

創科無限 · 引領未來

# Venturing Beyond Boundaries

ANNUAL REPORT

2021/22 年報



香港城市大學  
City University of Hong Kong

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# OUR VISION

## 我們的願景

City University of Hong Kong aspires to become a leading global university, excelling in research and professional education.

香港城市大學矢志成為研究優異、專業教育出眾的全球一流學府。

# OUR MISSION

## 我們的使命

To nurture and develop students' talents and to create applicable knowledge for social and economic advancement.

致力培育和拓展學生才能，創造實用知識，推動社會和經濟進步。

Boundaries are helpful in many aspects of life: raising children, demarcating personal property, signalling personal space, and so forth. But it is a different story in higher education. As teachers, educators and researchers, we see boundaries as a challenge, a concept to overstep and exceed if possible. Over the past twelve months, City University of Hong Kong (CityU) has pursued a mission to challenge established knowledge-based borders and seek new intellectual landscapes and vistas. We have set out to improve, advance and expand in all our operations, despite the challenges that the pandemic and the world economy have posed. The following chapters catalogue the significant steps that CityU has taken in enhancing its brand, institutional identity, professional education, research outputs and campus space, and ultimately in “Venturing Beyond Boundaries”, which is the theme for CityU’s Annual Report for 2021/22.

設立界限在不少範疇確有其用：撫育兒女、劃分私人財產、標示個人空間範疇等等。但在高等教育中，界限另有其解。作為教師、從事教育者和研究人員，我們視界限為挑戰，並在可行情況下，跨邁並超越界限。過去一年，香港城市大學（城大）致力跨越既定的知識疆界，並探索新的知識領域和視野。儘管疫情及世界經濟給我們帶來挑戰，我們竭力改善、推進和擴展所有方面的工作。以下各章節概述城大在提升形象、大學特質、專業教育、研究成果和校園空間方面所採取的重要措施，並最終邁向「創科無限 引領未來」的目標，而此正是城大2021/22年報的主題。



## Highlights of the Year 年度大事摘要

The year under review was packed with new initiatives and notable achievements, all of which contributed to the sense that CityU is a genuine hub for dynamic transformation across all areas of higher education teaching and research.

### Heading up

It was very exciting to learn at the start of the academic year 2021/22 that the groundbreaking work of our researchers had garnered the international attention that it deserved. Over 170 CityU faculty members were listed among the top 2% of the world's most highly cited scientists, according to metrics compiled by Stanford University. Such a significant number of our top academics included on this prestigious list spotlights the high academic standards that people have come to expect from CityU.

Equally pleasing was the news released in early 2022 that we were maintaining our position as one of the world's most impressive young universities. We were ranked 7th among the world's top young universities according to the Nature Index 2021 Young Universities, which was issued by the leading academic publisher Springer Nature.

過去一年，城大推出多項新舉措，成就矚目。凡此種種讓人認識到，城大在高等教育各個教研領域，均是名副其實的變革樞紐。

### 位居前列

2021/22學年伊始，城大研究人員的突破性研究已贏得國際學術界關注，令人振奮。根據史丹福大學公佈的排名指標，逾170位城大教研人員被列為全球排名前2%論文獲高度引用的科學家。如此眾多的頂尖學者獲列入這份享有盛譽的名單，顯示城大學術水平優秀，不負眾望。

同樣令人欣喜的是在2022年初，城大續居全球最優秀年輕大學之列。根據著名學術出版機構施普林格 — 自然(Springer Nature)公佈的「自然指數 — 年輕大學2021」排名，城大在全球頂尖年輕大學中位列第七。



## New branding initiatives

### Beyond Boundaries series

Promoting the CityU brand has strengthened in the past year with the launch of fresh initiatives that reflect our sense of purpose and our ideas about higher education. A new interview series starting in March 2022, titled “Beyond Boundaries: Dialogue with Presidents of World’s Leading Educational Institutions” presented dialogues between President Way Kuo, who hosts the series, and presidents of renowned universities in South Africa, India, Germany, Japan and mainland China plus the head of a secondary school in Hong Kong. Through the compelling conversations, viewers gain insight into the challenges facing global higher education today.

In the second series, President Kuo talked to presidents of renowned universities in Austria, Canada, France, Israel, Singapore, and the head of a secondary school in Taiwan.

## 新渠道推廣大學形象

### 大問於市：與全球頂尖校長對話

過去一年，城大推出多種新渠道，加強推廣大學形象，這些推廣渠道顯示了城大的使命感以及對高等教育的理念。2022年3月，城大正式推出由郭位校長主持的《大問於市：與全球頂尖校長對話》系列，播放他與來自南非、印度、德國、日本及中國內地等多間著名學府校長及本港一所中學校長的對談。透過這些深層次的對話，觀眾可以深入了解當今全球高等教育面臨的挑戰。

在第二輯中，郭位校長與來自奧地利、加拿大、法國、以色列、新加坡等知名大學校長以及台灣一所中學校長對談。



President Way Kuo of CityU talked to presidents of renowned universities from around the world and mainland China in an interview series of “Beyond Boundaries: Dialogue with Presidents of World’s Leading Educational Institutions” hosted by him.

城大郭位校長在其主持的《大問於市：與全球頂尖校長對話》系列中，與世界各地及中國內地著名學府校長深入對談。



## Highlights of the Year 年度大事摘要

### U-Day

The Beyond Boundaries series was one of the highlights of CityU's inaugural University Day (U-Day) held on 18 March 2022. U-Day, to be held on the third Friday of March every year from henceforth, spotlights our successes in professional education and problem-driven research, and lets members of the community know more about the giant strides that CityU has taken in recent years as well as the accolades it has won for its innovative strategic developments.

### CityU Mascot

U-Day was also notable for the debut of another branding mechanism: our much-anticipated CityU Mascot. Taking the form of a tiger, the Mascot embodies CityU's primary qualities: wise, vital, vigorous, strong and proactive. These traits are evident in the forward-looking way that we pursue world-class research and education.

### University Anthem

To complete the celebratory activities held on U-Day, CityU debuted part 2 of the University Anthem, which is named "Knowledge and Wisdom" and carries the same melody as part 1. With new lyrics again penned by President Kuo, part 2 encapsulates our aspirations to integrate teaching and research, and our determination to stay focused on education. Earlier, in September 2021, the English version of the University Anthem part 1, named "Beyond Boundaries", was released, with lyrics that serve as encouragement for students to advance beyond boundaries, including academic research, sports development and their future careers.



CityU's inaugural University Day (U-Day) was held on 18 March 2022. 城大於2022年3月18日首推「大學日」。

### 大學日

《大問於市》系列是城大2022年3月18日首推「大學日」的焦點活動之一。「大學日」突顯城大在專業教育和問題導向研究方面的成就，讓社區人士藉此了解城大近年取得的重大進步，以及備受矚目的創新策略發展。今後，「大學日」將定於每年3月第三個星期五舉行。

### 城大吉祥物

在「大學日」，廣受期待的大學吉祥物亦首次登場，引人注目。這是推廣城大形象的另一渠道。採用老虎作為大學吉祥物，象徵城大機智如虎、生氣勃勃，堅毅而積極主動。這些特點在我們高瞻遠矚、致力追求世界級卓越教研的努力中得到充分體現。

### 校歌

城大在「大學日」還首次播出了校歌的第二章「科創入世」。第二章沿用第一章的旋律，同樣由郭位校長譜詞，承先啟後，傳達大學致力推動「教研合一」、「教育為本」的決心。早前，城大在2021年9月就已推出校歌第一章「學研出塵」英文版，歌詞鼓勵學子無論在學術研究、體育以及未來事業等各方面，繼續力求突破。



CityU Mascot, taking the form of a tiger, embodies the University's primary qualities: wise, vital, vigorous, strong and proactive.

城大以老虎作為大學吉祥物，象徵城大機智如虎、生氣勃勃，堅毅而積極主動。

### Start-up success

#### HK Tech 300

CityU actively advocates innovation and knowledge transfer, encouraging the transformation and application of outstanding research results of the University. Funded to the tune of HK\$500 million, CityU's flagship innovation and entrepreneurship programme HK Tech 300 comprehensively supports CityU students, alumni and other young people who aspire to start their own businesses. The aim is to become the No.1 university-based entrepreneurship programme in Asia in terms of scale and investment. The programme has been hugely successful, with many promising start-ups attracting attention. As of June 2022, more than 300 project teams have each been awarded HK\$100,000 Seed Fund in areas such as information and communications technology and artificial intelligence; biotech and health; deep tech; edutech; as well as business and fintech.

In addition, over 70 start-ups have each been awarded up to HK\$1 million each from the Angel Fund.

#### World-class Forum

To fully examine our strategies and approaches to major challenges in science and technology, CityU's Hong Kong Institute for Advanced Study organised a bold new platform called the HK Tech Forum series, which ran from the second half of 2022, with plans to expand into 2023. The HK Tech Forum brings together award-winning scientists to explore areas such as Data Science and AI, Reliability and Safety of Intelligent Systems, Advanced Matter and Materials, Carbon Neutrality and Sustainable Environment, Quantum Physics and Complex Systems, and Metabolism in Health and Disease.

A pre-launch activity for HK Tech Forum in May 2022 featured leading scientists in the chemistry of 2D materials exchanging innovative views on contemporary trends at an online conference co-organised by CityU and Nature Conferences, the preeminent series curated by the highly prestigious science journal *Nature* and Nature journals. This was the first time that a Nature Conference was held with a university in Hong Kong.

### 積極支持初創企業

#### HK Tech 300

城大積極促進創新和知識轉移，鼓勵轉化及應用大學的傑出科研成果，為此投放了5億港元，設立HK Tech 300創新創業計劃，為有志創業的城大學生、校友和其他年輕人提供全面支援，目標是在投入資金及計劃規模方面，都成為亞洲區大學創業計劃之首。HK Tech 300計劃十分成功，多支具發展潛力的初創隊伍備受關注。截至2022年6月，已有超過300支初創團隊各獲得港幣10萬元種子基金。他們分別來自資訊科技和人工智能、生物和健康科技、深科技、教育科技、商業應用和金融科技等範疇。

此外，逾70間初創公司各獲批最高達港幣100萬元的天使基金。

#### 世界級論壇

城大香港高等研究院在2022年下半年開始舉辦HK Tech Forum系列，並計劃於2023年續辦。這個大膽創新的學術交流平台，旨在積極探究應對重大科技挑戰的策略和方法。論壇匯聚多位屢獲殊榮的科學家，深入探討多個科技領域，包括數據科學和人工智能、智能系統安全及可靠度、先進功能和結構材料、碳中和與環境永續發展、量子物理及複雜系統，以及代謝 — 健康與疾病。

2022年5月，城大與著名科學期刊《自然》及自然系列期刊合辦網上學術會議，邀請頂尖科學家探討二維材料化學的研究發展趨勢，為論壇揭開序幕。這是自然學術會議首次與香港的大學合作舉辦會議。



## Highlights of the Year 年度大事摘要

### ASTRI

The signing of a Memorandum of Understanding (MoU) between CityU and the Hong Kong Applied Science and Technology Research Institute (ASTRI) served as a major boost for start-ups in Hong Kong. The MoU will deepen collaboration on new research projects by integrating their research and development capabilities and intellectual property. The collaboration specifically supports the development of start-up companies under the HK Tech 300 programme.

### Start-up competition

Our start-up endeavours have also included the first nationwide HK Tech 300 Start-up Competition. Reaching out across the mainland, the competition embraces a range of fields. Announced in June 2022, the competition targets CityU students, alumni and researchers, as well as members of the public wishing to use CityU IP and technology to create start-ups.

### Venture capital investment

Ties with the local business and finance sectors continue to expand. MoUs were signed in August 2021 between CityU and three venture capital fund and technology companies (Gravity Capital Partners Company, Market Trend Interactive Solution Limited and Allied Power Technology Venture LPF). Each firm will invest at least HK\$5 million in the first year after signing the MoU and provide co-investment to selected start-ups together with the HK Tech 300 Angel Fund.

### Building the future

CityU is forever growing, in keeping with its growing local and international reputation. The CityU International Centre is the latest new building helping to transform not only the physical appearance of campus but also the international mindset. In November 2021, a groundbreaking ceremony was held for the CityU International Centre, which is scheduled to open at the end of 2023. This unique edifice will demonstrate CityU's vision for developing as a modern campus where students from around the world can meet in a convenient and comfortable environment.

### 與應科院簽署合作備忘錄

城大與香港應用科技研究院(應科院)簽署合作備忘錄，為本港初創企業的發展提供動力。合作備忘錄將加強結合雙方的研發實力和知識產權，開展新的研究項目。此項合作特別向多間HK Tech 300初創公司的發展提供支援。

### 創新創業大賽

2022年6月，城大宣佈在全國推出第一屆「HK Tech 300創新創業千萬大賽」。大賽包括多個領域，在全國設多個賽區，城大學生、校友、研究人員，以及有意透過使用城大開發的知識產權或技術來成立初創公司的其他社會人士均可參加。

### 創投基金投資

城大與本港商界及金融業的聯繫持續擴大。2021年8月，城大與三間創投基金及科技企業(蒼港資本有限公司、創域互動有限公司、連益科技有限合夥基金)簽署備忘錄。三間公司會在備忘錄簽署的第一年，各自投放至少500萬港元，連同HK Tech 300的天使基金，攜手為選定的初創企業提供資金。

### 建造未來

城大持續發展，不斷奮進，繼續提升其本地與國際聲譽。近期在建的城大國際中心大樓，不僅將令校園面目一新，而且有助於轉變國際思維。2021年11月，城大舉行城大國際中心大樓動土儀式。大樓定於2023年底啟用，這棟獨特的大樓，將展現城大推動國際化校園氛圍的願景，來自世界各地的學生可以在便利和舒適的環境中聚會。



Construction started in March 2022 for the CityU Student Hostel project at Whitehead, Ma On Shan. 城大於馬鞍山白石的學生宿舍項目於2022年3月正式動土。

In addition, the welfare of the students is a priority at CityU, especially in terms of accommodation and hall life, which is why the news that construction started in March 2022 for the Student Hostel project at Whitehead, Ma On Shan was greeted with enthusiasm. This new hostel will provide more than 2,000 bed spaces and world-class academic and amenity facilities for students from all over the world.

城大亦極為關注學生的福祉，尤其重視學生的住宿與舍堂生活，因此馬鞍山白石學生宿舍項目於2022年3月正式動土的消息令大家雀躍萬分。新宿舍可為來自世界各地的學生提供逾2,000個宿位，以及世界級學術與康樂設施。

## Recognition for distinguished persons

### Honorary Fellowships

Support from eminent local and international persons boosts our reputation and helps to promote our brand. This year four distinguished persons were conferred the title of Honorary Fellow in September 2021 in recognition of their unique contributions to the development of, and service to, the University and the community. They were Professor Albert Ip Yuk-keung, Chairman of the World Green Organisation; Dr Allen Shi Lop-tak, Chairman and Founder of Brilliant International Group Limited; Mr Wong Ming-yam, Founding Director of InnoLink Investments Limited; and Mr Johnny Yeung Chi-hung, Chairman and Chief Executive Officer of Fujikon Industrial Holdings Limited.

### Honorary Doctorates

Then in November, for their huge contributions to education and the well-being of society, CityU conferred honorary doctorates on Professor Gérard Mourou, Nobel Laureate in Physics in 2018, Professor Haut-Collège and Director of the International Center for Zetta-Exawatt Science and Technology at the École Polytechnique; and Dr Rimsky Yuen Kwok-keung, former Secretary for Justice of the HKSAR Government and currently Senior Counsel.

## 表彰傑出人士

### 榮譽院士

本港及國際社會賢達的支持，有助提升城大聲譽及推廣大學形象。2021年9月，城大頒授榮譽院士銜予四位傑出人士，以表彰他們為城大及社會服務並促進其發展的傑出貢獻。他們是：世界綠色組織主席葉毓強教授；華彩集團有限公司主席兼創辦人史立德博士；崇賢投資有限公司創建董事王明鑫先生；富士高實業控股有限公司主席兼行政總裁楊志雄先生。

### 榮譽博士

隨後在11月，城大頒授榮譽博士學位予兩位傑出人士，以表彰他們對教育及社會福祉的重大貢獻。他們是：2018年諾貝爾物理學獎得主、法國綜合理工學院Haut-Collège教授及Zetta-Exawatt國際科技中心主任熱拉爾•穆胡教授；前香港特區律政司司長、資深大律師袁國強博士。



## Highlights of the Year 年度大事摘要

### Olympic glory

Sport is integral to the CityU story. Our sports teams have dominated local competitions for years. Alumna Ms Grace Lau Mo-sheung, a female karate specialist, took our sporting prowess to another level when she won the Bronze medal for Hong Kong in the Karate Women's Kata at the Tokyo Olympics in August 2021. A huge team of supporters led by President Kuo cheered on Grace at a live broadcast of her event on the CityU campus. Grace then attended a special party on campus later that month to welcome her home after her extraordinary Olympic achievement.

### Championing the arts

Integrating the arts with science and technology is a CityU speciality, and once again we showcased talent and dedication in this area. An exhibition titled "Atlas of Maritime Buddhism" at the Indra and Harry Banga Gallery turned the spotlight on how the Maritime Silk Road enabled cultural exchanges through the diffusion of Buddhism. This visually impressive showcase held from July to October 2021 uniquely integrated transnational academic study, archaeology, digital imaging, digital media, and location shooting, among others, through a variety of advanced technologies that vividly and pan-dimensionally revealed magnificent historical sites related to Buddhism.



### 奧運榮譽

體育是城大發展歷程中不可或缺的一部分。多年來，城大體育隊在本地賽場上屢次力壓群雄，奪冠問鼎。2021年8月，校友、空手道女子運動員劉慕裳女士在東京奧運空手道女子個人形項目成功為香港取得銅牌。郭校長率領眾多支持者在校園內觀看劉女士的賽事直播，齊齊為她打氣。隨後在8月底，城大為她舉辦慶祝會，迎接她凱旋歸來，並表彰她的成就。

### 科技推動藝術

城大擅長結合藝術與科技，今年在這方面再次展示能力和熱誠。2021年7月至10月，城大般哥展覽館舉行「海上佛教地圖集」展覽，展示海上絲綢之路如何促進佛教傳播與文化交流。該展覽獨特地結合了跨國學術研究、考古學、數碼影像、數碼媒體和實地拍攝等，透過多種先進科技，生動立體地呈現壯麗的佛教遺址，視覺效果極其出色。

Alumna Ms Grace Lau Mo-sheung won the Bronze medal in the Karate Women's Kata at the Tokyo Olympics 2021.  
校友劉慕裳女士贏得2021東京奧運空手道女子個人形項目銅牌。



A fascinating exhibition, A Glimpse of Tang Prosperity from Murals - The Exhibition Tour on Murals of the Tang Dynasty, was held at CityU's Indra and Harry Banga Gallery.

城大般哥展覽館呈獻精彩的「盛世壁藏 - 唐代壁畫文化特展」。

Another fascinating exhibition at the Indra and Harry Banga Gallery was "A Glimpse of Tang Prosperity from Murals — The Exhibition Tour on Murals of the Tang Dynasty" held from December 2021 to June 2022. This multimedia event recreated an ancient Tang Dynasty tomb in which 42 exquisite imperial paintings from more than 1,300 years ago are projected using new multimedia technology.

CityU is close to the local community and so it was fitting that an exhibition about the economic development of Yau Yat Tsuen, the neighbourhood where CityU is located, was held on campus. The "Post-War Hong Kong and the Story of Tat Chee Avenue" in October 2021 presented an overview of Hong Kong in the 1950s and 1960s and paid tribute to local entrepreneur Mr U Tat-chee for his contributions to the advancement of the economy, people's livelihood and education of Hong Kong after the World War II.

2021年12月至2022年6月，般哥展覽館呈獻的「盛世壁藏 — 唐代壁畫文化特展」亦極為精彩。展覽以多媒體新技術重現唐代國寶級壁畫典藏，仿原墓道設計將42幅珍貴壁畫投射在仿墓道兩旁，重現1,300多年前的皇室藝術精品。

城大與本港社群聯繫緊密，因此在校園舉辦大學所在地又一村經濟發展的展覽可謂順理成章。2021年10月，城大舉行「戰後香港與達之路的故事」展覽，呈現上世紀五六十年代的香港歷史面貌，並紀念本地企業家余達之先生對推動香港戰後經濟、民生及教育發展的貢獻。



## CHAIRMAN'S FOREWORD 校董會主席 序言



## MAINTAINING EXCELLENCE DESPITE THE CHALLENGES

### 面對挑戰 保持卓越

I am delighted that City University of Hong Kong (CityU) continues to make substantial advances in many areas, from professional education and problem-based research for society to institutional development and outreach. The theme for this year's Annual Report, "Venturing Beyond Boundaries," is perfectly apt: it captures our passion for navigating a path into new areas of knowledge-building, thereby generating innovative technologies and fresh insights, all of which feed into making our world a better place.

香港城市大學(城大)在多個領域持續取得重大發展，令人欣喜，包括專業教育、問題導向研究、大學發展以及對外拓展。本年度年報的主題「創科無限 引領未來」非常貼切地闡述了大學探索創建知識新領域的熱情，以推動研發創新科技、發掘嶄新思維，從而令世界變得更美好。



The global pandemic has not made life easier for anyone in the higher education sector. In common with other institutions in Hong Kong, we have been presented with several challenges, each one of which could have disrupted our operations. However, I continue to be in awe of the dedication of our faculty and staff, and the enthusiasm of our students in ensuring that CityU remains vibrant and open.

Our faculty members have gone from strength to strength over the past academic year with many of our top faculty members being honoured for their outstanding contributions in several disciplines. Most noticeable is that our researchers are producing work that is recognised by the premier journals in several fields, which means their work is reaching other top scholars around the world. In addition, several CityU faculty members have been elevated to some of the foremost bodies for academia and research, honours that reflect the quality of what we offer at CityU and something which widens our international network and boosts our profile.

There is a clear sense of renewal at CityU as we strive to strengthen our brand and identity. The refreshed University Anthem, introduced at our inaugural University Day in March, serves to reach out to current and potential students, the public, government, donors, friends and the international community to let them know who we are, what we stand for, and the direction we are taking. That connection with the community is clearly making a difference as evidenced by our rising international status, the research grants that we secure and the generous donations that we receive.

We see this sense of renewal in the physical transformation of campus and the new capital projects taking place. New buildings are under construction at the very heart of the University and the extra halls of residence off campus are making excellent progress. This new “look” creates an abundance of fresh energy that adds to the dynamic character of the University.

疫情肆虐全球，所有高等學府無不受到影響。城大跟本港其他學府一樣面對多重挑戰，而每項挑戰均可能擾亂我們的日常運作。即使如此，城大教職員一直緊守崗位，學生積極投入大學生活，使城大持續保持朝氣蓬勃、教學如常進行，在在令我驚嘆。

我們的學術人員在剛過去的學年取得更卓越成就，當中多位頂尖學者因在一眾領域作出重大貢獻而獲得表彰。特別值得一提的是，城大學者撰寫的研究論文獲不同領域著名學術期刊刊登，意味着他們的研究受到世界各地頂尖學者的關注。此外，我們多位學者膺選為殿堂級學術研究學院院士，彰顯城大教研實力，且擴大了我們的國際網絡，提升了大學聲譽。

城大致力增強推廣品牌形象，帶來煥然一新的氣象。我們於3月首次舉行「大學日」，並推出新版本的城大校歌，向現時在校及未來可能入讀的學生、市民大眾、政府、捐贈者、各界好友及國際社群闡述大學的志向，使各方更深入了解城大，明白我們的理念以及未來的發展路向。城大的國際聲譽日隆、獲批的研究資助金額以及收到的慷慨捐助，均反映城大深受社會支持。

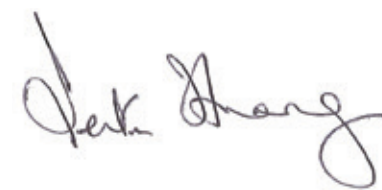
城大校園的變化以及正在興建的建築項目，亦為大學帶來新面貌。校園中心位置現正興建新大樓，而校外的新學生宿舍工程亦進行得如火如荼。這一股新景象產生的新能量，為原已活力充沛的城大增添了動力。

Dynamism is certainly another word that aptly describes 2021/22. We have reached out once more to our friends and supporters to create productive partnerships that will benefit CityU and Hong Kong. We have reached agreements with the business and industrial sectors that will see a win-win for CityU, our students and researchers, and local businesses in terms of shared expertise.

We are also making significant contributions to the entire start-up ecosystem in Hong Kong through our timely and exciting platform for entrepreneurs, HK Tech 300. The funds that have been invested will make a huge difference to the economic prosperity of Hong Kong in future years.

CityU is unique in other ways because we don't solely set our sights on academic success. We have demonstrated once more over the past 12 months our commitment to the promotion of sports, exemplified by our alumna's success at the Tokyo Olympics last summer, and the arts, as seen in the fascinating exhibitions at the Indra and Harry Baga Gallery on campus.

Bolstered by the University's Strategic Plan, which is successfully guiding our entire operation, CityU has established an enviable global reputation, evidenced in part by its continued rise in various rankings. CityU embraces internationalisation and diversity, driving innovative approaches within higher education today for the future. Consequently, CityU continues to excel at local, regional and global levels by “venturing beyond boundaries,” to lead Hong Kong's higher education development.



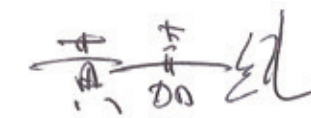
**Lester G Huang, SBS, JP**  
Chairman of the Council

用「活力充沛」形容城大2021/22年度的表現恰如其分。我們在年內與更多友好及支持者結成緊密合作的夥伴，以造福城大及香港。我們與工商界簽訂協議，通過互相分享專業知識和技術，為城大、我們的研究員和學生，以及本地業界締造互惠雙贏的局面。

我們為創業者推出適時且充滿機遇的大型計劃HK Tech 300，為香港整個創業生態環境作出重要貢獻。我們對該計劃的投資，將對香港未來的經濟繁榮發揮重要影響。

城大另有獨特之處，因為我們並不僅僅着眼於學術成就。過去一年裡，我們的校友在東京奧運會勇奪獎牌，反映城大重視體育的成果。另一方面，大學的般哥展覽館於年內舉辦多個精彩展覽，展示了城大推廣藝術的努力。

城大的策略性發展計劃成功引領整體運作，令大學在不同排名榜中持續穩步上升，建立令人欣羨的國際聲譽。我們提倡國際化和多元化，透過創新方式推動高等教育邁向未來，按照「創科無限 引領未來」的理念，繼續在本地、區內及國際各個層面追求卓越，引領香港高等教育的發展。



**黃嘉純 · SBS · JP**  
校董會主席





## MAINTAINING EXCELLENCE DESPITE THE CHALLENGES

### 面對挑戰 保持卓越

#### Overview

##### 摘要

In response to the disruptions caused by the COVID-19 pandemic throughout 2021/22, City University of Hong Kong (CityU) has closely monitored the budgetary situation and deployed measures that ensure smooth operations and continual development according to our Strategic Plan.

為應對新冠疫情對2021/22整個學年造成的影響，香港城市大學（城大）密切監控預算狀況並推行多項措施，以確保大學按照城大策略性發展計劃順利營運，持續發展。



## Treasurer's Report 司庫報告

Income for the University for the financial year 2021/22 was \$5,498 million, an increase of \$394 million compared with last year. There was an expenditure increase of \$301 million to \$5,708 million. Excluding investment results, our operating deficit was \$210 million, an improvement of \$93 million compared with last year.

Due to unusual fluctuations in the investment market, a negative investment return of \$1,215 million for the financial year 2021/22 was recorded, compared with significant investment gains of \$1,236 million last year, which means close to zero growth for the last two years.

The University recorded a deficit of \$1,425 million for the year ended 30 June 2022 as compared with a surplus of \$933 million last year. As of 30 June 2022, the University's net assets stand at \$6,751 million.

大學在2021/22財政年度的收入為54億9,800萬元，較去年增加3億9,400萬元。大學開支為57億800萬元，較去年增加3億100萬元。不計算投資回報，大學的營運虧損為2億1,000萬元，較去年減少9,300萬元。

由於投資市場的異常波動，2021/22財政年度錄得12億1,500萬元負投資回報，去年的投資回報則增長了12億3,600萬元，意味過去兩年的投資回報接近零增長。

大學在截至2022年6月30日的年度錄得虧損14億2,500萬元，而去年盈餘則為9億3,300萬元。截至2022年6月30日，大學的資產淨值為67億5,100萬元。

## University Income

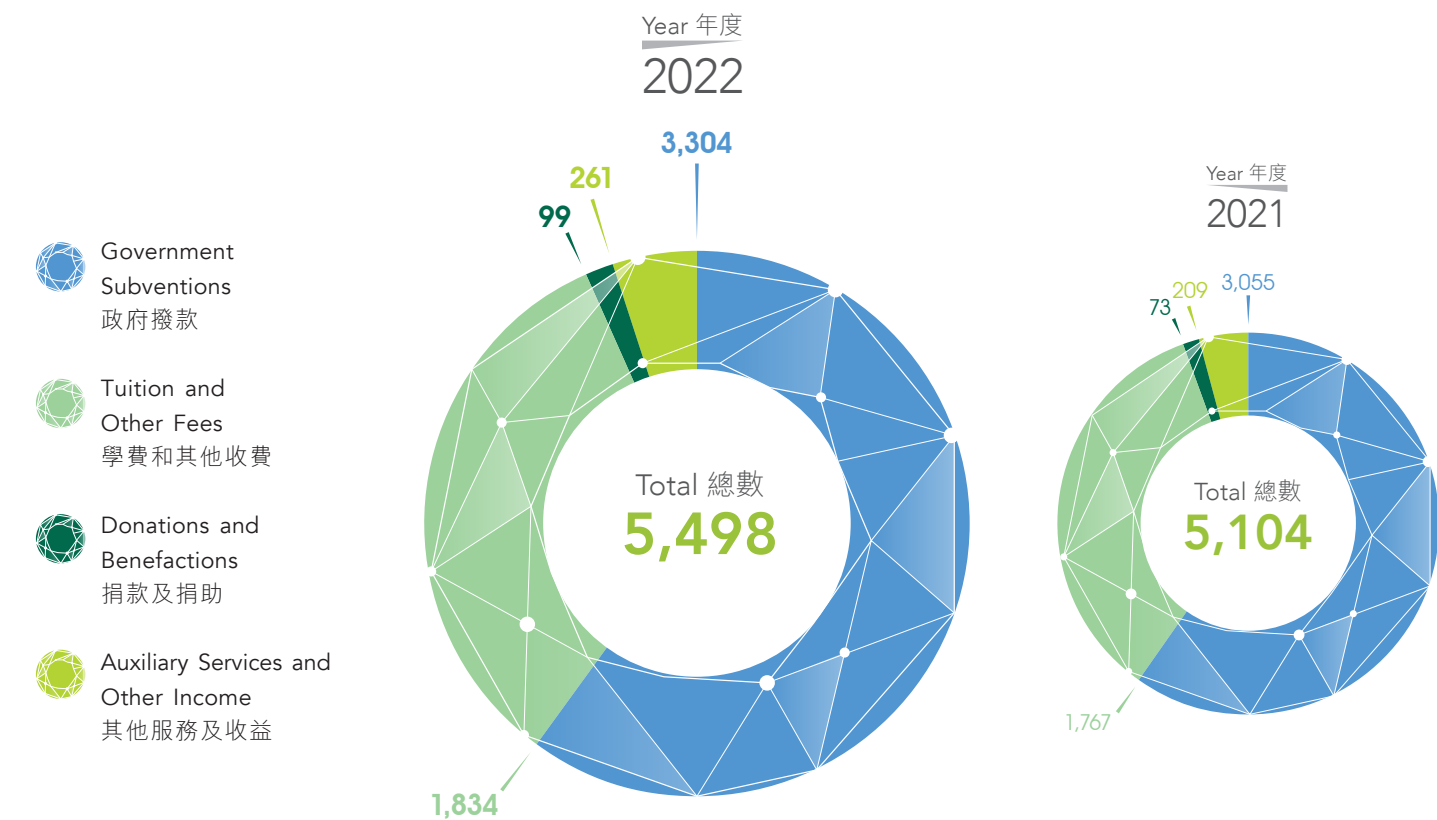
As shown in the income chart below, the University derives its revenue from various main sources, including government subventions, student tuition and other fees, donations and benefactions, and other contract and auxiliary services. Income amounted to \$5,498 million for 2021/22, an increase of \$394 million compared with \$5,104 million last year. The increase was mainly due to the increase in government-earmarked funding and tuition fees for both UGC and Non-UGC programmes.

## 大學收入

如以下大學收入圖表所示，大學收入有多種主要來源，包括政府撥款、學費和其他收費、捐款及捐助，以及其他合約與雜項服務。2021/22年度大學的收入總額為54億9,800萬元，較去年的51億400萬元增加3億9,400萬元。增加的主要原因是政府特定撥款增加，以及教資會和非教資會資助課程的學費增加。

### University Income 大學收入

\$ million 百萬元





### Government Subventions

These subventions included block grants, supplementary grants, research matching grants and other earmarked grants, capital grants, and grants from other government agencies. Government subventions for the year were \$3,304 million compared with \$3,055 million last year, an increase of \$249 million due to a rise in the earmarked grants and funding from other government agencies.

Success in securing funding spotlights CityU's research strengths and support for the research infrastructure and operations required for attracting and retaining top research talent from around the world. During the year, the University recognised research funding worth \$204 million. In addition, external research funding amounting to \$243 million was secured, compared with \$224 million last year, for specific research projects through government-related organisations.

Income recognised from capital grants and alterations, additions, repairs and improvements block allocation was \$113 million, compared with \$120 million last year.

### Tuition and Other Fees

Student tuition and other fees stood at \$1,834 million for 2021/22, compared to \$1,767 million last year, representing 33% of the University's income. The increase over last year was mainly due to a rise in both UGC- and non-UGC-funded student numbers and the slight increase in fees for self-financed programmes. The increase was to some extent offset by fewer students taking courses offered by the School of Continuing and Professional Education compared with previous years. As the main purpose of offering self-financed programmes is to meet community needs, we continue to promote our robust quality assurance system and ensure that all self-financed programmes meet the rigorous standards set for UGC-funded programmes.

### Donations and Benefactions

In 2021/22, the University received donations, contract research and matching grants of \$94 million under the Research Matching Grant Scheme. Cash from donations and benefactions received during the year amounted to \$196 million. Among the total donations received, \$97 million was deferred to match projects with designated purposes, including capital projects and research activities. Thus, \$99 million was recognised in 2021/22 in the Income and Expenditure Statement. During the year, \$60 million was received from the Hong Kong Jockey Club Charities Trust for the Jockey Club One Health Tower and community service projects, for which the University is most grateful. Moreover, the University would like to thank donors, alumni, faculty

### 政府撥款

政府撥款包括整體撥款、補助撥款、研究配對補助金與其他特定撥款、基本工程撥款以及其他政府機構撥款。本年度政府撥款共33億400萬元，較去年的30億5,500萬元增加2億4,900萬元，原因是特定撥款及其他政府機構的撥款增加。

成功獲得多項資助彰顯了城大的研究實力，以及大學為吸引和挽留世界各地頂尖研究人才而對研究基礎設施與營運的支持。大學在年內確認特定研究撥款2億400萬元。此外，大學從其他政府相關機構獲得研究資助2億4,300萬元以用於特定研究項目，而去年為2億2,400萬元。

來自基本工程撥款及改建、加建、維修及改善工程的確認收入為1億1,300萬元，去年則為1億2,000萬元。

### 學費及其他收費

大學2021/22年度來自學費及其他收費的收入為18億3,400萬元，而去年為17億6,700萬元，佔總收入的33%。本年度收入較去年增加的主因，是教資會及非教資會資助的學生人數與自資課程的收費略有增加。與往年相比，修讀專業進修學院課程的學生數目下降，因而在一定程度上抵消了部分增長。大學開辦自資課程的主要目的是切合社區需要，因此我們將繼續推行及加強其完善嚴謹的質素保證制度，務求所有自資課程的質素均達到教資會資助課程的嚴格水平。

### 捐款及捐助

在2021/22年度，大學在研究配對補助金計劃獲得的捐款、合約研究與配對補助金為9,400萬元。年內來自捐款及捐助的現金為1億9,600萬元。在收到的全部捐款中，有9,700萬元將延後確認，以配合有指定用途的計劃，包括大型基建工程和研究活動。因此2021/22年度收入及支出表中確認的捐款為9,900萬元。大學年內獲香港賽馬會慈善信託基金捐款6,000萬元，用於賽馬會健康一體化大樓以及多項社會服務計劃，大學對此深表謝意。大學感謝所有捐款人、校友、師生的持續慷慨捐贈。這些捐款將用於

and students for their continued financial support for our academic development, research initiatives, student exchanges, scholarships and capital projects. All donations and benefactions are properly managed and allocated according to the donors' wishes for the success of the University's teaching and research objectives.

### University Expenditure

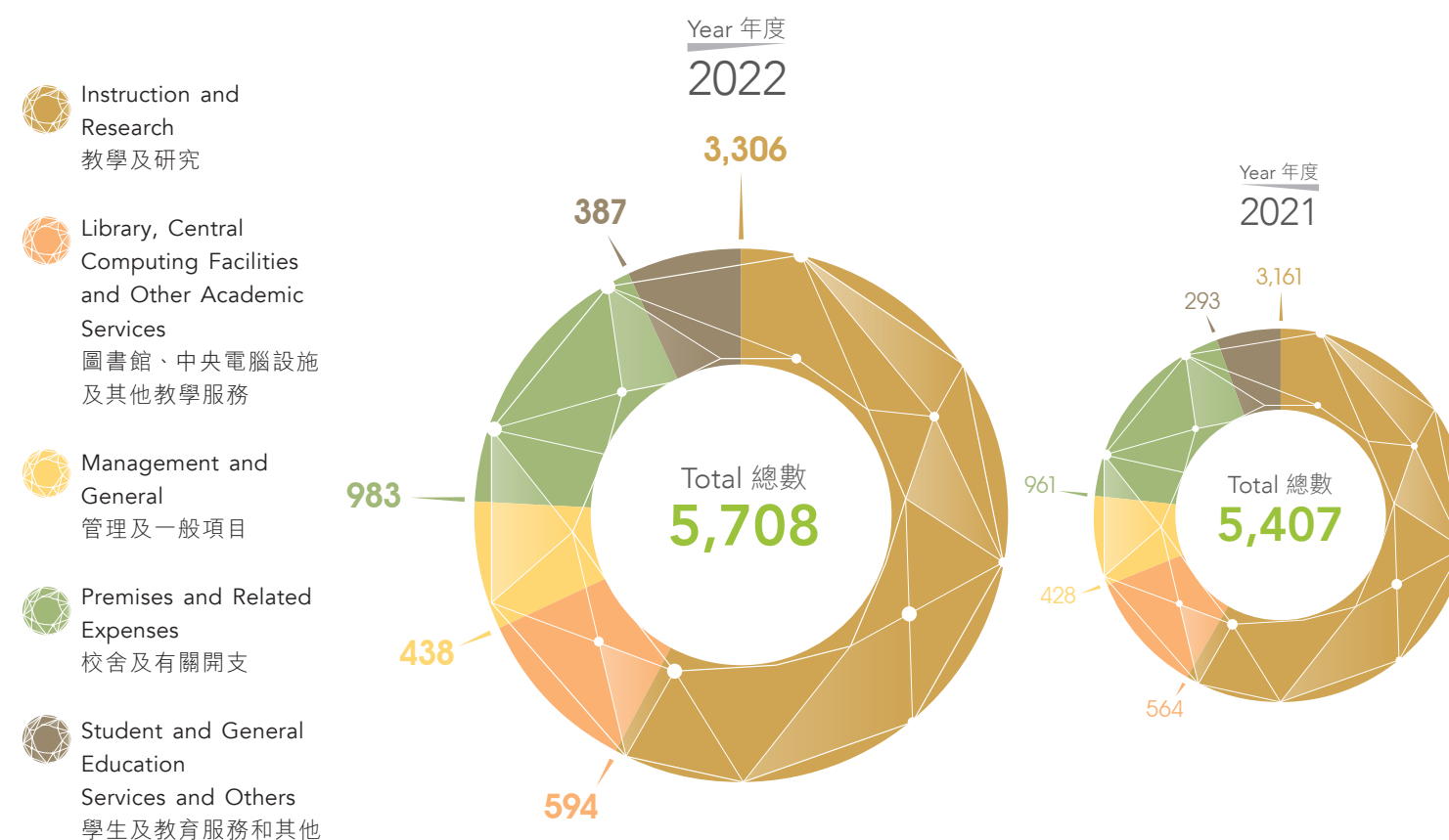
University expenditure for 2021/22 was \$5,708 million, as compared with \$5,407 million last year, an increase of \$301 million, about a 6% increase. This increase was mainly due to an increase in salary costs and an increase in research and other activities to match the growth and development of the University. Though some academic and exchange activities were cancelled or postponed due to the pandemic, the University has operated as normal and has increased investment in research and start-up funding, capital programmes, cyber security, and IT improvements.

大學的學術發展、研究計劃、學生交流、獎學金、大型基建工程。各項捐款及捐助都會按捐贈者的意願妥善管理及分配，以實現他們襄助大學達成教研目標的願望。

### 大學開支

2021/22年度大學的開支總額為57億800萬元，較去年的54億700萬元增加3億100萬元，增幅約為6%。增加的主要原因是薪酬開支增加，以及為配合大學發展而增加的研究及其他活動。疫情導致一些學術及交流活動取消或延遲，但大學仍正常營運，並增加了對研究及初創企業、基建工程計劃、網絡保安與提升資訊技術的投資。

University Expenditure 大學開支  
\$ million 百萬元





Staff costs for the year amounted to \$3,312 million, a \$99 million increase mainly due to salary adjustments, compared with \$3,213 million last year. A sum of \$1,729 million was spent on operating expenses, compared with \$1,568 million recorded last year, and, after two years of remote instruction, the University successfully pivoted back to in-person learning and campus life. The safety protocols that we deployed (testing, vaccinations, masks, and contact tracing) enabled the University to avoid large outbreaks of COVID-19 among students in classrooms and residence halls. Colleagues and students who wish to enter campus must adhere to Government and University safety and health guidelines.

High-quality research by faculty and students is fundamental to our mission. Our diverse and inclusive community of faculty and researchers has continued to conduct research that benefits all segments of society, helping to forge partnerships, solve local and global challenges, and create applicable knowledge. Besides the increase in teaching projects and research studentships, scholarships, bursaries and student support increased to \$232 million from \$176 million last year, primarily because of the special emphasis put on supporting graduating students' employability. With a University-wide effort and effective career support, the employment situation for the 2021 Class improved significantly despite the challenges in the market.

2021/22年度的員工薪酬及福利開支為33億1,200萬元，較去年的32億1,300萬元增加9,900萬元，增幅主要來自員工薪酬調整。營運開支為17億2,900萬元，而去年為15億6,800萬元。經過兩年的遠程教學，大學成功恢復面授教學及正常的校園生活。城大施行的安全措施（檢測、疫苗接種、佩戴口罩與接觸者追蹤），避免了學生在教室及宿舍中出現新冠疫情大規模爆發的情況。所有進入校園的教職員與學生必須遵守政府及大學的安全與健康指引。

教員與學生的優質研究是城大實踐使命的基礎。大學多元化及開放包容的教員和研究員社群，持續開展造福社會各界的研究，幫助建立夥伴關係，解決本地及全球面臨的難題，創造實用知識。除了用於教學計劃和研究生助學金的開支有所增加，獎學金、助學金及學生支援開支亦上升至2億3,200萬元，而去年為1億7,600萬元，主要原因是大學特別注重加強畢業生的就業能力。城大多個部門合作提供有效的就業支援，幫助2021年畢業的學生克服就業市場的重重困難，成效顯著。

The University's Strategic Plan has addressed the need to improve the quality of admissions and the existing environment for teaching and research. In particular, ongoing construction projects must accommodate increasing numbers of academic activities and research initiatives. During the year, some capital spending was paused due to a shortage of raw materials, travel restrictions and uncertainties related to the COVID-19 pandemic. For example, the progress of the Jockey Club One Health Tower has been unavoidably delayed. Meanwhile, following the delay in the handover of the site by the Government to the University in December 2021, the Modular Integrated Construction (MiC) method was used to expedite the construction of the student hostel at Ma On Shan. In addition, the CityU International Centre, which is now under construction next to the CityU campus in Kowloon Tong, will become an iconic building for promoting internationalisation.

For 2021/22, \$667 million was recorded as depreciation and others, compared with \$627 million last year. Because of security and safety concerns over ageing buildings and facilities on campus, all maintenance and renewal works have been prioritised. The depreciation charge will continue to increase as our capital programme advances.

Appropriate investment in people, facilities and support services has contributed to our success in 2021/22. A sum of \$3,900 million, about 68% of total expenditure, was spent on instruction and research, the Library, central computing facilities, and other academic services in support of award-bearing programmes and a series of innovative teaching and learning projects. Institutional support increased to \$1,808 million and accounted for about 32% of total expenditure at the University. Of these institutional support expenses, \$983 million went on premises and related expenses, \$438 million on management and general, and \$387 million on student and general education services and others.

大學的策略性發展計劃明確指出要提升入學新生的質素及教研環境，尤其是正在展開的各項基建工程，必須容納與日俱增的學術活動與研究項目。在本學年內，由於原材料短缺、旅遊限制及疫情帶來的不確定性，一些基建支出被暫停，因而無可避免引致部分工程進度延遲，例如興建賽馬會健康一體化大樓。同時，由於政府延後移交馬鞍山學生宿舍工地，在2021年12月工地移交給大學後，校方採用組裝合成建築法以加快建設速度，而正在城大九龍塘校園旁施工的城大國際中心大樓，有望成為推廣國際化的新地標。

2021/22年度，大學將6億6,700萬元用於折舊及其他項目，而去年為6億2,700萬元。為了確保校園老化設施的安全，各項維修及更新工程已釐定優先次序。因基建工程計劃仍在進行中，折舊費用將持續增加。

大學對員工、設施及支援服務的適當投資，有助其在2021/22年度取得成功。約68%的大學總開支，即39億元，用於教學及研究、圖書館、中央電腦設施及其他教學服務，以支援大學開辦的學銜頒授課程及多項創新教學計劃。教學支援的開支上升至18億800萬元，約佔大學年度總開支的32%。教學支援的開支中，校舍及有關開支為9億8,300萬元，管理及一般項目開支為4億3,800萬元，學生及教育服務和其他開支為3億8,700萬元。



### Investment Return

The University's investment income comprises interest, dividends, realised gains/(losses), and unrealised gains/(losses). The University has invested in a long-term, broadly diversified portfolio, which is managed by fund managers. COVID-19 caused significant volatility and declines in the global equity markets in 2021/22. Though the global economy has slowly recovered after the easing of pandemic restrictions, the Russia — Ukraine conflict, COVID-related lockdowns in mainland China, and tighter monetary policies enacted by major central banks created uncertainty and a darker financial outlook for the second quarter of 2022. This challenging macroeconomic environment means, unsurprisingly, financial markets have weakened. The interest and dividends recognised during the year amounted to \$87 million, compared with \$97 million last year, and during the year, the University recorded a negative return on interest and investment income of \$1,215 million, largely due to unrealised losses. A balanced investment performance has been achieved, with a 10-year average annual return of about 4% for the University Portfolio, which aligns with the benchmark for the same period. The University will continue to adopt a prudent, diversified and long-term approach to its investments.

### Hostel Development Funds

The University received \$2.5 billion from the UGC's Hostel Development Fund for accelerating the development of the Student Hostel Projects at Whitehead in Ma On Shan and Tat Hong Avenue in Kowloon Tong, targeting to provide 3,167 hostel places in total. A judicious investment strategy, which is low risk for capital preservation and the generation of reasonable returns, has been adopted for the investment of the Hostel Development Fund. Two fund managers were appointed and a regular review of investment performance was conducted. Up to 30 June 2022, \$384 million was generated from the Hostel Development Fund. The cumulative investment return will be deferred to match capital expenditure in future years.

### Consolidated Results

The consolidated income and expenditure for the financial year 2021/22 were \$5,738 million and \$5,946 million, respectively. Due to the negative investment return from unrealised investment losses, net assets were reduced to \$6,819 million compared with \$8,244 million last year.

### 投資回報

大學投資收益包括年內所得的利息、股息、變現收益／(虧損)與未變現收益／(虧損)。大學採取長遠而多元化的投資策略，並由基金經理管理。新冠疫情引致全球股票市場在2021/22年度出現大幅波動與下跌。全球經濟在防疫限制放寬後緩慢復甦，但俄烏衝突、中國內地因疫情而封城，以及多家主要央行實施貨幣收緊政策，都給2022年第二季度帶來了不確定性和更暗淡的財務前景。毫無疑問，如此具挑戰性的宏觀經濟環境意味着金融市場已經疲軟。大學年內確認的利息及股息共為8,700萬元，去年則為9,700萬元。大學年內在利息及投資收益錄得12億1,500萬元負回報，主要是因為未變現虧損。大學取得均衡的投資表現，投資組合的十年平均年回報率約為4%，與同期基準持平。大學將繼續採取謹慎、多元化及長遠的投資策略。

### 宿舍發展基金

大學從教資會宿舍發展基金收到25億元撥款，用於加快興建位於馬鞍山白石和九龍塘達康路的學生宿舍，完工後有望提供共3,167個宿位。宿舍發展基金的投資採用審慎的低風險投資策略，在資本保值及產生合理回報之間取得平衡。城大任命了兩名基金經理，並對投資業績作定期檢討。截至2022年6月30日，宿舍發展基金已獲得3億8,400元回報。累計投資回報將遞延以配合今後幾年的基本工程開支。

### 綜合業績

2021/22年度的綜合收入及支出分別為57億3,800萬元及59億4,600萬元。大學整體資產淨值由上年度的82億4,400萬元下降至68億1,900萬元，原因是未變現投資虧損導致投資回報出現負數。

### Going Forward

The COVID-19 pandemic has caused uncertainties locally and globally. Adapting to the new circumstances has demanded resolve, resourcefulness and resilience. In partnership with its faculty and staff, the University has invested in the curriculum and innovative forms of course delivery to overcome hurdles. In relation to HK Tech 300, considerable progress has been made toward our long-term priorities. At the same time, the University will remain committed to investing in sustainability and focusing on financial health by employing a prudent and strategic approach to resources and endowments. To ensure long-term sustainability, we will continue to find ways to improve productivity and identify measures for containing expenses and implement strategies that mitigate the impact of the pandemic and other unforeseeable economic situations.

While the global pandemic remains an ongoing concern, the University has managed all challenges properly as they arose. As a world leader in professional education and problem-based research, the University concentrates firmly on community engagement through our Strategic Plan. We owe our deepest and most sincere thanks to our committed staff and students, and to our generous donors who continuously invest in research and education.

Despite the challenges, CityU is maintaining a stable financial position in support of growth and development and will continue to build the physical spaces needed for enhancing our teaching and research environments, attracting highly talented scholars and students, and pursuing excellence in research.



Charles Chin Ying-on  
Treasurer

### 前瞻

新冠疫情為本港及全球帶來不確定性。要適應新環境，需要果斷、智謀與堅韌。城大與教職員全力合作，為課程與創新授課方式投入人力物力，以克服種種障礙。至於HK Tech 300的施行，大學的長期優先項目獲得了相當大的進展。此外，大學將繼續致力於投資可持續發展，對各種資源及捐助採取審慎與策略性方法，以保持財務狀況穩健。為了確保長期可持續發展，我們將繼續尋求各種提升生產力的方法及控制開支的措施，施行多種策略以減輕疫情及其他不可預見之經濟形勢造成的影響。

全球疫情依然令人擔憂，而大學在各種挑戰出現時都能作出妥善應對。作為一所矢志於專業教育及問題為本研究的全球領先大學，城大在策略性發展計劃指引下專注於社會參與。大學向各位盡職盡責的教職員、學生以及一直慷慨捐助研究及教育的各界人士表示衷心感謝。

儘管面對挑戰，城大將繼續保持穩定的財務狀況以支持大學的增長和發展，並將擴充校園以改善教研環境，吸引傑出學者與優秀學生，追求卓越研究。



錢應安  
司庫





## MAINTAINING EXCELLENCE DESPITE THE CHALLENGES

### 面對挑戰 保持卓越

No university should confine itself to its borders or allow itself to be characterised by its limitations. As our theme for this year's Annual Report suggests, "venturing beyond boundaries" must be the hallmark of any international university in the 21st century. This idea of transporting ourselves and our students to more challenging realms has been the benchmark by which we have assessed ourselves over the past 12 months.

大學不該故步自封，更不應為發展設限。本年度的年報主題「創科無限 引領未來」，應是21世紀所有國際大學的指標。能否成功引領城大和學生邁向更具挑戰的領域，正是用以評核我們過去12個月表現的基準。



## Excellent faculty

Our scholars have outdone themselves this year. Despite the challenges imposed by the COVID-19 pandemic, they have continued to fulfil their roles as world-class researchers at the frontiers of their disciplines and fields. It is especially warming to know that over 170 of our faculty are currently listed among the top 2% of the world's most highly cited scientists. These highly successful scholars are not all senior faculty members, either. Many are young scholars. We pride ourselves on our youthful dynamism, evident in our continuing elevated position among the world's top young universities where we are placed 7th, according to the Nature Index 2021 Young Universities issued by the leading academic publisher Springer Nature. With such talent on board, we are confident that we are “venturing beyond boundaries”.

## International reach

Branding is a necessary aspect of higher education today. We need to differentiate our research and the professional education that we offer young people, both local and non-local students, if we are to continue to attract the best available talent. The HK Tech Forum, organised by CityU's Hong Kong Institute for Advanced Study, has proved to be an excellent platform for world-renowned researchers, including Nobel Laureates and Turing Award recipients, to share their findings and their insights on an extensive range of topics, from Data Science and AI to Reliability and Safety of Intelligent Systems and Metabolism in Health and Disease. These areas are among the most talked about in science and technology today and are discussed throughout 2022 under the CityU brand name.

We have also reached out to the heads of some of the world's most exciting universities for an interview series that I host titled “Beyond Boundaries: Dialogue with Presidents of World's Leading Educational Institutions”. To promote and enhance diversified cross-cultural studies, the series explores the evolving characteristics of higher education and seeks to understand the strengths and problems that specific universities face and identify possible solutions. The interviews are conducted in person or online and interviewees include heads who have visited CityU in the past and those whom I have visited on outbound journeys. The places featured include, among others, University of Illinois, Institut Polytechnique de Paris, Indian Institute of Technology, Humboldt-Universität zu Berlin, University of Cape Town and Shanghai Jiaotong University.

## 教研人員卓越

儘管面對疫情的種種挑戰，我們的教研人員在本年度紛紛超越自我。作為世界級研究者，他們繼續在其研究領域的前沿克盡己職。我們尤其欣喜得悉，逾170位城大教研人員獲評為論文被高度引用的全球排名前2%科學家；更令人雀躍的是，當中並非全為資深學者，而是包括多位年輕學者。我們一向為城大的年輕活力特質引以為傲，根據著名學術出版機構施普林格 — 自然(Springer Nature)公佈的「自然指數 — 年輕大學2021」排名，城大在全球頂尖年輕大學中位列第七，足證我們持續在全球頂尖年輕大學中高踞前列。擁有如此優秀教研人員，我們深信大學當可達成「創科無限 引領未來」的願景。

## 國際聯繫

品牌定位是現今高等教育重要的一環。我們若要繼續吸引最優秀的本地及非本地學生入讀，便須彰顯城大的研究及專業教育如何與別不同。因此，城大香港高等研究院舉辦HK Tech Forum系列，為包括諾貝爾獎及圖靈獎得主在內的世界頂尖學者提供卓越平台，分享研究所得和見解，探討範疇廣泛的議題，從數據科學和人工智能到智能系統安全及可靠度，以至與健康及疾病相關的人體新陳代謝。在2022年內，以城大名義舉辦的論壇中逐一論述了這些現今科技界炙手可熱的議題。

此外，我們通過《大問於市：與全球頂尖校長對話》系列，聯繫世界各地頂尖大學的校長。訪問由我主持，深入探討高等教育不斷演變的特點、了解彼此所長、個別大學面對的問題和解決方案，目的為推動和提升多元、跨文化學習。受訪人物有現場或透過網上接受訪問，包括曾到訪城大，以及我出訪交流時會晤的大學校長；受訪之學府包括美國伊利諾大學、巴黎綜合理工學院、印度理工學院德里學院、柏林洪堡大學、開普敦大學和上海交通大學。

## Start-up the start-ups

The entrepreneurial flame has been lit at CityU and serves to guide young people with promising ideas for a new business. Over the past few months, we have been assessing many ideas for start-ups submitted to the HK Tech 300 programme, an initiative that plans to launch 300 start-ups in three years. Many of the proposals show great promise and, deservedly, new start-ups are now getting the seed and angel funding that they require to venture forth. Meanwhile, exciting new collaborations between CityU and Hong Kong Science and Technology Parks Corporation (HKSTP) as well as the Hong Kong Applied Science and Technology Research Institute (ASTRI) will help to take new projects to the next level. HKSTP and ASTRI will supply a flow of ideas and supporting drives to give start-ups under HK Tech 300 the best possible environment in which to succeed. We hope that these CityU-grown start-ups will transform the economic and hi-tech landscape in Hong Kong and the region.

## Consolidating the CityU identity

Our growth over the past few years means that CityU is now perceived locally and non-locally as a major international university. In keeping with this refreshed image, we devised several initiatives aimed at consolidating our identity as a university. To start with, we founded University Day (U-Day), an annual event to be held on the third Friday of March. U-day will allow CityU to communicate to local and non-local audiences our story as it develops over the next few years. It will be a day of celebration, one that champions our faculty and students.

To make our inaugural U-Day a memorable event, we used this opportunity to introduce our new Mascot, which takes the form of a tiger, and a refreshed version of our University Anthem, which is titled “Knowledge and Wisdom”. We now have versions of the University Anthem in English as well as Cantonese and Putonghua, all of which come together to create a greater sense of belonging and purpose at CityU.

## Art, sport and academics

As we advance as a world-class university, CityU will always support a rich mix of activities. That's why we count sport as an essential feature of our identity. Building on the historic successes of our athletics teams over the decades, we welcomed the incredible performance of alumna Ms Grace Lau Mo-sheung, a female karate specialist, who won the Bronze medal for Hong Kong in the Karate Women's Kata at the Tokyo Olympics in August 2021 and then won the Bronze medal at the World Games in July 2022 in the US.

## 引領初創公司

創業之火已於城大點燃，將引領具有優秀創業意念的年輕人。我們推行的HK Tech 300計劃，目標是於三年內創造出300間初創企業。過去數月，我們評核了多個初創建議。這些建議不少極具潛質，因此獲得種子基金和天使基金資助，繼續朝初創之路前進。與此同時，城大與香港科技園公司(科技園公司)及香港應用科技研究院(應科院)結盟合作，令計劃提升至另一層次。科技園公司和應科院將為HK Tech 300計劃轄下的初創公司提供意念及支援，以創造最佳環境助其取得成功。我們希望這些由城大培育的初創公司，可為香港及區內經濟及高科技發展創造一片新天地。

## 鞏固城大形象

我們近年的發展，使城大在本地及國際上都被視為一所主要的國際大學，為此我們透過多種渠道鞏固新建立的形象。首先，我們設立了「大學日」(U-Day)，並定於每年3月第三個星期五舉行，藉此向本港及外地人士介紹城大的最新發展，同時慶祝我們的優秀教研人員和學生的成就。

為了令首屆「大學日」增添紀念意義，我們特別在當日介紹了以老虎為造型的嶄新城大吉祥物，並播出名為「科創入世」的城大校歌新版本。城大校歌現有英語、廣東話和普通話版本，共同譜成促進師生對城大歸屬感的樂曲。

## 藝術、體育和學術

隨着城大逐步發展成世界級大學，我們一如既往地支持豐富多元的活動，其中體育運動更是不可或缺。我們的體育隊伍在過去多年來戰績彪炳，而更令人欣喜的是，我們的空手道運動員、校友劉慕裳女士於2021年8月在東京奧運空手道個人形項目勇奪銅牌，及後再於2022年7月在美國舉行的世界運動會女子個人形項目奪得銅牌。



At the same time, we have held major art exhibitions at the Indra and Harry Banga Gallery such as the exhibition titled “Atlas of Maritime Buddhism”, which showcased aspects of the diffusion of Buddhism using advanced technologies in creative media, and a multimedia event called “A Glimpse of Tang Prosperity from Murals — The Exhibition Tour on Murals of the Tang Dynasty” that recreated the art from a Tang Dynasty tomb more than 1,300 years ago.

此外，我們於般哥展覽館舉辦多個重大展覽，包括以先進的創意媒體技術呈現佛教多方面傳播情況的「海上佛教地圖集」展覽，以及「盛世壁藏 — 唐代壁畫文化特展」，以多媒體技術重現1,300多年前唐朝墓道內的皇室藝術精品。

Both the sporting emphasis and the devotion to blending art and science to revisit the past enrich the academic side of campus life to create a balanced and harmonious experience for all as we continue “venturing beyond boundaries”.

我們在持續提倡「創科無限 引領未來」之際，亦同時推動體育運動，以及透過藝術與科技的結合重現歷史文物，以豐富校園的學術生活，締造平衡及和諧的體驗。

**Way Kuo**  
President and University Distinguished Professor

**郭 位**  
校長及大學傑出教授



**Professor Way Kuo,**  
**President**  
校長郭位教授



**Professor Christian Wagner,**  
**Provost**  
學務副校長 Christian Wagner教授



**Professor Michael Yang Mengsu,**  
**Vice-President**  
**(Research and Technology)**  
副校長(研究及科技)楊夢魁教授



**Professor Raymond Chan Hon-fu,**  
**Vice-President (Student Affairs)**  
副校長(學生事務)陳漢夫教授



**Professor Matthew Lee Kwok-on,**  
**Vice-President (Development and**  
**External Relations)**  
副校長(發展及對外關係)李國安教授



**Mr Sunny Lee Wai-kwong,**  
**Vice-President (Administration)**  
副校長(行政)李惠光先生



**Professor Richard Yuen Kwok-kit,**  
**Chief-of-Staff**  
秘書長袁國傑教授



## PROFESSIONAL EDUCATION

### 專業教育

Students benefit enormously from the development of the professional education that we offer at City University of Hong Kong (CityU). At all times, we strive to push “beyond boundaries” and supply our undergraduates and postgraduates with stimulating, timely and impactful teaching and learning opportunities. This year was no different.

香港城市大學(城大)致力發展專業教育，栽培學生成為優秀人才。大學一直鼓勵本科生及研究生「突破界限」，並提供激勵思考、合時而影響深遠的學習機會。城大於本年度的專業教育舉措貫徹如一。



## Professional Education 專業教育

### Roaring with success

High-flying students require more academic challenges if they are to develop their potential. The Tiger Programme, a suite of exceptional programmes launched in July 2021 for outstanding students, aims to prepare participants for future leadership roles in science and innovation. CityU Tiger offers a customised curriculum in Mathematics, Physics, Chemistry, English Language and other high-quality courses.

About 200 CityU Tiger students were welcomed at a ceremony held both on campus and online in September 2021. They were among the very top students, such as those with an overall score of 30 or above in four core and two elective subjects in the Hong Kong Diploma of Secondary Education Examination or an overall score of 40 or above in the International Baccalaureate. On offer are also new scholarships, the President's Scholarship and the Hong Kong Tech Scholarship, which reward students who have achieved academic excellence in science (including the biological sciences) and engineering. Tenable for four years, the President's Scholarship is worth \$300,000 per year and the two Hong Kong Tech Scholarships are each worth \$200,000 per year.

### Best teachers in Hong Kong

Recognition for the excellent work of our best teachers is extremely heartwarming since it indicates the high quality of the pedagogy on campus. In September 2021, it was gratifying to learn that a CityU-led inter-institutional team promoting positive education among university students won the 2021 University Grants Committee Teaching Award. Professor Sylvia Kwok Lai Yuk-ching from the Department of Social and Behavioural Sciences is the Principal Investigator of the Joint University Mental-wellness Project (JUMP), which aims to enhance university students' well-being, increase their resilience to face adversity and challenges, and nurture them to contribute to society.

### 老虎班助學生踏上成功之路

對於傑出學生，須給予更多學術挑戰，以助其發展潛能。城大因此於2021年7月推出包含一系列頂尖課程、設計獨特的「老虎班」，特設數學、物理、化學、英文及其他高質素基礎課程，以培育優秀學生成為未來科創領袖。

大學於2021年9月在校內及網上舉行典禮，歡迎約200名「老虎班」學生。他們都是最優秀的學生，例如在香港中學文憑考試(HKDSE)四科主修科加兩科選修科取得總分達30分或以上，或於國際文憑大學預科課程(IB)取得總分達40分或以上。大學為嘉許在科學(包括生物科學)和工程學方面表現優異的學生，特設兩項全新獎學金：校長獎學金和香港科技獎學金。校長獎學金每年設一個名額，金額為每年30萬港元；兩個香港科技獎學金名額，金額為每年各20萬港元。獎學金為期四年。

### 教資會傑出教學獎

優秀老師以其卓越教學獲得表彰，反映了大學的優質教學質素，悉之令人倍感欣慰。2021年9月再次傳來喜訊，由城大領導的跨院校團隊，以促進大學生正向教育的「聯校心理健康推廣計劃」榮獲2021年大學教育資助委員會傑出教學獎。城大社會及行為科學系郭黎玉晶教授是該計劃的首席研究員。計劃目標是提升大學生的身心健康，加強他們面對逆境及挑戰的應變能力，培育他們為社會作出貢獻。



A CityU-led inter-institutional team won the 2021 University Grants Committee Teaching Award.

由城大領導的跨院校團隊榮獲2021年大學教育資助委員會傑出教學獎。

### Excellence on campus

Excellence in teaching needs to be recognised and rewarded as a means to raise teaching standards across campus. This year six faculty members received Teaching Excellence Awards for their contributions to raising the quality of teaching at CityU. The winners were Dr Max Hattler, Assistant Professor in the School of Creative Media (SCM), and a team led by Professor Henry Chung Shu-hung, Chair Professor in the Department of Electrical Engineering (EE), comprising Professor Robert Li Kwok-yiu, Department of Materials Science and Engineering; Dr Ray Cheung Chak-chung, Associate Professor, EE; Dr King Lai Wai-chiu, Associate Professor, Department of Biomedical Engineering; and Dr Lam Miu-ling, Associate Professor, SCM.



Six faculty members received Teaching Excellence Awards for raising the quality of teaching at CityU.

六位學者致力提升城大教學質素，榮獲傑出教學獎。

### Bright future for top talent

STEM education is integral to the development of society. The Bright Future Engineering Talent Hub, which was established at the College of Engineering (CENG) thanks to a HK\$4 million donation from the Bright Future Charitable Foundation, will encourage CityU and secondary and primary schools to collaborate on nurturing engineering professionals through the 24-month STEM education programme. One of the key features of this programme is to recruit secondary students as interns for research projects conducted by CENG students and professors.

### 城大傑出教學獎

傑出教學理應獲表揚及獎勵，以提升校內教學水平。本年度共有六位學者以其對提升大學教學質素的貢獻，榮獲傑出教學獎。得獎者分別是創意媒體學院助理教授Max Hattler博士，以及電機工程學系講座教授鍾樹鴻教授領導的教學團隊，成員包括：材料科學及工程學系李國耀教授、電機工程學系副教授張澤松博士、生物醫學工程學系副教授賴偉超博士，以及創意媒體學院副教授林妙玲博士。



The Inauguration of Bright Future Engineering Talent Hub 「鵬程優才工程學庫」啟動儀式

### 優秀學生鵬程展翅

STEM教育已成為社會發展的重要部分。城大工學院獲鵬程慈善基金慷慨捐贈港幣400萬元，成立「鵬程優才工程學庫」。這項為期24個月的STEM教育計劃，將加強城大與中、小學合作，培養不同範疇的工程學人才。計劃特色之一是中學生能夠以實習形式，參與城大工學院師生進行的科研項目。



### Learning from world-class professors

The well-established President's Lecture Series: Excellence in Academia, initiated by President Kuo in 2010, continued to introduce the CityU community to the high-quality research endeavours of our foremost professors.

In October 2021, Professor Nikolaus Osterrieder, Dean, Jockey Club College of Veterinary Medicine and Life Sciences, and Chair Professor of Virology and One Health in the Department of Infectious Diseases and Public Health, gave a talk titled "Getting the upper hand on COVID-19".

In November 2021, Professor Zhou Dingxuan, Chair Professor and Associate Dean, School of Data Science; Chair Professor, Department of Mathematics; and Director, Liu Bie Ju Centre for Mathematical Sciences, spoke about "Mathematical Theory of Deep Learning".

Professor Matthew Lee Kwok-on, Vice-President (Development and External Relations) and Chair Professor, Information Systems and E-Commerce, Department of Information Systems, gave a talk titled "Why are we so addicted to Cyber Worlds? From Tamagotchi to metaverse" in January 2022.

In the final lecture in this series for 2021/22, the talk by Professor Chi Yun, Chair Professor in the Department of Materials Science and Engineering and Department of Chemistry, was titled "Transition-Metal Phosphors and Corresponding Organic Light Emitting Diodes".

### 世界級教授講座

由郭位校長於2010年設立的「校長講座系列：學術薈萃」弛聲走譽，校內重量級教授通過講座持續向城大社群介紹其高質素研究。

賽馬會動物醫學及生命科學院院長、病毒學及健康一體化講座教授Nikolaus Osterrieder教授，於2021年10月以「疫苗前後 — 如何在應對新冠病毒上保持優勢」為題發表演講。

2021年11月，數據科學學院講座教授兼副院長、數學系講座教授、劉璧如數學科學研究中心主任周定軒教授主持講座，題為「深度學習的數學理論」。

副校長（發展及對外關係）、資訊系統及電子商貿講座教授李國安教授，於2022年1月以「為何我們如此沉迷於網絡世界？從他媽哥池到元宇宙」為題發表演講。

該系列在2021/22學年舉行的最後一場講座，由材料科學及工程學系兼化學系講座教授季昀教授主持，題為「過渡金屬磷光體與相應的有機發光二極管」。



Professor Nikolaus Osterrieder  
Nikolaus Osterrieder教授



Professor Zhou Dingxuan  
周定軒教授



Professor Matthew Lee Kwok-on  
李國安教授



Professor Chi Yun  
季昀教授

### Student Numbers 2021/22 2021/22學生人數

	Research Postgraduate 研究學位課程	Professional Doctorate 專業博士課程	Taught Postgraduate 修課式研究生課程	Undergraduate 學士學位課程	Associate Degree 副學士學位課程	Total 總數
College of Business 商學院	279	179	1,521	4,043	0	6,022
College of Engineering 工學院	1,253	13	684	2,994	250	5,194
College of Liberal Arts and Social Sciences 人文社會科學院	313	0	1,511	2,754	0	4,578
College of Science 理學院	314	0	103	582	0	999
Jockey Club College of Veterinary Medicine and Life Sciences 賽馬會動物醫學及生命科學院	245	0	28	484	0	757
School of Creative Media 創意媒體學院	78	0	200	678	0	956
School of Data Science 數據科學學院	103	0	113	288	0	504
School of Energy and Environment 能源及環境學院	109	0	90	267	0	466
School of Law 法律學院	24	42	679	219	0	964
<b>Total 總數</b>	<b>2,718</b>	<b>234</b>	<b>4,929</b>	<b>12,309</b>	<b>250</b>	<b>20,440</b>

Note:

The student numbers (including the new intakes) are counted as at the census dates defined by the University Grants Committee.

註：

學生人數（包括新生）以大學教育資助委員會收集統計數據的日期為準。



## Academic Awards Conferred in 2021 2021年大學頒授學銜

Academic Awards Conferred in 2021 2021年大學頒授學銜	Total 總數
Doctor of Philosophy 哲學博士	426
Doctor of Business Administration 工商管理學博士／工商管理博士	26
Doctor of Juridical Science 法學博士	7
Engineering Doctorate 工程學博士	4
Master of Philosophy 哲學碩士	10
Master's Degree 碩士	3,345
Postgraduate Diploma 深造文憑	5
Postgraduate Certificate 深造證書	215
Bachelor's Degree 學士	3,597
Associate Degree 副學士	141
<b>Total 總數</b>	<b>7,776</b>

## Distribution of Employed Full-time 2021 Graduates by Employment Sector 按行業劃分2021年度全日制畢業生的就業人數

Employment Sector 行業	Undergraduate (UG) 學士畢業生		Associate Degree (AD) 副學士畢業生	
	Number (UG)人數	(%) 百分比	Number (AD)人數	(%) 百分比
Business Services 商業服務	433	23.70%	2	11.76%
Community, Social and Personal Services 社區、社會及個人服務	144	7.88%	2	11.76%
Construction 建造	43	2.35%	3	17.65%
Education 教育	198	10.84%	—	—
Electricity, Gas and Steam 電力、氣體燃料及蒸汽	13	0.71%	2	11.76%
Engineering, Architectural and Technical Services 工程、建築及技術服務	226	12.37%	6	35.29%
Financial Institutions 金融機構	226	12.37%	—	—
Government 政府	69	3.78%	—	—
Hospitality and Tourism Services 酒店及旅遊服務	22	1.20%	—	—
Insurance 保險	27	1.48%	—	—
Manufacturing 製造業	62	3.39%	1	5.88%
Real Estate 房地產	59	3.23%	—	—
Trading 貿易	100	5.47%	—	—
Transport, Storage and Communications 運輸、存儲及通信	101	5.53%	—	—
Not Classified Above 其他	104	5.69%	1	5.88%
<b>Total</b>	<b>1,827</b>	<b>100%</b>	<b>17</b>	<b>100%</b>

## Notes:

- Valid responses: 3,145, or 87.5%, of the total number of UG graduates in 2021 and 132, or 93.6%, of the total number of AD graduates in 2021. (Remarks: total number of UG graduates = 3,593; AD graduates = 141)
- The figures include only 2021 full-time graduates of UGC-funded degrees and associate degrees.

## 註:

- 調查收回的有效問卷共3,145 (UG)及132 (AD)份，佔2021年畢業生總數的87.5% (UG)及93.6% (AD)。(註：學士畢業生總數：3,593；副學士畢業生總數：141)
- 數字只涵蓋2021年度政府資助的全日制學士及副學士畢業生。



## LEADING RESEARCH ACROSS THE DISCIPLINES

### 領導跨學科研究

Our theme “Venturing Beyond Boundaries” relates closely to the exciting research agenda that City University of Hong Kong’s (CityU) top-notch scholars have pursued in their interdisciplinary, internationally flavoured collaborative teams. They have rallied to the core idea of exploring beyond their comfort zone and discovering new knowledge to share with the rest of the world. Throughout the year, CityU has supported its researchers and worked to construct a holistic environment in which new knowledge can be created.

今年年報的主題「創科無限 引領未來」，與香港城市大學(城大)頂尖學者在跨學科、國際化協作團隊從事的卓越研究計劃密切相關。他們秉持核心理念，敢於突破，發現新知，並與全人類分享。過去一年，城大積極支持大學的研究人員，並努力營造有利於創造新知識的整體環境。





### Honouring excellence

2021/22 was an exceptionally bountiful year in terms of honours and awards with our faculty gaining widespread acclaim for their research.

In July 2021, two major pieces of news were received. First, Professor Dirk Pfeiffer, Chow Tak Fung Chair Professor of One Health and Director of the Centre for Applied One Health Research and Policy Advice, was selected for the prestigious Calvin W. Schwabe Award. Awarded by the Association for Veterinary Epidemiology and Preventive Medicine, this annual award honours Professor Pfeiffer's lifetime achievements in veterinary epidemiology and preventive medicine. Second, Dr Xu Wanghui, a PhD graduate from the Department of Mechanical Engineering received the 2021 Materials Research Society Graduate Student Award (Silver) for his pioneering research on the development of a novel droplet-based electricity generator.

The European Academy of Sciences and Arts is a highly prestigious body to which Professor Sun Dong, Chair Professor of the Department of Biomedical Engineering, was elected later in the summer as a Member of the Technical and Environmental Sciences class. This honour reflects Professor Sun's pioneering studies on the robotic manipulation of biological cells and robot control.

Another august research institution is the US National Academy of Inventors to which Professor Yan Hong, Wong Chun Hong Professor of Data Engineering and Chair Professor in the Department of Electrical Engineering, was elected Fellow in December 2021 in recognition of his highly innovative work in advancing technological and economic developments.

### 廣獲榮譽

在2021/22學年，城大教員因其研究得到廣泛認可，榮獲多項榮譽和獎項，成果豐碩。

2021年7月，城大收到兩則好消息。第一，周德豐講座教授(健康一體化)兼健康一體化及政策應用研究中心主任Dirk Pfeiffer教授獲頒享譽國際的施瓦伯獎。獸醫流行病學和預防醫學協會頒授這一年度殊榮予Pfeiffer教授，表彰其於獸醫流行病學和預防醫學範疇的終身成就。第二，機械工程學系博士畢業生徐王淮博士研究新型水滴發電機，憑此開拓性研究榮獲2021年美國材料研究學會傑出研究生銀獎。

生物醫學工程學系講座教授孫東教授，膺選為歐洲科學與人文學院院士，所屬學科組別為技術與環境科學。這項榮譽表彰孫教授在機械人自動化操作生物細胞領域的領先研究。

2021年12月，黃俊康教授(數據工程)兼電機工程學系講座教授嚴洪教授，膺選為美國國家發明家科學院院士，以表彰他促進科技及經濟發展的創新發明。

Later that month, Professor Kuo Tei-Wei, former Dean of the College of Engineering, was also elected as a Member of the European Academy of Sciences and Arts, this time in the Natural Sciences class.

In February 2022, two of our young scientists were shortlisted for *MIT Technology Review* Innovators Under 35 China. Dr Li Danfeng, Assistant Professor in the Department of Physics, and Dr Wang Cheng, Assistant Professor in the Department of Electrical Engineering, were the only two awardees in Hong Kong.

Energy and the environment continue to be priority areas, and so it was gladdening that Professor Wang Zuankai, Chair Professor in the Department of Mechanical Engineering and the Department of Materials Science and Engineering, was one of nine recipients in March 2022 to win the 2021 Green Tech Award organised by the Meituan Green Tech Fund.

The following month, Professor Xie Min, Chair Professor in the Department of Advanced Design and Systems Engineering and the School of Data Science, was also elected to the European Academy of Sciences and Arts in the Technical and Environmental Sciences class, as with Professor Sun Dong (above).

The field of circuits and systems within electrical engineering is very strong at CityU. Professor Michael Tse Chi-kong, Chair Professor of Electrical Engineering, was awarded the IEEE CASS Charles A. Desoer Technical Achievement Award 2022 in May 2022. Professor Tse is the first academic in China to win this award.

同在12月，前工學院院長郭大維教授膺選為歐洲科學與人文學院院士，所屬學科組別為自然科學。

2022年2月，物理學系助理教授李丹楓博士、電機工程學系助理教授王騁博士這兩位年輕科學家榮獲美國麻省理工學院《麻省理工科技評論》雜誌選為「中國區35歲以下發明家」，香港僅有這兩名學者獲選。

能源及環境是大學持續關注的重點領域。城大欣悉機械工程學系和材料科學及工程學系講座教授王鑽開教授在2022年3月榮獲美團青山科技基金頒發2021年度青山科技獎，成為該獎項今年九位得獎人之一。

2022年4月，先進設計及系統工程學系兼數據科學學院講座教授謝旻教授繼孫東教授之後(見上)，亦膺選為歐洲科學與人文學院院士，所屬學科組別同為技術與環境科學。

電機工程電路及系統是城大的擅長領域。2022年5月，電機工程學系講座教授謝智剛教授榮獲2022年IEEE CASS Charles A. Desoer科技成就獎，是中國首位學者獲此殊榮。



Professor Dirk Pfeiffer  
Dirk Pfeiffer教授



Professor Yan Hong  
嚴洪教授

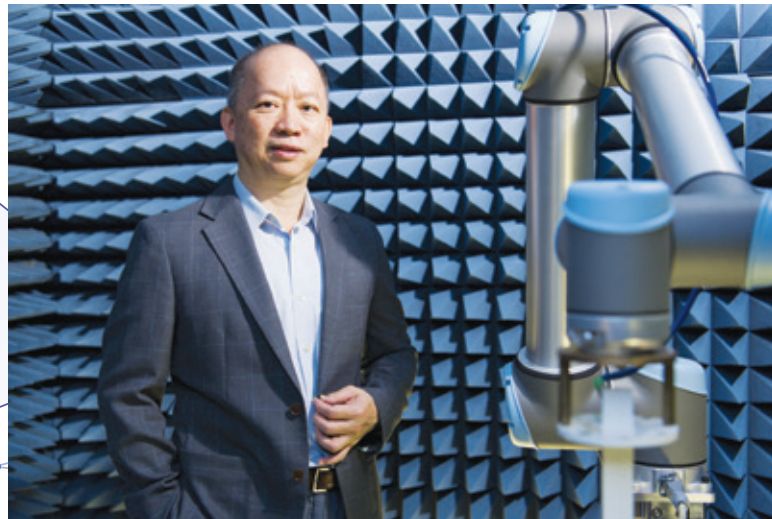


Professor Xie Min  
謝旻教授



Professor Michael Tse Chi-kong  
謝智剛教授





Professor Luk Kwai-man  
陸貴文教授

Applied electromagnetics and antenna technology are also among the top-rated disciplines at CityU. Professor Luk Kwai-man, Chair Professor in the Department of Electrical Engineering, was conferred the 14th Guanghua Engineering Science and Technology Award by the Chinese Academy of Engineering in May 2022.

電磁場學及天線技術亦是城大評價最高的學術領域之一。2022年5月，電機工程學系講座教授陸貴文教授榮獲中國工程院第十四屆光華工程科技獎。

Professor Joe Qin Sizhao, Dean and Chair Professor of the School of Data Science and Director of the Hong Kong Institute of Data Science, received the 2022 CAST Computing in Chemical Engineering Award in June 2022. He was the first scholar educated in mainland China to be conferred such a highly significant award, one that endorsed our commitment to data science.

數據科學學院院長兼數據科學講座教授、香港數據科學研究院院長秦泗釗教授榮獲2022年美國化學工程學會計算與系統技術部(CAST)計算與化學工程獎，成為40多年來首位於中國內地受教育而獲頒該獎項的學者。這項榮譽是對城大致力數據科學研究的認可。

In June 2022, Chair Professor Sun Dong was honoured once more for his remarkable achievements in the field of advanced micro biomedical robots when he was elected as a Fellow of the International Academy of Medical and Biological Engineering.

2022年6月，孫東講座教授再獲殊榮，膺選2022年國際醫學與生物工程院院士，以表彰他在機械人學及生物醫學工程的卓越成就。

The academic year ended on a high note when Dr Li Haoliang, Assistant Professor from the Department of Electrical Engineering, was named as one of the global Top 50 Chinese Young Scholars for his contributions to AI research.

本學年臨近結束時，又傳來喜訊。電機工程學系助理教授李皓亮博士膺選為全球頂尖50位華人青年學者之一，以表彰他為人工智能研究作出的貢獻。

## Funding success

The past academic year was especially fruitful in terms of successful funding applications, and CityU found itself well positioned, a true reflection of the quality of the outstanding research conducted at CityU.

## Green Tech

It was very pleasing to learn in January 2022 that four research projects led by CityU scholars had received grants worth HK\$20.26 million in total from the inaugural Green Tech Fund, highlighting CityU's quality in scientific research and our commitment to developing innovative technology for environmental protection. In terms of the number of projects and the total amount of grants received, CityU earned the top position among all local universities.

## Health and Medical Research Fund

CityU scholars received grants worth HK\$12.81 million in April 2022 from the Health and Medical Research Fund (2020/21 round) under the Food and Health Bureau, HKSAR Government, for projects that highlighted our commitment to pursuing research superiority and promoting interdisciplinary collaboration in One Health and life sciences.

## Innovation and Technology Fund

Reflecting our drive to innovate in science and technology, CityU faculty secured 24 projects with over HK\$60 million in funding in May 2022 from the Innovation and Technology Fund (ITF), which is administered by the Innovation and Technology Commission, Hong Kong SAR Government.



(From left) Professor Henry Chung Shu-hung, Professor Chan Chak-keung, Professor Alex Jen Kwan-yue and Professor Ng Yun-hau  
(左起) 鍾樹鴻教授、陳澤強教授、任廣禹教授和吳永豪教授

## 成功爭取撥款

過去這一學年，城大獲得多項撥款，反映大學從事的傑出研究質素之高，足證城大定位正確。

## 低碳綠色科研基金

2022年1月，城大學者領導的四項研究獲環境保護署首屆「低碳綠色科研基金」撥款共2,026萬港元，令人欣喜。按項目數量和總資助金額，這項撥款均屬全港大學之冠，凸顯城大的科研實力超卓，致力開發創新環保技術。

## 醫療衛生研究基金

2022年4月，城大學者獲香港特區政府食物及衛生局轄下醫療衛生研究基金(2020/21年度)撥款共1,281萬港元。獲資助的研究計劃展示城大在「健康一體化」及生命科學領域致力追求卓越、促進跨學科合作。

## 創新及科技基金

2022年5月，城大教員獲香港特區政府創新科技署轄下創新及科技基金資助逾6,000萬港元，開展24個研究計劃，反映我們在科技領域勇於創新。



## Research and Development 研究及發展

### Fields of accomplishment

An enriched interdisciplinary mix of expertise on campus allows CityU to commit to a broad variety of research fields, all of which have a direct impact on improving people's lives.

### Battling the pandemic

CityU scholars launched themselves into helping with the global effort to tackle the COVID-19 pandemic through research in several interdisciplinary fields.

In September 2021, Dr Steven Wang, Assistant Professor in the Department of Mechanical Engineering, introduced a new ventilation system that can quickly stop the spread of COVID-19 in the air at a low cost.

In October 2021, a research team led by Professor Frank Chen Youhua, Chair Professor of the Department of Management Sciences, suggested home-based healthcare services were urgently needed for senior citizens in Hong Kong who were more likely to experience physical and mental health problems.

In November 2021, a research team led by Dr Sean Yuan Hsiang-yu, Assistant Professor in the Department of Biomedical Sciences, announced it had developed the first mathematical model that takes variation in confirmation delay into account, making quantifying the impact of non-pharmaceutical interventions such as gathering bans more accurate.

### 研究成果橫跨多個領域

城大擁有實力雄厚的跨學科專家團隊，從事廣泛領域的研究，為改善民生帶來直接影響。

### 抗疫先鋒

城大學者在多個跨學科領域合作研究，協助全球抗擊新冠疫情。

2021年9月，機械工程學系助理教授Steven Wang 博士研發快速通風系統，能以低成本方式在極短時間內阻止新冠病毒在空氣中擴散。

2021年10月，管理科學系講座教授陳友華教授領導的研究團隊指出，本港長者在疫情期間較易出現身心問題，須盡快為他們提供上門家居護理服務。

2021年11月，生物醫學系助理教授阮相宇博士領導的研究團隊公佈，成功開發首個將延遲確診作為變量因素納入計算的數學模型，能更準確地量化「限聚令」等非藥物干預措施的影響。



Professor Christine Huang Yi-hui (left) and Dr Vincent Wang Xiaohui  
黃懿慧教授(左)和王小輝博士



Inappropriate disposal of masks could cause microplastic pollution.  
不當棄置外科口罩或會導致微塑料污染。

In terms of vaccinations, research by Professor Christine Huang Yi-hui, Chair Professor in the Department of Media and Communication (COM), and Dr Vincent Wang Xiaohui, Assistant Professor in COM, which was announced in December 2021, indicated that citizens' willingness to get the third jab and use the LeaveHomeSafe app varied significantly according to gender, age and education level.

在疫苗接種方面，媒體與傳播系講座教授黃懿慧教授及助理教授王小輝博士在2021年12月公佈一項調查結果，指出不同性別、年齡、教育程度的市民，對接種第三針新冠疫苗和使用「安心出行」的意願呈現顯著差異。

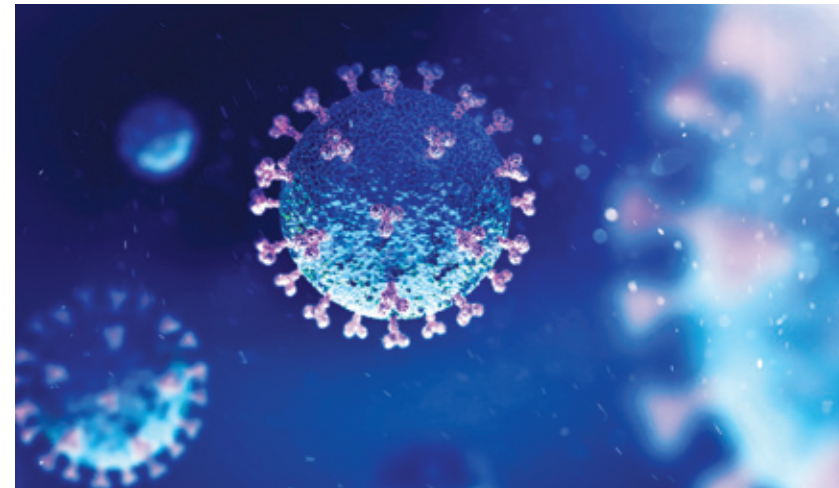
Also in December 2021, researchers from the School of Energy and Environment, the State Key Laboratory of Marine Pollution and the Department of Chemistry revealed that inappropriate disposal of masks could cause microplastic pollution equivalent to polluting more than 54,800 swimming pools of seawater annually. The research was published in *Environmental Science and Technology Letters*.

同在2021年12月，能源及環境學院及海洋污染國家重點實驗室的研究人員發現，若不當棄置外科口罩，或會導致微塑料污染，被污染的海水量每年可注滿超過54,800個奧運標準游泳池。研究成果發表於學術期刊《環境科學與技術通訊》。





Dr Sean Yuan Hsiang-yu  
阮相宇博士



Correlation is found between weather conditions and lower Covid-19 fatality rates.  
溫暖及潮濕環境與減低新冠病毒死亡率有密切關係。

Dr Sean Yuan Hsiang-yu and his team announced in February 2022 that its estimation of the number of COVID-19 infections (250,000) in Hong Kong at the start of 2022 had been largely accurate.

阮相宇博士及其團隊2022年2月公佈，此前對香港在2022年初會有約25萬人感染新冠病毒的預測大體準確。

Also in February 2022, using mathematical modelling once again, Dr Yuan revealed a correlation between the weather and humidity that patients are exposed to during different stages of COVID-19 infection and the probability of death.

同在2022年2月，阮博士以數學模型結合統計分析推算出，新冠病毒病患者在不同感染階段接觸的氣溫及相對濕度與其死亡率有關聯。

Large-scale COVID-19 testing for small mammals was the focus of an exciting new partnership between CityU and the major global diagnostics and genetic testing company Prenetics starting in February 2022.

從2022年2月開始，城大與全球主要的基因及診斷檢測公司Prenetics合作，為小型哺乳類動物推出大規模新冠病毒檢測。

Using complex statistical formulations, Dr Zhang Qingpeng, Associate Professor in CityU's School of Data Science, explained in February 2022 that infection and mortality rates could be significantly reduced if high-income countries donated 46% of their COVID-19 vaccine stocks to low- and middle-income countries. The research findings were published in *Nature Human Behaviour*.

數據科學學院副教授張清鵬博士在2022年2月表示，研究團隊運用複雜的統計公式推算出，將高收入國家捐贈予中及低收入國家的新冠疫苗比例提高至46%，可大大降低中及低收入國家的新冠病毒病確診率和死亡率。有關研究成果於學術期刊《自然·人類行為》上發表。

In March 2022, a team led by Dr Yu Xinge, Associate Professor in the Department of Biomedical Engineering, explained how their innovative human-machine interface could teleoperate robots to imitate the user's actions and perform complicated tasks, with potential for conducting COVID-19 swab tests and nursing patients with infectious diseases. The research was published in *Science Advances*.

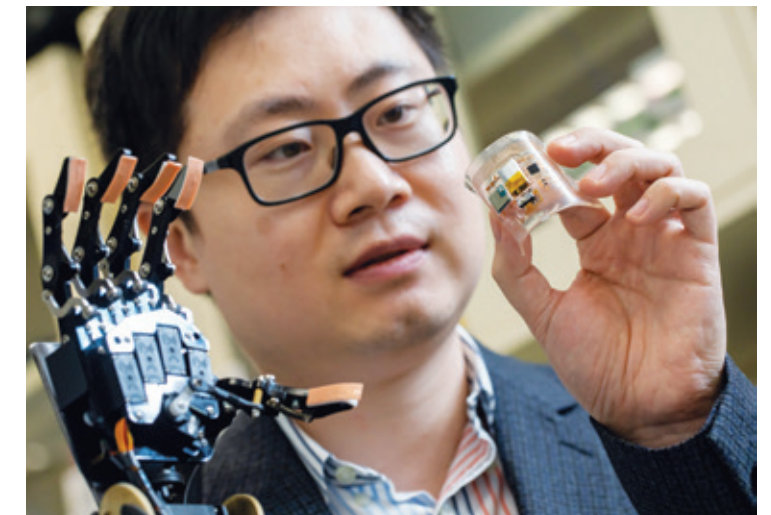
2022年3月，生物醫學工程學系副教授于欣格博士及其團隊研發出一套嶄新人機介面操作系統，能遙控機械人模仿人體動作來完成複雜任務，日後有望執行新冠病毒測試採樣及遙距照顧傳染病患者。研究成果刊登於學術期刊《科學進展》。

In June 2022, a home-based intervention programme for managing chronic diseases that can reduce older people's sense of loneliness, which worsened significantly during the fifth wave of the COVID-19 pandemic, was introduced by Dr Dannii Yeung Yuen-lan, Associate Professor in the Department of Social and Behavioural Sciences, and Ms Hera Leung Hiu-wah, Project Manager in the Department of Management Sciences.

2022年6月，社會及行為科學系副教授楊婉蘭博士、管理科學系項目經理梁曉華女士帶領的團隊推廣一個上門慢性病管理計劃，有助減少長者的孤獨感。在第五波新冠疫情期間，長者感到孤獨的情況顯著惡化。



More vaccines re-allocated to low- and middle-income countries could reduce infection and mortality rates.  
更多新冠疫苗贈予中及低收入國家可降低確診率及死亡率。



The innovative human-machine interface invented by Dr Yu Xinge and his team.  
于欣格博士及其團隊研發出一套嶄新人機介面操作系統。



### Healthy advances

Tackling the COVID-19 pandemic is just one area of health-related research that CityU pursues. Well-being at work and cell therapy are at the forefront of medical research today.

Dr Yang Zhengbao, Assistant Professor in the Department of Materials Science and Engineering and the Department of Mechanical Engineering, found out in September 2021 how joint disorders due to prolonged sitting at work can be prevented using a kirigami-structured sensor that can monitor joint movements when attached to the body. The research was published in *Science Advances*.

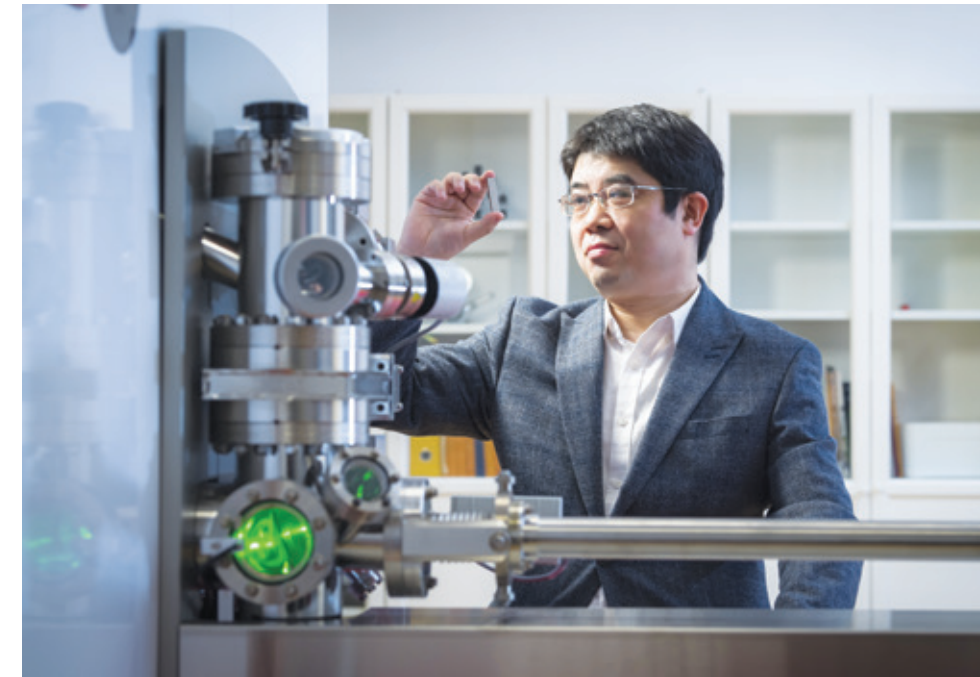
A team led by Dr Xu Chenjie, Associate Professor in the Department of Biomedical Engineering, introduced in September 2021 a new generation of microneedle patches made of ice that melt after the pain-free delivery of drugs, paving the way for developing an easy-to-use cell therapy and other therapeutics against cancers and other diseases. The research was published in *Nature Biomedical Engineering*.

### 健康研究進展

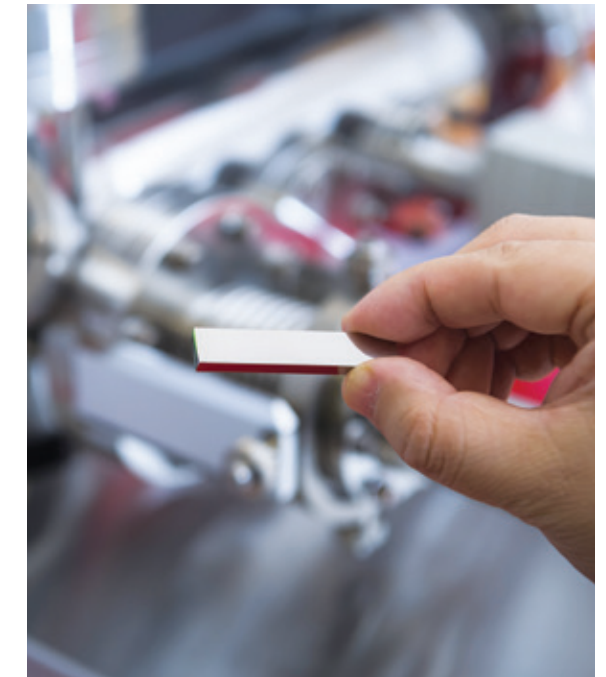
應對新冠疫情僅是城大從事與健康相關的研究領域之一，員工的福祉及細胞療法亦位於當今醫學研究前沿。

2021年9月，材料科學及工程學系與機械工程學系助理教授楊征保博士研發出一種剪紙結構的傳感器，與人體連接後能全面監測關節活動。研究成果在國際學術期刊《科學進展》上發表。

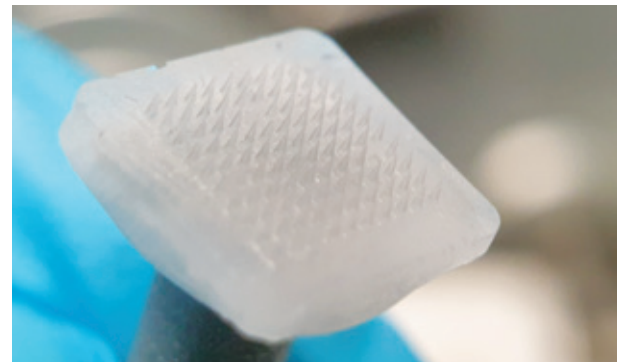
2021年9月，生物醫學工程學系副教授徐臣杰博士領導的團隊，研發出新一代冰製微針貼片。冰凍微針在病人皮膚內融解後傳送藥物，過程不會引致痛楚。這項新技術有望為日後研發易於使用、針對癌症等其他疾病的細胞療法和創新療法開闢新方向。研究成果於《自然·生物醫學工程》期刊發表。



Professor Yang Yong  
楊勇教授



The stiffness of this super-elastic alloy remains invariant to high temperature.  
這種超彈性合金遇到高溫仍能維持其剛度。



A new generation of icy microneedles patches  
新一代冰製微針貼片



The kirigami-structure sensor that can monitor joint movements when attached to the body.  
與人體連接後的剪紙結構傳感器能全面監測關節活動。

### New allies in new alloys

Super-strong, highly ductile and ultra-light alloys are now possible thanks to the innovative use of additive manufacturing, or 3D printing, according to a materials research team led by Professor Liu Chain-tsuan, University Distinguished Professor in the College of Engineering. The project was published in *Science*.

In February 2022, a team led by Professor Yang Yong from the Department of Mechanical Engineering announced the discovery of a first-of-its-kind super-elastic alloy that can retain its stiffness even after being heated to 1,000K (about 727 °C) or above. The findings were published in *Nature*.

### Steering liquids

A study led by Professor Wang Zuankai, Chair Professor in the Department of Mechanical Engineering, showed that the spreading direction of different liquids deposited on the same surface can be steered, a challenge that had remained unsolved for over two centuries. The research was published in *Science*.

### 新型合金

工學院大學傑出教授劉錦川教授領導的研究團隊以創新方式應用積層製造技術（亦稱3D打印技術），研製出超高強度、高韌度的極輕合金。論文已於頂尖學術期刊《科學》上發表。

2022年2月，機械工程學系楊勇教授領導的研究團隊宣佈，首次發現了一種超彈性合金，被加熱至1,000K（約727°C）甚至更高溫之後仍能維持其剛度。研究成果已於學術期刊《自然》上發表。

### 調控液體流向

機械工程學系講座教授王鑽開教授領導的研究團隊發現，不同液體在同一材料表面的流向是可調控的，解開兩個世紀以來一直懸而未決的謎題。研究成果於《科學》上發表。



## Research and Development 研究及發展

### Cooling breakthrough

Professor Wang Zuankai co-led another pioneering study, this time published in *Nature*, that presented a structured thermal armour that achieves efficient liquid cooling even over 1,000°C, fundamentally solving the Leidenfrost effect, which was first noted in 1756.

### Solar cell success

Enhancing solar cell performance is vital for the development of sustainable energy. In April 2022, Dr Zhu Zonglong, Assistant Professor from the Department of Chemistry, announced that CityU was helping to accelerate the commercialisation of perovskite photovoltaic technology that boosts the efficiency of inverted perovskite solar cells to a record-high of 25%. The findings were published in *Science*.

### Meta-lens for mega industry

Professor Tsai Din-ping, Chair Professor of the Department of Electrical Engineering (EE), and Dr Chen Mu-ku, Research Assistant Professor in EE, presented their novel vacuum ultra-violet meta-lens that is more compact, lightweight, and effective than conventional technologies and can be mass produced. The research was published in *Science Advances*.

### 冷卻技術突破

王鑽開教授共同領導的團隊進行另一創新研究，研發出一種結構熱裝甲，能有效將液體冷卻的應用溫度提升至1,000°C以上，徹底解決1756年發現的萊頓弗羅斯特效應帶來的難題。這項研究成果發表在《自然》上。

### 促進太陽能電池商業化

提升太陽能電池的性能是發展可持續能源的一大關鍵。2022年4月，化學系助理教授朱宗龍博士公佈，城大找出新方法，將反式鈣鈦礦太陽能電池的效率大幅提升至25%，有助促進鈣鈦礦太陽能電池商業化。研究成果已在《科學》上發表。

### 超構透鏡

電機工程學系講座教授蔡定平教授及研究助理教授陳沐谷博士研發出一種新型真空紫外光超構透鏡，比傳統技術的成品更輕巧、更高效能，且可大量生產。研究成果已在《科學進展》刊載。

### Recognising top scholars

The winner of the 2021 Outstanding Research Award was Professor Alex Jen Kwan-yue, Lee Shau Kee Chair Professor of Materials Science, while Outstanding Research Awards for Junior Faculty were awarded to Dr Kim Ki Joon, Associate Professor in the Department of Media and Communication, Dr Lei Dangyuan, Associate Professor in the Department of Materials Science and Engineering, Dr Yan Jian, Assistant Professor in the Department of Biomedical Sciences, and Dr Zhang Qingpeng, Associate Professor in the School of Data Science.

### New research centres

The new Tung Biomedical Sciences Centre is dedicated to the development of novel diagnostic and therapeutic strategies for the prediction, prevention and treatment of cancers, neurodegeneration and infectious diseases. The Centre was named in honour of The Tung Foundation in appreciation of its Foundation's generous support at a ceremony in August 2021.

In December 2021, the Hong Kong Centre for Cerebro-Cardiovascular Health Engineering under Health@InnoHK, Centre for Intelligent Multidimensional Data Analysis, and the Laboratory for AI-Powered Financial Technologies under AIR@InnoHK were established under InnoHK, an initiative of the HKSAR Government.

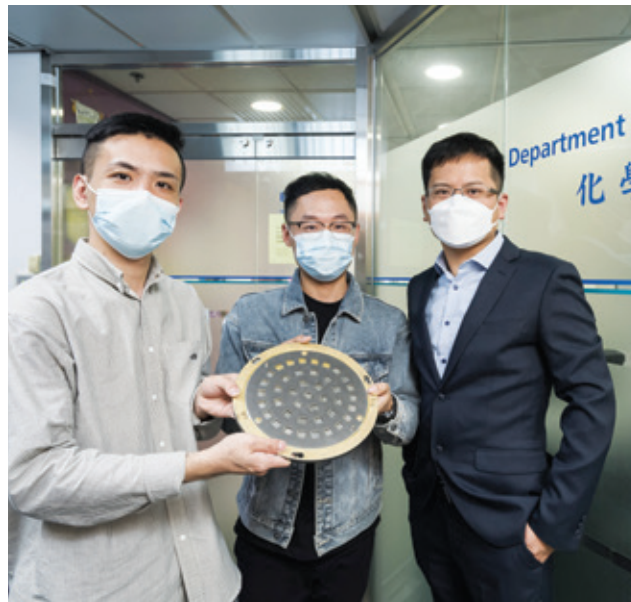
### 表彰傑出學者

2021年「傑出研究獎」得主是李兆基講座教授（材料科學）任廣禹教授。「傑出研究獎 — 青年學者」得主是媒體與傳播系副教授Kim Ki Joon博士、材料科學及工程學系副教授雷黨願博士、生物醫學系助理教授嚴健博士、數據科學學院副教授張清鵬博士。

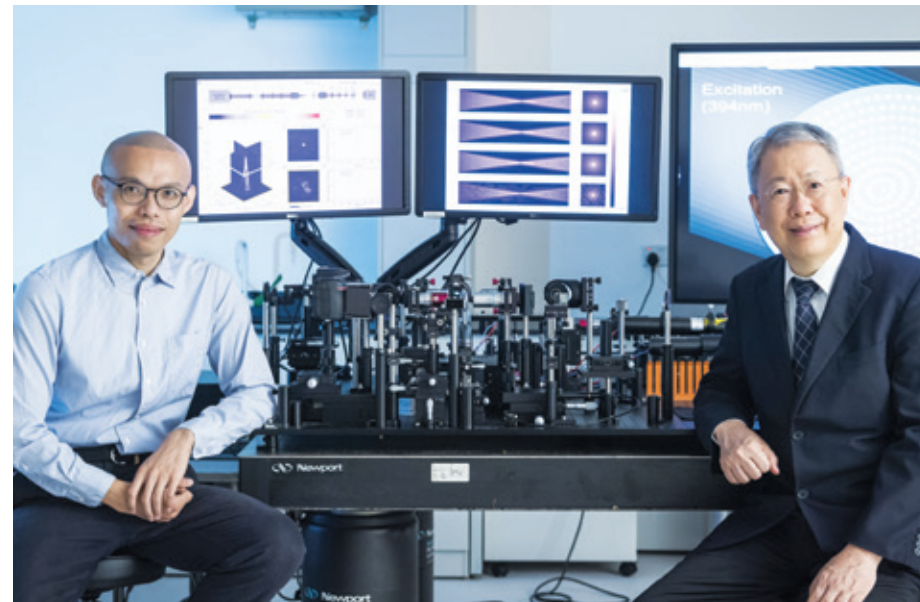
### 新研究中心

2021年8月，城大舉行「董氏生物醫學中心」命名典禮。中心將致力研發創新診斷方式及療法，用來預測、預防及治療癌症、神經退化及傳染病。該中心以董氏慈善基金會命名，以感謝其慷慨支持。

2021年12月，城大在InnoHK下創立三所世界級研究中心，分別是Health@InnoHK創新平台轄下的香港心腦血管健康工程研究中心、AIR@InnoHK創新平台轄下的智能多維數據分析研究中心、人工智能金融科技實驗室。InnoHK是香港特區政府一項重要舉措。



Dr Zhu Zonglong (right) and his research team  
朱宗龍博士(右)及其研究團隊



Professor Tsai Din-ping (right) and Dr Chen Mu-ku  
蔡定平教授(右)和陳沐谷博士



Tung Biomedical Sciences Centre was named in honour of The Tung Foundation's generous support.  
「董氏生物醫學中心」以董氏慈善基金會命名，以感謝其慷慨支持。



## Academic Publications by CityU Staff in 2021/22

### 2021/22年城大教職員的學術著作

Total number of books (including research books or monographs, textbooks, literary works and translations) authored by CityU staff 城大教職員的學術著作 (包括研究書籍、課本、文學及翻譯作品)	47
Total number of research papers authored by CityU staff in peer-reviewed academic journals, externally refereed policy or professional journals worldwide: 刊登在世界各地學術及專業期刊的城大教職員研究論文	5,166
Arts and Humanities 藝術及人文	288
Business and Economics 商業及經濟	260
Science (including Medicine) 科學 (包括醫學)	4,217
Social Sciences (including Law) 社會科學 (包括法律)	401

Figures as at end of June 2022.

數字以2022年6月底為準。

## Ongoing Funded and Contract Research 2021/22

### 2021/22年度進行中的資助及合約研究

	Total Funding (million) 資助總額 (百萬元)
Innovation and Technology Fund (ITF) <sup>1</sup> 創新及科技基金	399.781
Contract and privately/government-funded projects 業界贊助合約研究項目及政府資助研究項目	402.21

Note:

1 Included are industry sponsorships for ITF projects and annual funding support from the Innovation and Technology Commission at \$10m each to the State Key Laboratory of Marine Pollution, State Key Laboratory of Terahertz and Millimeter Waves, and Hong Kong Branch of National Precious Metals Material Engineering Research Center.

註：

1 包括業界對創新及科技基金研發項目的贊助，以及創新科技署每年分別向海洋污染國家重點實驗室、太赫茲及毫米波國家重點實驗室、國家貴金屬材料工程技術研究中心香港分中心提供的1,000萬港元資助。

## Research Projects 2021/22

### 2021/22年度研究項目

Total number of ongoing research projects funded by external funds and CityU research grants 由校外及校內撥款資助的研究項目總數	3,396
<b>Number of ongoing research projects by Colleges/Schools/support centres</b> 各學院／學術支援部門的研究項目數目	
College of Business 商學院	377
College of Engineering 工學院	1,305
College of Liberal Arts and Social Sciences 人文社會科學院	460
College of Science 理學院	471
Jockey Club College of Veterinary Medicine and Life Sciences 賽馬會動物醫學及生命科學院	371
School of Creative Media 創意媒體學院	74
School of Data Science 數據科學學院	80
School of Energy and Environment 能源及環境學院	187
School of Law 法律學院	64
Other Academic Supporting and Administrative Units 其他學術支援及行政部門	7

Note:

Including CityU-funded, RGC-funded and externally funded research projects, with 863 new start-ups in 2021/22. Figures as at end of June 2022.

註：

包括由城大、研究資助局及校外資助的研究項目，其中863項是2021/22年度內新發展的項目。數字以2022年6月底為準。



# OUTREACH AND COMMUNITY RELATIONS 拓展與聯繫

## WORKING FOR SOCIETY, REACHING ALL

### 教研服務社會 成果惠及大眾

Support from the community is the lifeblood of City University of Hong Kong (CityU). We pride ourselves on the strength of the bonds that we have cultivated and we work hard every year to refresh those bonds and forge new linkages.

社會各界的支持是香港城市大學(城大)重要的動力來源。大學樂於與社會建立緊密連繫，時刻努力鞏固這些關係，並拓展新聯繫。



## Outreach and Community Relations 拓展與聯繫

### Beyond Boundaries

One of the ways we set about strengthening ties with our global partners was via an interview series launched in March 2022. Hosted by President Way Kuo, the series brought together heads of renowned universities to discuss each other's strengths and explore the characteristics of contemporary higher education around the world. Titled "Beyond Boundaries: Dialogue with Presidents of World's Leading Educational Institutions", the first series kicks off with interviews with the heads of top universities in South Africa, India, Germany, Japan and mainland China. As higher education and secondary education are closely related, the head of a local secondary school is also featured. In the second series, President Kuo explored contemporary education issues and the future direction of education development from a global perspective with presidents of celebrated universities in Austria, Canada, France, Israel, Singapore, and the head of a secondary school in Taiwan.

### Chatting with President

Alumni constitute some of the most valuable assets for a university, and CityU is blessed with an incredibly supportive band of former students. Their generosity seems to know no boundaries. About 300 alumni attended the "Hi President — A Dialogue with the President" in June 2022 where they learned about the latest developments from President Kuo of CityU and other CityU representatives. The alumni came from Hong Kong, Shenzhen, Shanghai, Beijing and Chengdu, and included executive committee members from the CityU Eminence Society; representatives of alumni chapters in Beijing, Shanghai and Chengdu; and Dr Andrew Fan Ka-fai, CityU's Honorary Fellow and Distinguished Alumnus.

### 引領未來

城大與環球夥伴保持緊密聯繫的方法之一，是在2022年3月推出名為《大問於市：與全球頂尖校長對話》系列。訪問由城大校長郭位教授主持，邀請世界各地知名大學校長對談，通過對話了解彼此所長，探討當今世界各地的教育特點。首輯節目訪問了南非、印度、德國、日本及中國內地頂尖大學的校長；由於大學與中學關係密切，其中亦訪問了香港一位中學校長。在第二輯系列中，郭位校長訪問了奧地利、加拿大、法國、以色列及新加坡著名學府的校長以及台灣一位中學校長，從全球角度探討當今的教育問題以及未來的教育發展方向。

### 校友與校長暢談

校友是一所大學最珍貴的資產，城大有幸得到一眾熱心慷慨且無分疆界的畢業生的鼎力支持。約300位校友參與2022年6月舉行的「Hi校長 — 校長雲見面」活動，通過與郭位校長及其他大學代表交流，了解城大的最新發展。出席活動的校友來自香港、深圳、北京、上海、成都等地，當中包括資深校友組織城賢匯理事；北京、上海、成都校友聯誼會代表，以及榮譽院士暨傑出校友范家輝博士。

### More MoUs

We have always worked closely with the business and industry sectors, building partnerships that benefit teaching and research, and the people of Hong Kong. The MoU signed between CityU and Hong Kong Science and Technology Parks Corporation in November 2021 holds particular promise. It signals the launch of several collaborative programmes in Hong Kong and the Greater Bay Area for promoting innovation and entrepreneurship in the region.

Smart City solutions and IT talent are set to benefit from two MoUs signed in May 2022 between CityU and PCCW Solutions. The collaboration will leverage the strong research capabilities of CityU and the proven digital expertise of PCCW Solutions to create highly beneficial industry applications. Our Hong Kong Institute for Data Science and PCCW Solutions will jointly develop innovative solutions using data analytics and artificial intelligence technologies under the first MoU. The second MoU, signed between the School of Data Science and PCCW Solutions, will nurture IT talent.

### 更多合作備忘錄

大學一直與工商業界緊密合作，建立有利於教研及香港市民的夥伴關係。城大於2021年11月與香港科技園公司簽署合作備忘錄。這次結盟特別令人期待，因為兩家機構將於香港及大灣區開展合作項目，共同推動區內的創新創業發展。

此外，城大亦與電訊盈科企業方案於2022年5月簽署兩份合作備忘錄，將為智慧城市應用方案及培育資訊科技人才作出貢獻。憑藉城大的頂尖科研能力，以及電訊盈科企業方案在數碼專業領域的豐富經驗，這次合作的成果將對行業應用有莫大裨益。根據第一份合作備忘錄，城大的香港數據科學研究院與電訊盈科企業方案將運用數據分析及人工智能技術共同開發創新應用方案。第二份合作備忘錄由城大數據科學學院與電訊盈科企業方案簽署，旨在培育資訊科技人才。



CityU and HKSTP signed the MoU for launching several collaborative programmes.

城大與科技園公司簽署合作備忘錄，攜手開展多個項目。



CityU signed two MOUs with PCCW Solutions. 城大與電訊盈科企業方案簽署兩份合作備忘錄。



## Outreach and Community Relations 拓展與聯繫

### Mastering the MasterClass

Sharing ideas is a highly effective means of generating a better understanding of global challenges. The inaugural online MasterClass titled “Advancing Research and Innovation” in December 2021 aimed to spotlight CityU’s experience over the past decade in areas such as formulating a large-scale vision for strategic development, encouraging faculty to unite behind common themes and going beyond a simple SWOT (Strengths, Weaknesses, Opportunities, and Threats) analysis for developing plans and instead being prepared for the long haul. Under the theme Enriching Innopreneurship and Global Partnership, the second Masterclass in February 2022 focused on recent perspectives on innovation and research aimed at benefiting the world, stressing how CityU was committed to stimulating new thinking on knowledge transfer and entrepreneurship, noting that there had been a paradigm shift in the development of business and commerce.

### MasterClass網上論壇

通過互相交流意見，可更有效地了解全球面對的挑戰。大學於2021年12月首度舉辦MasterClass網上論壇，題為「促進研究與創新」，主要介紹城大過去十年的經驗，包括為策略性發展制訂深遠願景、以共同的理念鼓勵教研人員團結合作，以及擬訂策略時為長遠發展作好準備，而非簡單套用「強弱危機分析」。第二場MasterClass網上論壇於2022年2月舉行，集中探討在創新及研究方面可造福世界的最新觀點，強調城大致力激發知識轉移和創業新思維，並提出在商貿發展中出現的範式轉變。

### Reaching out to secondary students

Exciting new initiatives that nurture student talent and create applicable knowledge for social and economic advancement were pursued in 2021/22. One example was the luncheon seminar hosted by CityU in November 2021 for secondary school representatives who were introduced to two of CityU’s flagship programmes: HK Tech 300, the largest university-based entrepreneurship programme in Asia; and CityU Tiger Programme, a tailored suite of programme options for high-performing students.

### Putting the fun into fundraising

Raising money for good causes at CityU is a fun activity. CityU supporters and guests dressed in magnificent Tang Dynasty and traditional Chinese attire for the fundraiser “One Night in Tang Paradise” in November 2021. The gala succeeded in raising HK\$4 million for the long-term development of the Indra and Harry Banga Gallery and for boosting research, driving CityU’s continued efforts to engage the community and promote learning through exhibitions.

### 聯繫中學生

大學於2021/22年度推出新舉措，以培育學生才能及創造實用知識，促進社會和經濟發展。例如於2021年11月舉行午餐簡介會，向中學代表介紹大學推行的兩個旗艦計劃，分別是亞洲最大型的創業計劃HK Tech 300，以及專為優秀學生設計並包含一系列選項的「城大老虎班」。

### 籌款活動成樂事

為善事籌款，在城大是歡樂有趣之事。大學於2021年11月舉行「尋唐夜」籌款晚宴，嘉賓好友身著華麗唐朝或中式服飾出席。晚宴共籌得港幣400萬元，用作支持般哥展覽館的長遠發展及研究，推動城大繼續以展覽連繫社區、促進學習。



Luncheon seminar hosted by CityU for secondary school representatives to introduce the University’s flagship programmes.

城大舉行午餐簡介會，向中學代表介紹大學推行的旗艦計劃。



CityU held the fund-raising gala dinner, One night in Tang Paradise, in November 2021.

城大於2021年11月舉行「尋唐夜」籌款晚宴。



## Outreach and Community Relations 拓展與聯繫

### Forums for all

CityU has a particular interest in urban issues, with a particular focus on health-related matters. An international exhibition and forum titled “Hong Kong Horizontal Metropolis: A Paradigm Shift” gathered experts and scholars in architecture and civil engineering from all over the world in September 2021 to discuss urbanism and urbanisation. One of the main messages was how One Health emphasises the interconnected relationship between human and animal health and their coexisting environment in the process of urban planning.

Also in September 2021, professionals from various areas discussed biotechnology and the contribution of veterinary medicine and engineering to the One Health approach at a cross-border online event called One Health @ CityU x France. Speakers came from CityU, Campus France Hong Kong, and the Consulate General of France in Hong Kong and Macau, along with three leading French higher-education institutions, namely ISC Paris; Nantes-Atlantic National College of Veterinary Medicine, Food Science and Engineering; Centrale Nantes; and the biotech company, InvivoGen. One of the main themes of the event was the increasing recognition in the world of the complex and close interconnections between humans, animals and the environment. To best protect ourselves from disease outbreaks, it is imperative for experts and scholars to coordinate future initiatives using the One Health approach.

### 與大眾息息相關的論壇

城大關注都市問題，特別是與健康相關的事項。大學於2021年9月舉辦題為「Hong Kong Horizontal Metropolis: A Paradigm Shift」的國際專題展覽暨論壇，匯聚來自世界各地的建築學及土木工程學頂尖專家學者，探討城市規劃及城市化。論壇傳遞的重要訊息之一是，「健康一體化」着重人類、動物健康與其共存環境之間密不可分的關係。在城市規劃過程中，必須考慮三者的共存關係。

同於2021年9月舉行的「One Health @ CityU x France」跨國網上論壇，匯集來自不同領域的專業人士，探討生物科技，以及獸醫學和工程學對「健康一體化」的貢獻。論壇講者來自城大、Campus France香港、法國駐港澳總領事館、法國三所領先高等學府——巴黎高等商業學院；法國南特大西洋國立獸醫、食品科學與工程學院；南特中央理工學院，以及生物科技公司InvivoGen。論壇主題之一是，世界各地愈來愈關注人類、動物及環境之間複雜而密切的關係，為了更有效保護人類免受疾病爆發影響，專家和學者須以「健康一體化」方針來協調未來的相應倡議。

### Talks and interviews

President Kuo was highly active in promoting CityU and our work throughout the year. An exclusive interview with Radio Television Hong Kong in July 2021 featured the President talking about his vision and mission for nurturing future leaders for society as well as our flagship innovation and entrepreneurship programme, HK Tech 300. That same month, at the invitation of Master-Insight Media, President Kuo launched his publication *Soulware: The American Way in China's Higher Education* at the Hong Kong Book Fair. Speaking at the launch, he said that the key features of “soulware” presented in his book were: the internationalisation of higher education, the integration of teaching and research, quality and evaluation, and creativity and innovation.

### 專訪與演講

郭位校長年內積極推廣城大，宣揚大學所做的工作。他在2021年7月接受香港電台專訪，闡述對培育未來領袖的願景和使命，並談及大學推出的大型創新創業計劃HK Tech 300。同一月份，他應灼見名家傳媒邀請出席香港書展，介紹他的新書《Soulware: The American Way in China's Higher Education》。他在發佈會上發表演講，解釋書中提出的「心件」主要元素：高教國際化、教研合一、品質與評鑑，以及創意創新。

### Summary of Consultancy Projects 2021/22 2021/22年度顧問諮詢服務

Project Nature	項目性質	Number 數目
Consultancy	顧問研究	66
Directorships	董事	85
Professional Practice	專業服務	9
Others	其他服務	9
<b>Total</b>	<b>總數</b>	<b>169</b>

Note:

Figures as at end of June 2022.

註：

數字以2022年6月底為準。



## REWARD FOR SUSTAINED EXCELLENCE

### 持續追求卓越 屢獲殊榮

The hugely talented pool of students and researchers at City University of Hong Kong (CityU) have exhibited a broad range of cutting-edge skills by winning countless international awards in the past 12 months in their relentless drive to reach the highest levels of professionalism and expertise.

香港城市大學(城大)學生和研究人員才華洋溢，一直努力不懈追求最高的專業水平，在過去一年內贏得多個國際獎項，充分展示他們的先進科學知識與才能。





## Prizes and Awards 獎項與榮譽

CityU won the Safety Performance Award (outstanding) in the 20th Hong Kong Occupational Safety & Health Award organised by the Occupational Safety and Health Council. This is the second year in a row that CityU has won this award.

### Students and Alumni 學生及校友

Professor Che Wenquan (車文荃教授), a 2004 PhD graduate from the Department of Electrical Engineering (EE), and Professor Zhang Xiuyin (章秀銀教授), a 2009 PhD graduate from EE, were elected as a Fellow of IEEE.

Cheng Yuk-shing (鄭旭晟), Tang Chun-ki (鄧駿棋) and Wong Tat-chee (王達之) of the Department of Electrical Engineering teamed up to win three awards at three different innovation competitions: Second Prize at the 7th Hong Kong University Student Innovation and Entrepreneurship Competition, organised by the Hong Kong New Generation Cultural Association; Second Runner-up at HKETA Innovate for the Future, organised by the Hong Kong Electronics & Technologies Association (HKETA); and Certificate of Merit in the HKIE Innovation Award 2021, organised by the Hong Kong Institution of Engineers (HKIE).

Dr Dai Xin (代鑫博士), a 2021 PhD graduate from the Department of Electrical Engineering, won prizes at two conferences: the Best Student Paper Award at the 2021 IEEE International Workshop on Electromagnetics: Applications and Student Innovation Competition; and the Best Paper Prize at the 2021 Cross Strait Radio Science and Wireless Technology Conference.

PhD students Fan Xinqi (范歆琦) and Ali Raza Shahid, under the supervision of Professor Yan Hong (嚴洪教授), Wong Chun Hong Professor of Data Engineering and Chair Professor of Computer Engineering in the Department of Electrical Engineering, were ranked 2nd in the Facial Micro-Expression Challenge at the ACM Multimedia 2021.



Ms Phoebe Hui Fong-wah (photo courtesy of Ms Phoebe Hui and Audemars Piguet)

許方華女士 (照片由許方華女士及愛彼提供)

Ms Phoebe Hui Fong-wah (許方華女士), a graduate of the School of Creative Media, was named Artist of the Year (Media Arts) at the 16th Hong Kong Arts Development Awards organised by the Hong Kong Arts Development Council.

Dr Jiang Yiqi (蔣熠琦博士), a PhD graduate from the Department of Computer Science (CS), and Wang Shuai (王帥), a PhD student in CS, together with their supervisor Dr Li Shuaicheng (李帥成博士), received the Best Paper Award at the 9th International Conference on Intelligent Biology and Medicine.

Shirley Lai Ho-ching (賴可晴), Austin Lo Wing-hei (盧穎熙) and Tommy Tang Man-chung (鄧敏聰) of the College of Business won an HSBC Greater Bay Area (Hong Kong) Scholarship for 2020/21.

Ms Grace Lau Mo-sheung (劉慕裳女士), an alumna of the School of Creative Media, won the Bronze medal for Hong Kong in the Karate Women's Kata in the Tokyo 2020 Summer Olympics.

Ms Angel Leung Ching-yee (梁晴儀女士), an alumna of the Department of Electrical Engineering won the Gold Award in the ASM Technology Award 2021.

Leung Ho-kei (梁豪基) of the Department of Electrical Engineering joined an international team to win the Silver Award in the Hong Kong Cyber Security New Generation Capture the Flag Challenge 2021 (Open Category) organised by the Hong Kong Computer Emergency Response Team Coordination Centre and the Hong Kong Productivity Council.



CityU undergraduates were awarded for their insightful opinions on corporate governance.

城大本科生以獨特而深入的企業管治見解贏得獎項。

Four undergraduates teamed up to win the Best Paper Award in the Corporate Governance Paper Competition and Presentation Awards 2021, organised by the Hong Kong Chartered Governance Institute. They were Hellen Liu Dingyi (劉丁奕) and Isaac Lee Ruifeng (李睿峯) of the Department of Accountancy; and Magnolia Wang Jingbo (王景博) and Shevin Fan Wenxuan (范文萱) of the School of Law.



Three CityU students demonstrated their talents at the 2021 UAiTED Innovation Competition.

三名城大學生於UAiTED 創作比賽中盡顯才華。

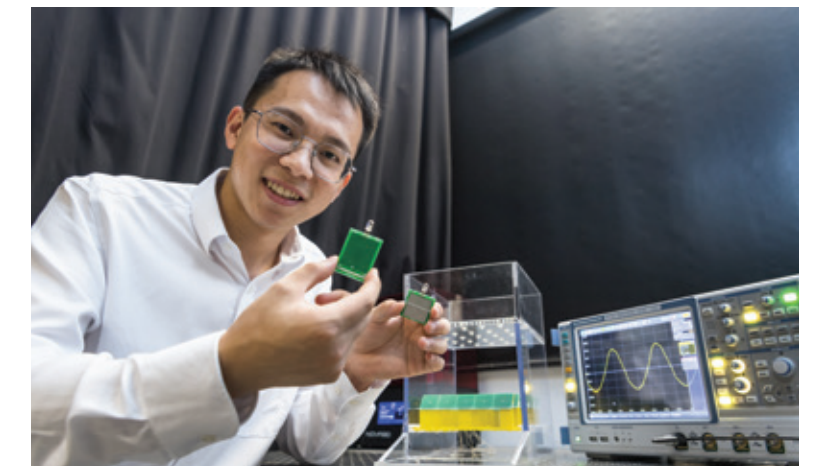
Three CityU students were among the final winning teams at the 2021 UAiTED (University Alliance in Talent Education Development) Innovation Competition. Manson Mok Man-tsun (莫民浚) from the Department of Accountancy (AC) and his team won the Gold Award, while another group, including Ken Kwok Kai-tat (郭佳達) from AC and Natalie Tam Yee-lei (譚綺梨) from the Department of Public Policy, won the Bronze Award.

Adam Tung Siu-leung (董兆良) and Joey Wong Cho-yi (黃祖兒) from the College of Business won the Gold/Best Prototype at the Hong Kong Blockchain Olympiad 2021.

PhD students Wei Yang (蔚洋), Wang Hao (王皓) and Liu Yucheng (劉宇成), and Lee Yo-che (李宥哲) (Information Engineering undergraduate), all from the Department of Electrical Engineering, won the Work of Excellence Award in Hong Kong SAR and Macao SAR at the Council of the Academies of Engineering and Technological Sciences (CAETS) Communication Prize – High Potential Innovation Prize in China 2021.

Mr Morgan Wong Wing-fat (黃榮法先生), a graduate of the School of Creative Media, received the Award for Young Artist (Media Arts) at the 15th Hong Kong Arts Development Awards.

Dr Xu Wanghui (徐王淮博士), a PhD graduate in the Department of Mechanical Engineering, received the 2021 Materials Research Society Graduate Student Award (Silver).



Dr Xu Wanghui  
徐王淮博士

Alumnus Mr Stephen Yau How-boa (邱浩波先生) was awarded the Gold Bauhinia Star by the HKSAR Government, while alumnus Mr Chan Wai-ming (陳偉明先生) was awarded the Bronze Bauhinia Star.



## Prizes and Awards 獎項與榮譽

### Staff 教職員

Professor Julien Chaisse of the School of Law was awarded the Vitivinicultural Law OIV Award (2021) by the International Jury of the International Organisation of Vine and Wine (OIV).

Dr Katie Chan Kei-hang (陳紀行博士) of the Department of Electrical Engineering won the 2022 Paul Dudley White International Scholar Award organised by the American Heart Association.

Chair Professor Kuo Tei-Wei (郭大維講座教授), former Dean of the College of Engineering, was elected as a Member of the European Academy of Sciences and Arts in the Natural Sciences class.

Four outstanding CityU scientists were elected to the Hong Kong Young Academy of Sciences, which falls under the Hong Kong Academy of Sciences. They were Dr Kwok Chun-kit (郭駿傑博士) of the Department of Chemistry, Dr Lei Dangyuan (雷黨願博士) of the Department of Materials Science and Engineering (MSE), Professor Lu Yang (陸洋教授) of the Department of Mechanical Engineering and MSE, and Mr Angus Yip Chi-hong (葉志康先生) of the Department of Computer Science.

An inter-institutional project team led by Professor Sylvia Kwok Lai Yuk-ching (郭黎玉晶教授) from the Department of Social and Behavioural Sciences won the 2021 University Grants Committee Teaching Award.

Dr Li Danfeng (李丹楓博士) of the Department of Physics and Dr Wang Cheng (王騁博士) of the Department of Electrical Engineering were shortlisted for MIT Technology Review Innovators Under 35 (TR35) China.



Dr Li Haoliang  
李皓亮博士

Dr Li Haoliang (李皓亮博士) of the Department of Electrical Engineering was named as one of the global Top 50 Chinese Young Scholars in the category of AI+X (AI-driven frontier cross-disciplinary areas) by Baidu.

Chair Professor Luk Kwai-man (陸貴文講座教授) of the Department of Electrical Engineering was conferred the 14th Guanghua Engineering Science and Technology Award by the Chinese Academy of Engineering and was elected as a Fellow of the Hong Kong Academy of Engineering Sciences 2021.

Professor Ng Yun-hau (吳永豪博士) of the School of Energy and Environment was awarded the Kataoka Lectureship Award for Asian and Oceanian Photochemist 2021, organised by the Japanese Photochemistry Association.

Professor Dirk Pfeiffer, Chow Tak Fung Chair Professor of One Health and Director of the Centre for Applied One Health Research and Policy Advice, was bestowed the Calvin W. Schwabe Award by the Association for Veterinary Epidemiology and Preventive Medicine.

Chair Professor Joe Qin Sizhao (秦泗釗講座教授), Head of the School of Data Science and Director of the Hong Kong Institute of Data Science, received the 2022 CAST Computing in Chemical Engineering Award by the American Institute of Chemical Engineers.

Professor Stephen Shum Wan-hang (岑運亨教授) of the Department of Management Sciences and his co-authors received the Best Paper Award at the Decision Sciences Institute 2021 Annual Conference.

Chair Professor Sun Dong (孫東講座教授) of the Department of Biomedical Engineering was elected as a Member of the European Academy of Sciences and Arts in the Technical and Environmental Sciences class and as a Fellow of the International Academy of Medical and Biological Engineering.

Chair Professor Michael Tse Chi-kong (謝智剛講座教授), Associate Vice-President (Strategic Research) and Chair Professor of Electrical Engineering, was awarded the IEEE CASS Charles A. Desoer Technical Achievement Award 2022.

Professor Alan Wan Tze-kin (溫子堅教授) of the Department of Management Sciences was elected President of the Hong Kong Statistical Society.

Chair Professor Wang Zuankai (王鑽開講座教授) of the Department of Mechanical Engineering and Department of Materials Science and Engineering won the 2021 Green Tech Award organised by the Meituan Green Tech Fund.

Researchers at CityU received tremendous accolades at Inventions Geneva Evaluation Days (IGED) 2022 by winning 22 awards, the highest number among local institutions for two years in a row. Chair Professor Wang Zuankai (王鑽開講座教授) of the Department of Mechanical Engineering (MNE) and the Department of Materials Science and Engineering (MSE); Dr Steven Wang of MNE; and Ling Chen (凌晨), Yao Xiaoxue (姚曉雪), Wang Hongbo (王洪波), PhD students of MNE, received the Gold Medal with Congratulations of the Jury. Six teams won Gold Medals, including teams led by Dr Tso Chi-yan (曹之胤博士) of the School of Energy and Environment (SEE) and Stanley Liu Sai (劉賽), PhD student of SEE; Dr Wang Lidai (王立代博士) of the Department of Biomedical Engineering (BME) and Dr Liu Chao (劉超博士), PhD graduate of BME; Dr Yu Xinge (于欣格博士) of BME; Chair Professor Wang Zuankai (王鑽開講座教授); Dr Gajendra Kumar and Dr Eddie Ma Chi-him (馬智謙博士) of the Department of Neuroscience; as well as Xiaomi Limited led by Dr Huang Linfeng (黃林峰博士), formerly Associate Professor in the Department of Biomedical Sciences.

Chair Professor Xie Min (謝旻講座教授) of the Department of Advanced Design and Systems Engineering and the School of Data Science was elected to the European Academy of Sciences and Arts in the Technical and Environmental Sciences class.

Chair Professor Yan Hong (嚴洪講座教授) of the Department of Electrical Engineering was elected as a Fellow of the US National Academy of Inventors.



## UNIVERSITY GOVERNANCE FOR 21st CENTURY

### 二十一世紀的大學管治

The Council continued to uphold a robust governance framework for City University of Hong Kong (CityU) during the reporting period. This framework is of overriding importance to the University's pursuit of excellence in research and professional education in the midst of global challenges.

校董會於本年度繼續為香港城市大學(城大)維持穩健的管治架構。在面臨全球各種挑戰期間，該架構對大學追求卓越研究及專業教育至關重要。





CityU is committed to building a world-class campus with state-of-the-art facilities. A number of construction projects are well underway. To maximise the potential for developing the land for the student hostel project at Whitehead, Ma On Shan, extra amenities and hostel places will be provided. The Council approved the use of funding from the University, including the use of investment returns from the Hostel Development Fund, to cover the extra costs.

The rapid development of the Greater Bay Area opens up opportunities for the University's strategic expansion. The Council is pleased to note that, after an extensive evaluation process, the University received the Ministry of Education's approval in June 2022 to prepare for the establishment of City University of Hong Kong (Dongguan). This approval marks an important milestone in the University's venture into offering education in Dongguan and in developing a multilateral, interdisciplinary platform that will strengthen collaborations with mainland China in education, research, technology transfer and innovation.

Maintaining public confidence is fundamental to the operations of a responsible university. The University Accountability Agreement (UAA) between the University and the University Grants Committee strikes an appropriate balance between institutional autonomy and public accountability. The Council approved a new UAA for the next triennium 2022-2025, incorporating the University's institutional vision, mission, and strategic actions as set out in the Strategic Plan 2020-2025.

城大致力建設配備先進設施的世界級校園，多個建築項目正順利施工中。為了充分使用馬鞍山白石新學生宿舍項目的土地，大學將額外興建設施和宿位。校董會已批准動用大學的資金，包括使用宿舍發展基金的投資回報來支付額外費用。

大灣區的快速發展為大學的策略性拓展帶來機遇。校董會欣悉，經過廣泛評估，大學於2022年6月獲得教育部批准籌建香港城市大學(東莞)。這是大學在東莞開展教育工作、發展多邊跨學科平台的重要里程碑，將加強大學與內地在教育、研究、技術轉移及創新等領域的合作。

對於一所勇於承擔社會責任的大學，其營運的基礎是要維護公眾信心。城大與大學教育資助委員會簽署的大學問責協議，在院校自主與公眾問責之間取得平衡。校董會批准了新的2022-2025三年期大學問責協議，其中納入了《2020-2025年策略性發展計劃》臚列的大學願景、使命及策略行動。

The continuous advancement of the University is boosted by a strong relationship between the University and its alumni. The Convocation of the University plays an indispensable role in providing an established structure and system for strengthening this relationship. The Council approved the proposed amendments to the Constitution and Rules of Meeting of the Convocation for the goodwill and best interest of the Convocation and the University.

Effective risk management is integral to the University's daily operations. The University continually seeks to enhance its agility and resilience by conducting an annual review of the Risk Matrix and Risk Register. In response to the latest pandemic and public health situation, the Risk Matrix and Risk Register were updated in early 2022, ensuring the safety of staff and students on campus.

The appointment of Professor Freddy Boey as the next President of the University was among the critical decisions taken by the Council in 2021/22. The appointment, effective from May 2023, will ensure a seamless leadership transition. Based on the solid foundations established by President Way Kuo during his long and distinguished service, the Council looks forward to working closely with Professor Boey to take CityU to new heights.

The concept of Environmental, Social, and Governance (ESG) has been widely embraced in recent years. Keeping abreast of the global trend, the Finance Committee of the Council approved the integration of ESG into the University's investment process and related amendments in the Investment Guidelines.

城大與校友保持良好緊密關係，有助大學持續發展。大學評議會提供既定架構及制度，在加強彼此關係上發揮了必不可少的作用。為了確保評議會和大學的聲譽和利益，校董會批准了《評議會議事章程及規則》的修訂建議。

有效的風險管理是大學日常營運不可缺少的部分。大學通過每年審核風險評估矩陣及風險管控表，不斷設法提高其靈活度及適應能力。為應對近年的疫情與公共衛生狀況，大學於2022年初更新了風險評估矩陣及風險管控表，以確保校內教職員與學生的安全。

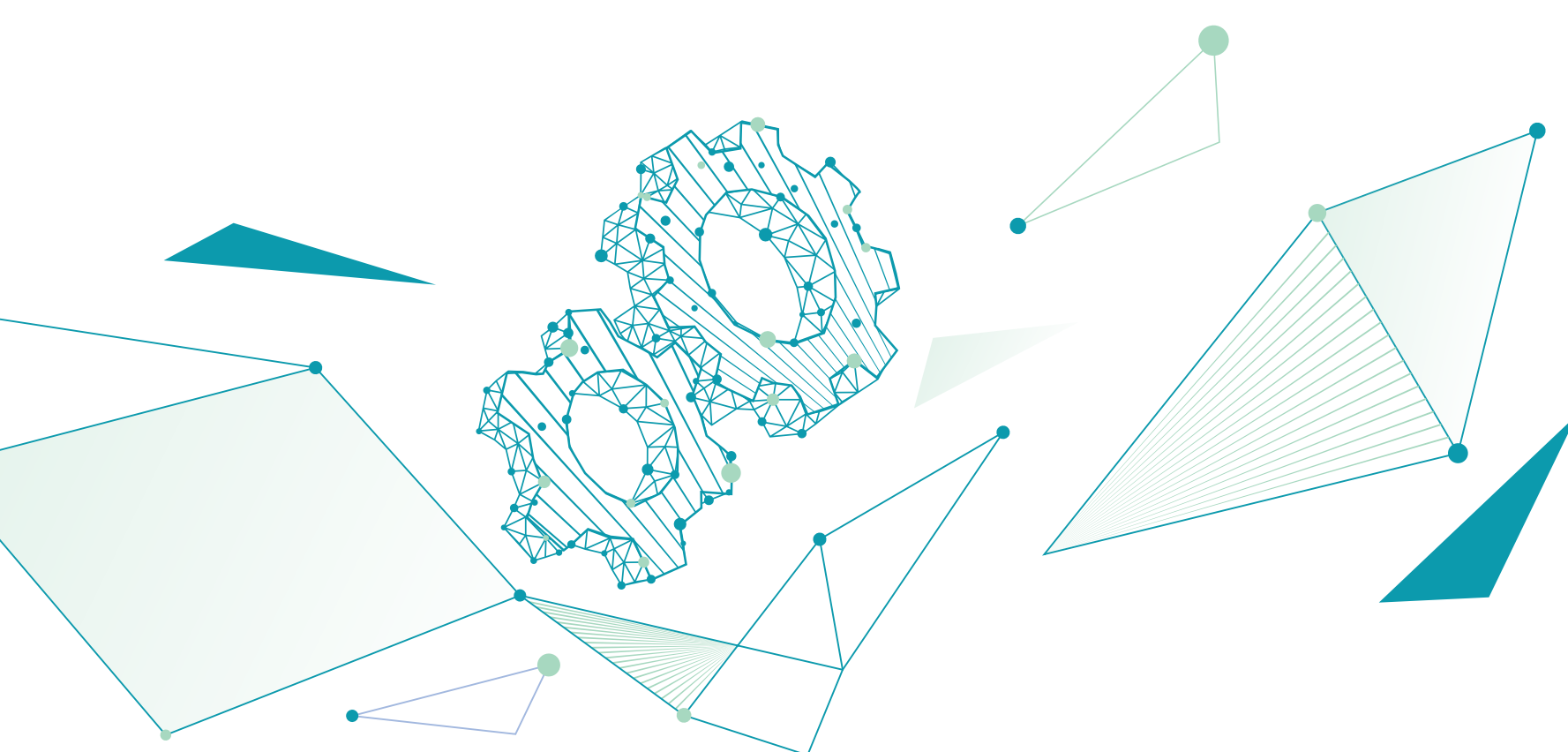
在2021/22年度，校董會作出一項重要決定，任命梅彥昌教授為下任校長，以確保領導職務的順利過渡。該項任命將於2023年5月起生效。郭位校長服務城大多年，表現卓越，在此良好基礎上，校董會期待與梅教授通力合作，帶領城大再攀高峰。

近年來，環境、社會和管治(ESG)的概念得到廣泛接受。順應全球趨勢，校董會財務委員會批准將ESG納入大學投資流程以及投資指引的相關修訂。



CityU endeavours to operate in an environmentally responsible manner, with a strong focus on achieving carbon neutrality on campus. Compared with the baseline year of 2018/19, Green House Gas emissions per floor area on campus were reduced by 23% in 2021/22, outperforming targets. The University will continue to augment energy efficiency in both new and existing buildings. Moreover, many events were organised during the year to encourage the University community's participation in shaping a more sustainable future, such as Green Living@CityU 2021 and CityU WasteSmart MoneySmart Campaign. These events align with the Government's plan to achieve carbon neutrality by 2050 and its new scheme for charging for municipal solid waste. The overwhelmingly positive response to these events demonstrates that our aspirations for sustainability are shared by the CityU community.

城大致力以對環境負責任的方式運作，着重在校園內實現碳中和。與2018/19基準年度相比，2021/22學年校內每一建築面積排放的溫室氣體減少了23%，超過了定立的目標。大學將繼續提升新建築及現有建築的能源效率。此外，大學在年內舉辦了多項活動，例如綠色生活@城大2021和城大「智慳」[識減]大行動，鼓勵師生員工共創更可持續的未來。上述活動與政府於2050年前在香港實現碳中和，以及都市固體廢物收費新計劃目標一致。這些活動大獲好評，表明大學對可持續發展的宏圖得到了城大社群的支持。



### Attendance of Members at Council Meetings in 2021/22 2021/22校董會會議出席率

#### Council 校董會

Date of Meeting	會議日期	Total Number of Council Members 校董人數	Number of Members Present 出席人數	Percentage of Members Present 出席率
7 October 2021	2021年10月7日	22	19	86%
17 November 2021	2021年11月17日	22	20	91%
16 March 2022	2022年3月16日	22	22	100%
17 May 2022	2022年5月17日	22	21	95%
16 June 2022	2022年6月16日	22	22	100%

#### Council Committees 校董會委員會

Council Committees	校董會委員會	Total Number of Meetings 會議總數	Average Attendance Rate of Council Members 校董平均出席率
Advisory Committee for Graduate Employment	畢業生就業顧問委員會	2	83%
Audit Committee	審計委員會	3	87%
Community Relations Committee	社區關係委員會	1	92%
Executive Committee	行政委員會	6	94%
Finance Committee	財務委員會	3	95%
Honorary Awards Committee	榮譽學位委員會	3	96%
Human Resources Committee	人力資源委員會	1	86%
Nominations Committee	提名委員會	1	83%



(From left to right)

Back row: Mr Alan Poon, Mr Stephen Ma, Prof Matthew Lee, Mr Peter Yan, Mr Robert Lui, Mr William Khoo  
 Middle row: Mr Jason Lau, Miss Elaine Leung, Ms Rita Pang, Ms Miranda Kwok, Mr Justin Wong, Dr Kevin Downing  
 Front row: Dr Eugene Chan, Mr Rex Wong, Mr Charles Chin, Prof Way Kuo, Mr Lester Huang, Ms Lilian Chiang, Dr Leung Pak-yin, Mr Joseph Tse, Mr David Ho

(由左至右)

後排：潘柏麟、馬勤、李國安、任景信、呂志宏、丘煥法  
 中排：劉浚傑、梁偉妍、彭一心、郭珮芳、黃德豪、唐寧  
 前排：陳建強、王紹恆、錢應安、郭位、黃嘉純、蔣瑞福、梁栢賢、謝立斌、何志豪



The Council 校董會

<b>Chairman</b> Mr Lester Garson Huang, <i>SBS, JP</i>	<b>主席</b> 黃嘉純
<b>Deputy Chairman</b> Ms Lilian Chiang Sui-fook	<b>副主席</b> 蔣瑞福
<b>Treasurer</b> Mr Charles Chin Ying-on	<b>司庫</b> 錢應安
<b>External Members</b> Dr Eugene Chan Kin-keung, <i>SBS, BBS, JP</i> Mr David Ho Chi-hoo, <i>BBS, JP</i> Ms Miranda Kwok Pui-fong Dr Leung Pak-yin, <i>SBS, JP</i> Dr Raymond Leung Siu-hong Miss Elaine Leung Wai-yin Mr Robert Lui Chi-wang Ms Rita Pang Yat-sum Mr Joseph Tse Lap-bun Mr Rex Wong Siu-han, <i>JP</i> Mr Justin Wong Tak-ho Mr Peter Yan King-shun, <i>JP</i>	<b>校外成員</b> 陳建強 何志豪 郭珮芳 梁栢賢 梁少康 梁偉妍 呂志宏 彭一心 謝立斌 王紹恆 黃德豪 任景信

<b>President</b> Professor Way Kuo	<b>校長</b> 郭位
<b>Deputy President</b> <i>Vacant</i>	<b>常務副校長</b> 懸空
<b>Senate Representative</b> Professor Matthew Lee Kwok-on	<b>教務會成員</b> 李國安
<b>Elected Staff Members</b> Mr Stephen Ma Kun Mr Alan Poon Pak-lun	<b>員工成員</b> 馬勤 潘柏麟
<b>Chairman of the Convocation</b> Mr William Khoo Wun-fat	<b>評議會主席</b> 丘煥法
<b>President of Students' Union</b> Mr Jason Lau Tsun-kit	<b>學生會會長</b> 劉浚傑
<b>Elected Postgraduate Student Member</b> Mr Wan Lei	<b>研究生成員</b> 萬鏞
<b>Secretary</b> Dr Kevin Downing	<b>秘書</b> 唐寧

Membership as at 30 June 2022  
 校董會成員於2022年6月30日





## PRUDENT STEWARDSHIP FOR FINANCIAL SECURITY

### 審慎管理 穩健財務

The statements on comprehensive income and financial position offer a full picture of City University of Hong Kong's (CityU) finances.

全面收益表及財務狀況表展示香港城市大學(城大)的整體財務概況。



# Statement of Comprehensive Income

## 全面收益表

For the Year Ended 30 June 2022  
截至2022年6月30日止年度

(In thousands of Hong Kong dollars) (以千港元計)		The Group 大學整體		The University 大學	
		2022	2021	2022	2021
<b>Income</b>	<b>收入</b>				
Government Subventions	政府撥款	3,303,963	3,054,734	3,303,963	3,054,734
Tuition and Other Fees	學費及其他收費	1,833,995	1,766,632	1,833,995	1,766,632
Donations and Benefactions	捐款及捐贈	98,607	73,181	98,617	73,191
Auxiliary Services	雜項服務	155,330	131,532	144,981	121,878
Other Income	其他收入	346,594	332,710	115,927	87,577
		<b>5,738,489</b>	<b>5,358,789</b>	<b>5,497,483</b>	<b>5,104,012</b>
<b>Expenditure</b>	<b>開支</b>				
Learning and Research	教育及研究				
Instruction and Research	教學及研究	3,286,526	3,148,814	3,305,845	3,160,768
Library	圖書館	126,791	126,893	126,791	126,893
Central Computing Facilities	中央電腦設施	228,436	216,990	228,436	216,990
Other Academic Services	其他教學服務	239,015	219,973	239,015	219,973
Institutional Support	教學支援				
Management and General	管理及一般項目	441,022	430,809	438,177	428,257
Premises and Related Expenses	校舍及有關開支	994,547	970,216	983,174	960,900
Student and General Education Services	學生及教育服務	356,715	285,028	356,715	285,028
Other Activities	其他活動	265,556	232,641	24,285	3,554
		<b>5,938,608</b>	<b>5,631,364</b>	<b>5,702,438</b>	<b>5,402,363</b>
<b>Deficit before Interest and Net Investment Return</b>	<b>除利息及淨投資回報前虧損</b>	<b>(200,119)</b>	<b>(272,575)</b>	<b>(204,955)</b>	<b>(298,351)</b>
Interest and Net Investment Return	利息及淨投資回報	(1,216,266)	1,240,378	(1,214,647)	1,236,197
<b>(Deficit)/Surplus after Interest and Net Investment Return</b>	<b>除利息及淨投資回報後(虧損)/盈餘</b>	<b>(1,416,385)</b>	<b>967,803</b>	<b>(1,419,602)</b>	<b>937,846</b>
Finance Costs	財務費用	(4,876)	(4,314)	(4,138)	(4,072)
Share of loss of a Joint Venture	應佔合營公司虧損	(207)	—	—	—
(Deficit)/Surplus before Taxation	除稅前(虧損)/盈餘	(1,421,468)	963,489	(1,423,740)	933,774
Taxation	稅項	(1,885)	(3,473)	(1,266)	(655)
<b>(Deficit)/Surplus for the Year</b>	<b>本年度(虧損)/盈餘</b>	<b>(1,423,353)</b>	<b>960,016</b>	<b>(1,425,006)</b>	<b>933,119</b>
<b>Other Comprehensive Income Item that may be Reclassified Subsequently to Surplus or Deficit</b>	<b>其他全面收益期後或會轉往損益的項目</b>				
Exchange Differences on Translation of Operations outside Hong Kong	換算香港境外營運之匯兌差額	(1,748)	6,397	—	—
<b>Other Comprehensive Income for the Year</b>	<b>本年度其他全面收益</b>	<b>(1,748)</b>	<b>6,397</b>	<b>—</b>	<b>—</b>
<b>Total Comprehensive Income for the Year</b>	<b>本年度全面收益總額</b>	<b>(1,425,101)</b>	<b>966,413</b>	<b>(1,425,006)</b>	<b>933,119</b>

# Statement of Comprehensive Income

## 全面收益表

For the Year Ended 30 June 2022  
截至2022年6月30日止年度

(In thousands of Hong Kong dollars) (以千港元計)		The Group 大學整體		The University 大學	
		2022	2021	2022	2021
<b>(Deficit)/Surplus for the Year Attributable to the Group/the University transfer (from)/to:</b>	<b>屬於大學整體/大學之本年度(虧損)/盈餘轉撥(自)/至:</b>				
UGC Funds	教資會基金	(718,295)	170,479	(718,295)	170,479
Restricted Fund for Research	研究專用基金	50,707	58,139	50,707	58,139
Other Funds	其他基金	(755,765)	731,398	(757,418)	704,501
<b>(Deficit)/Surplus for the Year</b>	<b>本年度(虧損)/盈餘</b>	<b>(1,423,353)</b>	<b>960,016</b>	<b>(1,425,006)</b>	<b>933,119</b>
<b>Total Comprehensive Income Attributable to the Group/the University transfer (from)/to:</b>	<b>屬於大學整體/大學之全面收益總額轉撥(自)/至:</b>				
UGC Funds	教資會基金	(718,295)	170,479	(718,295)	170,479
Restricted Fund for Research	研究專用基金	50,707	58,139	50,707	58,139
Other Funds	其他基金	(757,513)	737,795	(757,418)	704,501
<b>Total Comprehensive Income for the Year</b>	<b>本年度全面收益總額</b>	<b>(1,425,101)</b>	<b>966,413</b>	<b>(1,425,006)</b>	<b>933,119</b>



# Statement of Financial Position

## 財務狀況表

As at 30 June 2022  
於2022年6月30日

		The Group 大學整體		The University 大學	
		2022	2021	2022	2021
(In thousands of Hong Kong dollars) (以千港元計)					
<b>Non-current Assets</b>	<b>非流動資產</b>				
Investment Properties, Other Property, Plant and Equipment	投資物業、其他校舍、機器及設備	5,829,130	5,311,048	5,705,278	5,204,112
Intangible Assets	無形資產	65,915	66,661	—	—
Goodwill	商譽	33,471	33,471	—	—
Investments	投資	50,679	16,174	6,248	7,442
Investments in Subsidiaries	附屬公司投資	—	—	276,284	188,472
Interest in a Joint Venture	合營公司權益	49,793	—	—	—
Accounts Receivable, Prepayments and Others	應收帳款、預付帳款及其他	24,580	25,853	22,110	24,872
Deferred Tax Assets	遞延稅項資產	—	45	—	—
		<b>6,053,568</b>	5,453,252	<b>6,009,920</b>	5,424,898
<b>Current Assets</b>	<b>流動資產</b>				
Investments	投資	8,102,537	9,432,458	8,102,537	9,432,458
Loans Receivable	應收貸款	132,420	147,740	150,420	167,013
Accounts Receivable, Prepayments and Others	應收帳款、預付帳款及其他	457,459	311,972	465,442	331,196
Inventories	存貨	9,112	7,431	796	734
Cash and Bank Deposits	現金及銀行存款	1,276,371	1,643,258	1,188,897	1,545,448
		<b>9,977,899</b>	11,542,859	<b>9,908,092</b>	11,476,849
<b>Current Liabilities</b>	<b>流動負債</b>				
Deferred Income	遞延收入	1,298,694	1,074,024	1,298,694	1,074,024
Accounts Payable and Accruals	應付帳款及應計費用	1,083,224	807,144	1,061,961	790,259
Contract Liabilities	合約負債	442,451	339,773	439,931	337,193
Provision for Employee Benefits	僱員福利撥備	696,937	682,083	685,620	671,866
Tax Payable	應付稅款	1,363	1,745	—	—
Loans and Borrowings	貸款及借貸	100,000	100,000	122,251	122,637
Lease Liabilities	租賃負債	48,584	36,525	45,026	34,716
Provision for Reinstatement Costs	還原成本的撥備	1,473	2,500	1,473	2,500
		<b>3,672,726</b>	3,043,794	<b>3,654,956</b>	3,033,195
<b>Net Current Assets</b>	<b>流動資產淨值</b>	<b>6,305,173</b>	8,499,065	<b>6,253,136</b>	8,443,654
<b>Total Assets less Current Liabilities</b>	<b>資產總值減流動負債</b>	<b>12,358,741</b>	13,952,317	<b>12,263,056</b>	13,868,552

## Statement of Financial Position

## 財務狀況表

As at 30 June 2022  
於2022年6月30日

		The Group 大學整體		The University 大學	
		2022	2021	2022	2021
(In thousands of Hong Kong dollars) (以千港元計)					
<b>Non-current Liabilities</b>	<b>非流動負債</b>				
Deferred Tax Liabilities	遞延稅項負債	12,159	11,968	—	—
Deferred Income	遞延收入	2,454,694	2,894,369	2,454,694	2,894,369
Accounts Payable and Accruals	應付帳款及應計費用	93,494	68,252	93,494	68,252
Provision for Employee Benefits	僱員福利撥備	56,195	47,953	56,195	47,953
Lease Liabilities	租賃負債	61,141	54,909	46,738	50,990
Provision for Reinstatement Costs	還原成本的撥備	1,340	—	—	—
		<b>2,679,023</b>	3,077,451	<b>2,651,121</b>	3,061,564
<b>Deferred Capital Funds</b>	<b>遞延資本基金</b>	<b>2,860,626</b>	2,630,673	<b>2,860,626</b>	2,630,673
<b>Net Assets</b>	<b>資產淨值</b>	<b>6,819,092</b>	8,244,193	<b>6,751,309</b>	8,176,315
<b>Represented By:</b>	<b>資金來源：</b>				
UGC Funds	教資會基金	1,714,689	2,432,984	1,714,748	2,433,043
Restricted Fund for Research	研究專用基金	862,702	789,774	862,605	789,677
Other Funds	其他基金	4,241,701	5,021,435	4,173,956	4,953,595
<b>Total Funds</b>	<b>基金總值</b>	<b>6,819,092</b>	8,244,193	<b>6,751,309</b>	8,176,315

Approved and authorised for issue by the Council on 6 October 2022.

校董會於2022年10月6日核准許可發出。



### International Rankings

With a well-earned reputation as an innovative hub for research and professional education and for addressing global issues and empowering positive change, CityU ranks high among the world's top universities.

### 世界排名

城大以創新精神專注研究及專業教育兩大領域，致力為全球議題尋找解決方案，並推動社會進步，為此享譽國際，躋身世界頂尖學府排名前列。

**#54**

Quacquarelli Symonds (QS)  
World University Rankings 2023  
QS 2023年世界大學排名榜

**#7**

Nature Index 2021 Young Universities  
施普林格 — 自然  
自然指數 — 年輕大學2021排名榜

**#1**

1st in HK in Citations per Faculty in QS  
World University Rankings averaged over  
a five-year period from 2017–2021  
全港第一：QS世界大學排名榜2017至  
2021年間「論文引用數量」的五年平均值

**#1**

1st in Hong Kong for the 5th consecutive year for the  
highest number of academic subjects (15 subjects in  
2022) ranked in the world's top 50  
ShanghaiRankings's Global Ranking of Academic  
Subjects list  
全港第一：城大連續五年成為最多學科入選「軟科世  
界一流學科排名」全球50強的本地大學（2022年共有  
15個學科入選）

### Research and Innovation

By extending the frontiers of knowledge both within and beyond existing research paradigms, CityU seeks solutions to critical global challenges.

### 研究及創新

城大在現有研究範圍之內外，均致力擴闊知識領域，為全球重大難題尋找解決方案。

**#1**

After climbing 22 places to 29th in the 2021 top  
100 universities granted US utility patents by the  
National Academy of Inventors, CityU is 1st  
among Hong Kong universities for the 6th  
consecutive year  
城大於2021美國國家發明家科學院全球頂尖100所  
獲頒最多美國專利大學排名榜中攀升22位至第29  
位，連續六年香港大學排名第一位

**1,250+**

As of August 2022, the number of patents that  
CityU has applied for, of which 701 have  
been granted  
截至2022年8月，城大在全球申請專利技術的數  
量，當中701項已獲專利授權

**22**

The number of awards that CityU won at  
the Inventions Geneva Evaluation Days  
2022; the highest number among local  
universities  
城大於2022年網上日內瓦國際發明展中  
囊括的獎項數量，為全港大學之冠

**\$800m+**

Approved funding for ongoing Innovation  
and Technology Fund, contract research and  
government-funded projects in 2021/2022  
2021/22年度進行中已批准撥款的創新及科  
技基金、合約研究及政府資助研究項目

**170+**

According to Stanford University data for  
2021, the number of CityU faculty members  
ranked among the world's top 2% most-  
cited scientists  
城大教研人員於史丹福大學2021年論文被高  
度引用的全球頂尖科學家名單中，被列為全  
球排名前2%科學家的人數

**3,396**

Number of ongoing research projects  
supported by external funds and CityU  
research grants in 2021/2022  
2021/22年度由校外及校內撥款資助的  
研究項目總數



### Employment

The CAReer Launch Scheme (CARLS) set up in June 2020 is the first university-corporate partnership among Hong Kong's eight publicly-funded universities to provide an enhanced matching fund for employers who provide work opportunities.

### 就業情況

城大率先於2020年6月推出「城」就開拓計劃 (CARLS)。這是八所資助大學中首個校企合作計劃，為招聘城大畢業生的僱主提供配對基金。

**96.6%**

The full-time employment rate for CityU graduates in 2021; the highest among the eight publicly-funded universities  
城大2021年畢業生獲全職工作比率，為八所資助大學中最高

**16%**

A double-digit increment for CityU graduates' average annual salary in 2021 compared to 2020; the highest among the eight publicly-funded universities  
城大畢業生的平均年薪較2020年錄得雙位數增幅，為2021年八所資助大學中增幅最高

**9,000+**

As of August 2022, the number of job vacancies that CARLS has solicited for graduates over the past three years  
截至2022年8月，「城」就開拓計劃成功為過去三年畢業生提供的職位空缺數目

### Student development

Students are encouraged to explore their individual potential and embark on exciting new ventures through scholarships and HK Tech 300.

### 學生發展

城大透過獎學金和創新創業計劃HK Tech 300，協助學生發展個人潛能，探索新里程。

**\$177m**

Amount for scholarships awarded 2021/22  
2021/2022年度獎學金總金額

**360+**

Number of teams awarded seed funding worth HK\$100,000 each through HK Tech 300  
透過城大旗艦創新創業計劃HK Tech 300，各獲得港幣十萬元種子基金的初創團隊數目

**70+**

Number of start-ups awarded angel funding worth up to HK\$1 million each through HK Tech 300  
透過城大旗艦創新創業計劃HK Tech 300，各獲批最高達港幣100萬元天使基金投資的初創公司數目



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