

A photograph of a modern, multi-story concrete building with a large, stylized crest on its facade. The building has a series of balconies and a prominent entrance area. A large tree is in the foreground, and the sky is blue with some clouds.

CUHK

POSTGRADUATE STUDIES 2027-2028



香港中文大學
CUHK

研究院
**Graduate
School**



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Message from the Provost

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

Founded in 1963, CUHK distinguishes itself as a comprehensive research university with a unique mission to combine tradition with modernity and bring together China and the West. Over the years, it has evolved into one of the leading universities renowned for world-class education and research across diverse disciplines, achieving excellence both regionally and globally. CUHK has reached its historical high in the QS World University Rankings 2027, rising to the 18th place in the world. This significant achievement reflects the unwavering commitment of the University in its pursuit of excellence and our continued influential role in Asia's higher education community.

As a research-led university, CUHK is devoted to advancing knowledge and striving for excellence for the benefit of humanity in a purposeful and responsible manner. With our notable strengths, especially in the areas of China: Tradition & Modernity, Health, Life Science & Biomedical Innovation, Artificial Intelligence, Mathematics & Robotics, Quantum Sciences, and Green Technologies. CUHK is committed to spearheading interdisciplinary and impactful research that will contribute to sustainable future. We aim to cultivate a vibrant research and innovation ecosystem, planting the seeds of knowledge and passion that will yield a positive, lasting impact in the world.

CUHK actively promotes the creation and application of knowledge, fosters cross-sector collaborations, and explores the societal benefits of technology while championing diversity and inclusion. Our vision is to establish CUHK as a global talent hub, enhance alumni and community engagement, and foster international partnerships. With the aim to strengthen CUHK's reputation as a forward-looking, comprehensive research university with a global vision, we are committed to deepening scientific exchanges and collaborating with both Chinese Mainland and global partners to enrich our research and innovation landscape.

CUHK is also committed to meeting standards of excellence in its educational programmes as encapsulated in the University's vision, to continuously enhancing the quality of teaching and learning, and to elevating student experience. Our extensive support system ensures students receive a wide range of services which effectively promote their personal, academic and professional development.

We invite you to join us in this meaningful endeavour and become part of the CUHK community.

Prof. Wai-yin POON, JP

Provost
Wei Lun Professor of Statistics



Message from the Dean

Welcome to the CUHK Graduate School.

This year marks a proud milestone as we celebrate our jubilee anniversary. With 60 years of experience since its establishment, the Graduate School now offers over 240 postgraduate programmes that award more than 9,000 postgraduate degrees, diplomas and certificates each year. The wide spectrum of quality programmes we offer contributes to CUHK's mission to be a world-leading comprehensive research university.

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 its Faculties in establishing collaborations with prestigious universities and research institutes both overseas and in the Chinese Mainland. These collaborations provide students with innovative programme offerings such as dual degrees, joint PhD supervision, research attachment, exchanges and internships that will equip them well for their future 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 talents 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 available on our Graduate School website.

Prof. Anthony SO

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

Why Hong Kong?



A thriving education hub, home to distinguished scholars from around the world



Rich resources and exceptional opportunities



Strategic gateway to the Chinese Mainland



Dynamic international metropolis



Bilingual environment with English and Chinese (Cantonese and Mandarin) as official languages



Truly global perspective

Why CUHK?

18th
in the World
QS World University Rankings 2027

10th
in Asia
Times Higher Education Asia University Rankings 2026

1st
in Hong Kong
U.S. News & World Report Best Global Universities Rankings 2026–2027



No. **1** The Largest Campus in Hong Kong (138.4 hectares) with **10,000+** Hostel Places



11,800+
Research Output in 2024–2025 (Excluding Patents)



1,800+
Full-time Teaching Staff



314,500+
Alumni



36,800+
Undergraduate and Postgraduate Students



HK\$ **520M**
Scholarships and Financial Aid in 2024–2025



HK\$ **2.53B**
Research Funding in 2024–2025



7 Libraries with Over **2.88 Million+** Books and Top Journals **7.05 Million+** Electronic Books and Journals



Approx. **250**
Research Institutes and Centres

Information in 2025, unless otherwise specified.

WORLD-CLASS ACADEMIC EXCELLENCE

Top 30 Worldwide

CUHK's programmes consistently achieve top rankings in Hong Kong and place among the world's best 50. Our distinguished scholars are globally recognised pioneers driving breakthrough discoveries in their fields. Renowned for our commitment to research excellence, CUHK offers an ideal environment where aspiring students engage in transformative research and meaningful knowledge exchange.

#1Education & Educational Research®

#2Gastroenterology and Hepatology®

#6Nursing[▲]

#7Computer Science®

#9Artificial Intelligence®

#9Arts & Humanities®

#13Education Studies[▲]

#16Communication & Media Studies[▲]

#19Endocrinology & Metabolism®

#21Geography[▲]

#21Social Science & Public Health®

#24Education[▲]

#25Linguistics[▲]

#25Theology, Divinity & Religious Studies[▲]

#26Clinical Medicine®

#26Medical & Health[★]

#26Radiology, Nuclear Medicine & Medical Imaging®

#27Classics & Ancient History[▲]

#28Data Science & Artificial Intelligence[▲]

#30Sociology[▲]

▲ QS World University Rankings by Subject 2026

★ Times Higher Education World University Rankings by Subject 2026



Other Top 50 Worldwide^{▲★@}

(in alphabetical order of the subjects)

Accounting & Finance	Anthropology	Business & Economics	Computer Science & Information Systems
Economics & Econometrics	Energy & Fuels	Engineering	Hospitality & Leisure Management
Mathematics	Materials Science	Medicine	Modern Languages
Optics	Psychiatry/Psychology	Social Sciences & Management	Sports-related Subjects

@ U.S. News & World Report's Subject Rankings 2026-2027

UNRIVALLED RESEARCH ENVIRONMENT

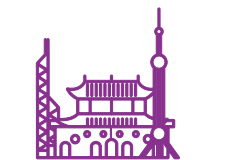
CUHK stands as a prestigious, forward-thinking comprehensive research university, acclaimed for academic excellence both regionally and globally. Since our founding in 1963 as Hong Kong's second oldest university, we have maintained a legacy of innovation and achievement.

Strategic Research Areas at CUHK

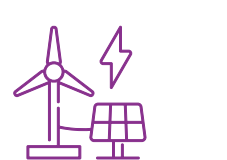
CUHK continues to strengthen its position as a hub of excellence for cutting-edge, interdisciplinary research with global impact. We transform innovative research findings into practical applications that make meaningful contributions to society. Our five research priorities address critical challenges for humanity in the 21st century:



Artificial Intelligence,
Mathematics & Robotics



China: Tradition and
Modernity



Green Technologies



Health, Life Science &
Biomedical Innovation



Quantum Sciences

Areas of Excellence

The University Grants Committee (UGC) of Hong Kong provides dedicated funding to local institutions to conduct cutting-edge research. CUHK researchers lead 15 of the 38 Areas of Excellence projects, including:

- Aging, Skeletal Degeneration and Regeneration
- AI-Powered Surgical Robots
- 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 Plant Vacuole Biology and Biotechnology
- Centre for Research into Circulating Fetal Nucleic Acids
- Chinese Medicine Research and Further Development
- Information Technology
- Institute of Network Coding
- Optimizing Early Childhood Development of Children from Low-Resource Settings by Leveraging Technology and Biological Data
- Probing the Fundamental Structure of Matter with High Energy Particle Collisions
- The Historical Anthropology of Chinese Society
- Using Data to Transform Diabetes Care and Patient Lives

Research Institutes and Centres

CUHK's approximately 250 specialised research institutes and centres drive interdisciplinary research of exceptional quality. Through strategic partnerships with leading academic institutions worldwide, our joint research units pool resources to push boundaries across diverse fields.

State Key Laboratories

Designated by China's Ministry of Science and Technology, CUHK operates four State Key Laboratories where the nation's most distinguished scientists conduct groundbreaking research:

- State Key Laboratory of Agrobiotechnology (CUHK)
- State Key Laboratory of Digestive Disease (CUHK)
- State Key Laboratory of Quantum Information Technologies and Materials (CUHK)
- State Key Laboratory of Translational Oncology (CUHK)

CUHK InnoHK Centres

CUHK's seven InnoHK Centres specialise in health, biomedicine, robotics and artificial intelligence. Launched under the InnoHK Initiative of the HKSAR Government, these centres deliver innovations with measurable impact at local, national and global levels. By leveraging CUHK's world-class expertise and partnerships with leading global universities, our centres are positioning Hong Kong as an innovation powerhouse — bridging international research with the Guangdong–Hong Kong–Macao Greater Bay Area ecosystem.

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

SEAM@InnoHK

- Centre for Heterogeneous Integration and Production



Established in 1966 as Hong Kong's first graduate school, CUHK Graduate School has cultivated exceptional scholars who advance human knowledge and address society's evolving needs through innovative research. Our vibrant, multicultural community now encompasses over 17,900 postgraduate students from more than 50 countries and regions.

CUHK Graduate School offers flexible study pathways tailored to diverse academic goals, including Doctor of Philosophy (PhD), Master of Philosophy (MPhil), taught doctoral degrees, taught master's degrees, postgraduate diplomas and certificates.



240+

Postgraduate
Programmes Offered by
62 Graduate Divisions



Over **80%**

Non-local Research
Postgraduate Students



17,900+

Postgraduate Students from
50+ Countries/Regions



Annual
Intake of

10,800+

Postgraduate Students



6

Postgraduate Halls



Around

1,500

On-campus Postgraduate
Hostel Places

Information as of 2025

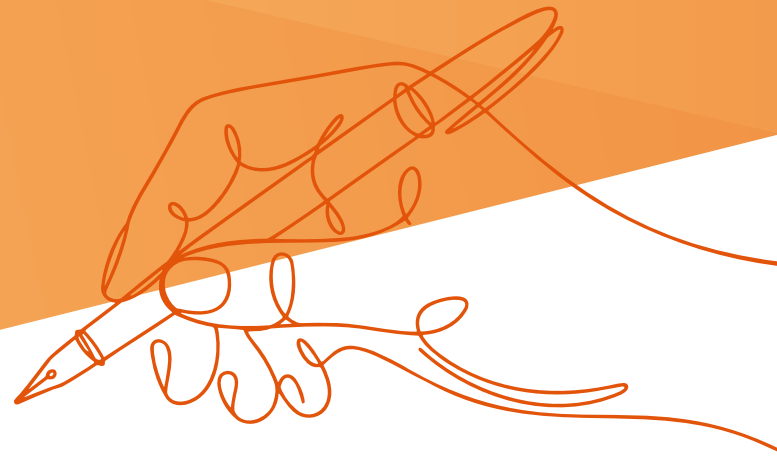
Postgraduate Studies at

CUHK

Explore the Unexplored



FACULTY OF ARTS



Ranked 40th in the 2026 QS World University Rankings for Arts and Humanities, and 9th globally in the 2026–2027 U.S. News & World Report Best Global Universities for Arts and Humanities, CUHK's Faculty of Arts stands among Asia's most dynamic centres for humanities education and research. Embracing interdisciplinary approaches and global connections, the Faculty offers postgraduate training across a wide range of disciplines, from Anthropology to Translation.

Central to the University's founding mission of integrating Chinese and Western traditions, the Faculty champions bilingual education and humanities research of the highest order. The study of languages, cultures, religions, creative arts, history and philosophy fosters a humanistic spirit and sharpens our capacity to engage with a diverse global community. Home to many world-renowned scholars, particularly in Chinese language, literature, history and philosophy, the Faculty and its 40+ postgraduate programmes continue to nurture new generations of thinkers and researchers.

Areas of Excellence

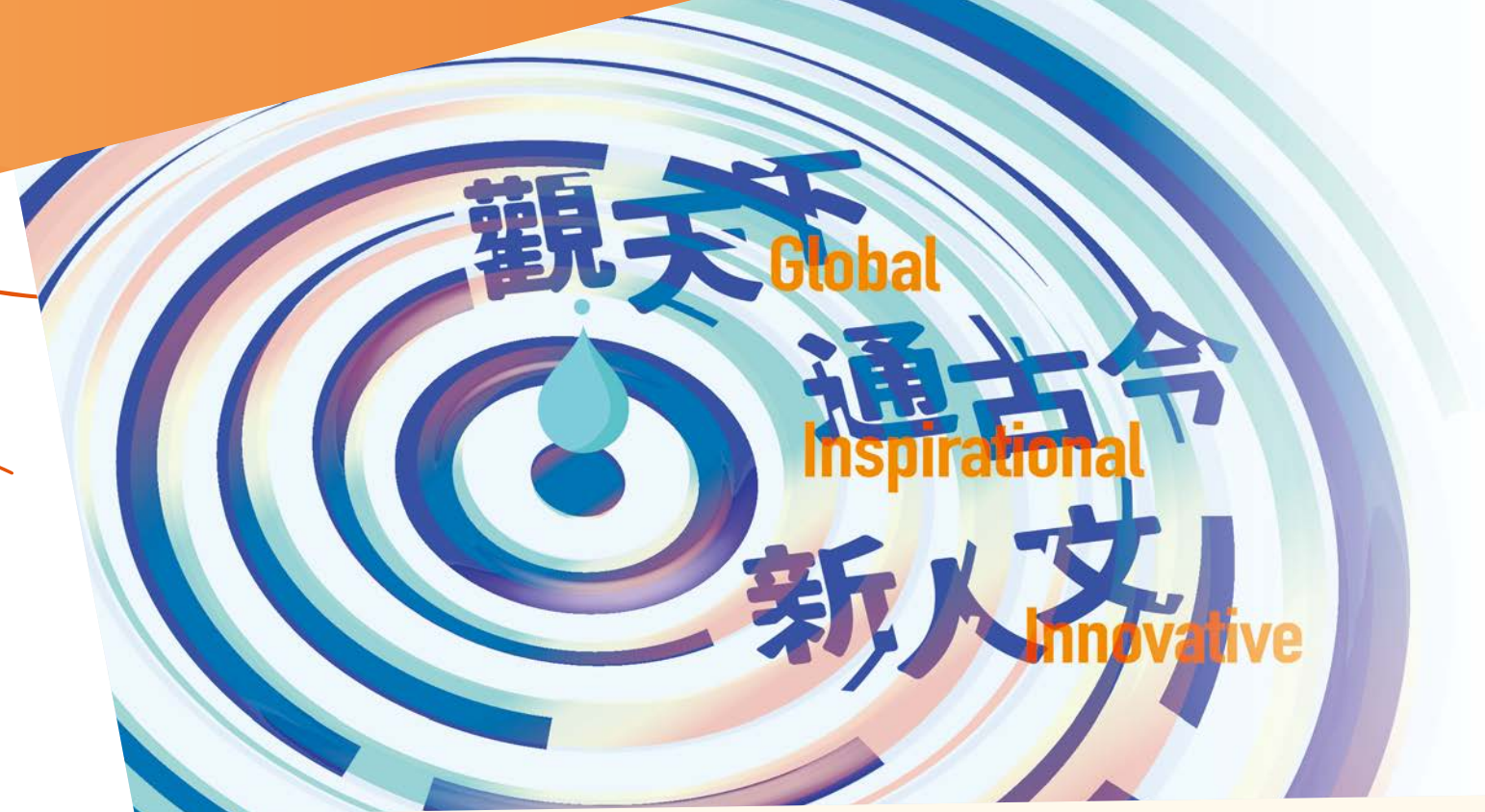
The Faculty's highly regarded departments, spanning Chinese Language and Literature, Cultural and Religious Studies, History, Linguistics and Modern Languages, Philosophy and Translation, host the largest number of research and taught postgraduate programmes among Hong Kong's eight UGC-funded universities.

Our commitment to interdisciplinary study is reflected in the curriculum of every programme. Courses are designed to draw on current research across multiple disciplines, equipping students with a thorough and grounded understanding of their field. The MA in Intercultural Studies, for instance, brings together faculty expertise in film, digital media, gender studies and urbanism to explore the complex dynamics between cultures. Meanwhile, postgraduate programmes in the Centre for China Studies offer training across disciplines ranging from anthropology and history to political economy.

Research Impact

A core mission of the Faculty is to generate innovative, impactful scholarship that deepens understanding of the human experience while addressing the pressing issues of our time. By fostering a research environment that encourages creativity and critical thinking, we contribute insights and solutions with meaningful societal impact.

Dedicated research centres, departments and units underpin this mission. In particular, the Research Institute for the Humanities plays a leading role in advancing interdisciplinary research and digital humanities, offering programmes that broaden postgraduate students' intellectual horizons and strengthen their professional development.



International Collaboration and Student Exposure

The Faculty has cultivated partnerships with leading universities worldwide, including the University of Manchester, the University of Tokyo, Waseda University and the University of California, Los Angeles (UCLA). Such partnerships offer our students rich international experiences and opportunities.

With faculty and students from 30 countries, our community is truly global. We remain committed to further diversifying our student body, recognising that an inclusive, multicultural academic environment enriches scholarship and broadens perspectives for all.

We continue to forge new collaborative relationships with leading universities globally, creating meaningful connections for both students and faculty. Closer to home, the Faculty has established partnerships with major Chinese Mainland universities, including Peking University and Zhejiang University. Collaboration with Chinese Mainland scholars across research projects and disciplines has long been a defining strength of the Faculty.

Prof. Peggy MOK

*Associate Dean (Student Affairs),
Faculty of Arts*

*Professor, Department of Linguistics
and Modern Languages*

At CUHK Arts, we conduct innovative and inspiring research with global relevance, with a celebrated emphasis on Chinese perspectives. My research focuses on how humans produce and perceive speech sounds in different languages, incorporating both traditional and experimental methods. Join us for an exciting journey of growth and discovery!



Hongxuan WU

*From China
PhD in Translation (HKPFS Awardee)*

With the generous support of the HKPFS, I found a thriving home at the Faculty of Arts. The comprehensive library resources and conference funding empower my work. Coupled with global exchange opportunities and a broad interdisciplinary vision, CUHK fosters an inspiring environment for my humanities research in translation.



FACULTY OF

BUSINESS ADMINISTRATION

Since 1963, CUHK Business School has pioneered business education in Asia, establishing the region's first BBA, MBA and EMBA programmes. We prepare graduates for leadership in the Asian century through a dynamic learning environment that bridges knowledge creation and real-world application. Our network of over 49,000 alumni — the strongest of any business school in Hong Kong — drives transformative change across Asia's evolving business landscape.

Research Impact

Through rigorous research and cross-disciplinary collaboration, our faculty generates insights that advance knowledge, support Hong Kong's evolution into an innovation-driven economy, and create value for business communities across China and beyond. Our specialised research centres serve as engines for this work, bridging academic inquiry with practical impact.

International Collaboration

Our partnerships with leading institutions across the United States, Europe, Oceania and Asia underpin a rich portfolio of international opportunities — from immersive exchanges and internships to collaborative degree programmes. These include a dual MBA with HEC Paris, a dual master's degree with ESCP Europe, and a joint postgraduate programme with Shanghai National Accounting Institute.

Corporate Partnership

CUHK Business School maintains strategic alliances with enterprises across Hong Kong and Greater China, from innovative startups to established corporations. These partnerships span collaborative research, impact case studies, curriculum enrichment, consultancy and practicum projects, scholarships, internships and experiential learning — connecting students directly with the region's business community.



Prof. Lisa WAN

*Associate Dean (Teaching and Learning)
Professor, School of Hotel and
Tourism Management*

CUHK provides a vibrant, research-intensive environment that nurtures curiosity, collaboration, and impact-driven scholarship. Interdisciplinary training, strong industry and community partnerships, and world-class supervision equip our postgraduate students with the intellectual rigour, global vision, and practical skills needed to address complex real-world challenges and become future leaders in their fields.



Kyungrok KIM

*From South Korea
MSc in Management*

The CUHK MiM (MSc in Management) programme offers practical and experiential learning guided by industry experts, enabling me to transform theoretical knowledge into real-world applications. It has built a strong foundation in both technical and interpersonal business skills, empowering me to grow professionally and navigate future career challenges with confidence.



FACULTY OF EDUCATION

The CUHK Faculty of Education advances the education community through high-quality teaching, impactful research and innovation. We prepare future educators and leaders with strong local knowledge, regional awareness and global perspectives — equipping them to address emerging challenges and contribute meaningfully to education in a rapidly changing world.

Comprising over 100 full-time academic and research staff across four departments — Curriculum and Instruction, Educational Administration and Policy, Educational Psychology, and Sports Science and Physical Education — together with a Physical Education Unit, the Faculty serves a community of more than 2,900 students. Our programmes span doctoral and master's degrees, postgraduate diplomas in education, and undergraduate study across a wide range of specialisations.

Areas of Excellence

Ranked 13th globally in Education Studies by the Times Higher Education World University Rankings by Subject 2026 and 24th globally in Education by QS World University Rankings by Subject 2026, the Faculty stands among the world's foremost centres for education research and training. This distinction extends to our people: 18 professorial members appear in the 2024 Single Year Top 2% Scientists list, of whom 11 also feature in the Career Top 2% Scientists database.

Our research addresses some of today's most pressing challenges in education, from AI-enhanced teaching and learning and curriculum reform, to student wellbeing and academic integrity in the era of generative AI.

Research Impact

The Faculty plays a central role in advancing educational research and supporting school development in Hong Kong, facilitating knowledge exchange among researchers, school leaders and practitioners through conferences, seminars and professional exchanges.

The Centre for University and School Partnership (CUSP) maintains a network of over 2,000 partner schools and regularly launches initiatives to support school improvement. Recent highlights include the "Play · Learn · Grow" Programme Sharing Session and the "Enhancing Professional Learning Communities to Improve Small-Class Teaching" Support Programme, both designed to strengthen whole-school development and effective pedagogical practice.

With sustained support from government bodies and education partners, CUSP leads a broad portfolio of projects promoting quality learning environments, small-class teaching, early childhood development and professional learning across the school sector.



International Collaboration

Between June 2025 and January 2026, the Faculty welcomed over 40 academic visitors from more than 35 universities and organisations across 10 regions — including Chinese Mainland, Singapore, Australia, the United States, the United Kingdom, Belgium, Thailand, Canada, Malaysia and the Philippines. These exchanges deepened research collaboration, sustained knowledge exchange and broadened global horizons for faculty and students alike.

Research Excellence

The Faculty's growing portfolio of funded research reflects its commitment to addressing education's most pressing challenges. In the 2025–2026 RGC General Research Fund cycle, major new projects tackle generative-AI-supported STEM self-regulated learning, teachers' cognitive appraisals, emotional responses and coping strategies when integrating generative AI into educational settings.

Among the Faculty's most distinguished innovations is the Robot for Autism Behavioral Intervention (RABI), which advances autism diagnosis and early intervention through robotics. RABI's global impact was recognised with a Silver Award in the Access, Diversity and Inclusion category at the QS Reimagine Education Awards 2024 — a testament to the Faculty's commitment to socially responsive, forward-looking research.

Prof. Chi Shing TSE

Professor, Department of Educational Psychology
Programme Director, Doctor of Education Programme

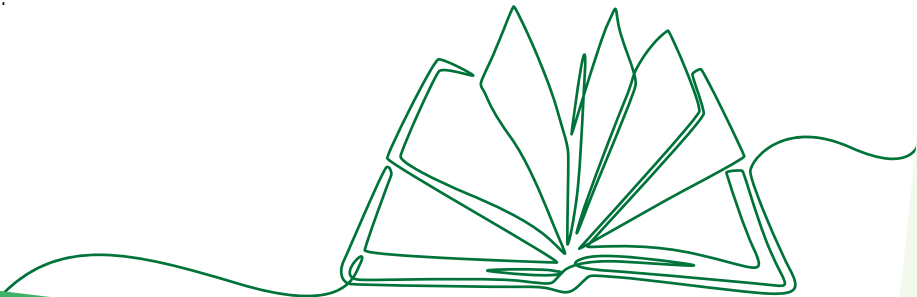
Our taught postgraduate programmes empower educators to go beyond simply acquiring knowledge. They cultivate critical thinkers who can thoughtfully evaluate and effectively apply academic research. These programmes equip practitioners to make evidence-based decisions, driving meaningful and transformative impacts on education in Hong Kong, Chinese Mainland, and all over the world.



Ka Ming TSE

From Hong Kong, China
MSc in Mathematics Education

Pursuing my postgraduate programme in education at CUHK has been a transformative journey. This programme compelled me to reflect on innovative ways to teach mathematics that ignite curiosity and build confidence. Guided by dedicated faculty, I developed not only as a mathematician but also as an educator, determined to make a meaningful impact. This experience has instilled in me the vision, expertise, and enthusiasm necessary to empower future learners.



FACULTY OF ENGINEERING



CUHK Faculty of Engineering offers one of the world's premier research environments. Our 1,180+ research students have access to over 80 specialised laboratories and rich interdisciplinary learning opportunities. Faculty members rank among global leaders in their fields — many elected as fellows of prestigious international societies including IEEE, ACM, ASME, Optica, IFAC and SPIE, or recognised as Clarivate Highly Cited Researchers. According to Stanford University's Top-Cited Scientists Database, 96 of our faculty members rank among the world's top 2% researchers.

Consistently placed among the world's top 100 engineering schools, the Faculty is dedicated to creating an environment that inspires and empowers students in their research pursuits.

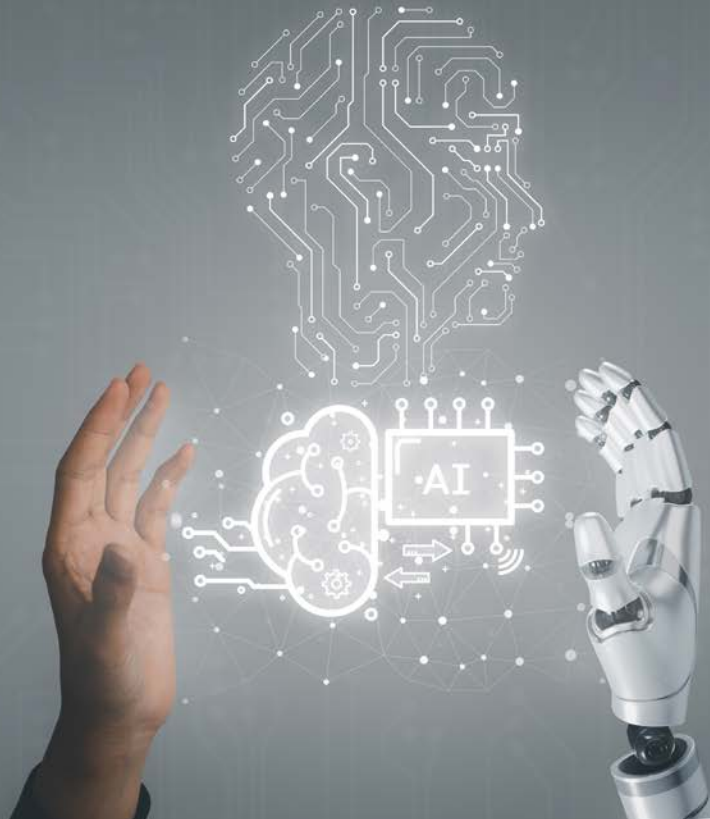
Research Excellence

The Faculty conducts pioneering research across Computer Science, Information Engineering, Electronic Engineering, Biomedical Engineering, Mechanical and Automation Engineering, and Systems Engineering and Engineering Management — areas that align closely with the CUHK Strategic Plan. Our expertise spans multimedia signal processing, automatic control, robotics and automation, computer vision, natural language processing, the Internet of Things, big data analytics, networks, communications, cybersecurity, network coding, photonics, electronic design automation, optimisation, operations research, biomedical engineering, financial engineering and logistics management.

This breadth of excellence is reflected in our global rankings:

U.S. News & World Report's Subject Rankings 2026–2027	#7	Computer Science	#9	Artificial Intelligence
QS World University Rankings by Subject 2026	#28	Data Science & Artificial Intelligence	#37	Computer Science & Information Systems
THE World University Rankings by Subject 2026	#34	Computer Science		
ShanghaiRanking's Global Ranking of Academic Subjects 2025	#12	Telecommunication Engineering	#13	Computer Science & Engineering
	#38	Biomedical Engineering	#40	Artificial Intelligence
			#16	Robotic Science & Engineering

Our PhD graduates achieve remarkable global recognition. Among them, alumnus Dr. Kaiming HE — now Associate Professor at Massachusetts Institute of Technology (MIT) — received the prestigious 2023 Future Science Prize in Mathematics and Computer Science for groundbreaking work in artificial intelligence and deep residual learning. Our students regularly secure competitive honours including the Google PhD Fellowship, Microsoft Research PhD Fellowship, NSFC Basic Research Scheme for PhD Students, and best paper awards in their respective fields.



Research Impact

CUHK pioneered Hong Kong's first Internet infrastructure and remains the city's central hub for Internet traffic — a foundation from which our faculty members have driven landmark advances in artificial intelligence and network coding.

Supporting Hong Kong's innovation agenda, CUHK established seven InnoHK Centres under the InnoHK Initiative of the HKSAR Government — four of which are led by the Faculty of Engineering:

Centre for Heterogeneous Integration and Production

Centre for Perceptual and Interactive Intelligence

Hong Kong Centre for Logistics Robotics

Multi-Scale Medical Robotics Center



A multidisciplinary research team from CUHK Faculty of Engineering and Faculty of Medicine has developed novel artificial intelligence-powered surgical robot automation techniques, successfully conducting the world's first multi-task surgical automation tests on a live animal. The research has been published in *Science Robotics*, a leading multidisciplinary research journal

To translate research into societal benefit, our Faculty actively collaborates with government and industry through multiple funding channels. Under the HKSAR Government's Research, Academic and Industry Sectors One-plus Scheme (RAISE+), our engineering researchers secured ten projects — the highest number at CUHK:

- **3D Vision-Driven Robots**
led by Prof. Yun-hui Liu
 - **Accessible Surgical Robotic System**
led by Prof. Samuel Au
 - **Development of Personalised Advanced Therapeutic Products (ATPs) - Engineered Osteochondral Tissue (eOCT) for cartilage regeneration therapy**
led by Prof. Barbara Chan
 - **Evolving Interventional Endoscopy – An Endoluminal Robotic Platform for Early-Stage Cancer Resection and Defect Closure**
led by Prof. Ka-wai Kwok
 - **Intelligent Laser Sensing System for the Energy Industry**
led by Prof. Wei Ren
- **Intelligent Wearable Sensing Technologies for Eldercare and Prevention of Cardiovascular Diseases**
led by Prof. Ni Zhao
 - **Low-Cost and Intrinsically-Safe Polysulfide Redox Flow Batteries for Long-Duration Energy Storage**
led by Prof. Yi-chun Lu
 - **Network Coding for Next Generation Networks**
led by Prof. Raymond Yeung
 - **Silicon Photonic Integrated Circuits for Sensing and Optical Interconnects**
led by Prof. Hon-ki Tsang
 - **Ultrafast Multi-material 3D Nano-fabrication Platform Based on Two-photon Projection Technolog**
led by Prof. Shih-chi Chen

With support from The Hong Kong Jockey Club Charities Trust, the Faculty spearheads five Jockey Club (JC) STEM Labs:

JC STEM Lab of Advanced Wireless Networks for Mission-Critical Automation and Intelligence

JC STEM Lab of AI for Science and Engineering

JC STEM Lab of Integration of Machine Learning and Symbolic Reasoning

JC STEM Lab of Intelligent Design Automation

JC STEM Lab of Nature-inspired Precision Medical Engineering

Beyond funded projects, our researchers have founded multiple startups and spin-off companies built on their research. The Faculty has seeded two unicorns — SenseTime and Cornerstone Robotics — each valued at over US\$1 billion.



CUHK has received a donation of HK\$39.8 million from The Hong Kong Jockey Club Charities Trust to establish four JC STEM Labs. Of these, three are led by professors from the Faculty of Engineering



A cross-disciplinary research team from CUHK Faculty of Medicine and Faculty of Engineering has developed a first-of-its-kind sub-millimeter Magnetically Actuated Soft Rotatable-tipped Microcatheter (MSRM) for targeted endovascular interventions. The novel technology demonstrates potential to provide a faster, safer, and more precise solution for treating life-threatening cerebrovascular blockages, overcoming longstanding limitations of conventional stroke intervention tools. Study results have been published in the international journal *Science Advances*



CUHK's innovation projects have won ten awards at the 16th International Invention Fair in the Middle East (IIFME)

International Collaboration

The Faculty's research partnerships span leading universities — among them MIT, the University of California, Berkeley (UC Berkeley), ETH Zürich and Johns Hopkins University — and global technology companies including Google, Microsoft, Huawei, Intel, SenseTime and Tencent.

These relationships translate directly into opportunities for our students. Joint PhD training schemes with international and Chinese Mainland partners broaden students' research horizons and professional networks, while the Faculty's Overseas Research Attachment Programme provides additional financial support, enabling students to work alongside distinguished scholars in world-class laboratories such as MIT, Harvard University, Yale University, the University of Illinois Urbana-Champaign (UIUC), Stanford University, University of California, Berkeley (UC Berkeley), the University of California, Santa Barbara (UC Santa Barbara), the University of Cambridge, Georgia Institute of Technology (Georgia Tech) and other locations around the world.

Prof. Martin STOLTERFOHT

Vice-Chancellor Associate Professor, Department of Electronic Engineering

At CUHK, graduate students learn to work with independence and strategic planning to tackle complex issues. With world-class research centres that bridge Eastern and Western traditions, CUHK provides the ideal environment to become a future leader—one who can solve humanity's critical challenges and is equipped for whatever the future holds.

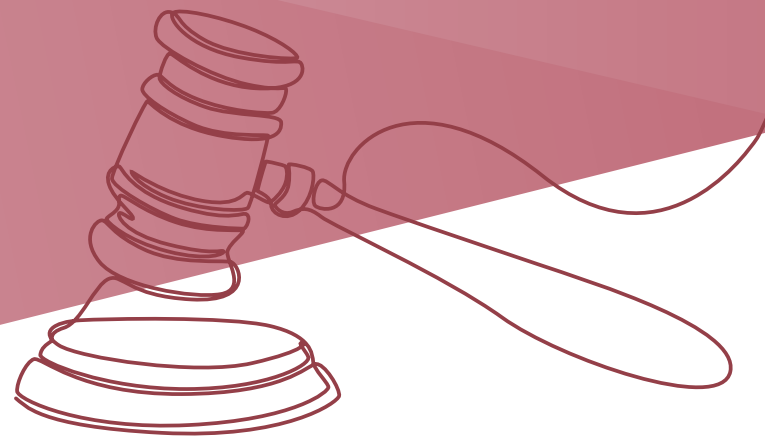
Abdalla Mohamed Salama Sayed MOUSTAFA

From Egypt

PhD in Systems Engineering and Engineering Management

As an international student, I was looking for a PhD programme with rigorous training and global perspective. CUHK provides world-class research environment and supervisors who are leaders in their field. Hong Kong's vibrant culture has enriched my research with diverse perspective and allows aspiring researchers to have a global impact.

FACULTY OF LAW



Established in 2004, CUHK Faculty of Law (CUHK LAW) brings together academic staff from around 20 jurisdictions — a breadth of perspective that underpins its standing as a genuinely international Faculty. CUHK LAW led Hong Kong's law domain in both UGC Research Assessment Exercises (RAEs, 2014 and 2020) and achieved the highest score worldwide for International Outlook in the 2018 Times Higher Education World University Rankings by Subject.

Our programmes span the full spectrum of legal education: Bachelor of Laws (LLB), Juris Doctor (JD), Postgraduate Certificate in Laws (PCLL), six specialised Master of Laws (LLM) programmes, and two research postgraduate degrees — MPhil and PhD in Laws. The LLM programmes cover AI Law, Chinese Business Law, Common Law, Energy and Environmental Law, International Economic Law and Legal History.

Among these, two programmes merit particular note. The LLM in Energy and Environmental Law, launched in 2018–2019, pioneered Hong Kong's first dedicated study of energy security and sustainability law, and has ranked among the top five programmes in Energy and Natural Resources in Far East Asia every year since 2019. The LLM in Legal History, introduced in 2022–2023, is among the few programmes worldwide dedicated to transnational legal history research. Three LLM programmes — Energy and Environmental Law, International Economic Law and Chinese Business Law — have been awarded the UGC's Hong Kong Future Talents Scholarship Scheme for Advanced Studies (FTSS) for 2025–2026 and 2026–2027; and the newly introduced LLM in AI Law has also been awarded the Scheme since its inception in 2026–2027. The LLM in Chinese Business Law ranked first in International Business Law in Far East Asia from 2017 to 2023 (Eduniversal), a position the LLM in International Economic Law has held since 2024.

With students from over 60 countries and regions, CUHK LAW offers a genuinely global environment for legal education.

Research Excellence

CUHK LAW led Hong Kong's law faculties in the UGC's 2014 RAE and maintained this position in 2020, with 83% of submitted research rated as world-leading or internationally excellent.

In 2020, the Faculty established the Centre for Comparative and Transnational Law (CCTL), supporting collaborative research through eight specialised clusters: Comparative Public Law Research Forum, Corporate Law and Governance Cluster, Environmental, Energy and Climate Law Cluster, Obligations Lab Asia, Private International Law Group, Tax Law and Policy Forum, Transnational Economic Law and Dispute Settlement Group, and Transnational Legal History Group. The Centre for Legal Innovation and Digital Society (CLINDS) drives research at the intersection of law and technology. In March 2026, the Faculty established the Asian Legal History Association (ALHA), the first long-term institutional platform dedicated to deepening understanding of Asia's diverse legal traditions and fostering cross-jurisdictional dialogue on legal history within Asia and beyond.



Research Impact

Faculty members contribute to society through scholarship focused on economy, society, culture, public policy, health, the environment and quality of life — with a particular emphasis on advancing the rule of law in Hong Kong, Greater China and beyond. Details of impact projects are available at <https://www.law.cuhk.edu.hk/app/impact/>.

International Collaboration

The Faculty's global partnerships include dual programmes with the Dickson Poon School of Law, King's College London — an LLB-JD programme and an LLB-LLM programme — through which students earn two degrees from two institutions in four years. Graduates gain potential access to legal practice in both the UK and Hong Kong SAR.

Prof. Jennifer HENDRY

Professor and Head of Graduate Division, CUHK LAW

CUHK LAW integrates its research excellence into its teaching provision, encouraging students to engage with the deeper issues and principles underpinning the doctrinal content. Our graduates have an awareness not only of the details of the law, but how it developed, the values that underpin it, and how this can vary across different jurisdictions and legal systems.



Anqi WANG

*From China
PhD in Laws (HKPFS Awardee)*

Be loyal only to the knowledge you love; bow to no authority for its own sake. CUHK LAW gives one an environment in which to pursue one's passion and the unknown end. Here I have learned the quiet strength of peers who think alongside you.



FACULTY OF MEDICINE



Founded in 1981, CUHK Faculty of Medicine (CU Medicine) was established to provide the professional training and knowledge needed to produce caring and competent medical practitioners. Today, CU Medicine is internationally recognised in teaching, research and clinical practice — and is the youngest medical school ranked among the world's top 25 in multiple global rankings. In the U.S. News & World Report Best Global Universities Subject Rankings 2026–2027, our Gastroenterology and Hepatology, Endocrinology and Metabolism and Clinical Medicine programmes rank 1st in Asia, with Gastroenterology and Hepatology placing 2nd globally.

CU Medicine comprises five schools and 14 departments, offering nine undergraduate programmes and more than 50 postgraduate programmes. We extend our reach through continuing and professional development for public health and healthcare professionals while fostering a vibrant student life, an engaged alumni network and a spirit of innovation.

Research Excellence

CU Medicine advances interdisciplinary research through partnerships with leading institutions and industry worldwide, building on strategic educational and research collaborations with overseas universities whose strengths complement our own.

Our research addresses areas of primary concern to Asia and Hong Kong including prevalent cancers in the region, gut microbiota, metabolic diseases and world-leading pioneering work in circulating nucleic acids for non-invasive diagnosis. CU Medicine pioneered robotic surgery in Hong Kong and continues to advance minimally invasive, high-precision surgical robotic technologies for patients in Hong Kong, Chinese Mainland and beyond.



CU Medicine's long and distinguished tradition of cancer research and care underpins our work in Hong Kong local community. The Faculty's State Key Laboratory of Digestive Disease and State Key Laboratory of Translational Oncology extend the benefits of our research to wider Chinese and Asian communities, and foster regional and international cancer research collaboration.



Research Impact

CU Medicine is at the forefront of clinical innovation across a range of fields, among them are gut microbiota, genomics and non-invasive prenatal testing. A non-invasive prenatal diagnostic method developed by our researchers has been adopted in over 100 countries and is used by more than 10 million pregnant women each year. Our researchers have also pioneered advanced surgical technologies, including robotics and minimally invasive surgery, with research fundings embedded into clinical guidelines across the globe and led to paradigm shifts in clinical practice.

CU Medicine drives innovation by translating cutting-edge research into impactful clinical applications. With over 3,000 patents, strategic patent acquisitions, and more than 20 startups, our contributions have redefined the medical landscape. Our pioneering research reshapes international clinical guidelines and transforms disease prevention, diagnosis and treatment.

International Collaborations

Our collaborative activities encompass joint research projects, symposia, and academic and student exchange programmes. We established the Global Alliance of Medical Excellence (GAME), a strategic international network of ten medical schools from ten countries and regions. GAME facilitates member institutions to achieve strategic, cross-disciplinary and impactful collaborations in research and education while enhancing global networks of research excellence in complementary fields and disciplines.

Alongside collaborations with leading global institutes, we have signed collaborative framework agreements with over 170 universities and medical institutions to advance new drug discovery and development, clinical trials, knowledge transfer, and talent training — supporting the full medical innovation pipeline.



Prof. Terry YIP

Associate Professor, Department of Medicine and Therapeutics
PhD in Medical Sciences (HKPFS Awardee)

I am grateful for my supervisors' tremendous support and the inspiring research environment in the Department of Medicine & Therapeutics. As a Hong Kong PhD Fellowship Scheme awardee 2016-2017, I was encouraged to pursue impactful research, which motivated me to continue my career here, progressing from a PhD student to a postdoctoral researcher and now a faculty member.



Yeeun OH

From South Korea
MPhil in Microbiology

Furthering my studies at my alma mater has been the most enriching experience. The programme provides state-of-art facilitates for robust research training in novel research techniques, supported by the research and academic staff. The CUHK's global collaboration as well as my supervisor's patient guidance and teachings fostered a vision that solidified my passion and my pursuit for research in the medical field.



FACULTY OF SCIENCE

Established in 1963, CUHK Faculty of Science comprises six academic units: Chemistry, Earth and Environmental Sciences, Life Sciences, Mathematics, Physics, and Statistics and Data Science. With over 160 teaching staff, the Faculty offers more than 20 postgraduate programmes.

Our researchers work across a broad range of disciplines, from astronomy and meteorology to pathogenic pathways and materials science, and in six decades have established the Faculty as a leading centre for scientific discovery in Asia and beyond.

World-Renowned Scientific Leaders



Prof. Shing Tung YAU

Honourees of Fields Medal & Shaw Prize in Mathematical Sciences

Wolf Prize Laureate

Distinguished Visiting Professor-at-Large of Mathematics



Prof. Samuel Sai Ming SUN

Member of the Chinese Academy of Engineering



Prof. Thomas Chung Wai MAK

Prof. Henry Nai Ching WONG

Prof. Chi WU

Prof. Keqing XIA

Prof. Zuowei XIE

Members of the Chinese Academy of Sciences



Prof. Bangti JIN

Prof. Xinhui LU

Prof. Jianfang WANG

Prof. Po Keung WONG

Prof. Jimmy Chai Mei YU

Highly Cited Researchers by Clarivate

Highlights on Fellows of Professional Societies

Numerous faculty members have been elected fellows of prestigious international professional societies in recognition of their research contributions.

• Fellows of the American Chemical Society

Prof. Zhenyu CHEN
Prof. Chunshan SONG

• Fellows of the American Mathematical Society

Prof. Conan Nai Chung LEUNG
Prof. Shing Tung YAU
Prof. Jun ZOU



• Fellows of the American Physical Society

Prof. Emily Shuk Chi CHING
Prof. Ming Chung CHU
Prof. Chi WU
Prof. Keqing XIA
Prof. Kenneth YOUNG

• Fellows of the Institute of Mathematical Statistics

Prof. Xinyuan SONG
Prof. Junhui WANG

• Fellows of Institute of Physics

Prof. Emily Shuk Chi CHING
Prof. Renbao LIU

• Elected Member of International Statistical Institute

Prof. Phillip Sheung Chi YAM

• Fellows of the Royal Society of Chemistry

Prof. Zhenyu CHEN
Prof. Hak Fun CHOW
Prof. Quan LI
Prof. Dennis Kee Pui NG
Prof. To NGAI
Prof. Tony Kung Ming SHING
Prof. Chunshan SONG
Prof. Jianfang WANG

• Fellows of the Society for Industrial and Applied Mathematics

Prof. Eric Tsz Shun CHUNG
Prof. Jun ZOU

Research Achievements

4

National Science Fund (NSFC) for Distinguished Young Scholars

9

NSFC Excellent Young Scientists Fund (Hong Kong and Macau)

17

Ministry of Education Higher Education Outstanding Scientific Research Output Awards

9

State Natural Science Awards

14

Croucher Senior Research Fellows

4

Croucher Tak Wah Mak Innovation Awards (formerly known as "Croucher Innovation Awards")

9

Research Grants Council (RGC) Early Career Awards

6

RGC Research/Senior Research Fellows

Research Excellence

The Faculty consistently secures competitive research grants from local, Chinese Mainland, and international funding bodies.

State Key Laboratories

State Key Laboratory of Quantum Information Technologies and Materials (CUHK)

State Key Laboratory of Agrobiotechnology (CUHK)

State Key Laboratory of Synthetic Chemistry (Partnership)



Plaque Presentation for "State Key Laboratory for Quantum Information Technologies and Materials (CUHK)"

Areas of Excellence (AoE) projects

Centre for Plant Vacuole Biology and Biotechnology (2026–2030)

(Project coordinator: Prof. Liwen JIANG)

Centre for Genomic Studies on Plant–Environment Interaction for Sustainable Agriculture and Food Security (2017–2025)

(Project coordinator: Prof. Hon Ming LAM)

Probing the Fundamental Structure of Matter with High-Energy Particle Collisions (2019–2027)

(Project coordinator: Prof. Ming Chung CHU)

Centre for Organelle Biogenesis and Function (2014–2021)

(Project coordinator: Prof. Liwen JIANG)

Centre for Plant and Agricultural Biotechnology (2000–2011)

(Project coordinator: Prof. Samuel Sai Ming SUN)



"Centre for Plant Vacuole Biology and Biotechnology" AoE project team

Research Impact

CUHK Science prioritises research with tangible societal benefits. Key achievements by units include:



Chemistry

Pioneering work in new materials and cancer marker detection has yielded commercial outcomes through spin-out companies.



Earth and Environmental Sciences

Research on the effects of global warming on extreme precipitation in South China and on seismic activities in the Sichuan Basin has informed government policy and industrial practice.



Life Sciences

Advances in neurodegenerative disorders, molecular nutrition, genomics, biodiversity, stress-tolerant soybeans and molecular authentication of Chinese medicine have benefited human health, education and agricultural practice.



Mathematics

New pavement analysis methods support road safety, while AI-driven imaging techniques find application in industrial settings.



Physics

Discoveries in astrophysics, cosmology and particle physics have enriched local science education, while nanomaterials research has advanced ultrasensitive sensor technology.



Statistics and Data Science

Commercial deep learning algorithms for risk management and new data analytics approaches have been developed in partnership with FinTech and InsurTech companies.

Prof. Gary CHOI

Vice-Chancellor Assistant Professor,
Department of Mathematics
2025 Croucher Tak Wah Mak
Innovation Award



The CUHK Faculty of Science offers an outstanding environment for students to engage in cutting-edge research and foster personal growth. Our collaborative and inclusive culture empowers highly motivated, intellectually curious students to tackle challenging problems in interdisciplinary scientific research. Join us for an exciting journey in science!

Alexandra Rose MCCOMBIE

From Scotland
PhD in Biology



The opportunity to study science at CUHK has allowed me to pursue my passion through an intellectually challenging and thoroughly enjoyable programme in one of the world's most vibrant cities. Researching alongside world-class academics and talented peers has been incredibly motivational and inspiring for my future career.

FACULTY OF SOCIAL SCIENCE

CUHK Faculty of Social Science advances education and research that deepen understanding of today’s complex social world.

Comprising three schools and five departments, the Faculty brings together expertise across Architecture, Economics, Geography and Resource Management, Governance and Policy Science, Journalism and Communication, Psychology, Social Work, and Sociology. With multiple disciplines rank among the global top 50, we pursue excellence in scholarship and innovation to create meaningful social impact.

QS World University Rankings by Subject 2026

#16	Communication & Media Studies	#21	Geography	#30	Sociology
#43	Psychology	#44	Economics & Econometrics	#48	Social Sciences & Management

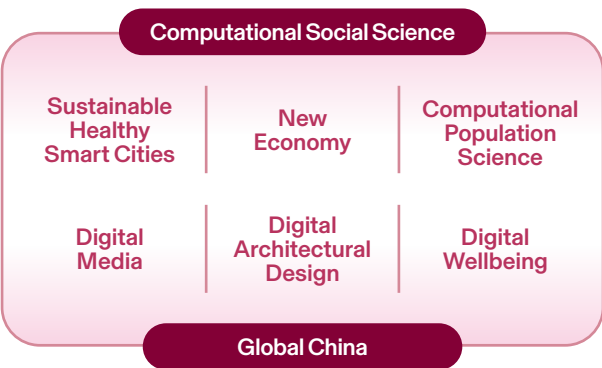
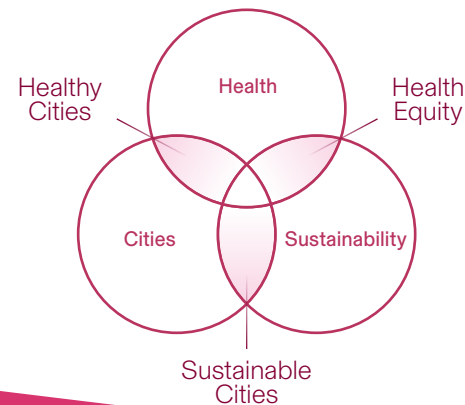
Our students thrive in an intellectually and culturally diverse environment shaped by the Faculty's interdisciplinary approaches. We equip them to become engaged global thought leaders capable of addressing complex social challenges.

Research Excellence

'Nothing is so practical as a good theory.' — Kurt Lewin

Practical challenges inspire theoretical innovation, while a theory's lasting value lies in its capacity to address significant real-world problems. Collaborating with knowledge partners, we co-learn and co-create actionable social knowledge — research that is rigorous in method and purposeful in impact.

Our research areas are illustrated in the following diagrams:



Prof. Yan LIU

Professor, Department of Geography and Resource Management

My research develops spatially integrated methods to understand urban evolution and address socio-spatial challenges amid climate change. Supervising PhD students has been immensely rewarding—witnessing their growth as shining young scholars in academic, industry, or policy careers reinforces our contributions at the forefront of computational social science and spatial data science, driving impactful innovations in urban studies.



René ROSADO GONZÁLEZ

From Mexico

PhD in Sociology (HKPFS Awardee)

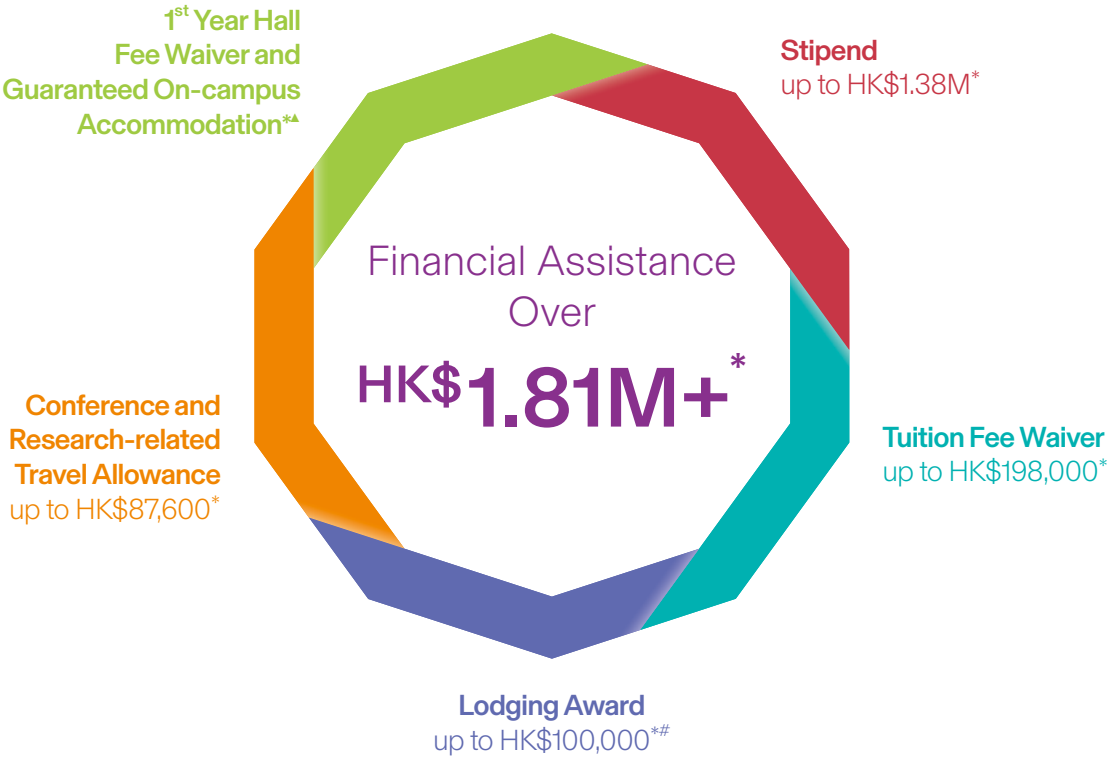
I was looking for a place where the highest academic rigour converges with spaces to innovate and rethink how we can use new technologies to understand contemporary society's challenges. CUHK is not only one of the best universities in the world but also has a strong multicultural and multidisciplinary vocation that makes it the ideal place for those of us who want to go beyond.



SCHOLARSHIP AND FINANCIAL ASSISTANCE

Hong Kong PhD Fellowship Scheme (HKPFS)

The Hong Kong PhD Fellowship Scheme (HKPFS), established by the Research Grants Council (RGC) of Hong Kong, attracts outstanding students worldwide to pursue doctoral studies at Hong Kong's universities. CUHK welcomes HKPFS applications for the 2027–2028 academic year.



PhD candidates nominated by CUHK for HKPFS but not selected by the RGC will receive admission to our regular PhD programme with postgraduate studentship. These candidates are qualified for the CUHK Vice-Chancellor's PhD Scholarship of HK\$80,000 (disbursed in three instalments), subject to satisfactory academic performance.

* Available to students within their normative study period.
Includes HK\$40,000 for first-year lodging and HK\$20,000 annually in subsequent years during the normative study period.
^ For HKPFS awardees who complete hall registration and application procedures on time.

Research Postgraduate Studies (MPhil and PhD)



Postgraduate Studentships

- Available to full-time research postgraduate students
- 2026–2027 annual stipend: **HK\$229,200**
- Guaranteed throughout normative study period



Postgraduate Scholarships

The Reaching Out Award, CUHK Research Postgraduate Student Grants for Overseas Academic Activities, and other funding schemes support full-time MPhil and PhD students' undertaking academic activities abroad.



Tuition Waiver for Local Research Postgraduate Students

Since 2018–2019, the UGC has provided full tuition waivers to all local full-time students enrolled in UGC-funded research postgraduate programmes throughout their normative study period.

Taught Postgraduate Studies

Hong Kong Future Talents Scholarship Scheme for Advanced Studies

Established by the UGC in 2025–2026, the Hong Kong Future Talents Scholarship Scheme for Advanced Studies (FTSS) provides scholarships for local students pursuing designated taught postgraduate programmes in areas of strategic priority for the development of Hong Kong. The awardees pay a minimum tuition fee of HK\$49,500 for the programme, and the difference will be subsidised by the scholarship subject to a cap of HK\$100,000 per student for the entire programme.



Other Scholarships and Awards

Additional funding opportunities include the PhD International Mobility for Partnerships and Collaborations Award, Young Scholars Thesis Award, Belt and Road Scholarship, and CUHK Convocation Postgraduate Admission Scholarships. Further details are available through the websites of **Office of Admissions and Financial Aid** (<https://admission.cuhk.edu.hk/fees-financing-your-studies/fees/>), **Office of Academic Links** (<https://www.oalglobal.cuhk.edu.hk/scholarshipsandfinancialaid/>), and the **Graduate School** (<https://www.gs.cuhk.edu.hk/scholarship>).



STUDENT LIFE AT CUHK

CUHK's comprehensive campus facilities support academic pursuits and personal development alike, from artistic expression to athletic achievement.

Accommodation

Six modern Postgraduate Halls with approximately 1,500 affordable single and shared rooms are available for full-time research postgraduate students and those in UGC-funded taught postgraduate programmes.

For details, visit <https://www.pgh.cuhk.edu.hk>.

Facilities and Resources

CUHK's state-of-the-art campus encompasses a full range of academic, cultural and lifestyle facilities, including:

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



ABOUT ADMISSIONS

General Requirements

PhD and Taught Doctoral Programmes

- A master's degree from a recognised university

MPhil and MPhil–PhD Articulated Programmes:

- A bachelor's degree from a recognised university, normally with honours not lower than second class; or
- A bachelor's degree from an honours programme of a recognised university, normally with an average grade of not lower than 'B'

Taught Master's Programmes (except Executive MBA):

- A bachelor's degree from a recognised university, normally with at least second-class honours or an average grade of 'B' or higher; or
- Professional or similar qualifications equivalent to a bachelor's degree from a tertiary educational institution for having completed a course of study

Postgraduate Diploma Programmes:

- Bachelor's degree from a recognised university

English Language Requirements

Applicants must satisfy one of the following:

- A qualifying score in one of the recognised English language tests below;[#] or

TOEFL	IELTS (Academic)	GMAT	GMAT Focus Edition
79 of 120 / 4.5 of 6 (Internet-based/ Home Edition)	6.5 (Test Centre based/Online)	Band 21 (Verbal)	78 (Verbal)

- A degree from a Hong Kong university or a programme delivered in English; or
- A recognised professional qualification obtained through an examination conducted in English

[#] TOEFL and IELTS scores are considered valid for two years from the test date; GMAT scores are valid for five years. Individual programmes may stipulate additional English language requirements.

Programme-specific Admission Requirements

Individual programmes may require additional qualifications. Visit <https://www.gs.cuhk.edu.hk/requirements> for full details.

Student Visas

Non-local students must obtain a valid student visa before commencing studies in Hong Kong. Visit <https://www.gs.cuhk.edu.hk/visa> for full details.

Application Procedures and Deadlines

All applications must be submitted online. For details on study options, application procedures and deadlines, visit <https://www.gs.cuhk.edu.hk/admissions>.



CUHK Graduate School

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

<https://www.gs.cuhk.edu.hk/admissions>



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