initially large contributions: using robotic engineering and artificial intelligence to achieve healthy populations, and looking deeper into the role of biomedical engineering as a cross-point for health and medicine. We are also exploring our leadership in research and expertise in areas such as climate, built environments, and Environmental, Social and Governance (ESG) to propel Hong Kong towards a sustainable future while applying innovation to the arts, humanities, and social sciences.

Of course, our greatest assets are our people. I continue to commit to bringing the finest global talent to HKU, who accelerate a culture and mindset where everyone thrives and achieves. We have already welcomed scholars and students from top international universities.

On my part, that also means providing a level of environment where these talents are not only drawn to HKU, but are willing and happy to stay in our community. This task is made harder in a pandemic where family and other personal commitments understandably take priority, but we are sensitive to individual needs and will find a way through together.

The global battle for talent is fiercer than ever. The most resilient economies are those which establish a clear lead in talent development. Talent is the key to innovation and competitiveness and the University no doubt is the major source of that. In the post-pandemic world, it is not the most intelligent that will survive, but the ones that are the most adaptable. HKU is leading the change to achieve academic excellence and in grooming talents not only for the city, but also for the country and the world.

HKU is proof that there are no limits on our possibilities. Yes, the world is deeply divided, and inward thinking has diminished trust and openness. But here in Hong Kong, we have come a long way not only in these few years, but over the 111 years our University has served humanity. Once again, we stand on the precipice of meaningful change and now is the time to climb up the mountain, look bravely beyond - and advance boldly in front.

Wang Anshi (王安石), the Chinese poet, philosopher and politician during the Song dynasty, once said, "We have no fear of the floating clouds that block our vision, as we are already on the summit (不畏浮雲遮望眼,只緣身在最高層)."

Professor Xiang Zhang President and Vice-Chancellor

December 2022

LEADERSHIP



President and Vice-Chancellor



Deputy Vice-Chancellor



Vice-President and Pro-Vice-Chancellor (Academic Development)



Vice-President and Pro-Vice-Chancellor (Teaching and Learning)



Vice-President and Pro-Vice-Chancellor (Research)



Chief of Staff

HIGHLIGHTS OF THE YEAR

HKU'S **111**TH ANNIVERSARY



HIGHLIGHTS OF THE YEAR



An HKU '111uminate' DJ party was held at the Centennial Garden on September 23 to premiere an art installation created to mark the University's 111th Anniversary. The party was the first oncampus get-together for HKU students and staff since the resumption of faceto-face teaching.

President and Vice-Chancellor Professor Xiang Zhang officiated at the lighting ceremony to kick off the party and shared a fun-filled evening with over 100 HKU students and staff.

One student said: "I think it was really successful tonight, something like this is needed in the community because it brings every student from HKU together. I think it is really important because it makes me feel more connected to the University and to the community in general."

Under a backdrop of light art projections, guest performers included Mosaic A Cappella, M. Danso, St John's College Dancing Team and Band, Astréas, Hong Kong Institute of Rope Skipping, and DJ RYANSEE. To spice up the evening, all party-goers were gifted limitededition NFTs (non-fungible tokens).

HKU 111UMINATE









BREAKING GROUND AT TECH LANDMARK







The University held a 111th Anniversary
Celebration-cum-Tech Landmark
groundbreaking ceremony, officiated by
Chief Executive of the HKSAR and HKU
Chancellor Mr John Lee, on July 23.



The Tech Landmark, targeted to be completed in 2024, will host institutes dedicated to strategic research with a strong focus on interdisciplinary studies, such as artificial intelligence, big data, smart materials, quantum science and biomedical engineering. It is set to become a hub for innovative thinking, learning, teaching, research and entrepreneurship. The Tech Landmark is not only a new milestone for the development of HKU as the University enters its second century, but it is also a prelude to a series of ambitious projects combining humanities with world-class innovation and technology.





The Tech Landmark project is a strategic move for the University to respond to the national 14th Five-Year Plan, to promote the development of innovation and technology in Hong Kong, and to establish Hong Kong as an international innovation and technology centre. HKU will contribute to the country's scientific and technological development by providing excellence in education, research and talent cultivation.

HKU JABS FOR SOCIETY'S MOST VULNERABLE





During the Second World War, the Main Building's Loke Yew Hall served as a hospital for soldiers and citizens. On February 23 this year, at the height of the fifth wave of the pandemic in Hong Kong, Loke Yew Hall was once again called into service, becoming a Community Vaccination Centre, with the ability of providing 2,000 BioNTech vaccine doses daily to citizens aged 12 or above, and priority was given to senior citizens. Reservations for vaccination could be made via the government's COVID-19 vaccination booking system. The Centre was staffed by a team of volunteer doctors from HKU, and retired doctors and nurses,

and operated until May 22.

MORE MILESTONES, MORE CELEBRATIONS

HKUMED 135TH ANNIVERSARY



Founded as the Hong Kong College of Medicine for Chinese in 1887, the Li Ka Shing Faculty of Medicine now stands in the top 15 medical schools globally. As it reflects on its distinguished history of serving Hong Kong's changing healthcare needs over the past 135 years, the Faculty is also launching ambitious goals for the future.



DENTISTRY 40TH ANNIVERSARY

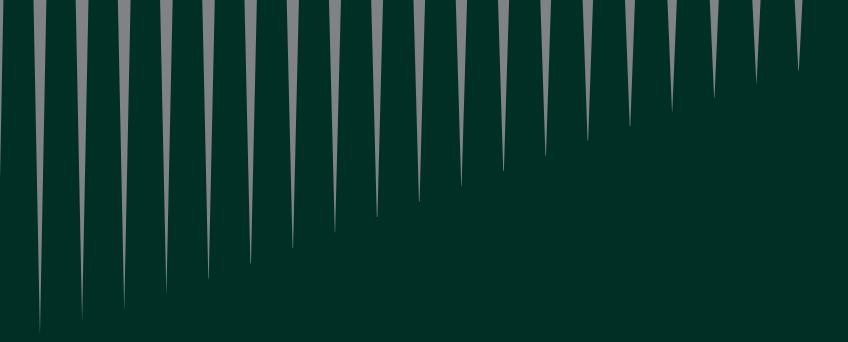
The Faculty of Dentistry was established in 1982 as the first and only dental school in Hong Kong. In less than four decades, it has risen from humble beginnings to become one of the premier dental institutions globally. It was ranked the number one dental school in the world in the QS World University Rankings by Subject from 2016 to 2018 and remains ranked among the top 1% of dental schools in the world today.

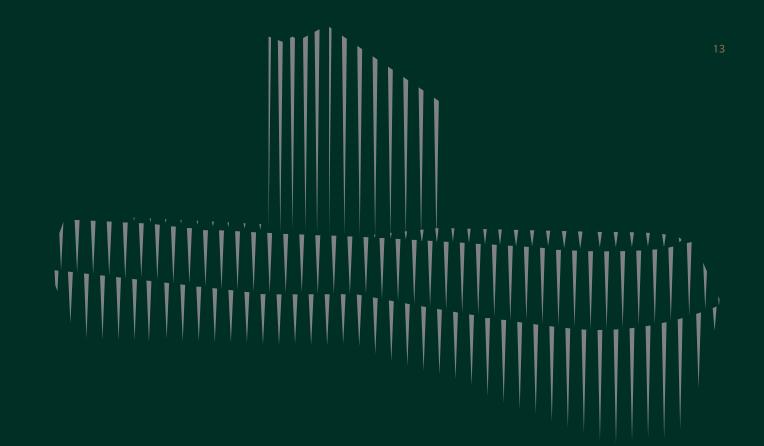


HKU LIBRARIES' TWO ANNIVERSARIES



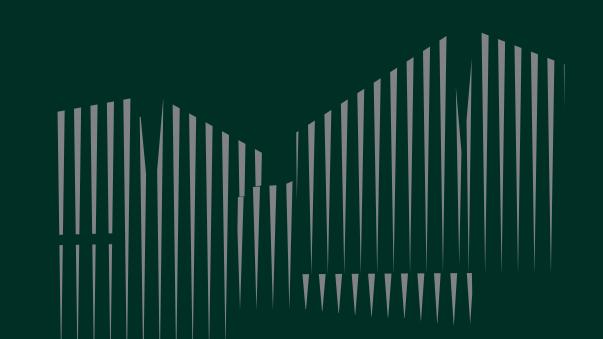
The HKU Libraries is celebrating the 110th anniversary of the Main Library and the 90th anniversary of the Fung Ping Shan Library with the theme 'Engaging the Past, with the Future, for the Future, TOGETHER'. HKU's original library facilities were first established in the Main Building in 1912, and the Fung Ping Shan Library was established in 1932 as the University's Chinese library.

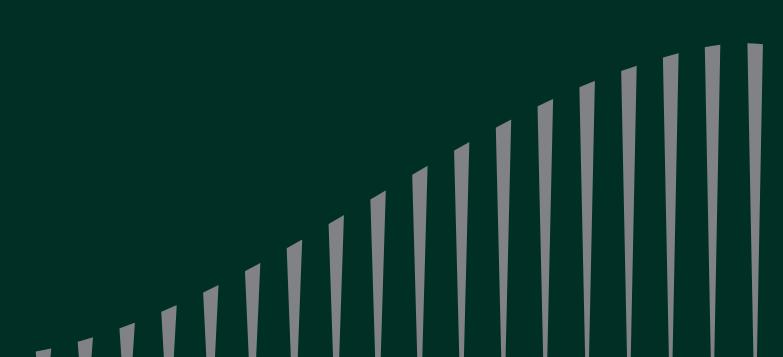




THE UNIVERSITY'S

DEVELOPMENT PLAN





THE UNIVERSITY'S DEVELOPMENT PLAN

To ensure that HKU stays on the frontlines of knowledge, while moving to new frontiers of discovery, the University has set in motion a state-of-the-art development roadmap.

Already, our future is being shaped by the Lee Shau Kee Institute of the Mind and the Musketeers Foundation Institute of Data Science. We are broadening our expertise and shared understanding on the problems and opportunities of tomorrow's world –

from ageing to carbon neutrality, smart cities to quantum science and more.
The University's development plan will nurture innovation and knowledge creation to address the challenges humanity faces and generate sustained, meaningful impact in Hong Kong, the Mainland and the world.

ACADEMIC BUILDING, NO. 3 SASSOON ROAD

MORE SPACE TO CREATE
ONE CONTIGUOUS
CUTTING-EDGE MEDICAL
CAMPUS

Home to the School of Chinese Medicine and the School of Nursing: transforming Sassoon Road premises into one state-ofthe-science Medical Campus



STUDENT RESIDENCE AT WONG CHUK HANG

WHERE OUR STUDENTS
CAN LIVE AND LEARN
TOGETHER HOLISTICALLY

One of the pilot projects adopting innovative modular integrated construction technology in Hong Kong and providing 1,224 student places



HIGH WEST DEVELOPMENT

EMPHASISING CARE AND WELL-BEING FOR OUR STAFF

Providing accommodation for 938 students and 266 flats for senior staff, with parking and recreational facilities

TECH LANDMARK



ACCELERATING THE UNIVERSITY'S ABILITY TO ACHIEVE HUMAN BREAKTHROUGHS

Dedicated to cross-sector frontier research and technology that will create positive global impact



POKFIELD CAMPUS

UNIFYING EDUCATION, CULTURE AND SPORTS

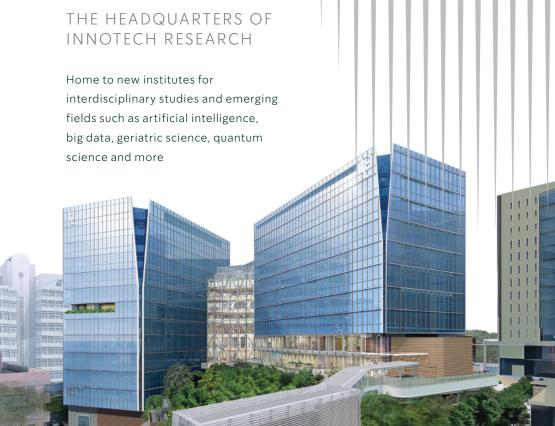
A leading-edge campus hub to host the HKU Business School, a university guest house, a premium residential complex as well as upgraded and expanded sports facilities

HKU-SHENZHEN CAMPUS

A VISIONARY NEW
CAMPUS IN NANSHAN
AND A SPRINGBOARD
FOR THE FUTURE IN THE
GREATER BAY AREA

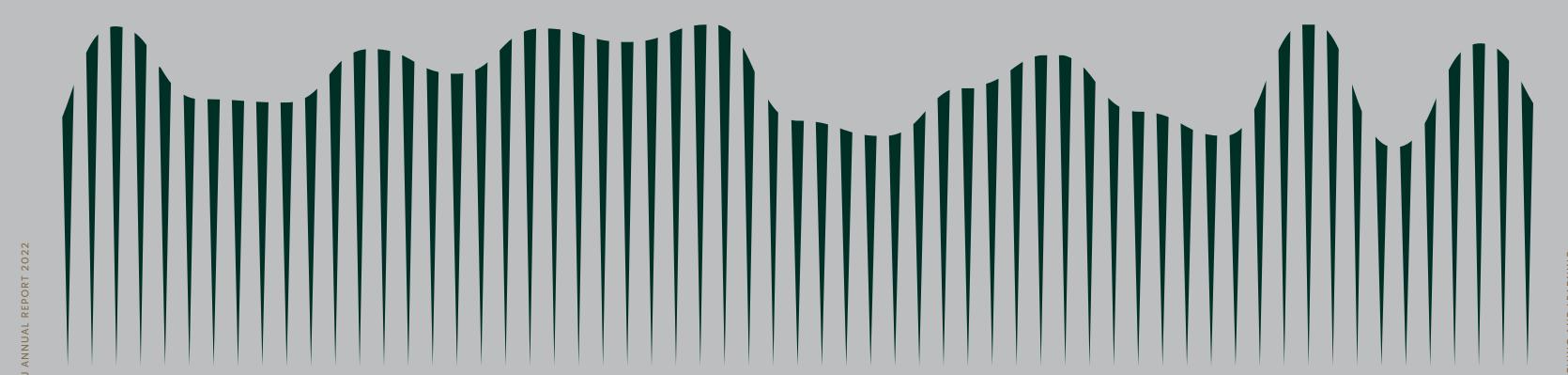
A state-of-the-art campus in Nanshan, Shenzhen focussing on research, teaching and learning and knowledge exchange





TEACHING AND LEARNING

INSPIRING FYOND BOUNDARIFS



Resilience and forward-thinking marked the University's teaching and learning in the 2021–22 academic year, when we made progress in advancing and modernising our curriculum while coping efficiently with the ongoing challenges posed by COVID–19. Our guide has been the HKU Undergraduate Teaching and Learning Strategy 2021–28, which lays out a framework for innovating teaching and maximising students' potential.



The 3rd HKU Teaching and Learning Festival 2022 celebrated the achievements of teaching innovation and development that positively impact student learning.

TEACHING INNOVATION

HKU's teachers have been embracing new technologies to ensure students can continue to learn whatever the circumstances and to explore new ground, both in terms of how content is taught and the content itself.

Simulations, virtual reality and 3D cameras are being used in disciplines as diverse as archaeology and nursing. To support teachers, the University runs a biannual Teaching and Learning Festival featuring workshops and sharing sessions and it has opened

the new Learning Lab, a unique hybrid classroom that offers professional development for teachers and a model for bridging the divide between online and in-person students. We have also formalised our university teacher professional learning programme into the HKU Postgraduate Certificate in Academic Practice, a portable qualification for teachers who complete our general training programmes that will be launched in 2023.



PROGRAMME INNOVATION

Digital capabilities have become more important than ever in society. To meet that demand, we launched several new programmes in 2022–23 that emphasise digital literacy and the ability to work with big data and artificial intelligence. These include the Bachelor of Engineering in Data Science and Engineering, Bachelor of Arts in Humanities and Digital Technologies, Bachelor of Science in Bioinformatics, Bachelor of Business Administration in Business Analytics, and Bachelor of Science in Marketing Analytics and Technology. In a similar vein, the double degree Bachelor of Science and Bachelor of Laws prepares students to deal with legal issues related to STEM. Another new programme, Bachelor of Psychology, addresses the growing demand for mental health professionals. Meanwhile, tech components have been applied to the student services provided by the Centre of Development and Resources for Students, which offers online counselling and psychological support to students with needs, as well as a CV-checker and AI-based mock job interviews that give students feedback on their performance.

STUDENT INNOVATION

Enterprising students have a growing array of opportunities to develop their ideas and get an early start in innovation and entrepreneurship. iDendron (see Technology Transfer and Knowledge Exchange chapter) has offered funding and entrepreneurial training to students for several years, while the Tam Wing Fan Innovation



Innovation Wing.



The Tam Wing Fan Innovation Wing Two was officially opened in December 2021. The Innovation Wing One and Two and the Innovation Academy together form an integrated hub for innovation, exploration, outreach and collaboration.

Our graduates' ability to develop innovative solutions for societal challenges will depend on flexible, agile thinking. The University aims to advance this capability by systematically integrating undergraduate research into the curriculum for all students, which will deepen their knowledge and learning capabilities. Interdisciplinarity is also being advanced through the new Elite Capstone Programme that brings together students from at least three different faculties to develop innovative solutions to real-world problems. The Common Core, which celebrated its 10th anniversary in 2022, has been a pathbreaker in undergraduate research and interdisciplinarity and it will also support our coming Future Readiness programme to ensure HKU students have the skills and mindsets to be leaders in the future workforce.

- ► Sports talents join the HKU family via the Top Athletes Direct Admission Scheme.
- ▼ The University has returned to face-toface teaching for all programmes in the 2022-23 academic year.





Students from across different faculties attending a workshop, jointly organised by the Common Core and Arup, for a transdisciplinary research project to study the design of open spaces across Hong Kong





STUDENTS CHOOSE HKU

It is truly wonderful to have students back on campus at the start of the 2022-23 academic year, following the lifting of pandemic restrictions in Hong Kong. HKU prides itself as an attractive destination for top students from around the world. In 2022, 121 top scorers came to HKU from Hong Kong, the Mainland and overseas and our new students also had the highest average admission score in the HKDSE.

The future outlook for HKU graduates looks very rosy, even given the backdrop of geopolitical events and pandemics. HKU and Hong Kong in general are set to see a big expansion in opportunities through our deepening engagement with the Greater Bay Area. We are committed to preparing our students to lead the way in capitalising on these opportunities and building new bridges to the region and the rest of the world.

HKU prides itself as an attractive destination for top students from around the world.



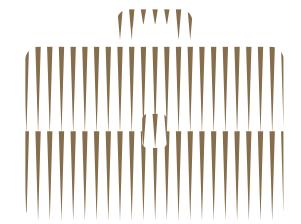
top scorers

including 52 students who studied in Hong Kong and 69 from the Mainland and overseas admitted to HKU in the 2022 intake.

countries / regions

Students came from countries as diverse as Armenia, Brazil, Czech Republic, Ethiopia, France, Germany, Hungary, Ireland and Kazakhstan.





98.7%

employment

Almost all graduates from 2021 were engaged in employment or pursuing further studies (21.4%) by the end of the year. This was the 16th consecutive year of full-time employment for HKU graduates.

CCOC TACABLIAN A LIN

THINKING OUTSIDE THE BOX

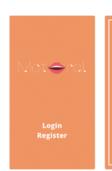
Students are encouraged to apply new technology to find solutions, whatever their discipline, and to pursue research to deepen their knowledge and understanding.

EDUCATION STUDENTS WIN TECH CONTEST

A team led by two Faculty of Education students won the 2022 Pitching Contest for Engineering Undergraduates and InnoHub members organised by the Faculty of Engineering's Innovation Academy, underscoring the growing interdisciplinarity of tech innovation at HKU.

The crossover project, MotOral, is a mobile application targeting swallowing disorders among older adults. The app helps speech therapists provide prevention measures for at-risk patients, such as exercises to strengthen oral motor muscles, face-tracking technologies to monitor muscle movement, and visual feedback.

The project was led by Lesley Lee Hoi In and Rachel Yue Hang Chi, both Year 4 students in the Bachelor of Science









MotOral is a mobile application that assists speech therapists in providing preventive measures of swallowing disorders for at-risk older adults.

in Speech-Language Pathology. Rachel was already a member of InnoHub – a platform where students from all 10 faculties can collaborate on new innovations – when the two friends decided to test their ideas in the Pitching Contest. They also sought input from friends in engineering, business and law to gain perspectives from outside speech-language pathology on how to improve their app, but the leadership – and pitching – were down to the efforts of Lesley and Rachel.

"This was our first-ever pitching contest and we were nervous and practised more than 30 times to ensure our pitch went smoothly. We were so excited and surprised to win the contest even though we were not engineering students," they said. The pair received a HK\$1,200 cash prize and also won the Best Presenters Award.

They are now eligible to apply for funding from the Tam Wing Fan Innovation Fund and Philomathia Foundation Innovation Fund to develop their project further. "We are continuously making modifications and seeking funding to improve MotOral's functions. This kind of support is important for turning student ideas into a self-sustaining business," they said.



Lesley (left) and Rachel (centre) showcasing MotOral in the Engineering Inno Show.

UNDERGRADUATE RESEARCH SHOWS RESULTS

The University is in the process of integrating research more systematically into the undergraduate curriculum. In the meantime, individual students and teachers are demonstrating the value of this goal.

Dr Gilad Feldman of the Department of Psychology requires all his students not just star pupils - to produce research that contributes to academia. From 2018 to 2022, they conducted 80 replications and extensions of classic findings in social psychology and judgment and decision-making, which are important to uphold the credibility of the original findings. So far 28 have been published in academic journals. While the students have learned about the rigours of research, Dr Feldman has also gained insights. "My work with students has informed my understanding of open science. I encouraged them to challenge me to do better and they have motivated me to re-examine all that I've learned in my academic training," he said.

Undergraduate research can also send students in pursuit of research careers.

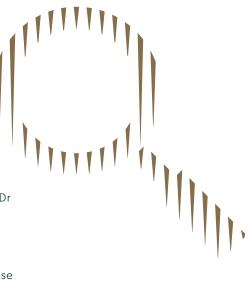
Lam Suet Ying graduated in 2022 with a Bachelor of Arts double major in linguistics and computer science and



Dr Heeju Hwang and Bachelor of Arts student Lam Suet Ying (on screen) have meetings and perform research studies online due to the COVID-19 pandemic.

moved directly into a PhD programme at the University of Massachusetts
Amherst. She earlier collaborated on several research studies with Dr Heeju Hwang in the Department of Linguistics, including a transdisciplinary study on pronoun production in Mandarin Chinese that was published in Cognitive Science this year with Suet Ying as the lead author. The study was funded by the Common Core Transdisciplinary Undergraduate Research Fund.

"I wanted to learn what doing research is like so I could decide whether I wanted to pursue further study in this field and I found myself really enjoying it. This drove me to apply for PhD programmes," she said. Dr Hwang said Suet Ying had contributed to knowledge about general theories of referential communications across languages. "This kind of research can raise students' awareness about linguistic and cultural diversity and help foster an inclusive environment," she said.





The CETL Learning Lab was launched in May 2022 to support innovation, including addressing the post–pandemic demand for synchronous hybrid learning.

Learn more about the CETL Learning Lab



EXPERIMENTS IN LEARNING

A promising new model for hybrid learning has been developed at HKU, while several of our teachers were honoured for bringing innovative approaches into their classrooms.

MAKING HYBRID LEARNING WORK

One of the biggest challenges teachers have faced during the pandemic is how to make hybrid learning work – those sessions when in–person and online students attend class at the same time. Professor Susan Bridges and her colleagues at the Centre for the Enhancement of Teaching and Learning have examined the problem from all angles to produce a model that is attracting global attention and

is on display at the Learning Lab, a new professional development space where teachers can experiment with the future of learning.

"We were given a brief two years ago to predict what classes would look like when face-to-face learning resumed and to draw out the best lessons from arrangements during COVID-19. Hybrid was the hardest to crack but

we have designed this space ourselves and patented the Hybrid Learning Mobile Desk Console in the HKSAR and Mainland China, and we believe it can achieve our learning goals. This is the most advanced hybrid teaching space on campus," said Professor Bridges.

The console puts online learners at the centre of group discussions, using hexagonal tables with two back-to-back computer screens at their centre and a 360-degree camera. Online students can see all their in-person groupmates at the same time and vice versa, and both groups can look at the same computer screen at the same time. Their work can also be projected onto a giant digital canvas that wraps around the room, for feedback from teachers and classmates. Online students can also be projected onto the canvas to contribute to whole-class discussion.

The Learning Lab has been presented to educators in Hong Kong, Europe and Australia to much interest. "People have never seen this kind of space before. I believe the future of teaching and learning is hybrid," Professor Bridges said – particularly in connecting students and teachers in different campuses and countries.

TEACHING EXCELLENCE HONOURS

HKU teachers have been honoured internationally for their excellence and innovation, winning two Gold awards and one Bronze at the 2021 QS Reimagine Education Awards (the 'Oscars' of education) and the C Holmes MacDonald Outstanding Teaching Award from the Institute of Electrical and Electronics Engineers Eta Kappa Nu (IEEE-HKN).



QS Reimagine Education Gold award

Dr Ng Ming Yen of the Department of Diagnostic Radiology won the Gold award for life sciences for a Massive Open Online Course (MOOC) on cardiac imaging that is the first of its kind to provide a postgraduate certificate in cardiac CT and MRI. The MOOC was developed with input from a large team of international and Hong Kong experts and HKU's Technology-Enriched Learning Initiative.







Dr George Lim Tipoe and Dr Fraide A Ganotice Jr of the Li Ka Shing Faculty of Medicine won a Gold award in hybrid learning for their teamwork on interprofessional education and collaborative practice. Students from 12 health-related programmes in six faculties come together to learn about, from and with one another, and deepen their understanding of each other's disciplines, with their discussions facilitated by Open edX and learning analytics. More than 40 teachers are involved in the project.



QS Reimagine Education Bronze award

The Bronze award went to Mr Mathew Pryor and Ms Lynn Lin Hanyuning in the Faculty of Architecture in the category of ICT tools in teaching, learning and support for their Digital Exhibition Space, which makes creative use of 3D virtual technologies for students to learn and display their works.



IEEE-HKN award

The IEEE-HKN award went to Dr Hayden So Kwok Hay in the Faculty of Engineering for his excellence in training and motivating future engineers. Dr So involves students in hands-on projects from the outset then guides them back to the underlying theories. His teaching has inspired several students to launch their own start-ups. The IEEE's honour society, Eta Kappa Nu, honours only one professor globally each year. Dr So is the first scholar outside the US to receive the award.

Professor Lau Chak Sing (first from left) was joined by members of the first class to complete the Enrichment Year.



NEW PERSPECTIVES

HKU has made it a priority for students to engage beyond their chosen discipline, whether as part of their programme of study or through the cross-curricular Common Core.



Allison Tai spent her Enrichment Year at the University of Bristol.

ENRICHMENT YEAR GRADS ON WHAT THEY HAVE GAINED

In 2016, the Li Ka Shing Faculty of Medicine announced its unique 'Enrichment Year' (EY) curriculum, which requires all third-year MBBS students to spend the year broadening their horizons, pursuing their interests and even completing a second degree in Hong Kong or abroad, before the demands of clinical studies kick in. The first students to benefit graduated in 2022 and report that the year off-book was deeply fulfilling.

Some 61 of the 230 students in the class completed a second degree, while

others took courses in areas completely unrelated to medicine, did internships, and / or worked with local, national or international charities. In all cases, the Faculty helped students make meaningful selections and guided them throughout their third year.

Gladys Sit, for instance, spent a semester at the University of Edinburgh taking courses in public health, biology and economics, then went to Yunnan province to collaborate with a team from Fudan University to research smoking among healthcare professionals and patients. The experience helped improve her communication skills. "As a doctor, we might think we're explaining something clearly, but in fact we frequently use technical terms," she said. "We can't blame patients for not understanding or

asking lots of questions. I learned to be more patient and more considerate of the patient."

Allison Tai completed a Bachelor of Science in Clinical Sciences at the University of Bristol where she learned how to apply research techniques in clinical medicine. "This experience taught me that research is not just about numbers, but that it can tell you about a patient's life experiences. It definitely serves as a good reminder for me as a doctor."

The EY curriculum was developed by the current Dean of Medicine, Professor Lau Chak Sing, Daniel C K Yu Professor in Rheumatology and Clinical Immunology, when he was Assistant Dean. "It has been very satisfying to watch students grow professionally and personally with the help of our unique EY curriculum," he said.

ENGAGING WITH THE WORLD

Pandemic restrictions may have hindered exchanges outside Hong Kong for HKU students, but they have not prevented them from engaging with the world in other meaningful ways. The Common Core has made the most of virtual technologies so HKU students from different disciplines can collaborate with their counterparts around the world on projects of global concern.

In the summer, for example, HKU students from such disciplines as business, engineering and biomedical sciences worked together with Davis College students in Rwanda to develop projects for the Nyamirambo Women's Center, an NGO that provides education and support to women affected by gender-based violence, gender inequality and discrimination. The women are trained and employed to create accessories, clothing and home décor products. The students' task was to develop ideas that would add value to the NGO's work. They made formal proposals and presentations on ideas such as creating Instagram posts and a LinkedIn marketing channel and recruiting student interns to help with work overloads.

Some 182 students participated in the Common Core's virtual co-curricular programmes in 2022. The resumption of in-person teaching in autumn 2022 will enable the Common Core to expand opportunities for students to engage both physically

and digitally with impactful projects.

A virtual classroom session on art and well-being in a Common Core research project in collaboration with the University of Queensland and Griffith University, Australia.



The highlight of my experience was communicating and collaborating with the Davis College students. Afterwards we talked about refugees, China-Africa relations and women in STEM fields, all of which benefitted me a lot.



Luo Wenhao
Bachelor of Economics and Finance
Year 4

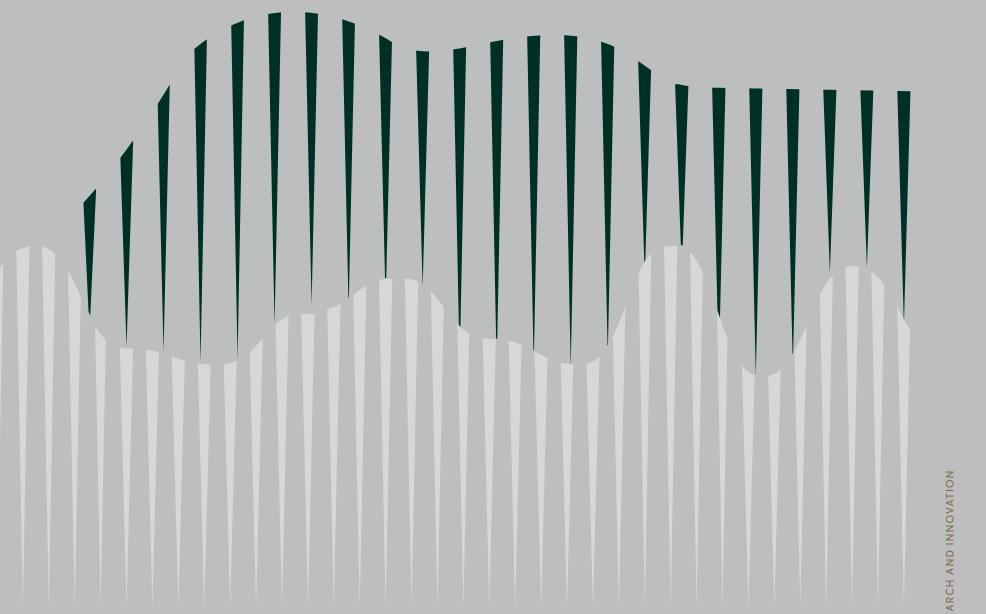


We did experience difficulties both in terms of language and time differences, but this experience allowed me to learn how to be patient and work on a team virtually.

Sanjana Bharti Bachelor of Business and Administration Year 3

RESEARCH AND INNOVATION

INNOVATING BEYOND DISCIPLINES



28

29

The University is experiencing unprecedented opportunities to contribute original, innovative research to the development of the region and the world. To maximise our impact, we have been increasing investment in physical space and human resources and deepening our engagement in the Greater Bay Area. These measures will increase our capacity to develop cuttingedge research, attract top-flight scholars and bring different disciplines together to address major challenges in fields ranging from fintech and cancer to biotechnology and climate change.



The Tech Landmark is a complex of four buildings targeted to open in 2024.

PHYSICAL GROWTH

The most visible evidence of our trajectory is the expansion of our physical research space. A groundbreaking ceremony was held in July 2022 for the Tech Landmark, a complex of four buildings that will open in 2024 to accommodate at least 12 institutes focussing on interdisciplinary research across all disciplines, including non–STEM fields. Earlier in the year, the Institute of Data Science became the first institute to formally be launched (see page 36).

However, the Tech Landmark is only a prelude to our ambitions. In 2022 we also announced the Global Innovation Centre, which would be located near the Medical Campus and provide a world-class facility for deep technology research, and we made progress on the planned HKU-Shenzhen Campus to strengthen our regional presence. Both facilities would substantially increase HKU's research footprint and capabilities.

Collaboration is also a big part of our growth plans. In June 2022 we signed a strategic cooperation agreement with the Qianhai Authority that will step up talent cultivation, scientific research and technology transfer through interdisciplinary and STEM initiatives.

TALENT GROWTH

HKU's strong bank of talent is evident in the global recognition that our scholars receive across all disciplines, including 38 Highly Cited Researchers named in Clarivate's 2022 list, the most ever and a significant increase over last year's 31. We now rank 26th globally in terms of the number of Highly Cited Researchers. Nonetheless, there is potential to do even better, especially given our expansion plans. We have therefore been recruiting top talents and nurturing promising ones.

The HKU Global Professoriate
Recruitment Campaign aims to bring
100 world-class scholars in emerging
fields to HKU. As of autumn 2022, more
than 40 distinguished scholars had
been recruited from institutes such as
Stanford, Princeton and Yale Universities
and the Massachusetts Institute of
Technology. HKU has also done very
well in the government's Global STEM
Professorship Scheme, securing the
highest proportion of professorships
among the eight local universities.



Newly recruited research talents at the Institute of Data Science.

We are developing young research talent through several programmes, including the new Interdisciplinary PhD Programmes that will admit students from 2023–24 from multidisciplinary backgrounds; the new Dissertation Year Fellowship that will support selected outstanding PhD students to pursue an additional year of training after they submit their thesis; and new funds to award research postgraduate students for publication in a high-quality journal and for innovation initiatives. All told, these measures will boost our attractiveness to promising young scholars.

The HKU Global
Professoriate
Recruitment Campaign
aims to bring

100

world-class scholars in emerging fields to HKU.



A major indicator of the quality of our research talent is our consistent success in competitive research funding exercises, where we continued to lead all other Hong Kong universities in 2021-22. Highlights include receiving the largest share of the Research Grants Council's (RGC) General Research Fund (HK\$225.29 million for 247 projects, excluding on-costs); leading five of the eight projects awarded under the RGC's 12th round of the Theme-based Research Scheme, receiving total funding of HK\$168 million (including on-costs); and leading one of only two Areas of Excellence projects awarded in 2022 (total funding of HK\$74.8 million, including on-costs).

In the past, that might have been the welcome sum of our government funding support, but HKU has also been performing strongly in Mainland funding exercises. In 2021–22, our scholars received more than RMB26 million via HKU's Shenzhen Institute of Research and Innovation and RMB25.7 million directly via HKU from the National Natural Science Foundation of China and Guangdong and Shenzhen funding bodies. In addition, 10 young

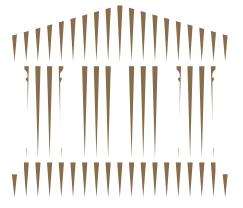
HKU scientists were awarded under the 2022 Excellent Young Scientists Fund (Hong Kong and Macau), the highest among peer institutions for the fourth consecutive year (see page 38).

With growing financial support, talent development and physical expansion, the University has high expectations of magnifying its research impact in the coming years. These investments aim to position us as a truly world-leading university that not only contributes to the development of new and innovative economic industries in Hong Kong but provides solutions to some of the most pressing challenges facing our world.

With growing financial support, talent development and physical expansion, the University has high expectations of magnifying its research impact in the coming years.

HK\$585.6

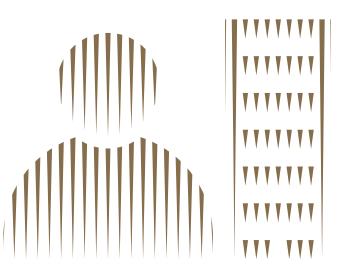
million funding
from UGC and RGC





theme-based research projects

HKU professors lead these projects which received a total of HK\$168 million (including on-costs).



HK\$760

million funding

from other sources for new research projects in 2021–22

A record 38 HKU scholars made Clarivate's global list of Highly Cited Researchers, having produced multiple studies ranked in the top 1% in their fields based on citations. HKU is 26th globally in terms of the number of scientists on the list.



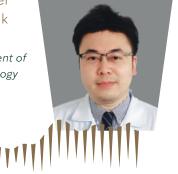
Dr Jasper Chan Fuk Woo Department of Microbiology

Dr Kelvin To

Department of

Microbiology

Kai Wang









Professor

Benjamin

School of Public Health

Professor

Ivan Hung

Department of

Fan Ngai

Medicine

John Cowling



Professor Yao Wang Department of Physics



Professor Yin Xiaobo Faculty of

Faculty of Science;



Department of Electrical Engineering;

Department of Physics



Professor Xiang Zhang Faculty of Engineering; Faculty of

Science; President's Offic





33

Engineering;

President's Office





and Electronic











































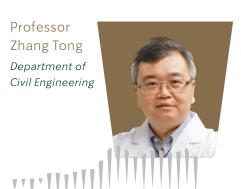














HKU ranks

globally

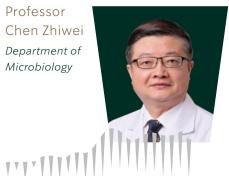
in terms of the number of Highly Cited Researchers on the list.



Professor Ester Cerin School of Public Health















Professor Jin Dongyan School of Biomedical Sciences



Dr Kok Kin Hang Department of Microbiology



Dr Eric Lau Ho Yin School of Public Health



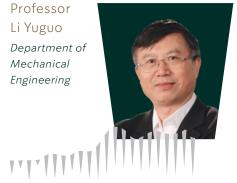
Professor Gabriel Matthew Leung School of Public Health



Professor Dennis Leung Yiu Cheong Department of Mechanical Engineering



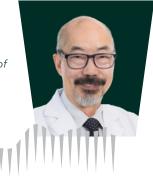
Professor Li Yuguo Department of Mechanical Engineering



Professor Liang Shunlin Department of Geography



Professor Mak Tak Wah Department of Pathology



Professor Joseph Sriyal Malik Peiris School of Public Health



Professor Tang Chuyang Department of Civil Engineering



Dr Wu Peng School of Public Health



Professor Joseph Wu Tsz Kei School of

Public Health



Dr Yen Hui Ling School of Public Health



Dr Cyril Yip Chik Yan Department of Microbiology



35

Dr Yuan Shuofeng Department of

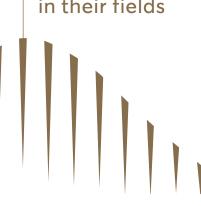


Dr Anna Zhang Jinxia Department of Microbiology



Top









Formally established in January 2022, the Institute of Data Science has a temporary office in the Graduate House, with members from all 10 faculties at HKU.

APPLYING DATA ACROSS DISCIPLINES

Data is no longer a tool confined to STEM subjects and the University is promoting the application of data sciences across multiple disciplines.

NEW INSTITUTES TAKE ROOT UNDER TECH LANDMARK BANNER

The Tech Landmark, opening in 2024, will house at least 12 interdisciplinary research institutes and kick-start a much-needed expansion in research space at HKU. But its impact is already being felt. Several institutes have been formed and are actively recruiting and establishing their presence.

The most prominent is the HKU Musketeers Foundation Institute of Data Science (IDS), which has received a HK\$150 million donation from the Musketeers Education and Culture Charitable Foundation. The IDS aims to be a world-class, interdisciplinary centre that explores frontier research and applications in data science, computing, mathematics and statistics – but also looks beyond traditional STEM subjects to the application of data in wider society.

"One major focus will be digital social sciences and how we can contribute to complex industrial, business and societal issues," said Vice-President and Pro-Vice-Chancellor (Research) Professor Max Shen, who leads the IDS. "The large-scale databases available across Hong Kong and the Greater Bay Area will give us a unique advantage in producing impactful and novel research."

The IDS was formally established in January 2022 in a temporary office in the Graduate House and has been recruiting new talent as IDS scholars on joint appointments with various departments at HKU. It has three research clusters to start with:

Fundamental Data Science to develop novel methodologies for analysing

large volumes of data; Explainable Al and Human-Machine Interplays

to deepen understanding of how Al systems make decisions and improve the power, accuracy and transparency of these decisions; and **Smart Society**, which will make use of sensors and connected devices to advance research on sustainable development, on resilience and responses to 21st-century challenges, and on hard and soft infrastructure for data systems and strategies.

Three other institutes were announced in 2022 and are in the very early stages of development – the Institute for Advanced Quantum Study, the Institute for Climate and Carbon Neutrality, and the Urban Systems Institute. As with the IDS, they bring together scholars from a variety of disciplines to break down disciplinary boundaries and promote deeper collaboration on issues of global importance.

APPLYING BIG DATA TO CHINA'S HISTORY

Data science is playing a growing role in non-STEM fields, where the ability to compute and analyse huge quantities of information is yielding new insights. A case in point is HKU's Quantitative History of China project, awarded HK\$67.32 million in 2022 under the Areas of Excellence (AoE) Scheme.

Professor Chen Zhiwu, Chair Professor and Cheng Yu–Tung Professor in Finance, is leading the project which will examine four key dimensions of China's and Hong Kong's development: ancient roots; culture; state capacity and institutions; and finance, trade and Hong Kong's rise. The project is built around China's rich tradition of record–keeping.



QUANTITATIVE HISTORY OF CHINA: HISTORICAL ROOTS OF RECENT SUCCESS AND FUTURE DEVELOPMENT



"Uniquely among nations, China has a wealth of historical and archaeological archives covering almost all aspects of society, from politics to business, law and regulation, crime and unrest, family and lineage, culture and customs, religion and social organisation, and science," Professor Chen said. "The

digitalisation of these records offers quantitative

historians an
unprecedented
opportunity
to re-examine
various aspects
of China's past."

The project has an interdisciplinary and international team that includes members of HKU's

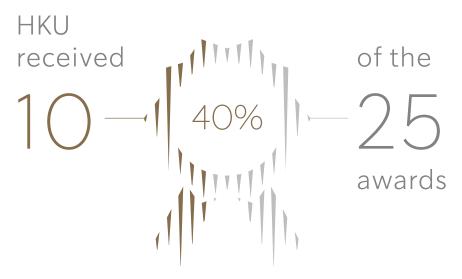
Business School and Faculty of Law as well as scholars from Oxford University, Renmin University of China, Chinese University of Hong Kong, Hong Kong University of Science and Technology and Lingnan University. Members of the team have already published widely on the quantitative history of China, constructed historical databases and held symposia to promote their approach since 2013. The AoE will consolidate their expertise to establish a Centre for Quantitative History at HKU that will coordinate research, enhance teaching and learning, and contribute insights on policymaking and improved business practices.

The grant under the AoE Scheme has also been topped up with additional funding from HKU to bring the total funding to HK\$74.8 million.



Dean of HKU Business School Professor
Cai Hongbin (second from right) with
some research team members – Project
Coordinator Professor Chen Zhiwu (second
from left), Professor Lin Chen (first from
right) and Dr Ma Chicheng (first from left).

EXCELLENT YOUNG SCIENTISTS



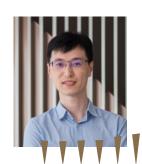
in the

Excellent Young Scientists Fund (Hong Kong and Macau) in 2022,

the most of any eligible institution and the fourth consecutive year that the University has come out on top. The fund was extended to Hong Kong and Macau in 2019 to support young up-and-coming scientists to further expand their research.



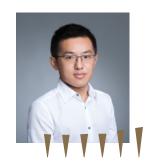
Dr Philip Chow Chi Yung, Assistant
Professor in the Department of
Mechanical Engineering, aims to
reveal the precise energy conversion
mechanism that enables current stateof-the-art organic solar cell materials
to achieve record efficiencies and to
provide guidelines for future material
and device development.



Dr Huang Yuanhua, Assistant
Professor jointly in the School of
Biomedical Sciences and Department of
Statistics and Actuarial Science, aims to
develop machine learning methods to
tackle the challenges in single-cell data
science, with a focus on analysing the
dynamic changes of cells.



Dr Hui Chun Yin, Associate Professor in the Department of Mathematics, is undertaking a project titled 'Algebraic number theory and arithmetic geometry' that will take the perspective of Galois compatible systems.



Dr Ran Lishan, Associate Professor in the Department of Geography, will study the carbon cycle in inland waters in the semiarid Loess Plateau and subtropical Dongjiang Basin to try to decode the fluctuation of greenhouse gases across the water-air interface and the interplay of environmental and human impacts over time.



Dr Celia Marei Schunter, Assistant
Professor of the School of Biological
Sciences, is looking at mechanistic
responses in marine fish to environmental
fluctuations and will use the findings to
build on her research on the molecular
mechanisms that underly the response of
fish to future environmental conditions.



Dr Eric Wan Yuk Fai, a joint appointment of the Department of Family Medicine and Primary Care and the Department of Pharmacology and Pharmacy, aims to provide evidence on the optimal frequency for monitoring complications in patients with diabetes mellitus, which will inform practices for preventing complications and reduce medical costs.



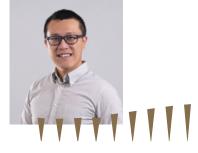
Dr Wang Chenjie, Assistant Professor in the Department of Physics, will extend his investigations into the theories of correlated topological phases and seek applications to quantum critical phenomena.



Dr Wang Weiping, Assistant Professor of the Department of Pharmacology and Pharmacy and Dr Li Dak–Sum Research Centre, aims to develop near–infrared light–responsive drug delivery systems and explore the use of optical fibres to deliver light into deep tumours. This would provide important references for the development of photo–responsive drug delivery systems.



Dr Wu Chenshu, Assistant Professor in the Department of Computer Science, has a project called 'Smart Wireless Sensing and Tracking' that will study ubiquitous sensing Al for innovative applications in the Internet of Things.



Dr Yang Yi, Assistant Professor in the Department of Physics, will study the interaction between light and free electrons. He will look at various optical environments to enhance their coupling strength, as well as the interplay between free electrons and photonic topology.

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IMPACTING
BEYOND
ACADEMIA

42

HKU's efforts to deepen the impact of its research and expertise beyond academia have escalated sharply as we position the University to be a springboard for innovation and a leader in producing solutions for major global challenges. In 2022, we consolidated our framework for innovation and entrepreneurship, sharpened our strategy on developing impactful research, and continued to invest in incubating new start-ups and entrepreneurs and strengthening collaboration with industry.



HKU DeepTech100 is a one year co-ideation programme aiming for translating deep tech research outcome from top universities into future businesses.

ENTREPRENEURIAL BOOSTS

To deepen the impact of our research, the HKU Techno-Entrepreneurship Core (HKU TEC) was launched in autumn 2022 to coordinate innovation and

entrepreneurship activities
across campus, promote
interdisciplinary collaboration,
connect with stakeholders and
external partners, and train
students and incubate startups. Already we have arranged
for iDendron to come under the
HKU TEC umbrella, which will report
directly to the Vice-President and ProVice-Chancellor (Research).

iDendron was launched in 2017 and in the 2021–22 academic year provided coaching, mentorship, legal and funding support to 45 new start-ups by HKU students, researchers and alumni, bringing the total to 180 since it opened in 2017; it also prepared to launch an incubation programme on deep tech projects in early 2023.

The new Tam Wing Fan Innovation Wing, run by the Faculty of Engineering, is also fostering innovation by students and researchers. Innovation Wing One opened in December 2020 with a focus on interdisciplinary innovations by undergraduate students and teachers, while Innovation Wing Two opened in December 2021 for researchers to collaborate across disciplines to tackle grand challenges facing society.



- The Gear Up Startup Seed Fund & Incubation Programme aims to provide entrepreneurial support and incubation services that befit the needs of young people who are about to start their businesses, helping them turn ideas into reality.
- ▼ Cutting-edge HKU innovations were showcased in the InnoCarnival 2022 organised by the Innovation and Technology Commission of the Hong Kong government in October 2022.



INDUSTRY CONNECTIONS

The infrastructure to support innovation comes as the University's research is attracting growing interest from industry, particularly in the Greater Bay Area. For example, we have embarked on 11 collaborative projects with different business units of Huawei and we signed a Memorandum of Understanding with the Huawei Research Centre (HK) in November 2021 to explore deeper, closer partnership. We have also signed license or collaboration agreements with several companies to develop COVID-19 vaccines based on our research, including Wantai BioPharm, Immuno Cure Biotech Ltd in Hong Kong and China National Biotec Group (Sinopharm) (see page 48).

INVESTING IN IMPACT

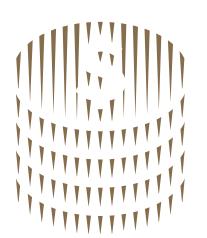
The University offers several funding awards for start-ups initiated by HKU students and staff. The TSSSU@HKU Awards support about 20 teams each year and in 2022 allocated HK\$1 million Grand Awards to each of four start-up teams and up to HK\$500,000 in Seed Fund Awards to each of 16 teams. The SEED Programme, a six-month collaboration with the Hong Kong Science and Technology Parks Corporation, offers up to HK\$100,000 to early-stage start-ups and in 2022 supported 20 teams. Fourteen HKU teams also benefitted from the Gear Up Startup Seed Fund & Incubation Programme organised by the Youth Development Commission, receiving up to HK\$600,000 each plus mentorship, legal and professional support.

In 2022, we announced a new Strategic Impact funding scheme that provides a maximum of HK\$500,000 each to projects at HKU that have impact in areas of national and global importance. Seven themes have been identified: green and sustainable energy; health and medical technologies; industry 4.0; smart cities; food security and nutrition; use of IT in education; and community engagement for governance and law. The separate Impact Projects scheme also continues to fund projects regardless of whether they fall under these themes, offering a maximum of HK\$150,000 per project; 45 projects were supported in 2022.

The impact of our efforts and investments is gathering momentum. We are filing more patents and winning more awards for our inventions – for instance, HKU received a record 12 medals at the International Exhibition of Inventions of Geneva in 2022, including four golds. Participants in our internal Knowledge Exchange Awards are also demonstrating deeper impact by using their research to improve conditions

in society. Looking ahead, we will be leaning into impact by reviewing our strategies to further enhance and strengthen technology transfer and knowledge exchange, striving to echo the national development goal of fostering collaboration with institutions in the Mainland and elsewhere, and contributing to the development of the Greater Bay Area as a world-class hub of innovation and technology.

Looking ahead, we will be leaning into impact by reviewing our strategies to further enhance and strengthen technology transfer and knowledge exchange.



HK\$18.49

million income

generated from intellectual property rights in 2021–22



180

start-ups

launched through iDendron since 2017

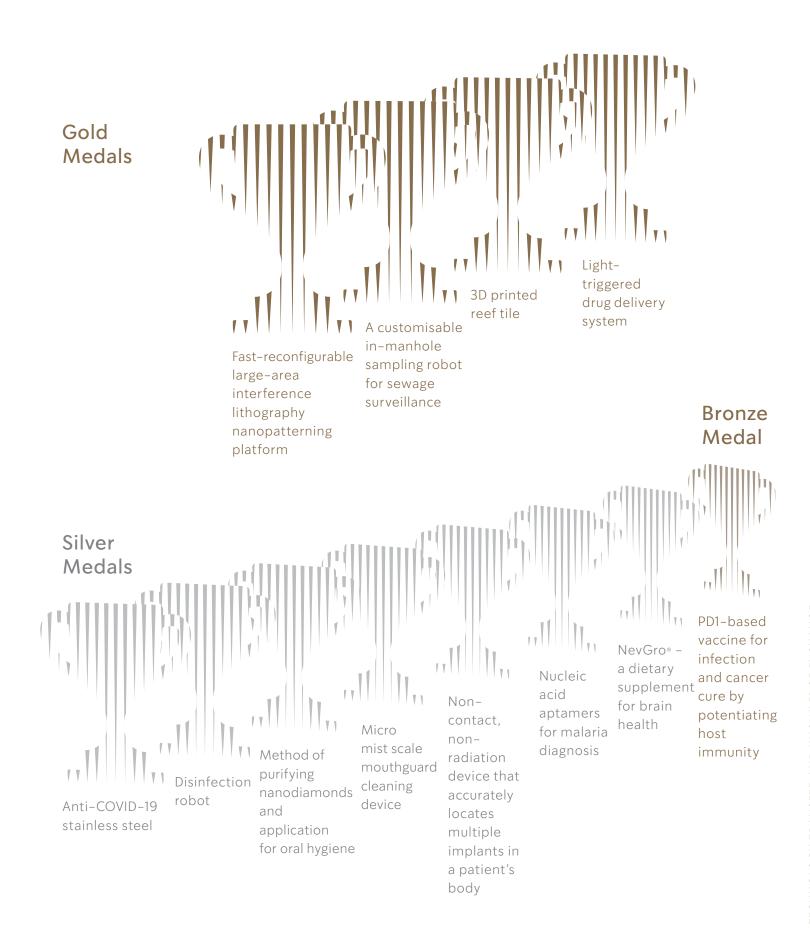


80

patents

granted in 2021–22

HKU'S AWARD-WINNING INVENTIONS AT THE SPECIAL EDITION 2022 INVENTIONS GENEVA EVALUATION DAYS



IOLOGY TRANSFER AND KNOWLEDGE EXCHANGE

SETTING THE STAGE

The University is increasing facilities, funding and recognition for innovation to encourage staff and students to bring their ideas into the wider community.

A HUB FOR INNOVATION

The Tam Wing Fan Innovation Wing One opened in December 2020 as a hub for innovation, exploration, outreach and collaboration, managed by the Faculty of Engineering. Occupying more than 2,400 square metres, it is a makerspace equipped with state-of-the-art facilities for supporting undergraduate students' hands-on and experiential learning activities. As of autumn 2022, more than 2,300 students had completed induction and training programmes there. Students are already producing tangible outcomes. A student team from Innovation Wing One won the University Pitch Competition in Hong Kong on Global Grand Challenges in May 2022 for creating a digital

sewage monitoring system to detect viruses that is small, cheap, scalable and can provide results in real time; they will be one of five teams representing China in the International Student Competition of the 5th Global Grand Challenges Summit. Innovation Wing also houses the Innovation Academy which connects innovators, runs activities such as workshops and pitching contests, offers funding schemes for student projects, and provides the platform InnoHub to connect students and staff from 10 faculties to collaborate on crossdisciplinary projects.

Innovation Wing Two opened in
December 2021 as an enabling
platform for engineering researchers to
collaborate with other researchers and
professionals from various disciplines

to tackle grand challenges and produce outputs that have significant impact in Hong Kong and global communities. The TechTalk series of forums and dialogues features researchers and postgraduate students sharing their research findings and insights on innovation-related topics. HKU innovations have also been presented through two exhibitions at Innovation Wing Two, one on Engineering for Better Living and the other on Digitalisation.

Activities are expected to accelerate in the coming years with the growing encouragement of innovation at HKU as a whole. The Innovation Wing was made possible through a generous donation from Mr and Mrs Tam Wing Fan, who gifted HK\$140 million to develop the facility and set up a fund to support the Innovation Academy.



- ▲ The HKU team won the University Pitch
 Competition on Global Grand Challenges
 2021–22 with their project 'PERFECT Viral
 Sewage Monitoring System'.
- ▼ The Inno Show offers a platform for students to create and showcase their own work outside classroom.





The sewage surveillance technology developed by the multidisciplinary team of Civil Engineering and Public Health has been incorporated into the whole control strategy against COVID-19 since December 2020.



AWARD-WINNING INSIGHTS FROM SEWAGE

Professor Zhang Tong, Chair Professor of Environmental Engineering in the Department of Civil Engineering, is an expert in extracting information from sewage that has proven to be beneficial not only to the environment but also human health.

He has studied the environmental microbiome and wastewater-based epidemiology for more than 15 years and he and his team have invented quantitative assays to detect microorganisms that can improve pollution control in wastewater treatment facilities. They have also developed comprehensive analytical methods for detecting emerging antibiotic-resistant genes in the environment, which is a silent pandemic worldwide.

More recently, Professor Zhang used his expertise to design effective sewage surveillance systems that track the

transmission of the COVID-19 virus and its variants in the community and reveal hidden cases. The systems were subsequently integrated into the Hong Kong government's pandemic-control programme.

For his achievements, Professor Zhang was awarded the HKU Innovator Award for 2021.

"Understanding the microbial community is necessary if we want to design reactors with better performance and if we want to control the spread of pathogens in animals and the environment that may eventually infect humans." he said.

His most recent research has been looking at how to weaponise phages – viruses that infect bacteria – to help remove pollutants in wastewater. The findings were published in 2021 in *Nature Communications*.



Professor Zhang explaining to the then Chief Executive Mrs Carrie Lam on the work of the Environmental Microbiome Engineering and Biotechnology Laboratory during her visit to HKU's sewage monitoring facilities in February 2022.



The three different COVID-19 vaccine candidates developed by HKU scientists have proceeded to clinical trials.



INDUSTRIAL IMPACT

HKU researchers are addressing major global problems such as COVID-19 and environmental degradation by working with industry and developing start-ups based on their innovations and research.

COVID-19 VACCINES ENTER CLINICAL TRIALS

HKU scientists have developed three different COVID-19 vaccine candidates that each offers unique benefits and have all proceeded to the clinical trial stage. In all cases, they are drawing on HKUMed's long-standing expertise as a global leader in emerging infectious diseases and working closely with industry partners.

Professor Chen Honglin and Professor Yuen Kwok Yung, Henry Fok Professor in Infectious Diseases, have developed a nasal spray vaccine based on their previously established flu-based DelNS1 Live Attenuated influenza virus platform. This has strong potential as a booster vaccine for people who previously received SARS-CoV-2 vaccines, particularly as it is cheap and easy to deploy; it could also be developed into a dual vaccine against both flu and COVID-19. HKU has collaborated on the vaccine with Xiamen University and Wantai BioPharm, a Chinese pharmaceutical company. A Phase 3 clinical trial has been completed and Wantai has applied for emergency use approval of this flu-based intranasal spray COVID-19 vaccine.

Professor Chen Zhiwei has developed an injectable COVID-19 DNA vaccine based on a DNA vaccine platform he developed for an AIDS vaccine. The latter has been going through the conventional vaccine testing and approval process for several years, so it was simply a matter of swapping the HIV gene for the COVID-19 virus. The vaccine offers strong

protection while being cheap and easy to manufacture, and it is undergoing a Phase 1 trial in partnership with Immuno Cure Biotech Ltd in Hong Kong.

Professor Ivan Hung, Ru Chien & Helen Lieh Professor in Health Sciences Pedagogy, of the Department of Medicine has led the development of an inactivated COVID-19 vaccine targeting the Omicron variant as a nextgeneration vaccine and booster. HKU's Department of Microbiology was the first research team in Asia to isolate the variant and shared it with other research institutions and vaccine manufacturers. China National Biotec Group (Sinopharm) subsequently decided to initiate a clinical trial in Hong Kong through the HKU Clinical Trials Centre. The trial began in early summer involving about 1,800 adult volunteers who had already received two or three doses of inactivated or mRNA COVID-19 vaccines

3D PRINTING TO RESTORE CORAL REEFS

ArchiREEF, a new start-up founded by Dr David Baker and PhD candidate Vriko Yu in the School of Biological Sciences, is combining marine biology with the latest 3D printing technologies to provide a one-step solution for bringing back corals and restoring degraded marine ecosystems.

The company has developed the world's first artificial reef structure that is 3D printed using terracotta, making it ocean-friendly, scalable and adaptive to any coral species, landscapes and ecosystems. The structure also has biomimicry elements to enhance coral survivorship and growth. It was first successfully adopted by the Hong Kong government's Agriculture, Fisheries and Conservation Department at the Hoi Ha Wan Marine Park.

"Our product has to be able to withstand extreme environments, such as unstable sea waves and corrosion. and at the same time successfully grow the coral without harming the ocean," said Ms Yu. "At first, we tried to do this with minimal intervention and low-tech methods. We planted corals directly on the natural substrates. However, we found the natural substrates are not ideal for corals to grow on. Hence, we used the power of 3D printing technology to kick-start ecosystem recovery and assist corals."

ArchiREEF has received a number of honours to date, including being named one of the companies on Forbes Asia 100 to Watch 2022 list; a Gold Award in the International Exhibition of Inventions of Geneva 2022; Champion of the Elevator Pitch Competition 2021 organised by the Hong Kong Science and Technology Parks Corporation; and a Grand Award of HK\$1 million in the 2021–22 TSSSU@HKU Awards that support promising start-ups at the University.



Learn more about ArchiREEF



The 3D-printed reef tiles were first adopted by the Agriculture, Fisheries and Conservation Department (AFCD) of the Hong Kong government as an active management tool to aid coral restoration in Hoi Ha Wan Marine Park.

KNOWLEDGE EXCHANGE BEARS FRUIT

Our scholars work with NGOs, charities and other groups to bring their findings to the community to change conditions for the better. Each year, the most impactful of these are honoured through HKU's Knowledge Exchange Awards.

TREATING CHILDREN'S CAVITIES WITHOUT THE DRILL

Untreated tooth decay among young children is a significant public health problem around the world, including Hong Kong where a government survey found half of five-year-olds had dental caries (cavities) and 75% had never visited a dentist. But now, the Faculty of Dentistry has come up with a solution that is not invasive, unlike drill-and-fill, and that can even be done in a classroom. Their findings have influenced public dental health policies around the world.

(From left) Dr Duangporn Duangthip, Professor Chu Chun Hung, Professor Edward Lo Chin Man and Professor Cynthia Yiu Kar Yung were honoured with the Knowledge Exchange Excellence Award 2021 for the project 'Promoting Child Oral Health and Managing Tooth Decay in Preschool Children

Dr Duangporn Duangthip, Senior Clinical Practitioner in Cariology, led the team in applying silver diamine fluoride (SDF) to control tooth decay in preschool children, in a territorywide kindergarten-based project funded by the Hong Kong Jockey Club Charity Trust.

"Our project enjoyed a very high participation rate and parental satisfaction. Studies by members of the team have shown that SDF is safe.



the use of SDF. As a result, SDF is now included in the dental section of the WHO's list of essential dental medicines, which is used as a guide by more than 150 countries. The American Academy of Pediatric Dentistry has also developed a guideline on SDF use for caries management in children based on the research evidence. Dr Duangthip and her team were awarded the Knowledge Exchange Excellence Award 2021 by HKU

The team has established the territory-wide oral health programme to promote child oral health and manage tooth decay situation in preschool children using silver diamine fluoride (SDF) for caries control.

inexpensive and effective in stopping

non-aerosol treatment is also suitable

tooth decay. The non-invasive and

setting, leading to a new paradigm

for management of tooth decay in

The team also worked with the World

Health Organization (WHO) to support

for implementation in a school

children," Dr Duangthip said.





Professor Nancy Law and her team has won the Faculty of Education's Knowledge Exchange Award 2021 with the project 'Co-creating a New Normal of Empowered Learning through Digital Citizenship Research'

CROSSING THE DIGITAL DIVIDE

Access to and competency with digital media has become a critical requirement for daily work, study and life, as the COVID-19 pandemic has underscored. Professor Nancy Law Wai Ying of the Faculty of Education began investigating digital literacy in Hong Kong schoolchildren even before the pandemic started and has produced revealing results about the inequality of digital access and literacy in the city. The results have influenced policymakers and others to take steps to address the gap.

In April 2020 Professor Law released findings from data collected the previous year that showed huge diversities in digital literacy achievement among primary and secondary students within and across schools. This led to the launch of eCitizen Education 360 the following month to guide evidence-based communitywide action to support the learning of students, families, schools and teachers. The initiative has had wide support from the education sector, NGOs and charities. For example, the Jockey Club and other charities allocated funding to help underprivileged families cope with e-learning, some NGOs introduced new services to provide parents, teachers and school leaders with support in improving children's digital competence, and schools that were already well-prepared for e-learning shared their experiences with others on multiple platforms.

A follow-up survey in 2021 found that general digital competence had improved across the board, although the competency gap within and across schools had increased, as had the percentage of students reporting serious mental health and internet addiction conditions.

"It is imperative that measures be taken to support schools and teachers in developing appropriate learning environments and activities that will foster digital competence and resilience," Professor Law said. "Concerted efforts involving community sectors in addition to educators are necessary to address the wellness challenges and the learning divides uncovered through our research."

Professor Law and her team received the Faculty Knowledge Exchange Award of the Faculty of Education for 2021.

Learn more about eCitizen Education 360



► STUDENTS*

STUDENT ADMISS New intakes	ION			
	All	Undergraduate	Taught Postgraduate	Research Postgraduate
2021–22 Male Female % Non-local (Based on Nationality)	13,565 5,593 7,972 51.5%	4,513 2,017 2,496 28.3%	8,012 3,042 4,970 60.5%	1,040 534 506 82.8%
2020-21	12,077	4,543	6,725	809
Male Female	5,208 6,869	2,021 2,522	2,761 3,964	426 383
% Non-local (Based on Nationality)	42.4%	23.4%	50.9%	79.2%

ENROLMENT OF STUDENTS ON ALL PROGRAMMES

- L	Undergrad	duate	Taught Po	stgraduate	Research I	Postgraduate	All Levels	
Faculty	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21
Architecture	721	729	748	727	136	121	1,605	1,577
Arts	1,859	1,918	886	802	236	218	2,981	2,938
Business and Economics	2,956	2,967	3,598	2,319	163	141	6,717	5,427
Dentistry	452	425	87	88	96	82	635	595
Education	975	993	1,435	1,478	243	225	2,653	2,696
Engineering	2,437	2,506	1,899	1,779	843	733	5,179	5,018
Law	552	551	1,149	1,145	85	80	1,786	1,776
Medicine	3,353	3,256	878	814	866	781	5,097	4,851
Science	2,532	2,560	549	544	649	594	3,730	3,698
Social Sciences	1,680	1,631	1,393	1,404	246	233	3,319	3,268
All Faculties	17,517	17,536	12,622	11,100	3,563	3,208	33,702	31,844
In % Distribution		55.1%	37.5%	34.9%	10.6%	10.1%	100%	100%

ENROLMENT OF NON-LOCAL STUDENTS (BASED ON NATIONALITY)

	Undergrad	duate	Taught Po	stgraduate	Research	Postgraduate	All Levels	
Region	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21
				Hea	dcount			
Mainland China	2,487	2,107	5,462	3,830	2,465	2,140	10,414	8,077
Other Asian Countries	1,481	1,598	320	371	210	197	2,011	2,166
Australia and New Zealand	65	81	66	68	14	15	145	164
European Countries	217	244	251	253	93	100	561	597
North American Countries	138	165	188	211	61	59	387	435
Others e.g. Central and South America, African Countries	20	18	16	22	30	29	66	69
All Regions	4,408	4,213	6,303	4,755	2,873	2,540	13,584	11,508
					%			
Mainland China	56.4%	50.0%	86.7%	80.5%	85.8%	84.3%	76.7%	70.2%
Other Asian Countries	33.6%	37.9%	5.1%	7.8%	7.3%	7.8%	14.8%	18.8%
Australia and New Zealand	1.5%	1.9%	1.0%	1.4%	0.5%	0.6%	1.1%	1.4%
European Countries	4.9%	5.8%	4.0%	5.3%	3.2%	3.9%	4.1%	5.2%
North American Countries	3.1%	3.9%	3.0%	4.4%	2.1%	2.3%	2.8%	3.8%
Others e.g. Central and South America, African Countries	0.5%	0.4%	0.3%	0.5%	1.0%	1.1%	0.5%	0.6%
All Regions	100%	100%	100%	100%	100%	100%	100%	100%

^{*} All student statistics shown above include students on UGC-funded, self-funded as well as outreach programmes. Exchange-in and visiting students are excluded.

► HKU SCHOOL OF PROFESSIONAL AND CONTINUING EDUCATION (HKU SPACE)

ENROLMENT OF STUDENTS IN PROGRAMMES RUN BY HKU SPACE IN 2021-22



► GRADUATES*

Cumulative Number of Alumni as of August 2022 265,167

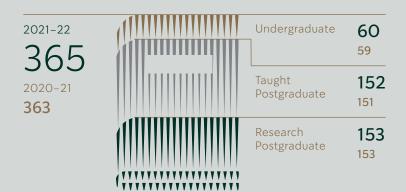


DISTRIBUTION OF NON-LOCAL GRADUATES (BASED ON NATIONALITY)

	Undergrad	duate	Taught Po	stgraduate	Research I	Postgraduate	All Levels	
Region	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21
				Hea	dcount			
Mainland China	490	453	3,846	2,701	418	377	4,754	3,531
Other Asian Countries	345	337	194	217	40	43	579	597
Australia and New Zealand	17	26	24	38	1	7	42	71
European Countries	61	75	131	135	21	26	213	236
North American Countries	39	43	109	121	13	12	161	176
Others e.g. Central and South America, African Countries	5	3	10	17	6	4	21	24
All Regions	957	937	4,314	3,229	499	469	5,770	4,635
					%			
Mainland China	51.2%	48.3%	89.2%	83.6%	83.8%	80.4%	82.4%	76.2%
Other Asian Countries	36.1%	36.0%	4.5%	6.7%	8.0%	9.2%	10.0%	12.9%
Australia and New Zealand	1.8%	2.8%	0.6%	1.2%	0.2%	1.5%	0.7%	1.5%
European Countries	6.4%	8.0%	3.0%	4.2%	4.2%	5.5%	3.7%	5.1%
North American Countries	4.1%	4.6%	2.5%	3.7%	2.6%	2.6%	2.8%	3.8%
Others e.g. Central and South America, African Countries	0.5%	0.3%	0.2%	0.5%	1.2%	0.9%	0.4%	0.5%
All Regions	100%	100%	100%	100%	100%	100%	100%	100%

^{*} All graduate statistics shown above include graduates on UGC-funded, self-funded as well as outreach programmes.

► NUMBER OF PROGRAMMES#

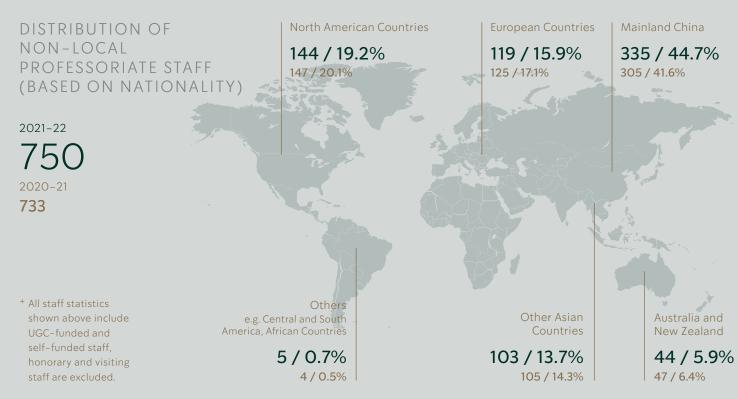


The number of programmes listed include where applicable, programmes offered in the full-time and part-time modes which are counted as separate programmes. The counting of research postgraduate programmes is based on the academic departments with research postgraduate students enrolled in the year under reference.

55

► STAFF+





► RESEARCH

RESEARCH FUNDING

HK\$ (in million)

Block Grant from Research Grants Other External **University Grants** Council / University Sources# Committee **Grants Committee*** 468.9 / 9.2% 1,212 / 23.7% 3,115.4 / 61% 2,801.8 / 52% 860.2 / 16% 1, 279 / 23.7%

Income from Research-related **Endowment Funds**

313 / 6.1% 449 / 8.3% 2020-21

5,390

2021-22

Total Research Funding

RESEARCH PROJECTS

Ongoing and new

		Research Gran	ts Projects	Research Cont	ract Projects	All	
		No. of Projects	HK\$ M	No. of Projects	HK\$ M	No. of Projects	HK\$ M
Biology and Medicine	2021-22 2020-21	4,122 3,860	8,129.9 7,224.7	381 357	1,222.6 1,330.5	4,502 4,216	9,352.5 8,555.2
Engineering	2021-22 2020-21	816 765	1,201.7 1,048.7	147 154	216.7 199.6	963 919	1,418.4 1,248.4
Humanities, Social Sciences and Business Studies	2021-22 2020-21	1,546 1,544	2,191.2 2,163.8	156 197	326.6 363.1	1,702 1,741	2,517.8 2,526.9
Physical Sciences	2021-22 2020-21	637 588	806.5 713.4	38 39	87.8 86.4	675 627	894.4 799.8
All Disciplines	2021-22 2020-21	7,121 6,757	12,329.3 11,150.7	721 746	1,853.7 1,979.7	7,842 7,503	14,183 13,130.4

CUMULATIVE NUMBER OF PATENTS GRANTED

Since 1998 and up to June 2022

1,065



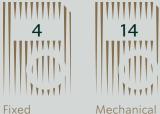




Transporting







Constructions



Engineering,

Lighting, Heating,

Weapons, Blasting





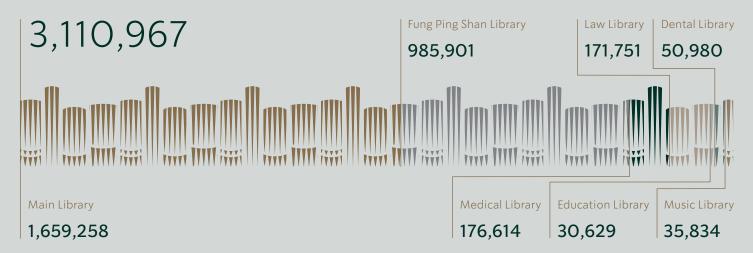


Multiple+

Metallurgy

► LIBRARY RESOURCES

NUMBER OF BOUND VOLUMES IN MAIN AND SPECIALIST LIBRARIES 2021-22



E-RESOURCES 2021-22



STUDENT LEARNING SUPPORT RESOURCES / SERVICES 2021-22



Total Library Seats

2,921



24 Hours Library Seats for All

106



Wireless Network Access Points

207



Group Discussion Rooms

50



Computer Workstations

453



Postgraduate Library Workshops

84



Single Study Carrels / Rooms for Postgraduate Students Main Library

60

Law Library 38

Medical Library 33



Information and Referral Service

TOTAL NUMBER OF REGISTERED LIBRARY USERS 2021-22



134,868

^{*} No matching grant was released to HKU under the Research Matching Grant Scheme in

²⁰²¹⁻²² as the funding ceiling had already been attained in 2020-21 # Includes the following fund sources: government, private, industry and HKU Foundation.

⁺ Multiple types refer to patent granted which covers more than one of those types specified.

As of June 2022



Wired Network Access Points

57,788



Wireless Network Access Points

9,204



Total Bandwidth for Direct Connection to the Internet and Research / Education Networks

22 Gbps



Aggregated Central Computing Power for Teaching and Research Purposes (Theoretical Peak Computing Speed)

AN ANALYSIS OF CONSOLIDATED INCOME AND EXPENDITURE

For the year ended June 30, 2022 In thousands of Hong Kong dollars

► FINANCE

REVENUE

10,628,270

EXPENDITURE 11,610,591

Teaching and Research 66.1% 7,678,155

Government Subventions

6,164,559 58%

Tuition, Programmes and Other Fees

4,114,089 38.7%

1,142,769 10.8%

Donations and Benefactions

1,017,597 9.6%

Auxiliary Services

351,039 3.3%

Interest and Investment Loss

(2,161,783) -20.3%

Other Income

4.3% 497,635

Central Computing Facilities 2% 227,698

Other Academic Services

1.8% 210,428

Teaching, Learning and Research 74.2% 8,613,916

Premises and Related Expenses

12.6% 1,468,355

Student and General Education Services

5.9% 690,154

Management and General

4.9% 569.612

Other Activities

2.3% 268.554

25.8% 2,996,675

► GIVING TO HKU

DONATION FACTS 2021-22

Total Number of Gifts Received

5,690

Total Amount of Donations

HK\$1,005M

Total Number of Donors

4,212

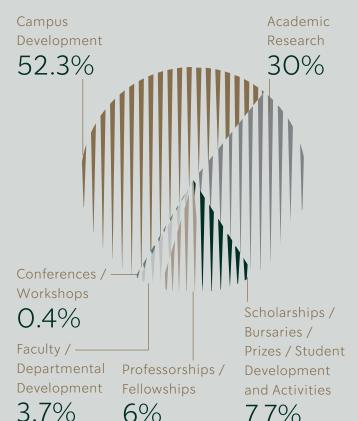
Number of First-time Donors

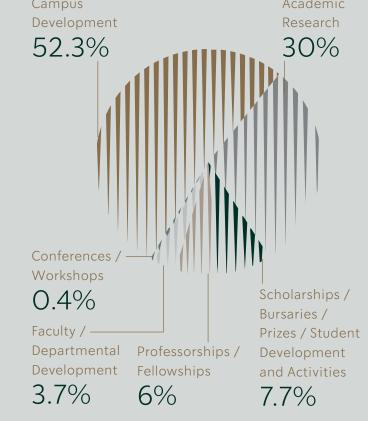
3,317

Ratio of Alumni vs Non-alumni Donors

84:16

DISTRIBUTION OF DONATIONS 2021-22





► SPACE

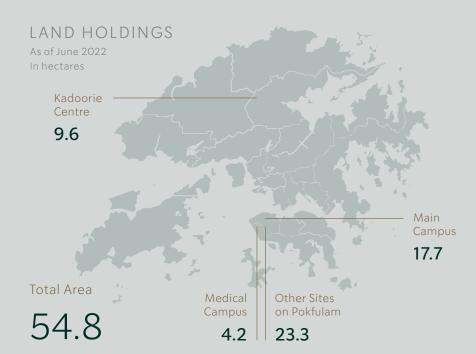
DISTRIBUTION OF SPACE BY CATEGORIES BASED ON TOTAL GROSS COVERED FLOOR AREA

As of June 2022



HKU SPACE GROSS COVERED FLOOR AREA

40,553 sq.m.



HALLS AND STUDENT RESIDENCES

As of June 2022



AN EXTRACT FROM THE UNIVERSITY'S ANNUAL ACCOUNTS 2021-22

► OVFRVIFW

The financial year 2021-22 was the last year of the 2019-22 triennium.

In face of the persistence of the COVID-19 pandemic locally and globally, the University adopted measures to maintain a safe and healthy environment on campus. With outstanding contributions from its members, the University also provided a range of support to help society combat COVID-19. This included the turning of the historic Loke Yew Hall into the HKU LYH Community Vaccination Centre to provide BioNTech vaccinations to citizens. This centre was staffed by a team of volunteer doctors from the University, and retired doctors and nurses.

The Group demonstrated its commitment to provide worldclass education and research, and delivered impact through internationalisation, innovation and interdisciplinarity.

In preparing the consolidated financial statements, the Group has adopted certain new / revised Hong Kong Financial Reporting Standards (HKFRS) issued by the Hong Kong Institute of Certified Public Accountants which are relevant and applicable to the Group's operation and comply with the Statement of Recommended Practice for the University Grants Committee (UGC)-Funded Institutions.

During the financial year, the Group recorded a deficit of HK\$979 million, largely due to the negative return on investments resulting from the challenging financial markets. Investment performance retreated as inflation and interest rates globally reversed course and started to climb, thus leading to corrections in almost all asset classes, including bonds and equities.

The University's Annual Accounts can be found at www.feo.hku.hk/finance/.



Any correspondence or feedback on this extract or the accounts should be emailed to finance-mail@hku.hk.

► RESULTS OF THE YEAR

The Group's consolidated results for the year ended 30 June, 2022 are summarised as follows: 2022 2021

	HK\$ (in million)	,	
ncome	10,628	14,649	
xpenditure	(11,610)	(11,251)	
Deficit) / Surplus from Operations	(982)	3,398	
hare of Surplus of Joint Ventures and Associates	14	19	
Deficit) / Surplus for the Year	(968)	3,417	
Other Comprehensive (Loss) / Income	(11)	22	
otal Comprehensive (Loss) / Income	(979)	3,439	

The consolidated income for the year 2021–22 was HK\$10,628 million, a decrease of HK\$4,021 million from last year. This was mainly due to investment losses incurred during the year.

The consolidated expenditure increased slightly by 3% to HK\$11,610 million (2020-21: HK\$11,251 million), of which HK\$8,614 million (2020-21: HK\$8,358 million) was expended on the Group's teaching, learning and research activities.

FINANCIAL OUTLOOK

The financial year 2021–22 concluded the triennium of 2019–22. The University has a strong commitment to intellectual freedom, liberty and diversity.

For the pursuit of the University's education mission, the University will continue to invest in human resources, infrastructure and technology upgrades in order to bring high calibre professors and attract top-scoring students. The University has kick-started a number of capital projects like the Tech Landmark at University Drive, building an innovative science and engineering hub of research and technology; the iconic academic, cultural and sports facilities complex at Pokfield Road site: and various student hostels.

The University will remain prudent and yet flexible in financial management and will continue to ride on its successes to take it to the next level and fulfilling its commitment to be Asia's leading global university.

6

► CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME

For the year ended June 30, 2022 In thousands of Hong Kong dollars

Revenue Government Subventions Tuition, Programmes and Other Fees		2021
Tuition, Programmes and Other Fees	6,164,559	5,917,304
	4,114,089	3,459,675
Donations and Benefactions	1,017,597	579,719
Auxiliary Services	351,039	345,805
Interest and Investment (Loss) / Gain	(2,161,783)	3,301,846
Other Income, Net	1,142,769	1,044,264
	10,628,270	14,648,613
Expenditure		
Teaching, Learning and Research		
Teaching and Research	7,678,155	7,389,199
Library	210,428	240,778
Central Computing Facilities	227,698	228,655
Other Academic Services	497,635	499,054
Institutional Support		
Management and General	569,612	536,966
Premises and Related Expenses	1,468,355	1,509,766
Student and General Education Services	690,154	586,118
Other Activities	268,554	260,380
(Deficit) / Surplus for the Year before Share of Joint Ventures and Associates	(982,321)	3,397,697
Share of Surplus of Joint Ventures	14,520	19,796
Share of Deficit of Associates	(348)	(186)
(Deficit) / Surplus for the Year	(968,149)	3,417,307
Other Comprehensive (Loss) / Income		
	e	
Items that may be recognised in the Consolidated Statement of Comprehensive Income		
Items that may be recognised in the Consolidated Statement of Comprehensive Income Exchange Differences	(4,364)	12,483
	(4,364) (1,201)	12,483
Exchange Differences		
Exchange Differences Share of Other Comprehensive (Loss) / Income of a Joint Venture Items that will not be recognised subsequently in the Consolidated Statement of		
Exchange Differences Share of Other Comprehensive (Loss) / Income of a Joint Venture Items that will not be recognised subsequently in the Consolidated Statement of Comprehensive Income	(1,201)	452

► CONSOLIDATED STATEMENT OF FINANCIAL POSITION

As at June 30, 2022 In thousands of Hong Kong dollars

	2022	2021
Assets		
Non-Current Assets		
Property, Plant and Equipment	10,264,655	8,936,554
Right-of-Use Assets	2,135,476	1,835,811
Intangible Assets	11,344	9,207
Interests in Associates		5,900
Interests in Joint Ventures	290,938	278,265
Financial Investments at Amortised Cost	1,451,294	1,885,183
Financial Assets at Fair Value through Profit or Loss	15,615,862	17,555,384
Loans Receivable and Assets Classified as Held for Sale	2,957	3,171
Accounts Receivable, Prepayments and Deposits	794,953	732,248
Defined Benefit Retirement Scheme Assets	14,801	20,231
	30,582,280	31,261,954
Current Assets	,,	,,
Financial Investments at Amortised Cost	503,591	521,254
Financial Assets at Fair Value through Profit or Loss	268,842	348,186
Loans Receivable and Assets Classified as Held for Sale	107,190	113,453
Inventories	3,014	2.226
Accounts Receivable, Prepayments and Deposits	1,489,462	1,255,074
Amount Due from a Joint Venture	16,936	19,710
Bank Deposits with Original Maturity over Three Months	8,147,451	6,629,463
Cash and Cash Equivalents	2,264,926	2,954,454
Cash and Cash Equivalents	12,801,412	
		11,843,820
Total Assets	43,383,692	43,105,774
- Funds		
UGC Funds	2,383,799	2,342,953
Restricted Funds	10,355,117	10,820,469
Other Funds	17,243,126	17,797,519
Total Funds	29,982,042	30,960,941
otarronds	23,302,042	30,300,341
iabilities		
Non-Current Liabilities		
Accounts Payable and Accruals	94,406	55,481
Employee Benefit Accruals	24,209	42,863
Loans and Borrowings	95,008	95,008
Lease Liabilities	290,348	141,149
Deferred Capital Funds	4,514,788	3,600,457
	5,018,759	3,934,958
Current Liabilities		
Accounts Payable and Accruals	3,956,541	3,643,459
Amount Due to a Joint Venture	-	2,040
Employee Benefit Accruals	859,164	888,419
Loans and Borrowings	60,270	67,200
Lease Liabilities	97,804	91,288
Deferred Income	3,409,112	3,517,469
	8,382,891	8,209,875
Total Liabilities	13,401,650	12,144,833
Total Funds and Liabilities	43,383,692	43,105,774
Net Current Assets	4,418,521	3,633,945
Total Assets Less Current Liabilities	35,000,801	34,895,899
Total Assets Less Current Liabilities	33,000,801	34,035,833

OFFICERS OF THE UNIVERSITY*

As at November 15, 2022

CHANCELLOR The Honourable John Lee Ka Chiu, GBM, SBS,

PDSM. PMSM

MPubPol&Admin CSturt

PRO-CHANCELLOR Dr the Honourable Sir David Li Kwok Po,

GBM, GBS, JP

HonLLD Cantab, Warw and HK;

HonDSSc CUHK

PRESIDENT AND Professor Xiang Zhang, JP

VICE-CHANCELLOR MS/BS Nanjing; MS Minn; PhD Berkeley;

MCAS; MNAE; MAS

PROVOST AND

DEPUTY VICE-CHANCELLOR

Professor Richard Wong Yue Chim, SBS, JP

AB, AM, PhD Chic

EXECUTIVE VICE-PRESIDENT (ADMINISTRATION AND FINANCE)

(ACTING)

Ms Jeannie Tsang Wing Shi BSocSc HK; MA Lond

VICE-PRESIDENT AND PRO-VICE-CHANCELLOR (ACADEMIC DEVELOPMENT) Professor Gong Peng

BSc, MSc Nanjing; PhD Waterloo

VICE-PRESIDENT AND PRO-VICE-CHANCELLOR (TEACHING AND LEARNING) Professor Ian Michael Holliday

MA Cantab; MPhil, DPhil Oxon

VICE-PRESIDENT AND PRO-VICE-CHANCELLOR Professor Max Shen Zuojun BEng Shandong; MEng Tsinghua;

PhD Northwestern

TREASURER

(RESEARCH)

Mrs Margaret Leung Ko May Yee, SBS, JP

BSocSc HK

DEANS OF FACULTIES

► ARCHITECTURE Professor Christopher John Webster

BSc, MSc Wales; PhD Hull

► ARTS Professor Derek Burton Collins

BA, MA Calif; PhD Harv

► BUSINESS AND ECONOMICS Professor Cai Hongbin

BS Wuhan; MEcon Peking; MS, PhD Stan

► DENTISTRY Professor Thomas Frank Flemmig

MBA Duke; Dr med dent Freiburg;

Dr med dent habil Würzburg

► EDUCATION Professor Yang Rui

BA Anhui; MEd Fujian Normal; PhD Syd

► ENGINEERING Professor David Joseph Srolovitz

BS Rutgers; MS, PhD Penn

► LAW Professor Fu Hualing

LLB SW Pol Sc & Law; MA Tor; JD York

Professor Wallace Lau Chak Sing, BBS, JP ► MEDICINE

> MBChB, MD Dundee; FRCP Edin; FRCP Glas; FRCP Lond; FACR; FHKCP; FHKAM (Medicine)

► SCIENCE Professor Zhou Qiang

BSc USTC; PhD Los Angeles

► SOCIAL SCIENCES Professor Wen Ming

BSc Peking; MA, MSc, PhD Chic

DEAN OF STUDENT AFFAIRS Professor Samson Tse Shu Ki

MSc, PhD Otago; PDOT HKPU; DipSocSc Massey

REGISTRAR Ms Jeannie Tsang Wing Shi

BSocSc HK; MA Lond

DIRECTOR OF FINANCE Mr Tony Lo Tung Sing

BBA CUHK; MSc Lond; CPA(Aust); CPA

LIBRARIAN Ms Flora Ng Lai Kuen

BAppSc Tor; MASc Waterloo

DIRECTOR OF ESTATES Mr Tam King Leung

FHKIE; FHKICM; MCCES; RPE

65

^{*} Officers of the University are listed in the University Ordinance and Statutes.

THE COURT

As at November 15, 2022

As	at November 15, 2022		
>	CHANCELLOR		The Honourable John Lee Ka Chiu
	PRO-CHANCELLOR		Dr the Honourable Sir David Li Kwok Po
	PRESIDENT AND VICE-CHANG	CELLOR	Professor Xiang Zhang
	PROVOST AND DEPUTY VICE-	-CHANCELLOR	Professor Richard Wong Yue Chim
	VICE-PRESIDENTS AND PRO-	VICE-CHANCELLORS	Professor Gong Peng Professor Ian Michael Holliday Professor Max Shen Zuojun Ms Jeannie Tsang Wing Shi
	TREASURER		Mrs Margaret Leung Ko May Yee
>	LIFE MEMBERS OF COURT		Dr the Honourable Victor Fung Kwok King Dr the Honourable Leong Che Hung Professor the Honourable Arthur Li Kwok Cheung The Honourable Sir Ti Liang Yang
•	MEMBERS OF THE COUNCIL	CHAIRMAN	Ms Priscilla Wong Pui Sze
		SIX PERSONS, NOT BEING STUDENTS OR EMPLOYEES OF THE UNIVERSITY, APPOINTED BY THE CHANCELLOR	Mr Jason Chiu Ms Winnie Chiu Wing Kwan Professor Ian Grenville Cross Mr Charles Li Xiaojia Mr Abraham Shek Lai Him Mr John Zhao
		SIX PERSONS, NOT BEING STUDENTS OR EMPLOYEES OF THE UNIVERSITY, APPOINTED BY THE COUNCIL	Professor Chow Shew Ping Mr Daryl Ng Win Kong The Honourable Jimmy Ng Wing Ka Dr Thomas Brian Stevenson
		TWO PERSONS, NOT BEING STUDENTS OR EMPLOYEES OF THE UNIVERSITY, ELECTED BY THE COURT	Professor Henry Chan Hin Lee Mr David Lau Pak Wai
		PRESIDENT AND VICE-CHANCELLOR	
		TREASURER	
		FOUR FULL-TIME TEACHERS ELECTED IN ACCORDANCE WITH REGULATIONS	Professor Daniel Chan Tak Mao Professor Danny Chan Professor Chen Zhiwu
		ONE FULL-TIME EMPLOYEE OF THE UNIVERSITY, NOT BEING A TEACHER, ELECTED IN ACCORDANCE WITH REGULATIONS	Dr Chu Yiu Leung
		ONE FULL-TIME UNDERGRADUATE STUDENT ELECTED IN ACCORDANCE WITH REGULATIONS	Mr Jason Wong Ching Hin
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