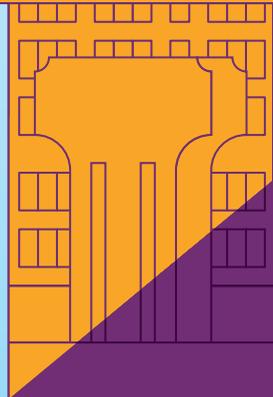
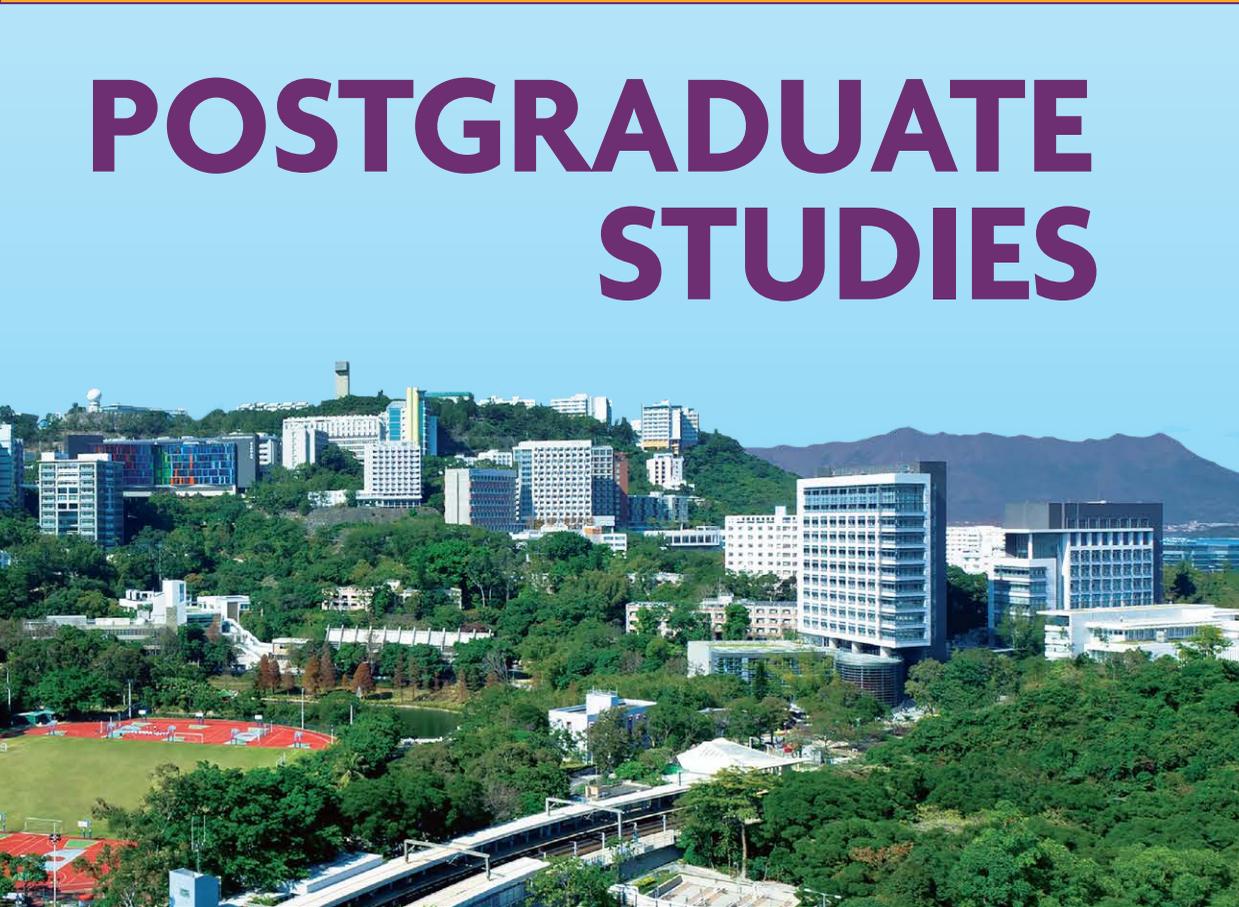




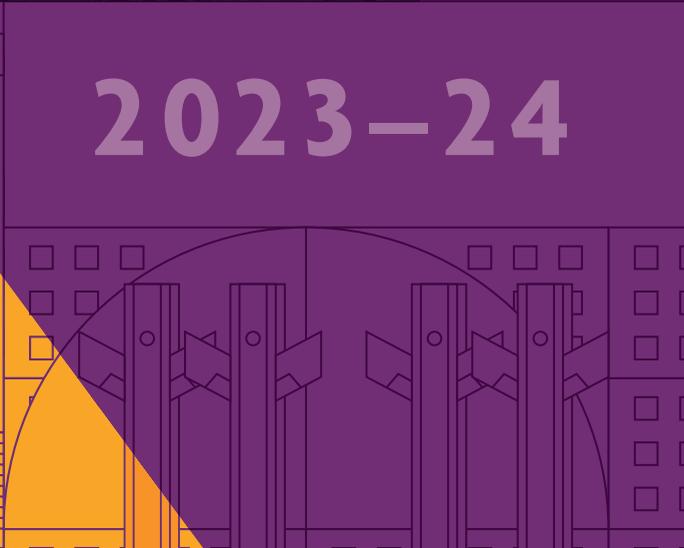
香港中文大學  
The Chinese University of Hong Kong

CUHK  
**GraduateSchool**  
香港中文大學研究院

# POSTGRADUATE STUDIES



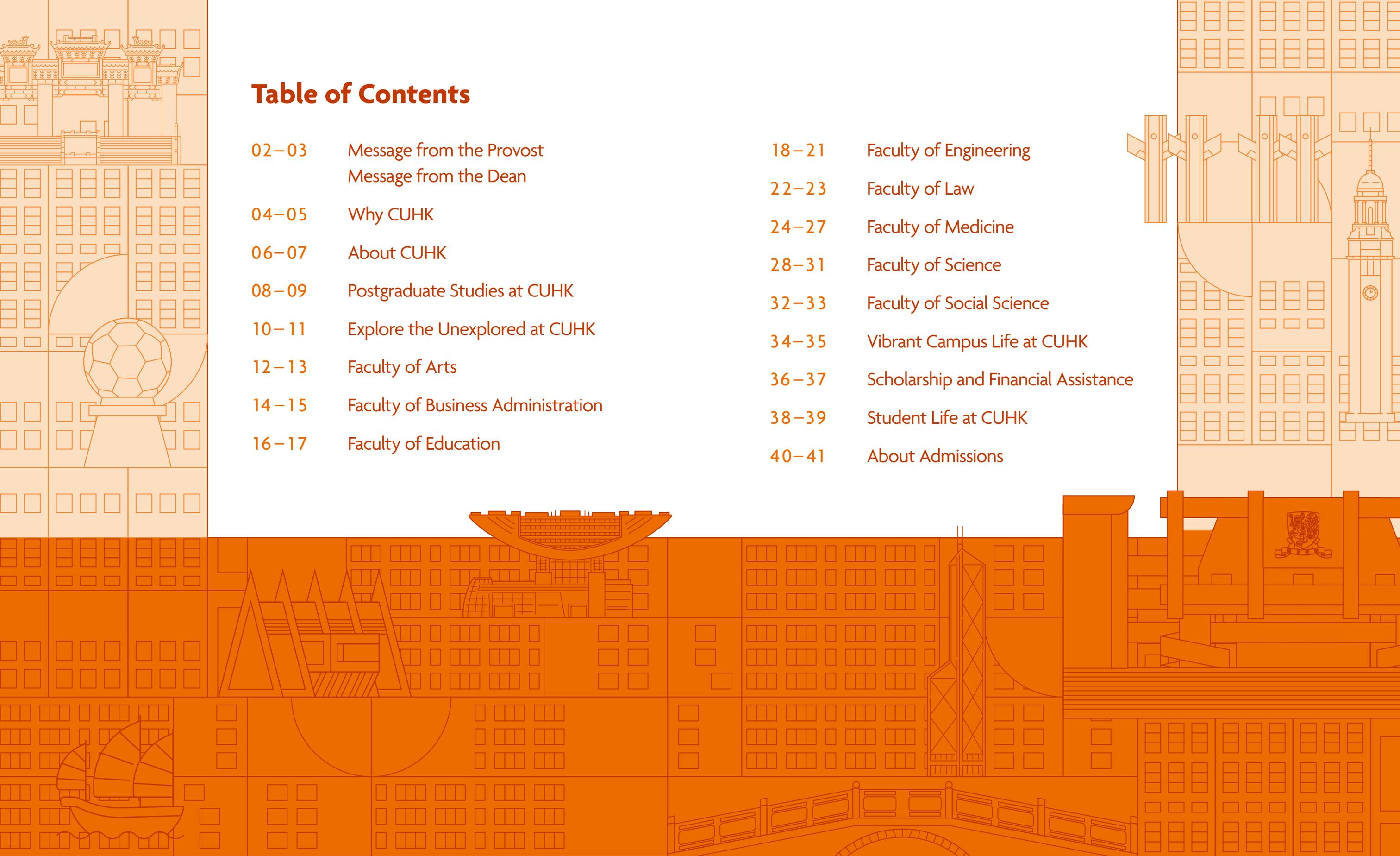
CUHK



2023-24

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## MESSAGE FROM THE PROVOST

Welcome to The Chinese University of Hong Kong (CUHK).

We understand that pursuing graduate studies is a major decision not to be taken lightly. Whether you are considering a research or coursework programme, you will want to have as much information as possible to make an informed choice. I hope you will find the following pages helpful to your deliberation.

CUHK is a comprehensive research-led university with a mission of advancing the frontiers of knowledge for the betterment of humanity. Consistently ranked among the best universities in the world, it is home to a talented team of international scholars and scientists, globally recognised for their cutting-edge research in a wide array of disciplines. Interdisciplinary collaboration in both education and research is a hallmark of the University. Innovation is fully integrated into the learning experience and the research environment. Strong links with institutions of higher learning in mainland China and around the world create opportunities to foster not only knowledge production and scientific breakthroughs but also a deeper understanding between China and the West.

CUHK was established in 1963 and is still growing. In 2023, the University will be celebrating its 60<sup>th</sup> anniversary. With its beautiful campus and excellent facilities, the University aims to provide not only the support needed for our students to excel in their work but also an environment that is conducive to personal development. Diversity and inclusion are core values of the University. The COVID-19 pandemic and other pressing global challenges — climate change, demographic shifts, rapid urbanisation, health inequity and deep geopolitical fissures, to name but a few — make it all the more important for universities and societies to focus on nurturing talent and supporting research. CUHK has recognised strengths especially in the areas of innovative biomedicine, information and automation technology, environment and sustainability, and China studies, and is committed to spearheading impactful research that will contribute to sustainable development. We invite you to join us in this effort and become a member of the CUHK community.

### **Prof. Alan K.L. CHAN**

Provost  
J.S. Lee Professor of Chinese Culture



## MESSAGE FROM THE DEAN

Welcome to the CUHK Graduate School.

With more than 50 years' experience since its establishment, the Graduate School now offers over 220 postgraduate programmes awarding more than 6,000 postgraduate degrees, diplomas, and certificates each year. The wide spectrum of programmes we offer contributes to CUHK's mission to be a leading comprehensive research university in the world.

Postgraduate students at CUHK come from around the globe and are nurtured by our distinguished academics to become leaders in a world striving for both excellence and sustainability. Our cutting-edge learning resources and state-of-the-art hostel facilities on a green campus provide the perfect backdrop for young scholars to immerse themselves in a culturally diverse and intellectually stimulating environment.

As part of CUHK's commitment to world-class education and internationalisation, the Graduate School is dedicated to facilitating Faculties in establishing collaborations with prestigious universities/research institutes both overseas and in mainland China. Such collaborations provide students with innovative programme offerings such as dual degrees, joint PhD supervision, research attachment, exchanges, and internships that will well equip them for dynamic and global careers.

In addition to a wide range of student awards and grants, we provide a rich array of scholarships, such as the Vice-Chancellor's PhD Scholarship Scheme, to attract the world's best talent to join the CUHK family.

While Faculty supervisors will guide you through your academic endeavours, our colleagues in the Graduate School Office are committed to providing the necessary support and advice for your postgraduate studies.

I warmly invite you to explore the wealth of information on the Graduate School website.

### **Prof. Anthony M.C. SO**

Dean, Graduate School  
Professor, Department of Systems Engineering and Engineering Management

# Why HONG KONG?



Perfect entry point to mainland China



Asia's World City



Official Languages: English and Chinese (Cantonese and Mandarin)



Internationalisation

# Why CUHK?

**38<sup>th</sup>**

**in the World**  
QS World University Rankings 2023

**7<sup>th</sup>**

**in Asia**  
Times Higher Education Asia University Rankings 2022

**1<sup>st</sup>**

**in Hong Kong**  
2021 Academic Ranking of World Universities



**No. 1**

The Largest Campus in Hong Kong (137.3 hectares) with **9,000+** Hostel Places



Approx. **1,700** Full-time Teaching Staff



**30,000+**

Undergraduate and Postgraduate Students



HK\$ **1,245M**

External Research Funding 2020–21



Approx. **300**

Research Institutes and Centres



**6,700+**

Research Output in 2020–21 (Excluding patents)



**240,000+**

Alumni



CUHK

HK\$ **404M**

Scholarships and Financial Aid to Students in 2020–21



7 Libraries with over **2.4 Million** Books and **5.1 Million** Electronic Books



# About CUHK

CUHK is a highly esteemed, forward-looking comprehensive research university recognised for its excellence both regionally and globally. Founded in 1963, it is the second oldest university in Hong Kong.

## Strategic Research Areas at CUHK

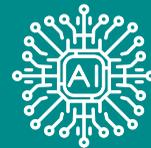
CUHK aims at consolidating its position as a centre of excellence for cutting-edge, interdisciplinary research with a global impact, seeking to optimise opportunities and make significant contributions to society by translating research findings into practical applications. Our current research strengths lie in the following four major research areas:



China: Tradition and Modernity



Innovative Biomedicine



Information and Automation Technology



Environment and Sustainability

## Areas of Excellence

The University Grants Committee (UGC) has provided preferential funding to enable local tertiary institutions to conduct cutting-edge research. Out of 28 projects, the following 11 Areas of Excellence projects are led by researchers at CUHK:

- Aging, Skeletal Degeneration and Regeneration
- Centre for Genomic Studies on Plant-Environment Interaction for Sustainable Agriculture and Food Security
- Centre for Medical Engineering of Molecular and Biological Probes
- Centre for Organelle Biogenesis and Function
- Centre for Plant and Agricultural Biotechnology
- Centre for Research into Circulating Fetal Nucleic Acids
- Chinese Medicine Research and Further Development
- Information Technology
- Institute of Network Coding
- Probing the Fundamental Structure of Matter with High Energy Particle Collisions
- The Historical Anthropology of Chinese Society



## Research Institutes and Centres

CUHK boasts approximately 300 research institutes and research centres that specialise in interdisciplinary research of the highest quality. The University has established a number of joint research units in partnership with external academic institutions, which allows us to pool resources for the advancement of knowledge in various subject areas.

## State Key Laboratories

With the approval of the Ministry of Science and Technology of China, CUHK has established the following five State Key Laboratories, which enable the country's most accomplished scientists and scholars to conduct pioneering research.

- State Key Laboratory of Agrobiotechnology (CUHK)
- State Key Laboratory of Digestive Disease (CUHK)
- State Key Laboratory of Research on Bioactivities and Clinical Applications of Medicinal Plants (CUHK)
- State Key Laboratory of Synthetic Chemistry
- State Key Laboratory of Translational Oncology (CUHK)

## CUHK InnoHK Centres

CUHK has established six InnoHK Centres covering health, biomedicine, robotics and artificial intelligence. The Centres were established under the Hong Kong Government's InnoHK initiative and utilised CUHK's world-class research to generate applications with translational impact on local, national and global scales. Combining expertise from CUHK and leveraging partnerships with prestigious global universities, the Centres position Hong Kong as a global powerhouse of innovation, connecting the world with the rapidly emerging research and innovation ecosystem of the Greater Bay Area.

### Health@InnoHK

- Centre for Neuromusculoskeletal Restorative Medicine
- Centre for Novostics
- Microbiota I-Center

### AIR@InnoHK

- Centre for Perceptual and Interactive Intelligence
- Hong Kong Centre for Logistics Robotics
- Multi-Scale Medical Robotics Centre

Established in 1966, CUHK's Graduate School is the first of its kind in Hong Kong. Since then, CUHK has cultivated higher degree graduates who can serve the increasingly sophisticated needs of society and contribute to the pool of human knowledge through top-quality research. Today, the University is truly multicultural, with faculty and students from across the globe. There are currently over 13,000 postgraduate students, of whom a substantial proportion are non-local.

The Graduate School offers a variety of study options to suit the different needs of students, ranging from the degree of Doctor of Philosophy (PhD), Master of Philosophy (MPhil) to Taught Doctoral degree, Taught Master's degree, Postgraduate Diploma and Postgraduate Certificate.

**220+**   
Postgraduate Programmes Offered  
by 60 Graduate Divisions

**70%+**   
Non-local Research  
Postgraduate Students

**13,000+**   
Postgraduate Students  
from 50 Countries/Regions

Annual Intake of **7,600+**   
Postgraduate Students

**6**   
Postgraduate Halls

**1,600+**   
On-campus Postgraduate  
Hostel Places

## Postgraduate Studies at

# CUHK

Information in 2021



# Explore the Unexplored



Gate of Wisdom  
by Mr. Ming JU

# Faculty of ARTS

The Faculty of Arts plays a key role in CUHK's commitment to the integration of Chinese and Western traditions, bilingual education and innovative research.

CUHK is ranked 34<sup>th</sup> in the QS World University Rankings 2022 for Arts and Humanities. We offer training in the largest number of academic disciplines within the humanities in Hong Kong. Our 14 Graduate Divisions, which currently offer over 40 postgraduate programmes, are well-positioned to engage diverse and passionate faculty members and students who are dedicated to upholding our finely honed traditions of learning, teaching and research.

Our academic staff of close to 300 professors and lecturers help train not only new generations of scholars in different fields, but also imaginative learners and responsible citizens. We believe that the study of languages, cultures, religions, creative arts, history and philosophy fosters a humanistic spirit and enables us to better engage with a diverse global community.

We pursue impactful, innovative scholarship that deepens our understanding of the human experience and responds to the challenges of the contemporary world. We aspire to become one of the most vibrant and inspiring centres of arts and humanities education and research in Asia.

## Research Excellence

The academic staff at the Faculty of Arts are well-positioned to undertake cutting-edge interdisciplinary scholarship and collaborations. As humanities scholars, they seek not only to develop new knowledge and ideas but also to become insightful and engaging educators. The Faculty's emphasis is on original research that strives for imagination and creativity, inspiration and curiosity, as well as reflection and critical thought on issues that explore the fundamental conditions of human existence.

The Faculty regularly receives funding from the Research Grants Council (RGC), which supports research of high academic merit. In addition to individual-led research projects, the Faculty encourages collaborative and interdisciplinary research among departments and faculties in the University and with universities and research institutions in the region and around the world. There are also externally funded collaborative research projects that encompass a broad spectrum of fields in the arts and humanities, such as psychology, biomedicine and life sciences.

## Research Impact

The Faculty of Arts is committed to conducting research in the arts and humanities that has a global impact.

In 2021, SignTown, the world's first multi-sign-language online game based on sign linguistics and AI-technology for sign language recognition, was launched through a project co-directed by Professor Gladys Tang and Professor Felix Sze of the Department of Linguistics and Modern Languages, in collaboration with Google and Kwansei Gakuin University in Japan. SignTown contributes to social inclusion through enhancing public awareness about sign language and the deaf community.

Also in 2021, Professor Siu Kee Ho of the Department of Fine Arts received funding from the Hong Kong Jockey Club Charities Trust to start a youth craft education programme called 'Handmade Wellbeing'. This project brings significant cultural and social impacts on society through teaching traditional handicraft and culture to secondary school students and promoting the use of handmade functional wares.



**Prof. Frederick LAU**

**Chairperson and Professor,  
Department of Music  
Director of Centre for  
Chinese Music Studies**

My role as a scholar and teacher of ethnomusicology is to help research postgraduate students to uncover the significance of music in different cultures. Focusing on sound as a production of society, I teach students to engage with music critically, analytically, and discursively as a way to understand the complexity of the world.

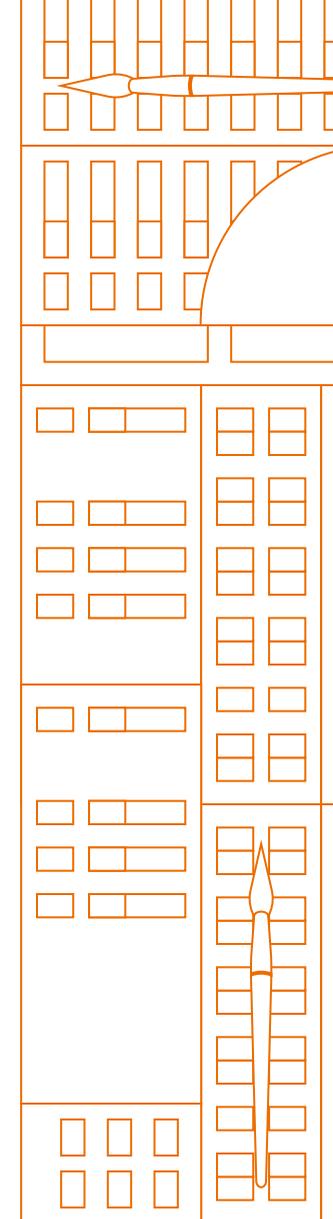


**David Andrew HASLETT**

from Canada

**PhD student in Linguistics  
(HKPFS awardee)**

As a PhD student in the Department of Linguistics and Modern Languages, I've been able to conduct research while also taking a variety of courses. This ensures breadth of knowledge along with hands-on experience in designing experiments, analysing data and presenting findings at conferences and publishing them in journals.





Faculty of

# BUSINESS ADMINISTRATION



The CUHK Business School has blazed a trail for business education since 1963. Leadership and innovation are central to our legacy as Asia's first business school to offer BBA, MBA and EMBA programmes.

Our rich learning environment provides opportunities to create, share and apply knowledge, equipping graduates to excel in the Asian Century. With its network of more than 40,000 alumni, the largest of its kind in Hong Kong, the School is creating significant changes in the ever-evolving world of business in Asia and beyond.

## Research Impact

At CUHK Business School, research produces insights that have a significant impact. The 12 research centres promote knowledge advancement across disciplines. Our work not only supports Hong Kong's transformation into a knowledge-intensive, innovation-led society but also creates value for China and the world.

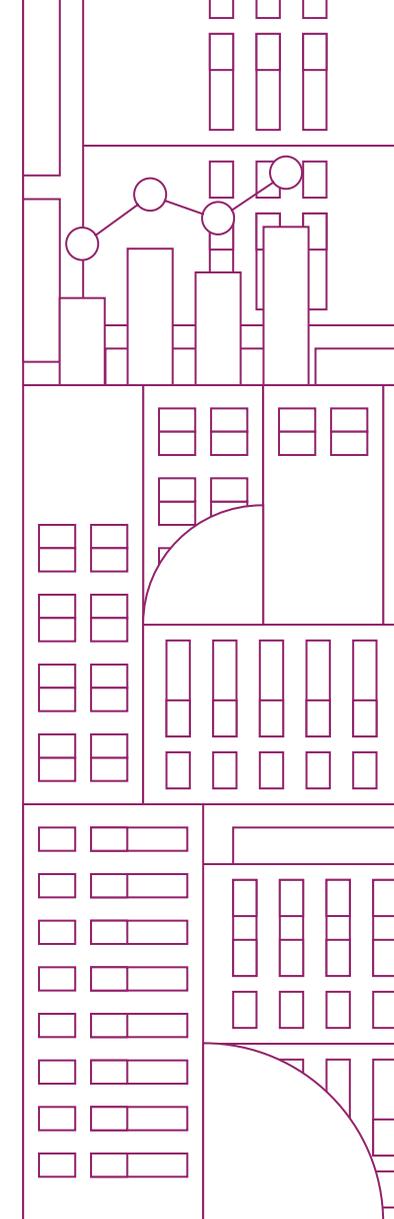
## International Collaboration

We strategically curate immersive international exchange programmes and internships that allow our students to experience different cultures and ways of doing business first-hand.

Students benefit from our extensive international network of over 280 prestigious partner universities in the US, Europe, Oceania and Asia. We offer dual MBA degree programmes with HEC Paris, Rotterdam School of Management, Erasmus University and McCombs School of Business, The University of Texas at Austin, and a dual Master's degree programme with ESCP Europe. We also offer a joint postgraduate teaching programme with the Shanghai National Accounting Institute.

## Corporate Partnership

CUHK Business School has a long history of strategic partnerships with companies in Hong Kong and Greater China, from startups to established enterprises. Our partnership initiatives include collaborative research and curriculum development, as well as business practicum projects and career opportunities for students. Our corporate collaborators currently include Bowtie, Citibank, CR Capital Management, Cyberport, DBS Bank, Dun & Bradstreet, Ernst & Young, Hang Seng Bank, Hong Kong Science & Technology Parks Corporation, Janco, Langham Hospitality Group, Microsoft, New World Development, Red Hill Capital, Sun Hung Kai Properties, Towngas, ZA Group and many more.



**Prof. Keehyung KIM**

**Assistant Professor, Department of Decision Sciences and Managerial Economics**

To solve business problems by harnessing the power of big data, there is an urgent need to understand a set of technologies such as statistical, quantitative and computational methods. We will equip you with the necessary skills to maximise your impact as a data-driven business leader.



**Deric Stephane TOCHE FOKA**

from Cameroon

**MSc Graduate in Information and Technology Management**

The programme allowed me to access many opportunities I never knew existed. I really enjoyed how practical the programme was and greatly appreciate how the industry experts in the programme shared their real-world experiences in various domains.

# Faculty of EDUCATION

The CUHK Faculty of Education is a community of scholars, students and staff who are passionate about improving education. The Faculty is highly ranked among education faculties in the world. Our Faculty has been ranked 21<sup>st</sup> in the world and 4<sup>th</sup> in Asia in the subject category of Education in the Times Higher Education World University Rankings 2022. We are committed to serving and leading the education community through teaching, research and development and service.

We seek to empower future education leaders with the latest theory and practice to transform education to meet challenges in a rapidly changing society.

Learners in the Faculty are expected to be responsible and ethical agents of change who can innovate tools, resources and pedagogies to improve educational practice and equip schools, organisations and communities to rise above social and educational challenges.

## Research Impact

The Faculty of Education has been a leading and productive centre for research and training in Hong Kong since 1965. It has six faculty members who are in the top 2% of educational researchers. In 2021–22, seven projects run by the Faculty were funded by the RGC. Cutting-edge projects, such as Robot for Autism Behavioural Intervention (RABI), Virtual Reality (VR) and Augmented Reality (AR) in Education, address salient education-related issues in local and international settings.

Our four academic departments—Curriculum and Instruction, Educational Administration and Policy, Educational Psychology, Sports Science and Physical Education—form research clusters that conduct cutting-edge research with social value.



**Prof. Ching Sing CHAI**

**Associate Dean  
(Postgraduate Studies)**

**Professor, Department of  
Curriculum and Instruction**

Cultivating education researchers for an increasingly volatile and uncertain world is very challenging. It carries great social responsibilities, as the graduates are likely to shape the lives of many learners. It involves careful and responsive guidance to build the candidates' emerging academic identity and their wisdom to discern what is both doable and worth doing. Despite the challenges, I am glad to have witnessed many young researchers growing into educational leaders.

**Wenxi WU**  
from China

**PhD Student in Education  
(HKPFS awardee)**



CUHK has a campus of unmatched beauty. The Faculty of Education has provided me with a welcoming and supportive environment where I can pursue my genuine passion for academic research, communicate and collaborate with leading scholars in my field and build friendships with talented peers from diverse backgrounds.



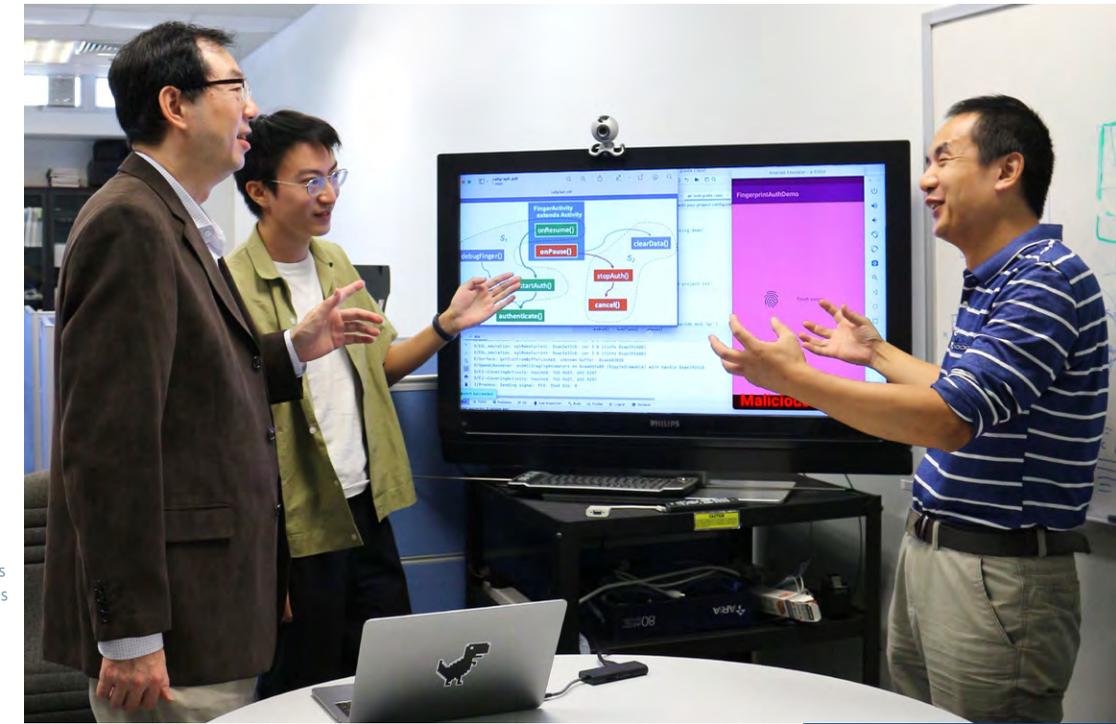
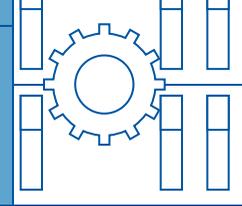
# Faculty of ENGINEERING

The CUHK Faculty of Engineering was founded in 1991 by the late Professor Sir Charles K. Kao, 2009 Nobel Laureate in Physics. After three decades of development, the Faculty has grown into one of the world's top engineering schools, consisting of six academic departments, 130 outstanding faculty members, 2,400 undergraduate students, 800 research postgraduate students and state-of-the-art research facilities.

The Faculty strives to nurture future leaders in engineering, pursue knowledge at the frontiers of science and technology, and apply advanced technology to meet societal and human needs.

Our faculty members rank among the best research talents in the world. Many of them are elected fellows in their respective research communities including IEEE, ACM, ASME, Optica, IET and SPIE.

With over 80 laboratories and diverse interdisciplinary learning activities, the Faculty provides an inspiring and empowering environment for students to pursue their research interests. Our students receive numerous paper and competition awards under the guidance of their supervisors. We are proud that four of our students have been awarded the prestigious Google PhD Fellowship and Microsoft Research PhD Fellowship in the past five years. Our PhD graduates are recognised as being among the top in the world.



An impact case study on 'Protecting billions of stakeholders from critical security vulnerabilities in single-sign-on (SSO) and mobile payment systems via scalable security testing and code analysis' is featured in the RGC RAE summary report

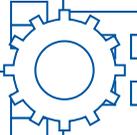
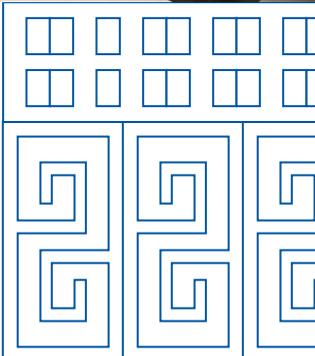
## Research Excellence

At its inception, the Faculty was highly focused on information and communications technologies. We have now expanded beyond computer science, information engineering and electronic engineering to include biomedical engineering, mechanical and automation engineering, systems engineering and engineering management. We have world-leading excellence in Computer Science, Artificial Intelligence, Mechanical Engineering and Information Technologies and our research has had significant societal impacts. Our research strengths include multimedia signal processing, robotics, big data and data analytics, networks, communications, photonics, optimisation and signal processing, and biomedical engineering.

CUHK's Computer Science is ranked 10<sup>th</sup> globally and 1<sup>st</sup> in Hong Kong in the Best Global Universities Rankings by US News & World Report 2022. Our Computer Science/Information Technology and Electrical & Electronic Engineering are ranked 26<sup>th</sup> and 66<sup>th</sup>, respectively, in the QS World University Rankings 2022 by Subject.

Our researchers have advanced the frontiers in research, addressing societal problems in biomedical engineering, energy and sustainability, financial technology, computing, data communications and environmental monitoring. Our research has contributed to the rapid development of the Fourth Industrial Revolution, smart cities, ubiquitous personal health care technologies and the technologies that support the growing digital economy.

The Faculty of Engineering has almost 100% world-leading (4 star) research environments, according to the independent panel of experts commissioned by UGC in the Research Assessment Exercise (RAE) 2020. We have cutting-edge facilities and ample resources to support research, with an average external research grant funding of about HK\$1.3 million per professor per year.





A multidisciplinary research team from CUHK develops an artificial intelligence (AI) system for detecting COVID-19 infections in chest computed tomography (CT) with a privacy preserving multinational validation study

## Research Impact

CUHK built Hong Kong's first internet infrastructure and continues to be the hub of the city's internet traffic. Our professors are pioneers in artificial intelligence and network coding, representing major breakthroughs in information science.

To align with Hong Kong's innovation agenda, CUHK established six InnoHK Centres under the HKSAR's InnoHK initiative, including three led by Engineering faculty members:

- Centre for Perceptual and Interactive Intelligence
- Hong Kong Centre for Logistics Robotics
- Multi-Scale Medical Robotics Center

Benefitting from government support through the Innovation and Technology Commission's Innovation and Technology Support Programme and the RGC's Research Impact Fund and strong industry connections, we are able to deliver impactful research to the public.

Beyond basic and applied research, our researchers have successfully transformed research into start-ups and spin-off companies. At present, the Faculty has successfully seeded two unicorns (valued at over US\$1 billion) — SenseTime and SmartMore.

## International Collaboration

The Faculty actively partners with leading universities, research institutions and global technology companies. Examples include joint projects with Boeing, Google, Microsoft, Huawei, Intel, SenseTime and many others.

In 2021, CUHK established the Interdisciplinary Artificial Intelligence Research Institute to deepen research collaboration in AI applications in engineering, science and medicine. In the same year, the Faculty and Hong Kong Applied Science and Technology Research Institute (ASTRI) joined hands and launched the Smart City Technology Oriented Practitioner Programme. An array of student internships and research programmes have been offered with Hong Kong Productivity Council (HKPC) with the aim of nurturing the next generation of innovators and researchers.

Joint PhD training achieves a win-win situation for our students and counterparts. Collaborations provide students with research and development (R&D) experience in different research laboratories around the world. Research students receive additional financial support from our Overseas Research Attachment Programme, which has enabled our students to work with top scholars at world-class laboratories in Massachusetts Institute of Technology (MIT), University of Illinois Urbana-Champaign (UIUC), Stanford University, University of California, Berkeley (UC Berkeley), UC Santa Barbara, University of Cambridge, Georgia Institute of Technology (Georgia Tech) and other locations around the world.



Prof. Yi Chun LU

Associate Professor,  
Department of Mechanical  
and Automation Engineering

Research is about solving grand challenges with innovative approaches and unwavering persistence. Never settle for anything less than excellence and don't be afraid to challenge the status quo. Research is also fun and exciting. Witnessing your inventions become real products that help the world brings joy and a great sense of achievement.



The CUHK engineering research team wins IEEE ICRA 2021 Best Paper Award in medical robotics

Edward HUI  
from Hong Kong

PhD student in Computer  
Science and Engineering  
(HKPFS awardee)



I am honoured to have received the prestigious HKPFS award for my PhD study in the CUHK Faculty of Engineering, where I also obtained my bachelor's degree. With the substantial financial support provided by HKPFS, I can pursue my research interests in 3D shape analysis and generation. The scheme enables me to participate in international conferences where I can share my research findings with the international research community.



## Faculty of **LAW**

Established in 2004, the CUHK Faculty of Law (CUHK LAW) is a highly international faculty with academic staff from over 20 different jurisdictions. It has been overall leading in Hong Kong in the law domain in the most recent RAE conducted by the UGC in 2014 and 2020. In the Times Higher Education World University Rankings 2018 (Law Subject), CUHK LAW received the highest score in terms of 'International Outlook', making it the most international law school in the world.

CUHK LAW offers Bachelor of Laws, Juris Doctor and Postgraduate Certificate in Laws programmes, as well as five specialised Master of Laws programmes and two research postgraduate programmes. The Master of Laws (LLM) in Energy and Environmental Law (LEL) Programme was launched in 2018–19 as the first programme specifically dedicated to the legal aspects of energy security and sustainability in Hong Kong. From 2022–23, CUHK LAW will also offer a brand-new LLM in Legal History Programme. This LLM — one of the only such programmes globally — is designed to equip students with expertise in both the substance and the methodology of transnational legal history research.

Keeping pace with rapid globalisation, CUHK LAW has admitted students from over 50 countries and regions, creating a highly diverse student and alumni community. Taking advantage of its international and intercultural environment, CUHK LAW offers world-class legal education and conducts cutting-edge research in law.

## Research Excellence

CUHK LAW is committed to excellence in both research and teaching.

The RAE conducted by the UGC in 2014 recognised CUHK LAW as Hong Kong's best research law faculty. In the latest RAE 2020, CUHK LAW is again overall leading in Hong Kong in the law domain with 83% of its research activity being rated as 4 star ('world leading') and 3 star ('internationally excellent'). The Eduniversal Best Masters Ranking has also ranked the LLM in Chinese Business Law (CBL) Programme as No. 1 in 'International Business Law in Far East Asia' since 2017 and the LLM in Energy and Environmental Law (LEL) Programme as the Top 5 in 'Energy and Natural Resources in Far East Asia' since 2019. In addition, the LLM in International Economic Law (IEL) Programme has been awarded the Targeted Taught Postgraduate Programmes Fellowships Scheme by the UGC from 2021–22 to 2022–23 in recognition of the programme's contribution to the training of legal talents.

In 2020, CUHK LAW established the Centre for Comparative and Transnational Law (CCTL) to provide institutional support and encourage collaborative comparative and transnational law research. CCTL is supported through the following seven cluster groups: the Comparative Constitutional Law Research Forum, the Corporate Law and Governance Cluster, the Environmental, Energy and Climate Law Cluster, the Obligations Lab Asia, the Private International Law Group, the Transnational Economic Law and Dispute Settlement Group, and the Transnational Legal History Group.

## Research Impact

In the modern world, legal academics endeavour to contribute to society at large, in addition to their contributions to scholarship. Their research aims to have an 'impact' beyond academia, defined as 'contributions, beneficial effects, valuable changes or advantages' to 'the economy, society, culture, public policy or services, health, the environment or quality of life' (Framework for RAE 2020, Hong Kong SAR). CUHK LAW places such impacts at the core of its research mission. Research conducted by CUHK LAW academics has contributed towards the improvement of society — particularly the rule of law — in Hong Kong, Greater China and beyond.

## International Collaboration

CUHK LAW's teaching and research excellence is evidenced by collaborations with top global institutions. For example, CUHK LAW forged exciting partnerships to offer Dual LLB-JD Degree Programmes with The Dickson Poon School of Law of King's College London and the University of Exeter Law School, respectively. Students have the opportunity to study at two world-class law schools and obtain both an undergraduate degree and a postgraduate degree in law in four years. These two degrees represent the first step towards qualifying to practise law in the UK and Hong Kong, opening up global career options in law and related fields.



**Prof. Anatole BOUTE**  
Professor, CUHK LAW

To facilitate the urgently needed transition to sustainable energy, a robust legal framework is needed. Training in energy and environmental law has a crucial role to play in equipping lawyers with the expertise needed to help public authorities, the industry and civil society in navigating the complex legal challenges that characterise decarbonisation.



**Katharina MUELLER**  
from Germany

**LLM Graduate in  
International  
Economic Law**

Where better to prepare for working in an international setting than in a city like Hong Kong that is so culturally diverse? The learning environment at CUHK reflects this omnipresent internationality. It was a great experience to be taught by professors from all over the world who could share their experiences practising law in various fields in a variety of countries.

# Faculty of MEDICINE

The CUHK Faculty of Medicine (CU Medicine) was founded in 1981 to meet the needs of society by providing the professional training and knowledge required to enable students to become caring and competent medical practitioners. Despite being one of the youngest schools among the global medical elite, CU Medicine has been ranked 29<sup>th</sup> in the QS World University Rankings 2022 by Subject and 52<sup>nd</sup> in the Times Higher Education World University Rankings 2022 by Subject.

CU Medicine has five schools and 14 departments, offering nine undergraduate programmes and more than 50 postgraduate programmes. We also provide continuing and professional training for public health and healthcare professionals. A vibrant student life, an engaged alumni network and a spirit of innovation further contribute to the unique learning culture at CU Medicine.



For decades, CU Medicine has been a pioneer in the development of Robotic Surgery in the world

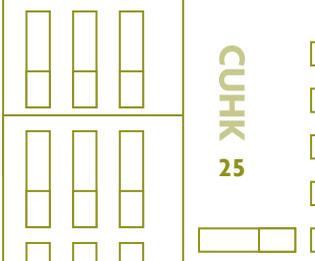
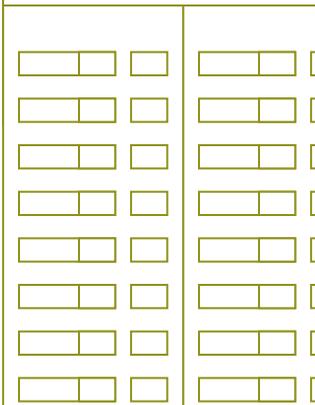
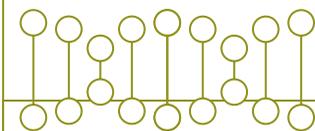
## Research Excellence

At the cutting edge of innovation, CU Medicine promotes interdisciplinary research excellence and collaborates with global centres of excellence and industrial partners. We strengthen our collaborations in education and research by establishing strategic global partnerships with top overseas universities that have complementary strengths.

We conduct research in areas of primary concern to Asia and Hong Kong, including projects on cancers prevalent in the region, gut microbiota, metabolic diseases and also the world-leading circulating nucleic acids for non-invasive diagnosis.

CU Medicine has a long tradition of cancer research and care in the local community. Our State Key Laboratory of Translational Oncology and State Key Laboratory of Digestive Disease help further CUHK's scientific achievements, extend the benefits of its research to wider Chinese and Asian communities and expand its role in fostering regional and international collaboration on cancer research.

With over 20 years of experience in researching the epidemiology of diabetes in Asia, we have made substantial contributions to the prevention and treatment of diabetes and its complications.



## Research Impact

CU Medicine has always been committed to making a difference in the world by improving people's health through advancing healthcare, medical education and research. The ultimate goal is to advance human health and alleviate suffering caused by disease.

CU Medicine is at the forefront of new clinical applications in genomics and non-invasive prenatal testing. A non-invasive prenatal diagnostic method developed by our researchers has been widely adopted in over 90 countries and is now used by over seven million pregnant women annually. CU Medicine is also the pioneer of some of the world's most advanced surgical technologies and techniques, such as robotics and minimally invasive surgery.



The Inflammatory Bowel Disease Team at CU Medicine conducts comprehensive and large-scale research both locally and internationally

## International Collaboration

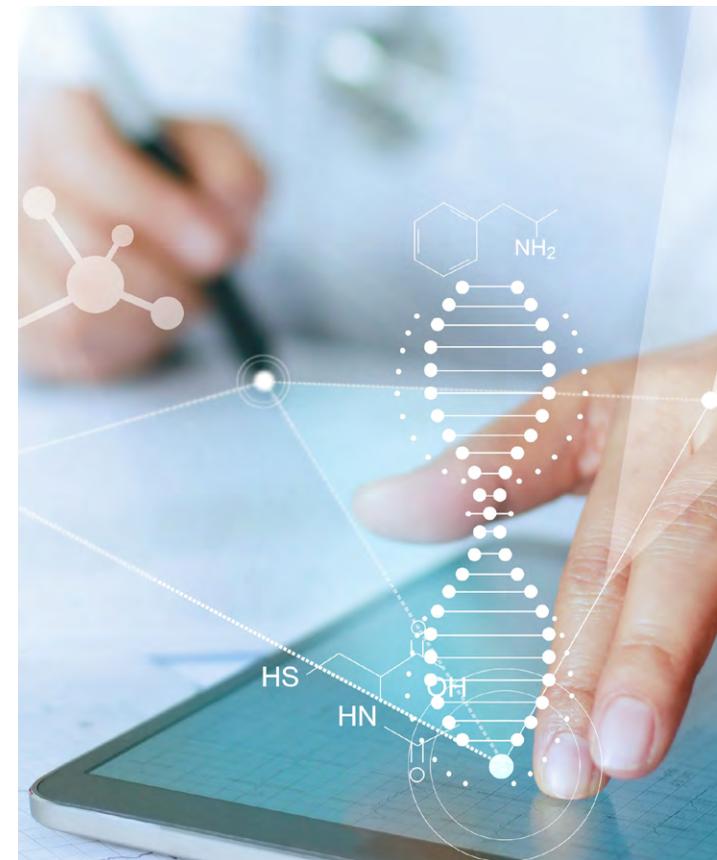
Our collaborative activities include joint research projects, joint symposia, and academic and student exchange programmes. Our partner institutions include Erasmus MC, LMU Munich, Monash University, The University of Melbourne, University of Oxford, and the University of Toronto.



**Prof. Ting Fan LEUNG**

**Alice Ho Miu Ling Nethersole Charity Foundation Professor of Paediatrics**

I am the Alice Ho Miu Ling Nethersole Charity Foundation Professor of Paediatrics at CUHK. I have supervised eight postdoctoral fellows and 28 postgraduate students. My main research interests include natural history, genetics and host-microbe interactions for asthma and eczema as well as novel diagnostics and therapeutics for food allergies.



**Prof. Ho Yu CHENG**  
from Hong Kong (PhD, CUHK)

**Assistant Professor,  
The Nethersole School of Nursing**

Studying PhD at The Nethersole School of Nursing of CUHK has been a rewarding and enjoyable experience in my lifelong journey of learning. My PhD supervisors have empowered me to become a passionate and impactful academic with a commitment to improving health through innovations.





# Faculty of SCIENCE

The Faculty of Science at CUHK (CUHK Science) was founded in 1963 and consists of six major teaching units—Chemistry, Earth System Science, Life Sciences, Mathematics, Physics, and Statistics. The Faculty has over 170 teaching staff offering more than 20 postgraduate programmes.

Our scientists are committed to a wide spectrum of research areas, from astronomy and meteorology to medical and scientific advancement. After more than half a century, CUHK Science is now a world-class, research-oriented faculty engaging in the highest levels of research, teaching and learning.

## World-renowned Scientific Leaders



### Prof. Chen Ning YANG

Nobel Laureate  
Distinguished Professor-at-Large of Physics



### Prof. Shing Tung YAU

Fields Medal Winner  
Distinguished Visiting Professor-at-Large of Mathematics



### Prof. Thomas Chung Wai MAK

### Prof. Henry Nai Ching WONG

### Prof. Chi WU

### Prof. Keqing XIA

### Prof. Zuwei XIE

### Prof. Chen Ning YANG

Members of the Chinese Academy of Sciences



### Prof. Samuel Sai Ming SUN

Member of the Chinese Academy of Engineering



### Prof. Henry Nai Ching WONG

### Prof. Zuwei XIE

Members of the Hong Kong Academy of Sciences



### Prof. Xuhua HE

The XPLORER PRIZE (Mathematics and Physics)



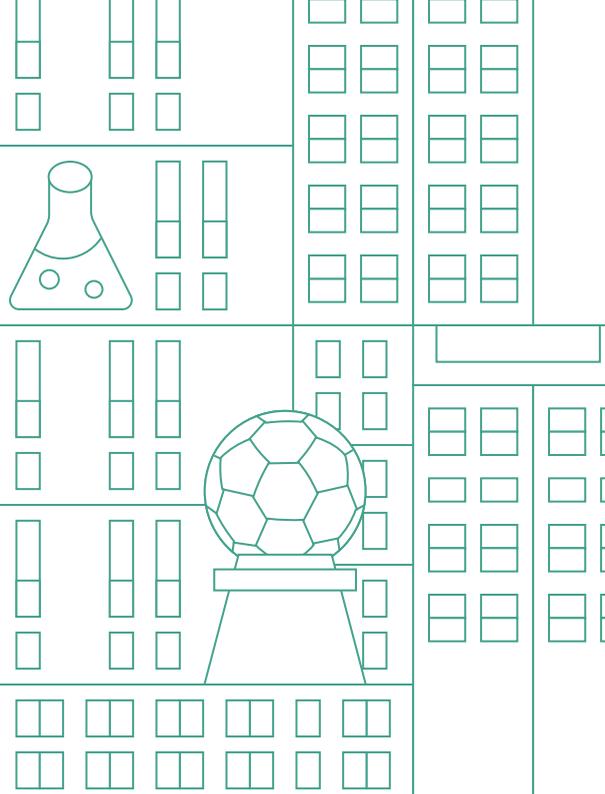
### Prof. Xinhui LU

### Prof. Jianfang WANG

### Prof. Po Keung WONG

### Prof. Jimmy Chai Mei YU

Highly Cited Researchers by Clarivate



## Research Achievements

**12** Ministry of Education  
Higher Education Outstanding  
Scientific Research Output Awards

**9** State Natural Science Awards

**12** Croucher  
Senior Research Fellows

**9** RGC Early Career Awards

**4** China's Excellent  
Young Scientists Fund  
(Hong Kong and Macau)



'Centre for Genomic Studies on Plant-Environment Interaction for Sustainable Agriculture and Food Security' AoE project team and collaborators in South Africa

## Research Excellence

CUHK Science receives numerous competitive research grants from local, mainland China and overseas commissions.



## State Key Laboratories

- State Key Laboratory of Agrobiotechnology (CUHK)
- State Key Laboratory of Synthetic Chemistry



## Areas of Excellence (AoE) projects

- Probing the Fundamental Structure of Matter with High Energy Particle Collisions (2019–2027) (Prof. Ming Chung CHU)
- Centre for Genomic Studies on Plant-Environment Interaction for Sustainable Agriculture and Food Security (2017–2025) (Prof. Hon Ming LAM)
- Centre for Organelle Biogenesis and Function (2014–2021) (Prof. Liwen JIANG)
- Centre for Plant and Agricultural Biotechnology (2000–2011) (Prof. Samuel Sai Ming SUN)



'Probing the Fundamental Structure of Matter with High Energy Particle Collisions' AoE project team

## Research Impact

Research that has an impact beyond academia is valued in our Faculty. Some examples of the cutting-edge, impactful research are showcased below.



**Chemistry:** A spin-off company has commercialised synthetic extracellular vesicles research to enhance drug efficacy for diseased cells.



**Earth System Science:** Fundamental research in the effects of global warming on extreme precipitation in South China and unusually shallow earthquakes in the Sichuan Basin, China have influenced policymakers' and industrial operators' decisions to update regulations and operations.



**Life Sciences:** Fundamental research in neurodegenerative disorders, the biodiversity of Hong Kong lign aloe and integrated technology-bioinformatics platforms has had practical applications in early diagnosis, conservation policy and the health industry, respectively.



**Mathematics:** The development of novel mathematical methods has significantly improved the efficiency and accuracy of 3D shape analysis in computer graphics and medical imaging industry.



**Physics:** The breakthrough discoveries in fundamental physics and periodic hole nanostructures have, respectively, impacted international agencies including Laser Interferometer Gravitational-Wave Observatory (LIGO) and European Organization for Nuclear Research (CERN) and revolutionised the production of green LED.



**Statistics:** Innovations in risk premium calibration and novel statistical methods have significantly impacted the insurance industry and enabled the development of non-invasive early detection methods for cancers, respectively.



Prof. Xinhui LU

Associate Professor,  
Department of Physics

Pursuing an MPhil/PhD degree is never easy; it is full of joy, frustrations, and challenges. As a supervisor, I endeavour to understand each student's interests and needs, strengths and weaknesses through effective communication, to provide visionary projects and a friendly research environment, and to offer guidance while encouraging independence.

Alissa Victoria BASS  
from United Kingdom

PhD student in  
Environmental Science  
(HKPFS awardee)



Having moved to Hong Kong from the UK, CUHK has supported me every step of the way and continues to do so through my PhD. I have access to a wide variety of available resources, as well as gaining much knowledge from my supervisor and the professors in the School of Life Sciences.

# Faculty of SOCIAL SCIENCE

The CUHK Faculty of Social Science aspires to enlighten and inspire society through innovative and rigorous social science education and research. We strive to sow and nurture an integrated science for the betterment of personal and collective well-being.

The Faculty houses two schools and six departments and has research expertise ranging from architecture, economics, geography and resource management, journalism and communication, government and public administration, psychology, social work and sociology. With such diverse expertise, our Faculty is well-positioned to excel in scholarship, discovery and innovation with significant and far-reaching social impacts.

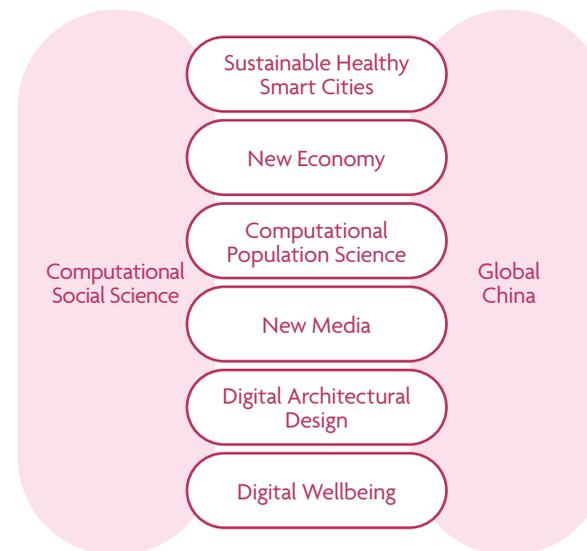
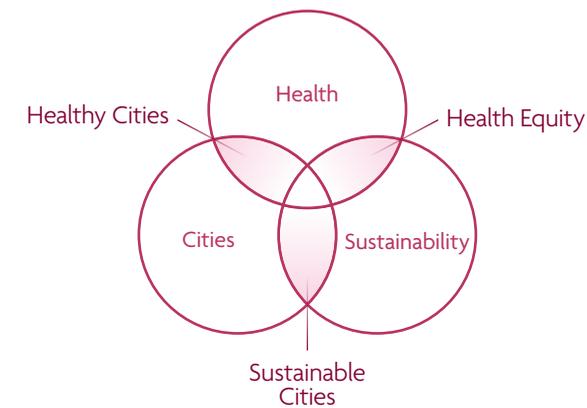
## Research Excellence

'Nothing is so practical as a good theory; nothing is so theoretical as a good practical problem.' – Kurt Lewin

We join hands with our knowledge partners to co-learn, co-create and co-develop actionable social knowledge.

On the one hand, a good practical problem can inspire new theoretical constructions. On the other hand, a theory's agility to offer solutions to complex, important practical problems is a selection criterion in the marketplace of ideas — sticky theories are selected for propagation because they afford bold answers to big questions.

Our research areas are illustrated in the following diagram:



Prof. Mei Po KWAN

**Choh-Ming Li Professor of  
Geography and Resource  
Management**

CUHK has a world-class environment for pursuing graduate work and research on health and environmental issues using advanced geospatial technologies. I enjoy working with students from various regions of the world and enabling them to become distinguished researchers. My students have received many international awards, and many are teaching and conducting impactful research at top universities around the world.



Amanda LI  
from Hong Kong

**PhD Student in Psychology  
(HKPFS awardee)**

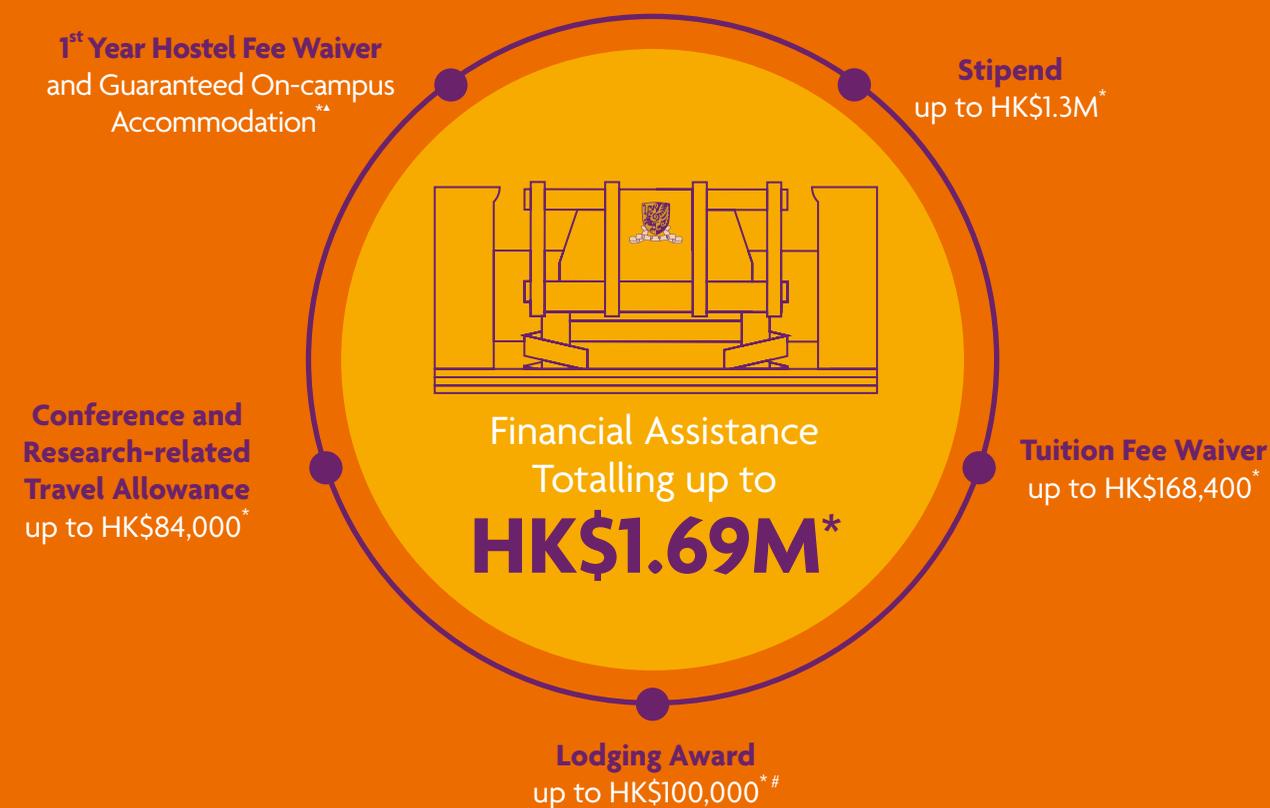
The Department of Psychology is my second home — a cliché, but true. I have felt safe to pursue my dream with never-failing and unconditional support of my supervisor and other friends in the department since I was an undergraduate. With the space offered here, I am always delighted to explore tremendous possibilities. I also gain courage to break rules that seem impossible to break. Without such autonomy, I probably wouldn't be a co-founder of a social enterprise and a clinical psychologist walking an unconventional path. This is a place where I cultivate love, kindness, compassion and wisdom, which to me are all fundamental for a researcher, a professional and a human being.



# Scholarship and Financial Assistance

## Hong Kong PhD Fellowship Scheme (HKPFS)

The Hong Kong PhD Fellowship Scheme (HKPFS), established by the RGC, aims to attract the best and brightest students from across the globe to pursue their PhD studies in Hong Kong universities.



PhD candidates who are nominated by CUHK to HKPFS but not selected by the RGC will be admitted to the University's regular PhD programme with postgraduate studentship. They will also receive the **CUHK Vice-Chancellor's PhD Scholarship of HK\$80,000** (payable in three instalments) subject to satisfactory study progress.

\* Applicable to students within their normative study period

# An award of HK\$40,000 for lodging in the first year of study and HK\$20,000 in subsequent years during the normative study period

^ HKPFS awardees who submit hall applications in a timely manner

## Research Postgraduate Studies (MPhil and PhD)

### Postgraduate Studentships

- For full-time research postgraduate students
- Annual studentship for 2022-23: **HK\$216,300**
- Payable throughout the normative study period

### Postgraduate Scholarships

The Reaching Out Award, Research Postgraduate Student Grants for Overseas Academic Activities and other funding schemes are available to support full-time MPhil and PhD students who are conducting academic activities abroad.

### Tuition Waiver for Local Research Postgraduate Students

Since 2018–19, the UGC has offered a tuition waiver to all local full-time students enrolled in UGC-funded research postgraduate programmes for their entire normative study period.

## Taught Postgraduate Studies

### Targeted Taught Postgraduate Programmes Fellowships Scheme

Established by the UGC in 2019, the Targeted Taught Postgraduate Programmes Fellowships Scheme provides subsidies for local students pursuing designated taught postgraduate programmes. The awardees pay a minimum tuition fee of HK\$42,100 for the programme. The difference between this minimum and the programme fees is paid by the Scheme, with a cap of HK\$120,000 per student, for the entire programme.

## Other Scholarships and Awards

More scholarships and funding schemes are available to postgraduate students, including the Global Scholarship Programme for Research Excellence, PhD Student Exchange Programme, Young Scholars Thesis Award, Belt and Road Scholarship, CUHK Convocation Postgraduate Admission Scholarships. More information can be found on the websites of the **Office of Admissions and Financial Aid** [admission.cuhk.edu.hk/finance.html](http://admission.cuhk.edu.hk/finance.html), the **Office of Academic Links** [oal.cuhk.edu.hk/scholarshipsandfinancialaid](http://oal.cuhk.edu.hk/scholarshipsandfinancialaid) and the **Graduate School** [www.gs.cuhk.edu.hk/scholarship](http://www.gs.cuhk.edu.hk/scholarship).

# Student Life at CUHK

CUHK's diverse facilities and resources are designed to make learning smooth, invigorating and pleasurable. They add extra dimensions to campus life, ranging from artistic to athletic pursuits.

## Accommodation

Six on-campus Postgraduate Halls offer over 1,600 affordable hostel places (single occupancy and shared rooms) to students enrolled in full-time research postgraduate programmes or full-time UGC-funded taught postgraduate programmes. Visit [www.pgh.cuhk.edu.hk](http://www.pgh.cuhk.edu.hk) for more information.

## Facilities and Resources

CUHK is committed to providing students with a rich learning environment. There is a wide range of facilities, including but not limited to the following:

- Centre for Learning Enhancement And Research
- English Language Teaching Unit
- Yale-China Chinese Language Centre
- Libraries
- Museums and Galleries
- University Health Service
- Sports Facilities
- Bookshop
- Restaurants and Cafes
- Banks, Supermarket and Hair Salon



# About Admissions

## General Requirements

### For PhD and Taught Doctoral Programmes:

- A master's degree from a recognised university

### For MPhil–PhD and Master's Programmes:

- A bachelor's degree from a recognised university, with Second Class honours or above; or
- A bachelor's degree from an honours programme from a recognised university, with an average grade of "B" or above

### For Postgraduate Diploma Programmes:

- A bachelor's degree from a recognised university

## English Language Requirements

- Scores obtained in one of the following English language tests;<sup>#</sup> or

### TOEFL

550 (Paper-based) /  
79 (Internet-based)

### IELTS (Academic)

6.5

### GMAT

Band 21 (Verbal)

- A degree from a university in Hong Kong or a degree programme with English as the medium of instruction; or
- A recognised professional qualification, provided that the examination was conducted in English.

<sup>#</sup> TOEFL and IELTS scores are considered valid for two years from the test date. GMAT scores are considered valid for five years from the test date. Some programmes may stipulate additional English language requirements for admissions.



## Programme-specific Admissions Requirements

Some programmes may stipulate additional requirements for admissions. For more information, please refer to the admissions website at [www.gs.cuhk.edu.hk/requirements](http://www.gs.cuhk.edu.hk/requirements).

## Student Visas

All non-local students are required to apply for a student visa to study in Hong Kong. For more details, please visit [www.gs.cuhk.edu.hk/visa](http://www.gs.cuhk.edu.hk/visa).

## Application Procedure and Deadlines

Applications must be submitted online. More details about study options, the application procedure and deadlines are available on [www.gs.cuhk.edu.hk/admissions](http://www.gs.cuhk.edu.hk/admissions).



## CUHK Graduate School

7/F, Yasumoto International Academic Park,  
The Chinese University of Hong Kong,  
Shatin, Hong Kong

[www.gs.cuhk.edu.hk/admissions](http://www.gs.cuhk.edu.hk/admissions)

