



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

We Are PolyU

**Together
We Excel**

情繫理大・共創非凡

Annual Report 年報 2021/22

We Are PolyU

**Together
We Excel**

情繫理大・共創非凡



Motto 校訓

To learn and to apply,
for the benefit of mankind
開物成務 勵學利民

Vision 願景

Be a leading university that advances and transfers knowledge, and provides the best holistic education for the benefit of Hong Kong, the Nation and the world.

矢志成為一所在開拓及轉移知識、提供優質全人教育方面均領先的大學，為香港、國家及世界作出貢獻。

Mission 使命

To pursue impactful research that benefits the world.

致力富有影響、造福世界的研究。

To nurture critical thinkers, effective communicators, innovative problem solvers and socially responsible global citizens.

培育敏於思辨、善於溝通、富於創見、精於解難，且勇於承擔社會責任的世界公民。

To foster a University community in which all members can excel in their aspirations with a strong sense of belonging and pride.

營造讓員生志存高遠、心有歸屬、樂於以大學為榮的環境。



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Chairman's Foreword 主席序言

Leveraging
our Strengths for
A New Era發揮實力
邁向嶄新時代

2022 has been a momentous year, marking the 25th Anniversary of the establishment of the Hong Kong Special Administrative Region, as well as the 85th Anniversary of PolyU. Our city is now entering a new era of development, and PolyU stands ready to support the Hong Kong Government's vision of "starting a new chapter for Hong Kong together".

As both Chairman of Council and an alumnus of the University, I am filled with pride when I look back at the evolution of this remarkable institution, from its origin as a small local college providing technical education, to a university that is today widely recognised for its excellence in research and education. Indeed, PolyU has scaled new heights in the latest global university rankings, placing 65th according to the 2023 QS World University Rankings and 79th according to the 2023 Times Higher Education World University Rankings.

2022年是別具意義的一年：既是香港特別行政區成立二十五周年，也是理大八十五周年校慶。香港正邁進新的發展階段，理大亦已準備就緒，支持政府的願景——「同為香港開新篇」。

我是理大校董會主席，也是理大校友，每當回顧這所傑出學府的發展，總是引以自豪。理大從一所提供工業技術教育的小型院校，逐步發展成今天以卓越教研而廣受認可的世界百強大學（QS 2023年度世界大學排行第65位；泰晤士高等教育2023世界大學排行第79位），成績令人鼓舞。

Throughout the years, PolyU has grown and thrived with Hong Kong, contributing to the prosperity of our city, the Nation and the world. PolyU's development and success are the result of the concerted efforts and shared goals of PolyU's stakeholders, supporters and friends, as reflected in our 85th Anniversary motto, "We Are PolyU, Together We Excel".

Main Entrance represents PolyU's quest for excellence

Throughout the year, we held a series of activities in celebration of our Anniversary. One of the most noteworthy events was the Main Entrance Unveiling Ceremony, officiated by the Honourable John K. C. Lee, Chief Executive of the HKSAR and Chancellor of PolyU. More than 600 community leaders, distinguished guests, PolyU alumni, staff and students gathered to celebrate this significant joyful occasion.

The Main Entrance is more than just a new landmark – it also manifests PolyU's determination to take talent development, technological innovation and knowledge transfer to the next level of excellence.

一直以來，理大與社會一同成長，一同進步，為香港、國家以至世界的繁榮作出貢獻。理大的發展與成功，有賴各持分者、支持者和友好的鼎力支持——誠如大學八十五周年校慶的口號所言：「情繫理大，共創非凡」。

主校門標誌理大追求卓越的精神

過去一年，大學舉辦了一系列校慶活動，而主校門揭幕典禮是其中一項最矚目的盛事。當日的儀式由香港特區行政長官兼理大校監李家超先生蒞臨主禮，聯同一眾社會賢達、嘉賓、校友、教職員及學生等逾六百人，一同見證喜悅時刻。

理大主校門不僅是大學的新地標，更標誌着理大在培育人才、科研發展和知識轉移等各方面矢志再創高峰的決心。





Nurturing future leaders and professionals

With almost 460,000 graduates around the globe, we have nurtured many bright minds who have become a positive force for society's advancement. Our teachers are the backbone of our talent development, and we were delighted to receive two prestigious UGC Teaching Awards in 2022 in recognition of the outstanding teaching performance of PolyU academics. I congratulate our teachers for winning the coveted awards.

We have also recently enhanced our education so that we can continue developing graduates who meet societal needs. For example, we have embedded the important elements of "AI and Data Analytics" and "Innovation and Entrepreneurship" into our undergraduate curriculum to cultivate interdisciplinary talents for the emerging innovation and technology industries of Hong Kong, the Greater Bay Area and beyond.

In addition to providing our students with professional expertise, we offer a holistic education that promotes positive values, such as a strong sense of social responsibility and national identity as well as a global perspective. For this reason, we have enriched our national education and now require all our undergraduates to study a subject related to Chinese history and culture.

為未來培育領袖專才

理大迄今培育了近460,000名畢業生，可謂桃李滿門，人才輩出，不少校友更為業界翹楚，是推動社會發展的重要力量。作育英才有賴優秀的教學團隊。理大在2022年度教資會傑出教學獎的三個組別中獲得兩項大獎，可見理大學者的卓越教學表現備受肯定，本人向他們衷心致賀。

為配合社會發展的需要，大學最近進一步優化課程，包括將「人工智能和數據分析」和「創新及創業」兩大元素加入本科課程中，旨在培育跨學科人才，以應對香港、大灣區以至全球新興創科產業的需要。

理大非常重視全人教育，除了傳授專業知識，還致力培養年輕人成為具有正向思維、勇於承擔社會責任的人才，不但心繫家國，還具備全球視野。為此，我們豐富了國民教育的內容，並要求所有本科生均需修讀與中國歷史和文化相關的學科。

Furthermore, one of the hallmarks of PolyU's undergraduate education is our Service-Learning programme, which promotes social responsibility by integrating academic study with community service. Since our Service-Learning initiative was established in 2012/13, our students have provided over 1.33 million hours of service to communities in need in Hong Kong, the Mainland, and overseas. The success of this approach was recently recognised when the University received the acclaimed "Times Higher Education Awards Asia 2022: Teaching and Learning Strategy of the Year" award for its Service-Learning programme.

To further support the all-round development of students, we have a strong and vibrant sporting culture at PolyU. In this regard, I was delighted at the success of PolyU's sports teams on winning the Yearly Men's and Yearly Women's Overall Championships in the 2021/22 Inter-Collegiate Competitions organised by the University Sports Federation of Hong Kong, China. The teams have now won the Grand Slam for the fourth consecutive time (namely, in 2017/18, 2018/19, 2020/21 and 2021/22), beating the competition from 12 local tertiary institutions – a truly remarkable accomplishment.

I hope to see PolyU students continuing to thrive in sports, since sports can cultivate many desirable characteristics in young people, including perseverance, teamwork, and self-discipline, which can help students excel in their academic studies too.

「服務學習」是理大全人教育重要的一環，旨在通過結合學術研習和社會服務，培養學生的社會責任感。自2012/13學年開辦服務學習科目以來，理大學生已經為香港、內地和海外有需要的社群提供超過133萬小時的服務。這項計劃在「2022年泰晤士高等教育亞洲大獎」中獲頒「教與學策略獎」，可見服務學習的理念和成效得到肯定。

此外，理大學生的全人發展，從本校濃厚的體育文化氣息亦可見一斑。理大運動隊在香港大專體育協會舉辦的2021/22年度大專盃比賽中不但再次奪得男子及女子全年團體總冠軍，更連續第四次奪得大滿貫（2017/18、2018/19、2020/21和2021/22四屆），成就斐然。

我期望更多理大同學在運動方面有出色表現。體育運動不但有助強健體魄，亦可培養年輕人的毅力、團隊合作和自律等優良品格，這些特質亦有助同學在學業上取得優異成績。



At the forefront of innovation

Over the past year, our University has also received recognition for being a leader in research and innovation. For example, more than 200 PolyU scholars ranked among the world's top 2% most-cited scientists, with PolyU furthermore having the largest number of top 2% scientists in Hong Kong and globally in the fields of Civil Engineering and Building and Construction, according to the latest metrics by Stanford University. Furthermore, PolyU ranked first for blockchain in the world, topping a list of 240 universities, according to the "Best Universities for Blockchain 2022" rankings by CoinDesk.

We are leveraging our research and innovation competence to support InnoHK, the Government's flagship I&T initiative, which was launched in May 2022. We have established three pioneering research centres under this initiative in collaboration with world-class institutions, which focus on artificial intelligence and design, reliability and safety, and vision science technologies to foster a better future.



For research to make a significant difference, it must be transferred to the real world. Our University therefore aims to nurture the next generation of entrepreneurs who aspire to use research and innovation to create societal impact. We have established various funding schemes to support academic- and student-led startups that aim to commercialise PolyU's technologies. We are proud that so far our holistic innovation and entrepreneurship development framework has helped over 450 startups at different stages of the entrepreneurial journey – from education, to ideation, to pre-incubation/incubation and acceleration for sustained growth.

走在創科前沿

過去一年，理大卓越的科研成績廣受認同。根據史丹福大學最新公布的資料，理大有逾200位學者位列全球首2%最廣獲徵引的科學家；在土木工程以及建築與建造兩個範疇中，以全球首2%頂尖科學家的上榜人數計，理大更位列世界第一。此外，在CoinDesk發表的「2022年區塊鏈最佳大學」排名中，理大位列榜首，在全球240所大學中獲評為對區塊鏈最具影響力的學府。

理大以雄厚的科研實力積極支持特區政府的「InnoHK創新香港研發平台」。InnoHK於2022年5月正式啟動，理大在此研發平台下設立了三個研究中心，與世界一流院校合作，專注人工智能設計、產品可靠性及系統安全和視覺科學的研究，期望能充分發揮彼此的科研優勢，成就具影響力的科研成果，推動香港和大灣區的創新科技發展。



研究成果要能影響世界，必須轉化為實際應用。因此，理大致力培育新一代企業家，鼓勵他們將科研成果產業化，造福社會。本校設立了多項資助計劃，支持以理大學者和學生主導的初創企業，將理大的科技商品化。本校在創新和創業發展方面所搭建的框架，為不同階段的初創企業提供全面支援，包括教育、構思、孵化前/孵化中以至加速成長等多方面的幫助。至今，理大已支持逾450間初創企業。



Helping our city and country thrive

Looking to the future, our University will fully harness its strengths in education, research and entrepreneurship to support the Hong Kong Government's vision to develop our city into an international innovation and technology hub in the Greater Bay Area, as well as the goal of the National 14th Five-year Plan to turn our country into a global leader in cutting-edge science and technology.

To achieve these aspirations, we look forward to the continued and invaluable support of the Central Government and Hong Kong Government, as well as the support of our industry partners, generous donors and other stakeholders in society. I also look forward to collaborating with Council and Court Members, University management, staff, students and alumni to further elevate the University's pursuit of excellence for the benefit of Hong Kong, our Nation and the world, as PolyU enters an exciting new phase of development following our 85th Anniversary.

Dr Lam Tai-fai, GBS, JP
Chairman of Council

推動香港和國家蓬勃發展

展望未來，理大將致力發揮在教育、科研和知識轉移方面的優勢，支持特區政府的政策，將香港發展成為大灣區的國際創新科技中心，並貢獻力量，以助國家實現「十四五」規劃的願景，令中國成為帶領全球尖端科技發展的國家。

為實現這些願景，我們期望繼續得到中央政府、特區政府和業界夥伴堅實的支持。理大的前景欣欣向榮。我期待與校董會成員、顧問委員會委員、大學管理層、教職員、學生和校友繼續同心協力，使理大百尺竿頭，更進一步，為香港、國家以至全世界帶來更大的裨益。

校董會主席
林大輝博士, GBS, JP

President's Overview 校長報告

Celebrating 85 Years of Societal Impact

勵學利民八十五載



PolyU celebrated its 85th Anniversary in 2022, a significant milestone in our development as a leading university that provides world-class education and conducts cutting-edge research.

Our institution began as a humble Government Trade School in 1937. Over the years, PolyU and its predecessors have played a pivotal role in the different stages of social and economic development of our society. I joined the then Hong Kong Polytechnic in 1994, the same year the institution was granted university status. For almost three decades, I have witnessed the remarkable development of PolyU and its transformation into a university with wide global recognition. Indeed, PolyU is now ranked among the top 100 universities in the world by QS, Times Higher Education and US News, three of the most prestigious university ranking organisations.

理大在2022年喜迎八十五周年校慶，此乃本校發展史上重要的里程碑，標誌著理大已躋身全球領先大學之列，以世界級的教育和卓越科研貢獻社會。

理大前身香港官立高級工業學院早於1937年成立。多年來，理大及其前身院校在香港社會和經濟發展的不同階段，均擔當舉足輕重的角色。我在1994年加入了當時的香港理工學院，同年學院獲授予大學地位。過去近三十年，我見證了理大逐步成為享譽國際的大學的非凡發展。全球三個最具代表性的大學排名機構，包括QS、泰晤士高等教育和美國新聞與世界報道，均把理大列為全球百強學府之一。



Throughout our rich 85-year heritage, one constant theme has been our commitment to directly benefiting society, reflected in our University motto, "To learn and to apply, for the benefit of mankind".

八十五載風雲幻變，但我們始終不忘初心，繼續堅守造福社會的承諾，弘揚理大校訓「開物成務 勵學利民」的精神。

Standing united with Hong Kong during the pandemic

A powerful illustration of our dedication to societal impact is the contributions PolyU members made to help Hong Kong combat the COVID-19 pandemic during the unprecedented fifth wave in 2022. Our research teams created innovative solutions including the world's first anti-virus 3D printing material, portable devices for virus detection, and rehabilitation exercises for patients to regain their well-being. PolyU staff, students and alumni participated on the frontlines, such as by operating a hotline service for the Hospital Authority, running a pop-up community vaccination centre, helping residents in elderly homes and hostels for the disabled, and many other examples.

與港同行 同心抗疫

在2022年第五波疫情期間，理大成員與港人攜手並肩，共同抗疫，正是理大成員各盡所長，貢獻社會的又一次印證。我們的研究團隊研發出多個創新的防疫方案，包括全球首個防病毒三維打印物料、便攜式新冠病毒核酸檢測儀，以及設計協助新冠患者康復治療的訓練操「康復八式」等。理大教職員、學生和校友亦積極投入前線防疫工作，包括協助醫院管理局設立熱線服務、開設短期社區疫苗接種中心，並為居於安老院舍和殘疾院舍的人士提供支援服務等，以及參與多項其他抗疫工作。



Empowering I&T development

Our commitment to advancing society is also driving us to support the Hong Kong Government's plan to develop Hong Kong into an international innovation and technology hub in the Greater Bay Area (GBA), as well as the city's integration into the national I&T ecosystem. To showcase our contributions to I&T development through world-class research, innovation, knowledge transfer and entrepreneurship, we held the first-ever PolyU InnoTech Open Day in mid-2022, which was a signature event of our 85th Anniversary celebrations.

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At the Open Day, we inaugurated the PolyU Academy for Interdisciplinary Research (PAIR). PAIR is probably the largest research platform of its kind in Hong Kong and the GBA. Comprising 16 research institutes and centres with over 450 highly qualified researchers, PAIR conducts interdisciplinary research to meet societal needs for safer food, improved health, cleaner energy, smarter mobility, poverty elimination, better care for the aged population, carbon reductions, and deep space exploration. I believe the strengthening of the University's research capabilities via PAIR will help Hong Kong develop a pipeline of enviable I&T talent.

In addition to PAIR, we have also launched the Policy Research Centre for Innovation and Technology (PReCIT), which has held several forums already and gives policy recommendations on long-term issues, particularly those to do with I&T, further supporting Hong Kong's integration into the national I&T development plan.

推動創科 不遺餘力

我們致力貢獻社會，大力支持特區政府將香港發展成為大灣區內的國際創科中心，並推動香港融入國家的創科生態圈。為展示理大透過世界級的科研、創新、知識轉移和創業活動而為創科發展所作出的貢獻，我們在2022年中首次舉辦「理大創科開放日」，作為八十五周年校慶的重點活動之一。

開放日當天，香港理工大學高等研究院（PAIR）正式成立。相信PAIR是香港和大灣區內最具規模的同類型研究平台。PAIR轄下設有16所研究院和研究中心，匯聚逾450位頂尖研究人員進行跨學科研究，為不同類型的社會問題提供跨學科解決方案，包括提高食品安全、促進人類健康、製造更潔淨能源、推廣智慧出行、消除貧窮、關顧老齡人口、減少碳排放、進行深空探測等等。我相信PAIR的成立將令理大科研實力更上層樓，並為香港孕育更多優秀的創科人才。

除了PAIR之外，我們亦成立了科技及創新政策研究中心，至今研究中心已舉辦多個論壇集思廣益，並就涉及長期發展的議題，特別是有關創科議題建言獻策，支持香港進一步融入國家創科發展規劃。

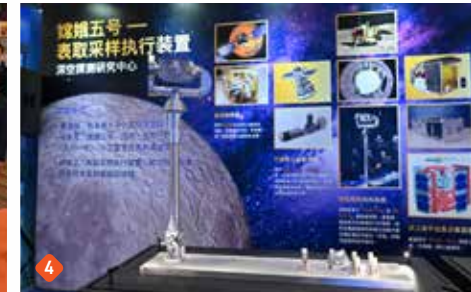


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Research excellence acknowledged at the national level

Our research capabilities were recognised when, to our great pride, we were selected to showcase our impactful research during President Xi Jinping's visit to Hong Kong in June 2022. President Xi inspected innovation and technology developments in Hong Kong, and addressed a group of representatives of local researchers, including academicians of the Chinese Academy of Sciences and the Chinese Academy of Engineering, young scientists and entrepreneurs. As one of the representatives, I had the great honour of listening to President Xi's very inspiring address. President Xi's visit demonstrated that the Central Government places great importance on Hong Kong's I&T progress as well as Hong Kong's ability to make greater contributions to the Nation's science and technology development.

卓越科研 國家肯定

2022年6月底，習近平主席訪問香港期間，理大獲邀展示具影響力的科研成果，我們的科研實力獲得肯定，實在值得自豪。習主席檢視了香港創新科技的發展現況，又向本地科研人員代表發表講話，其中包括在港的中國科學院及中國工程院院士、青年科學家及創業者。作為代表之一，我很榮幸地在現場聆聽了習主席發人深省的講話。習主席的訪問充分體現了中央政府對香港創科發展的高度重視，以及對香港為國家科技發展貢獻更多力量的深切期望。

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Unleashing students' potential

On the educational front, we have taken various steps to help students achieve their aspirations and unlock their potential. For example, we have incorporated the components of "AI and Data Analytics" and "Innovation and Entrepreneurship" into the undergraduate curriculum, empowering our students for the Industry 4.0 era. To strengthen the all-round development of students and their sense of national identity, undergraduate students must also now take a subject in the area of Chinese history and culture.

培育學生 發展潛能

在教育方面，我們通過多項舉措協助學生實踐抱負、發揮潛能。例如我們將「人工智能和數據分析」與「創新及創業」兩大新元素納入本科生課程，裝備學生迎接工業4.0時代的挑戰。為加強學生的全人發展和家國情懷，我們的本科生亦必須修讀中國歷史和文化相關課程。

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To nurture the next generation of researchers and innovators, we have continued to promote the Undergraduate Research and Innovation Scheme (URIS), designed to strengthen academic curiosity and inquiry-based learning among undergraduate students. Under URIS, undergraduate students are given opportunities and funding to undertake individual or group scientific research projects under the supervision of academic staff.

To further enhance research competency among students, a Residential College (RC) with the theme of "Achieving Academic and Research Excellence through Inquiry-based Learning" has also been established. Successful URIS applicants receive priority admission to the RC.

Furthermore, the University has introduced the Special Talents Admission and Recognition Scheme (STARS) to nurture future-ready young talents with diverse strengths. In particular, students with exceptional talents in either Sports, Arts and Culture, Leadership and Community Services, or STEM will receive strong support for their holistic development through the STARS Residential College and scholarships.

為培育新一代的科研創新人員，我們亦繼續推行「本科生科研計劃」，引導本科生以問求學，探微求真。透過這項計劃，本科生可獲得參與研究的機會和資助，並在學者指導下以個人或小組形式進行科研項目。

為進一步加強學生的研究能力，我們在宿舍成立了「創新書院」，書院以「通過探究式學習達致學術與科研卓越」為目標，並會優先取錄「本科生科研計劃」的學生。

此外，理大推出「德藝計劃」，栽培在學術領域以外具有特定專長的年輕人，特別是在體育、藝術文化、領導才能、社會服務，或在STEM學科上表現卓越的學生，培育他們成為明日專才。這些學生可入住「德藝書院」和獲頒獎學金，理大會全力支持他們的多元發展。



A memorable series of celebrations

Over the past year, we held a variety of meaningful activities to celebrate our landmark 85th Anniversary. A few highlights include the Main Entrance unveiling ceremony, the public lecture on knowledge and self-cultivation by Emeritus Professor Poon Chung-kwong, the public lecture titled "Splashing for Lights, Chasing our Dreams" by Olympic Gold Medallist and world diving champion Ms Guo Jingjing, the Sharing Session featuring Tokyo 2020 Mainland Olympians, the InnoTech Open Day, the Art and Culture series, the Student Talent Week, various alumni homecoming activities, and many more. On behalf of the University, I express my sincere gratitude to all members of the PolyU community who worked very hard to organise these memorable events.

A further highlight of our Anniversary was the making of the theme song to reflect PolyU's commitment across the generations to become a leading university with impactful contributions. Premiering at the 85th Anniversary Launch Ceremony, the theme song was the result of the joint efforts of PolyU members, under the leadership of Music Director Mr Leung Kin-fung, who is the Artistic Director and Conductor of the PolyU Orchestra. The theme song was played at many of our Anniversary events and has been very well received by the PolyU community.

校慶活動 難以忘懷

過去一年，大學舉辦了各式各樣饒富意義的活動慶祝建校八十五周年，包括主校門揭幕典禮、榮休校長潘宗光教授主講的「學問與修養」公開講座、奧運金牌得主及世界跳水冠軍郭晶晶女士主講的「撥水見光 追逐夢想」公開講座、東京2020奧運會國家隊奧運健兒到訪理大、創科開放日、藝術及文化系列、學生才藝周、多個校友活動等等。我謹代表大學向所有籌辦這些難忘活動的理大成員致以衷心感謝。

校慶的另一亮點是校慶主題曲，它譜出理大幾代人堅守使命，矢志成為領先大學、貢獻社會的承諾。該主題曲由理大成員合力創作，由理大管弦樂團藝術總監及指揮梁建楓先生擔任音樂總監，並在八十五周年校慶啟動禮上首演。校慶主題曲在多個校慶活動上昂然高奏，深受理大社群歡迎。



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Striving to achieve excellence together

The University's accomplishments over the years are due to PolyU members and our supporters working together. I would therefore like to express my utmost appreciation for the unfailing support given to us over the years by the Central Government, the Hong Kong SAR Government, our alumni, our donors, our industry collaborators as well as our friends and supporters in the community. My sincerest gratitude also goes to our current and former Council and Court chairmen and members, our predecessors who have laid a solid foundation for the University, as well as our staff, students and alumni.

With the continued backing of the entire PolyU family, I am sure our University will continue to reach new heights and make even greater contributions for the betterment of society.

Professor Jin-Guang Teng, JP
President

努力不懈 共創非凡

本校經過多年發展，取得卓越的成就，實有賴理大成員及支持者同心同德，群策群力。一直以來，理大得到中央政府、香港特區政府、眾多校友、捐助者、業界合作夥伴，以及社會各界友好的支持和鼓勵，本校上下銘感五內。我也藉此機會向現任和前任校董會及顧問委員會主席和一眾成員、為大學奠下穩固根基的各位先驅者，以及本校教職員、學生和校友，深表謝意。

在理大成員的繼續支持下，我們定必再創高峰，為創造更美好的社會作出更大貢獻。

校長
滕錦光教授, JP

Central Management Team 中央管理團隊



Professor Wing-tak Wong
Deputy President and Provost
常務及學務副校長
黃永德教授



Professor Jin-Guang Teng
President
校長
滕錦光教授



Dr Miranda Lou
Executive Vice President
行政副校長
盧麗華博士



Professor Kwok-yin Wong
Vice President (Education)
副校長 (教學)
黃國賢教授



Professor Christopher Chao
Vice President (Research and Innovation)
副校長 (研究及創新)
趙汝恒教授



Professor Ben Young
Vice President
(Student and Global Affairs)
副校長 (學生及環球事務)
楊立偉教授



Mr Simon Wong
Vice President
(Campus Development and Facilities)
副校長 (校園發展及設施管理)
黃煜新先生

Highlights of the Year

大事紀要



Highlights of the Year 大事紀要



Enhancing the undergraduate curriculum to nurture future-ready students

優化本科課程以備學生未來所需

The University announced that starting from the 2022/23 academic year, two new elements, namely Artificial Intelligence and Data Analysis (AIDA) and Innovation and Entrepreneurship (IE), will be incorporated into the General University Requirement. Furthermore, PolyU launched the Undergraduate Research and Innovation Scheme (URIS) in the summer of 2021, under which it provides funding for participating students to conduct scientific research projects. More than 110 projects have been approved for the scheme. (More on p.54-55)

理大公布自2022/23學年起，大學核心課程將加入兩大新元素——「人工智能和數據分析」及「創新及創業」。此外，理大於2021年暑期首度開展「本科生科研計劃」，讓學生獲得資助以進行科研項目。自計劃開展以來，已有超過110個項目成功通過審批。（詳見第54-55 頁）



Advancing the GBA PolyVentures 2025 initiative 推進「大灣區理大科創 2025」計劃

The University signed a memorandum of understanding with three strategic partners, namely Hai Robotics, Everbright Limited and StartupHK Fund, to further advance the GBA PolyVentures 2025 initiative. The initiative, which was rolled out in partnership with industry and investors, leverages PolyU's experience in innovation and entrepreneurship education to provide the necessary support to nurture deep tech ventures and accelerate their growth. It aims to facilitate the transfer of research excellence into societal impact to contribute to the development of innovation and technology in the Greater Bay Area (GBA).

理大與三家策略夥伴，包括海柔創新、光大控股及香港再出發創科基金，分別簽署合作備忘錄，進一步推動「大灣區理大科創2025」計劃。理大夥拍業界和投資者推行該計劃，透過理大在創新創業教育的經驗，培育深科技初創企業，並提供所需支援，加速它們的成長，將科研成果應用於社會，從而為大灣區創科發展作出貢獻。



Celebrating National Day 齊賀國慶

The University held a flag-raising ceremony on campus in celebration of the 72nd anniversary of the founding of the People's Republic of China.

理大於校園舉行升旗儀式慶祝中華人民共和國成立72周年國慶。

Two distinguished individuals conferred honorary doctorates 頒授榮譽博士學位予兩位傑出人士

PolyU announced the conferment of 2021/22 honorary doctorates upon two distinguished individuals in recognition of their outstanding achievements in their respective professions:

理大宣布頒授2021/22年度榮譽博士學位予兩位傑出人士，以表彰其在相關專業領域的重要成就：



Mr Cheung Ka-long

張家朗先生

Olympic Gold Medalist in Men's Foil Fencing (Individual) at the Tokyo 2020 Olympic Games
2020 年東京奧運會男子（個人）花劍比賽冠軍



Professor Yang Mengfei

楊孟飛院士

Researcher at the China Academy of Space Technology, Life Fellow of the International Academy of Astronautics, Academician of the Chinese Academy of Sciences
中國空間技術研究院研究員、國際宇航科學院終身院士、中國科學院院士



Jiangsu-Hong Kong-Macao University Alliance officially inaugurated 蘇港澳高校合作聯盟成立

The Jiangsu-Hong Kong-Macao University Alliance (JHMUA) jointly established by Nanjing University, PolyU and the University of Macau, was officially inaugurated. The Alliance aims to leverage the advantages of institutions in Jiangsu Province, Hong Kong and Macau to strengthen exchanges and

collaboration in talent cultivation and research in innovation and technology. The JHMUA now has 33 institutional members. (More on p.114)

由南京大學、理大及澳門大學三校共同創立的「蘇港澳高校合作聯盟」正式成立。聯盟的成立旨在發揮江蘇省、香港及澳門三地大學的優勢，進一步加強在人才培育及創新科技研究等領域的交流與合作。至今聯盟已有 33 所高校加入為成員。（詳見第 114 頁）



PolyU admits sports talents through UGC's SALSA Scheme 參與「學生運動員學習支援及入學計劃」支援體壇精英

Eleven elite student athletes are expected to join PolyU under the Student-Athlete Learning Support and Admission Scheme (SALSA), launched by the University Grants Committee (UGC) in the 2022/23 academic year. The University is committed to providing full support for outstanding student-athletes who aspire to pursue dual-track career development. (More on p.57)

大學教育資助委員會在2022/23學年推出「學生運動員學習支援及入學計劃」；11名體壇健將將透過該計劃入讀理大。理大將繼續全力支持優秀的學生運動員兼顧學業與體育事業，以作雙軌發展。(詳見第57頁)



PolyU sets up three research centres under InnoHK Cluster 理大於創新香港研發平台設三所科研中心

The Hong Kong SAR Government officially launched the InnoHK initiative, which aims to develop Hong Kong as a hub for global research collaboration. Under this landmark initiative, PolyU has joined forces with world-leading institutions to establish three research centres, namely the Laboratory for Artificial Intelligence in Design (AiDLab), the Centre for Advances in Reliability and Safety (CAIRS), and the Centre for Eye and Vision Research (CEVR). (More on p.80)

香港特區政府正式啟動「創新香港研發平台」，目標是促進香港成為全球科研合作中心。在該創科旗艦項目下，理大與世界知名學府合作設立了三所科研中心：人工智能設計研究所、產品可靠性暨系統安全研發中心和眼視覺研究中心。(詳見第80頁)



Service-Learning initiative wins international education award 服務學習獲頒國際教學獎

PolyU incorporated a Service-Learning component into its undergraduate curriculum to meet the needs of today's society for adaptable, socially responsible, and civic-minded professionals. The success of the pedagogy was recognised when the University received the Times Higher Education Awards Asia 2022: Teaching and Learning Strategy of the Year Award. (More on p.58)

理大將服務學習元素加入本科生的核心課程，培育學生成為具適應力、社會責任感和公民意識的專業人才，切合現代社會所需。在2022年泰晤士高等教育亞洲大獎中，理大獲頒「教與學策略獎」，印證了這個卓有成效的教學理念得到國際認同。(詳見第58頁)



Library extended and revitalised 圖書館擴建和翻新

Part of the extension and revitalisation project of the library has been completed. The project involves the construction of a new floor to create 2,080m² net operational floor area of library space, as well as revitalising existing floors in the library building to transform the library into a modern learning hub. (More on p.63)

圖書館擴建和翻新工程已局部完成。本項目主要為圖書館加建一樓層，其淨作業樓面面積達2,080平方米，同時翻新圖書館的現有樓層，優化為現代化學習中心。(詳見第63頁)

85th Anniversary Festivities

八十五周年校慶活動



85th Anniversary Launch Ceremony

A year-long programme in celebration of the University's 85th Anniversary commenced with a launch ceremony held in November 2021. The Ceremony was officiated by Guest-of-Honour Mrs Carrie Lam Cheng Yuet-ngor, the then Chief Executive of the Hong Kong SAR; Mr Liu Guangyuan, Commissioner of the Ministry of Foreign Affairs in the HKSAR; Professor Tan Tieniu, the then Deputy Director of the Liaison Office of the Central People's Government in the HKSAR; Professor Jiang Jianxiang, the then Director-General of the Department of Educational, Scientific and Technological Affairs of the Liaison Office; Mr Kevin Yeung, the then Secretary for Education; and Mr Carlson Tong, Chairman of the University Grants Committee.

During the year, a wide range of events were organised, including an Art and Culture series, forums, distinguished lectures and alumni activities, with enthusiastic participation from PolyU students, staff, alumni, friends and supporters.

八十五周年校慶活動啟動禮

理大八十五周年校慶活動啟動禮於2021年11月舉行，時任香港特別行政區行政長官林鄭月娥女士、外交部駐香港特別行政區特派員公署特派員劉光源先生、時任中央人民政府駐香港特別行政區聯絡辦公室（中聯辦）副主任譚鐵牛院士、時任中聯辦教科部部長蔣建湘教授、時任教育局局長楊潤雄先生，以及大學教育資助委員會主席唐家成先生蒞臨主禮，標誌着為期一年的慶祝活動正式展開。

年內，大學舉辦了各式各樣的活動，包括藝術及文化系列節目、論壇、傑出學人講座及校友活動等，理大學生、教職員、校友、各界友好及支持者亦積極參與。

85th Anniversary Theme Song — a joint effort of PolyU members

One of the signature initiatives of the 85th Anniversary was the creation of the theme song to reflect PolyU's commitment across the generations to become a leading university making impactful contributions.

85th Anniversary Theme Song 八十五周年校慶主題曲

理大校園，有你我足跡
紅磚牆下，求學不畏艱辛
在這裏，立德修身
在這裏，探微求真
志存高遠，開物可成務
心繫家國，勵學以利民

星河遙遙，無畏
歲月悠悠，奮進
八十五載風雲，砥礪前行
星河遙遙，無畏
歲月悠悠，奮進
八十五載風雲，不忘初心，砥礪前行

理大社群攜手呈獻八十五周年校慶主題曲

校慶的其中一個標誌性活動，是理大社群合力創作八十五周年校慶主題曲，憑歌寄意，譜出大學一路走來，始終堅守使命，矢志成為世界領先大學，貢獻社會。

Music Director 音樂總監： Leung Kin-fung 梁建楓

Lyrics by 作詞：
Paul Lee (Alumnus) 李嘉祺 (校友)
Chen Zhuoan (PhD student) 陳卓安 (博士生)

Song composed by 作曲：
Steph Lau (Alumna) 劉紫君 (校友)
Eagle Chan (Alumnus) 陳天翱 (校友)

Arrangers 編曲：
PolyU Choir 理大合唱團、
FHKPUAA Chinese Orchestra 理大校友會聯會中樂團：
Ng Cheuk-yin 伍卓賢
PolyU Orchestra 理大管弦樂團：
Lee Che-yi 李哲藝



Mr Leung Kin-fung
梁建楓先生



Mr Alex Tam
譚天樂先生

▲ The theme song was performed for the first time at the 85th Anniversary Launch Ceremony by the PolyU Orchestra and the PolyU Choir, respectively conducted by Mr Leung Kin-fung and Mr Alex Tam. 梁建楓先生與譚天樂先生分別指揮理大管弦樂團及理大合唱團，在八十五周年校慶活動啟動禮上為校慶主題曲作首演。



PolyU InnoTech Open Day

As a signature event of PolyU's 85th Anniversary celebrations, the first-ever PolyU InnoTech Open Day was held on campus to showcase the University's efforts to promote Innovation and Technology (I&T). The event was officiated by Professor Sun Dong, Secretary for Innovation, Technology and Industry of the HKSAR Government, and attended by PolyU members, government officials, entrepreneurs, industry partners, startups, researchers, and young talents, as well as prospective university students and their parents.

Supported by 19 key organisations in Hong Kong's I&T ecosystem, the Open Day covered a wide array of activities such as breakout sessions, exhibitions, guided tours of campus facilities and information seminars for prospective students, as well as a virtual seminar given by the 2020 Nobel Laureate in Physiology or Medicine Sir Michael Houghton. All activities were well-received.

理大創科開放日

「理大創科開放日」展示了理大在推動創科發展方面的成果，是理大八十五周年校慶的重點活動之一。開放日啟動禮由香港特別行政區政府創新科技及工業局局長孫東教授主持，與會者包括理大成員、政府官員、企業家、業界夥伴、初創企業、研究人員、年青人才，以及不少有意報讀理大的學生和他們的家長。

開放日獲得19間在本地創科生態圈中舉足輕重的機構支持，涵蓋多項活動，包括分組專題會議、展覽、理大校園設施導賞團、入學資訊講座等。諾貝爾生理學或醫學獎得主邁克爾·霍頓爵士更透過視像形式主持講座。參加者踴躍參與各項活動。





A new chapter for PolyU with the unveiling of the Main Entrance 主校門揭幕象徵理大踏上新里程

The University hosted the Main Entrance Unveiling Ceremony, marking another milestone in the University's development. More than 600 distinguished guests, alumni, staff and students joined Mr John K. C. Lee, Chief Executive of the HKSAR and Chancellor of PolyU; Dr Lam Tai-fai, PolyU Council Chairman; and Professor Jin-Guang Teng, President, to celebrate the joyful event in August 2022. The main entrance manifests PolyU's continuous pursuit of excellence, taking its world-class education and research into a new era.

理大於2022年8月舉行主校門揭幕典禮，標誌着大學發展的一個里程碑。香港特別行政區行政長官兼理大校監李家超先生、理大校董會主席林大輝博士、理大校長滕錦光教授聯同超過六百位嘉賓、校友、教職員和學生，一同參與揭幕儀式，分享喜悅。主校門揭幕象徵理大將秉承享譽國際的教育和科研成就，繼往開來，開展新篇章。



Mr Lee said PolyU has been a driving force for Hong Kong and the Nation's scientific research and technological advancement. He added that the University has kept up with the pace of society as it advances its developments in education and innovation.



李家超先生指出，理大一直是香港以至國家科研和創科發展的重要力量，在推動教育和創科發展方面也一直與時並進。

The unveiling was also witnessed by dignitaries including Mr Eric Chan Kwok-ki, Chief Secretary for Administration; Dr Zhang Zhihua, Director General of the Youth Department of the Liaison Office of the Central People's Government in the Hong Kong SAR; Members of the Executive Council and the Legislative Council; Mr Carlson Tong, Chairman of the University Grants Committee; chairmen and presidents of other local universities; and PolyU's Council and Court members, and senior management.

在典禮上，政務司司長陳國基先生、中央人民政府駐香港特別行政區聯絡辦公室青年工作部部長張志華博士、多位行政會議及立法會議員、大學教育資助委員會主席唐家成先生、一眾本地大專院校的校董會主席和校長等社會賢達，以及理大校董會及顧問委員會成員和理大領導層，也共同見證了主校門的啟用。





Sharing session by Mainland Olympians delegation

China achieved great success at the Tokyo 2020 Olympic Games. In December 2021, six Olympians from the national team visited PolyU, sharing the ups and downs in their quest to be medallists with students and staff, as well as Hong Kong citizens. The event was also attended by Ms Yang Ning, Deputy Director of the General Administration of Sport of China; and Dr Zhang Zhihua, Director General of the Youth Department of the Liaison Office of the Central People's Government in the Hong Kong SAR. The delegation included:

- Cui Xiaotong (rower, gold medalist in women's quadruple sculls)
- Lu Xiaojun (weightlifter, gold medalist)
- Ma Long (the first five-time Olympic gold medalist in table tennis)
- Su Bingtian (sprinter, Asian recorder holder)
- Sun Yiwu (fencer, gold medalist)
- Wang Aimin (swimming coach)

內地奧運健兒到訪 分享奮鬥故事

中國國家隊在東京2020奧運會成績斐然。2021年12月，六位國家隊奧運代表蒞臨理大，與師生和廣大香港市民分享其奮鬥歷程。國家體育總局楊寧副局長及中央人民政府駐香港特別行政區聯絡辦公室青年工作部部長張志華博士亦出席活動。訪問團成員包括：

- 崔曉桐（划艇女子四人雙槳金牌得主）
- 呂小軍（舉重金牌得主）
- 馬龍（奧運首位乒乓球五金得主）
- 蘇炳添（短跑運動員兼亞洲紀錄保持者）
- 孫一文（重劍冠軍）
- 王愛民（國家游泳隊教練）



Sportathon unites staff, students and alumni for sporting fun

More than 1,800 staff, students, alumni and their family members enjoyed the fun and excitement of sport at the PolyU 85th Anniversary Sportathon. The event, which was held on campus, featured a wide range of game booths and sports competitions, as well as a variety of spectacular sports performances by student-athletes, including artistic cycling, rope skipping, karatedo and taekwondo.

師生校友聚首校園享受運動樂

逾一千八百名教師、職員、學生、校友及其家人匯聚校園參加「理大八十五周年運動樂」，一同參與各類緊張刺激、趣味盎然的運動項目，共賀校慶。當日大會除了安排多個遊戲及比賽外，還有學生運動員精心呈獻各項表演，包括花式單車、花式跳繩、空手道、跆拳道等，令在場觀眾目不暇給。



PolyU Power Up Exercise

To promote health and wellness, the University drew on the clinical expertise of the Department of Rehabilitation Sciences to design the PolyU Power Up Exercise. The Exercise was featured in a demonstration video, which used the 85th Anniversary Theme Song as background music.

理大 Power Up 健帶操

為了推廣身心健康，大學邀請了康復治療科學系以其臨床實踐經驗設計出「理大 Power Up 健帶操」，並配上八十五周年校慶主題曲為背景音樂，製作成示範短片。



Public lectures inspire the community

Public lectures formed a key part of the celebratory programme, all of which were well received by the PolyU community and the public.

Knowledge and Self-cultivation by President Emeritus Professor Poon Chung-kwong
榮休校長潘宗光教授主講「學問與修養」



Splashing for Lights, Chasing our Dreams by Olympic Medalist Ms Guo Jingjing
奧運金牌得主郭晶晶女士主講「撥水見光 追逐夢想」



Academic activities

To celebrate the 85th Anniversary of PolyU, different faculties and departments held a variety of academic conferences, forums and lectures, covering areas including engineering, science, finance, logistics and social sciences. Among them were:

Faculty of Business
商學院

- Digital Transformation Frontiers Online Forum: Introduction of Centralized Crypto Exchange
- Digital Transformation Frontiers Online Forum: Exploring China ESG practices and insights

公開講座啟發社會各界

公開講座是校慶其中一項重點活動，多場講座均獲理大社群及社會各界踴躍參與。

Chinese Painting Appreciation with collector and philanthropist Mr Ho Sai-chu
何世柱先生主講中國文化及藝術欣賞講座「至樂·至善·至美」



A New Vision for Carrying the Traditional Culture Forward by the Director of the Hong Kong Palace Museum Dr Louis Ng Chi-wa
香港故宮文化博物館館長吳志華博士主講「文化傳承的新視野」



學術活動

為慶祝建校八十五周年，理大各個學院和學系舉辦了多個學術會議、論壇和講座，涵蓋工程、科學、金融、物流及社會科學等範疇，其中包括：

Faculty of Construction and Environment
建設及環境學院

- Faculty of Construction and Environment: Chair Professor Inaugural Lectures
- Department of Building and Real Estate: Distinguished Lectures

Faculty of Engineering 工程學院

- Data Science & Artificial Intelligence:
 - Social Media Mining: A Bountiful Frontier in AI and Data Science
 - Social Recommendations – a historical perspective and recent advancements
 - Artificial Intelligence of Things
- Faculty of Engineering and Research Institute for Advanced Manufacturing Webinar on Carbon Neutrality
- Seeking Biodegradable Metals for Developing Class III Medical Implants for Clinical Applications – A Focus of AoE on Ageing, Skeletal Degeneration and Regeneration
- The Belt and Road Advanced Professional Development Programme in Power and Energy

Faculty of Health and Social Sciences 醫療及社會科學院

- Changing Life Stories Conference 2022: Breaking the Vicious Intergenerational Cycle of Teen Pregnancy
- School of Optometry (SO) – Research Centre for Sharp Vision (RCSV) Joint Distinguished Lecture: How the Baby Learns to See: Critical Periods Re-visited
- Eye and Vision Lecture Series:
 - SO-RS-RCSV Joint Webinar on Post-Stroke Rehabilitation
 - SO-RCSV Joint Webinar on Essential Eye Care Tips for Kids
- Department of Rehabilitation Sciences (RS) 8th Elite Alumni Seminar

Faculty of Humanities 人文學院

- Faculty of Humanities – University Research Facility in Behavioural and Systems Neuroscience Joint Distinguished Lectures:
 - How neuroimaging methods can be used to gain insights about infant cognition and language development
 - The Brain’s Infrastructure for Human Uniqueness
 - Shared Computational Principles for Language Processing in Humans and Deep Language Models
- Geo-Narratives of a Filial Son: The Paintings and Travel Diaries of Huang Xiangjian (1609–1673)
- Riding Out the Pandemic:
 - Professional Virtues in the Digital World: Slow Ethics for Social Work during COVID-19
 - Social Work Practice during COVID-19: Navigating Client Needs and Boundary Changes
- Faculty of Humanities – Faculty of Business Joint Distinguished Lecture: Venturing into Chinese culture: A pilgrim psychologist’s Journey to the West to find the City of Light in the East

- Distinguished Lectures in Humanities:
 - Good English: The Languages of Knowledge and the Knowledge of Languages
 - Rethinking Environmental Issues: the case for intergenerational equity
 - The Democratization and Technologization of Expertise and their Consequences

Faculty of Science 理學院

- Department of Applied Mathematics (AMA) 50th Anniversary Distinguished Lecture Series
- CAS AMSS-PolyU JLab of Applied Mathematics Distinguished Lectures:
 - Some Recent Progress for Continuous-time Reinforcement Learning and Convergence Rate
 - Modelling Moving Contact Lines on Elastic Sheets
- Big Data Use in Cyber Security Operation and IOT Analytics
- A Mathematical Perspective on Machine Learning
- Efficient and Trustworthy AI and Its Applications to 5G Networks

School of Design 設計學院

- Material Talk Series:
 - RE: think-The Revolutionary Sustainable Solution In The Plastic Industry
 - How the Colors Communicate
 - Wall system in green solution

School of Hotel and Tourism Management

酒店及旅遊業管理學院

- Fifth Global Tourism and Hospitality Conference

PolyU Academy for Interdisciplinary Research

理大高等研究院

- Distinguished Lecture Series:
 - Lighting the Way with Interdisciplinary Research since 1868
 - The Future of Global Universities
 - On Geospatial Information Science in the Era of IoT
- RIAIoT Distinguished Speaker Series: Edge Computing for Dependable Internet of Things
- Distinguished Lecture – Blue Map for Zero Carbon
- RISE Distinguished Lecture Series

Graduate School

研究生院

- The Challenge of ML-Enabled Cyber-Physical Systems

PolyU 85th Anniversary Art and Culture Series

理大八十五周年藝術及文化系列

The PolyU 85th Anniversary Art and Culture Series aims to enrich PolyU's whole-person education and cultural engagement. It featured renowned and talented artists from Hong Kong and around the world to inspire appreciation for a broad array of art and culture on campus and in the community.

「理大八十五周年藝術及文化系列」旨在促進理大的全人教育，並營造濃厚的文化氛圍。理大透過與香港以至世界各地的著名藝術家合作，推動大學社群及社區欣賞多元藝術與文化。



Love of the Seventh Fairy Maiden

The first performance of the Series, "PolyU Cantonese Opera Appreciation — Love of the Seventh Fairy Maiden", was staged at the Xiqu Centre at the West Kowloon Cultural District in December 2021. Featuring the highly acclaimed artist Dr Liza Wang Ming-chun, who is also a PolyU University Fellow and the 2020/21 Artist-in-Residence, the performance attracted more than 700 members from the University community.



《天仙配》

該系列的首項活動是「理大粵劇欣賞—《天仙配》」，由著名藝術家、本校大學院士及2020/21年度的駐校藝術家汪明荃博士領銜演出。該活動於2021年12月在西九文化區戲曲中心隆重舉行，吸引了逾七百名大學成員到場觀賞。

PolyU Alumni Band Concert

理大校友樂隊音樂會



Student Talent Night

學生才藝之夜



Street Dance Performance by Youth Outreach

協青社街舞表演



Drama Production "Our Town" by PolyU Theatre

理大劇團公演《小城風光》



Strengthening the ties with alumni

The University, with the support of alumni associations and departments, organised various campus tours for local and Mainland alumni, welcoming their return to their alma mater, and sharing PolyU's developments and achievements with them.



加強校友聯繫

在校友會及各學系的支持下，理大舉辦了多個校園導賞遊，歡迎本地和內地校友回到母校，並了解理大的發展和成就。





“The Power of Passion” — A concert by the PolyU Orchestra and PolyU Choir

Hundreds of music lovers packed the Jockey Club Auditorium for a feast of classical music performed by the PolyU Orchestra and PolyU Choir, led by Mr Leung Kin-fung, Artistic Director and Conductor of the PolyU Orchestra, and Mr Alex Tam, Conductor of the PolyU Choir.

FHKPUAA Chinese Orchestra Concert

Conducted by seasoned instructor of Chinese music, Mr Wong Chi-wah, the Federation of the Hong Kong Polytechnic University Alumni Associations (FHKPUAA) Chinese Orchestra concert began with the PolyU 85th Anniversary Theme Song and included a number of captivating pieces.



理大管弦樂團及合唱團音樂會 The Power of Passion

由藝術總監及指揮梁建楓先生帶領的理大管弦樂團，以及由指揮譚天樂先生帶領的理大合唱團共同呈獻The Power of Passion音樂會，數以百計的樂迷匯聚賽馬會綜藝館，欣賞精彩演出。

理大校友會聯會中樂團音樂會

理大校友會聯會音樂會由資深國樂導師汪熾華先生指揮，以理大八十五周年校慶主題曲揭開序幕，並演奏了多首醉人樂曲。

PolyU 85th Anniversary Grand Concert

Directed by world-class musician Mr Leung Kin-fung (PolyU Fellow), the PolyU 85th Anniversary Grand Concert brought together the city's and the world's renowned artists, including Hong Kong's diva Dr Liza Wang Ming-chun (PolyU Fellow); renowned violinist Ms Yao Jue (PolyU Fellow); Virtuoso of Guzheng Dr Lunlun Zou (PolyU Fellow); renowned pianist Dr Cheng Wai; Erhu Master Guogan; nationally acclaimed singer and opera artist Ms Sophie Chen as well as aspiring music talents from the Hong Kong Academy for Performing Arts and the PolyU community – PolyU Orchestra, PolyU Choir and the Federation of PolyU Alumni Associations Chinese Orchestra.

Themed around PolyU's four phases of development, the Concert was part of the grand finale programme of our celebrations. It was held to promote art and culture on campus and in the community, and to further support special talent development at PolyU.

理大八十五周年校慶音樂會

理大八十五周年校慶音樂會由世界一流音樂家梁建楓先生（理大院士）擔任音樂總監，匯聚多位本地及國際知名藝術家，包括香港著名表演藝術家汪明荃博士（理大院士）、世界知名小提琴演奏家姚珏女士（理大院士）、古箏名家鄒倫倫博士（理大院士）、著名鋼琴家鄭慧博士、二胡大師果敢先生、國內知名歌唱家陳倩倩女士，以及一眾來自香港演藝學院、理大管弦樂團、理大合唱團和理大校友會聯會中樂團的音樂人才，為觀眾演繹多首動人樂曲。

校慶音樂會以理大四個階段的發展為主題，是校慶的壓軸活動之一，旨在於校園和社區推廣藝術和文化，並進一步支持理大培育具備特別才能學生的發展。





PolyU 85th Anniversary Celebration Dinner

On PolyU's Anniversary day, a celebration dinner was held at Hotel ICON. Honourable guests including community leaders, government officials, and industry partners joined PolyU staff, students, and alumni at the event that marked the finale of the University's year-long Anniversary celebrations.

理大八十五周年校慶晚宴

校慶當日，理大在唯港薈舉行校慶晚宴，與社會賢達、政府官員、業界夥伴以及師生校友等，見證一年來的慶祝活動圓滿結束。



Mr Cheuk Wing-hing, Deputy Chief Secretary for Administration of the HKSAR; Dr Choi Yuk-lin, Secretary for Education of the HKSAR; Ms Wan Ning, Deputy Director General of the Youth Department of the Liaison Office of the Central People's Government in the HKSAR; Dr Lam Tai-fai, PolyU Council Chairman; Professor Jin-Guang Teng, PolyU President, and senior members of the PolyU Council, University Court and central management officiated the evening event.

香港特別行政區政務司副司長卓永興先生、特區政府教育局局長蔡若蓮博士、中央人民政府駐香港特別行政區聯絡辦公室青年工作部副部長萬寧女士，與理大校董會主席林大輝博士、校長滕錦光教授，以及理大校董會、大學顧問委員會及大學高層，共同主持啟動儀式。

Earlier in the day, PolyU held the University anniversary day flag-raising ceremony on campus, attended by over 500 members of the PolyU community.

當日早上，理大在校園內舉行了校慶日升旗儀式，有超過500位理大成員出席。



Major Donations 主要捐款



Otto Poon Charitable Foundation supports the establishment of two research institutes
潘樂陶慈善基金捐助成立兩所研究院

Thanks to a generous donation from the Otto Poon Charitable Foundation, PolyU established two research institutes to support the University's research endeavours in the areas of smart cities and sustainable energy. The two research institutes are named the Otto Poon Charitable Foundation Smart Cities Research Institute and the Otto Poon Charitable Foundation Research Institute for Smart Energy, in appreciation of the Foundation's significant contributions.

理大感謝潘樂陶慈善基金慷慨捐款，得以成立兩所研究院，以支持大學在智慧城市、智慧和可持續能源的相關研究工作。兩所研究院分別命名為潘樂陶慈善基金智慧城市研究院及潘樂陶慈善基金智慧能源研究院，以表彰基金對大學的支持。



Lee Wan Keung Charity Foundation supports PolyU in nurturing young researchers
李運強恒善有限公司支持理大培育年輕科研人才

The University received a generous donation from the Lee Wan Keung Charity Foundation to support the Undergraduate Research and Innovation Scheme, which provides the opportunity for full-time undergraduate students to conduct research projects under the supervision of PolyU scholars, and to develop their high-order thinking skills, such as logical, creative and critical thinking.

李運強恒善有限公司慷慨捐助理大，支持「本科生研究及創新計劃」，讓全日制本科生有機會在理大學者的指導下進行研究項目，同時培養邏輯思維、創意及慎思明辨等思考能力。



Partnering with foundations to promote Service-Learning in secondary schools
與慈善基金合作在中學推動服務學習

PolyU partnered with the Chow Tai Fook Charity Foundation and Keswick Foundation to launch a three-year research project entitled "Capacity Building Scheme for Secondary School Teachers: Promoting Meaningful Social Engagement for Young People through Service-Learning". The project was made possible due to a generous donation from the two foundations.

理大獲得周大福慈善基金和凱瑟克基金慷慨捐助，開展為期三年的中學教師服務學習培訓計劃，旨在於中學推廣服務學習，提升教師推行服務學習的能力，讓青年人透過參與有意義的社會服務，增強社會公民責任感。



Bamboo Court named after generous couple
善長冠名秀竹苑

The Bamboo Court on the PolyU campus has been named after Mr Cheung Che-man and Mrs Cheung Kwok Yuen-ho in appreciation of the generous donation made by the couple in support of the University's holistic education and advanced research.

張志民先生伉儷慷慨捐款支持大學發展，並支持理大的全人教育和先進研究。為表揚他們的熱心支持，理大將校園內的秀竹苑命名為「張志民郭潤好伉儷秀竹苑」。

Seven new endowed positions established 新設七個勵學教席

Seven new endowed positions have been established during the year, including four Endowed Professorships to honour distinguished scholars at PolyU for their outstanding academic and research achievements, and three Endowed Young Scholar positions to support promising early-career academics.

年內新成立了七個勵學教席，包括四個勵學教授席，以表揚理大學者在學術及研究上的卓越成就，以及三個勵學青年學者席，以支持優秀青年學者。

(In alphabetical order of disciplines 以學術範疇英文名稱排序)

- **Hong Kong Sustaintech Foundation Endowed Professorship in Accounting and Finance**
香港可持續技術基金會會計及金融教授席



Mr Adrian Wang (left), Chairman of Hong Kong Sustaintech Foundation, and Professor Lu Haitian (right), Hong Kong Sustaintech Foundation Professor in Accounting and Finance
香港可持續技術基金會主席王秉中先生（左）與香港可持續技術基金會會計及金融教授陸海天教授（右）

Hong Kong Sustaintech Foundation made a generous donation for an Endowed Professorship to support PolyU's ongoing research contribution in the area of sustainable development. Professor Lu Haitian, School of Accounting and Finance was appointed as Hong Kong Sustaintech Foundation Professor in Accounting and Finance.

由香港可持續技術基金會捐款支持的勵學教授席，旨在支持理大深入研究在會計及金融領域中的可持續發展機遇。會計及金融學院陸海天教授獲委任為「香港可持續技術基金會會計及金融教授」。

- **Peter Hung Endowed Professorship in Pain Management**
洪克協痛症管理教授席



Mr Peter Hung Hak-hip (left), Founder of H H Hung Charitable Foundation, and Professor Amy Fu (right), Peter Hung Endowed Professor in Pain Management
洪克協慈善基金創辦人洪克協先生（左）與洪克協痛症管理教授符少娥教授（右）

H H Hung Charitable Foundation made a donation to establish the Peter Hung Endowed Professorship in Pain Management. Professor Amy Fu, Associate Head, Department of Rehabilitation Sciences and Director of PolyU Rehabilitation Clinic, was appointed as Peter Hung Professor in Pain Management, with the aim of supporting research on effective and affordable pain treatments.

洪克協慈善基金慷慨捐款設立勵學教授席，由康復治療科學系副系主任、理大康復治療診所總監符少娥教授出任「洪克協痛症管理教授」，以支持研發經濟上可負擔的有效痛症療法。

- **Wong Tit Shing Endowed Young Scholar in Smart Robotics**
黃鐵城智能機器人青年學者席



Ir Dr Wong Tit-shing (left), Chairman and Founder of Jetta Company Limited, and Ir Dr Zheng Pai (right), Wong Tit Shing Young Scholar in Smart Robotics
鎮泰有限公司主席及創辦人黃鐵城博士、工程師（左）與黃鐵城智能機器人青年學者鄭湃博士、工程師（右）

Following a generous donation from the Chairman and Founder of Jetta Company Limited Ir Dr Wong Tit-shing, Ir Dr Zheng Pai, Assistant Professor, Department of Industrial and Systems Engineering, was appointed as Wong Tit Shing Young Scholar in Smart Robotics.

黃鐵城博士、工程師慷慨捐贈勵學青年學者席，而工業及系統工程學系助理教授鄭湃博士、工程師獲委任為「黃鐵城智能機器人青年學者」。

- **Thetos Foundation Endowed Young Scholar in Social Services**
賦勵慈善基金社會服務青年學者席

Mr Charles To (left), Chairman of Thetos Foundation, and Dr Ada Fung (right), Thetos Foundation Young Scholar in Social Services
賦勵慈善基金主席杜軒榮律師（左）與賦勵慈善基金社會服務青年學者馮慧東博士（右）



Dr Ada Fung, Assistant Professor, Department of Applied Social Sciences, was appointed as Thetos Foundation Young Scholar in Social Services. This position established by the Thetos Foundation aims to support young researchers who are devoted to serving the community.

應用社會科學系助理教授馮慧東博士獲委任為「賦勵慈善基金社會服務青年學者」。此學者席由賦勵慈善基金捐贈，旨在支持有志在社會服務方面作出貢獻的理大青年學者。

- **Fiona Cheung Endowed Professorship in Spatial Science**
張心瑜空間科學教授席

Ms Fiona Cheung (left), Chairman of Forest Zone Limited, and Professor Wu Bo (right), Fiona Cheung Professor in Spatial Science
七星控股有限公司主席張心瑜女士（左）與張心瑜空間科學教授吳波教授（右）



Ms Fiona Cheung, Chairman of Forest Zone Limited, made a donation to establish the Endowed Professorship to support the University's contributions to China's space exploration projects. Professor Wu Bo, Associate Head, Department of Land Surveying and Geo-Informatics, was appointed Fiona Cheung Professor in Spatial Science.

七星控股有限公司主席張心瑜女士捐款設立勵學教授席，以支持理大為中國的太空探索任務作出貢獻。土地測量及地理資訊學系副系主任吳波教授獲委任為「張心瑜空間科學教授」。

- **Lee Family Endowed Professorship in Textiles Technologies**
李氏紡織科技教授席
- **Limin Endowed Young Scholar in Advanced Textiles Technologies**
利民先進紡織科技青年學者席

Professor Fan Jintu, Lee Family Professor in Textiles Technologies (left) and Dr Shou Dahua (right), Limin Young Scholar in Advanced Textiles Technologies
李氏紡織科技教授范金土教授（左）及利民先進紡織科技青年學者壽大華博士（右）



A generous donation from Dr Harry Lee, Chairman of TAL Apparel Limited, enabled the establishment of an Endowed Professorship and an Endowed Young Scholar position to support the advancement of textiles technologies. Professor Fan Jintu, Chair Professor of Fiber Science and Apparel Engineering, was appointed as Lee Family Professor in Textiles Technologies, and Dr Shou Dahua, Assistant Professor, School of Fashion and Textiles, was appointed as Limin Young Scholar in Advanced Textiles Technologies.

理大獲聯業製衣有限公司主席李乃熺博士慷慨捐贈，分別設立了教授席及青年學者席，以促進紡織科技發展。理大纖維科學與服裝工程講座教授范金土教授獲委任為「李氏紡織科技教授」，而時裝及紡織學院助理教授壽大華博士則獲委任為「利民先進紡織科技青年學者」。

Combating COVID-19 全力抗疫

During the reporting year, PolyU staff, students and alumni made a concerted effort to fight the COVID-19 pandemic in Hong Kong. From pandemic-related research to providing assistance on the frontlines to help those in need, PolyU members demonstrated their compassion and commitment to social responsibility.



Supporting the operation of a community vaccination centre 支持短期社區疫苗接種中心運作

A team of 300 students, teaching staff and alumni from the School of Nursing supported the operation of the Caroline Hill Road Pop-up Community Vaccination Centre, established by the Hong Kong SAR Government, in a non-profit making mode. The School's final year students assisted in the administration of vaccines under the supervision and support of teaching staff and alumni who are experienced registered nurses.

香港特區政府增設「加路連山道短期社區疫苗接種中心」，理大安排了護理學院共300位師生及校友以非牟利模式營運該接種中心，由應屆畢業生負責為市民接種疫苗，而身兼註冊護士的教員與校友則負責監督及提供協助，為社區抗疫工作出一分力。

年內，理大教職員、學生和校友同心護港，合力抗擊新冠肺炎，由流行病研究到走在前線協助需要支援的人士，滿腔熱情，貢獻力量，承擔社會責任。

New call centre on campus supports Hospital Authority's hotline 理大新建熱線中心支援醫管局服務

Motivated nursing students and teachers from the School of Nursing set up a new call centre on the PolyU campus to support the Hospital Authority's hotline service for COVID-19 patients. The centre initially provided ten hotlines for 14 hours each day, handling nearly 600 calls daily.

理大護理學院設立了熱線支援中心，師生眾志成城，支援醫管局為新冠患者而設的電話熱線服務。中心初期提供十條熱線，每天營運14小時，接聽了近600個查詢。



On-campus COVID-19 vaccination campaign for students and staff 為學生及教職員安排在校園接種新型冠狀病毒疫苗

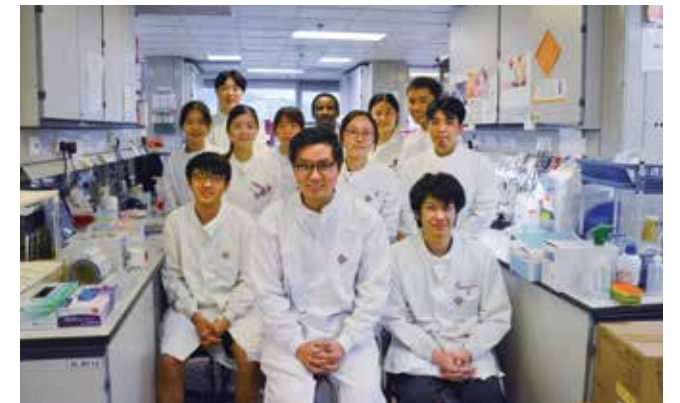
To protect the health of the University community, PolyU organised an on-campus COVID-19 vaccination campaign in July 2021 for its students and staff through the outreach vaccination service launched by the HKSAR Government.

為保障大學社群的健康，理大於2021年7月透過特區政府的外展疫苗接種計劃，為學生及教職員安排在校園接種新型冠狀病毒疫苗。

Genome sequencing helps limit spread of COVID-19 分析基因排序 助抗新冠病毒擴散

Dr Gilman Siu, Associate Professor of the Department of Health Technology and Informatics, and team members used whole viral genome sequencing of COVID-19 to identify the source of a super-spreader event and demonstrate that asymptomatic carriers of SARSCoV-2 could trigger community outbreaks. The work by the research team has provided scientific support for the Government's anti-pandemic measures and helped to close loopholes.

理大醫療科技及資訊學系副教授蕭傑恒博士與團隊成員利用病毒基因排序識別超級傳播個案的病毒源頭，指出新冠病毒的無症狀感染者可能引起病毒在社區爆發。研究團隊的工作為政府的防疫措施提供了科學數據，亦協助堵塞了防疫缺口。



World's first anti-virus 3D printing material 世界首創防病毒三維打印物料

An interdisciplinary research team led by Dr Chris Lo Kwan-yu, Associate Professor of PolyU's School of Fashion and Textiles, developed the world's first anti-virus 3D printing material that can kill COVID-19. Using 3D printing, the material can be produced in a variety of different forms. As a result, it is highly flexible and can be used extensively in public facilities to provide epidemic prevention support to the community.

由理大時裝及紡織學院副教授盧君宇博士帶領的跨學科研究團隊成功研發了全球首個可殺滅新冠病毒的防病毒三維打印物料。透過三維打印技術，該物料可以按需要製成不同形狀，因此極具彈性，並能夠廣泛應用於公共設施，支援社區防疫。



Portable nucleic acid testing device for COVID-19 便攜式新冠病毒核酸檢測儀

A PolyU interdisciplinary research team led by Professor Yip Shea-ping, Head and Professor of the Department of Health Technology and Informatics, developed a portable testing device for COVID-19. The entire test can be performed outside a laboratory and completed in 40 minutes.



由醫療科技及資訊學系教授及系主任葉社平教授帶領的理大跨學科研究團隊開發了一台便攜式新冠病毒檢測儀，使檢測可以在實驗室以外的地方進行，並於40分鐘內完成。

Ultrasensitive, portable COVID-19 antibody test developed 超靈敏便攜式新冠病毒抗體檢測儀

A research team led by Professor Yan Feng, Professor of the Department of Applied Physics, successfully developed an ultrasensitive and portable COVID-19 antibody detection sensor.

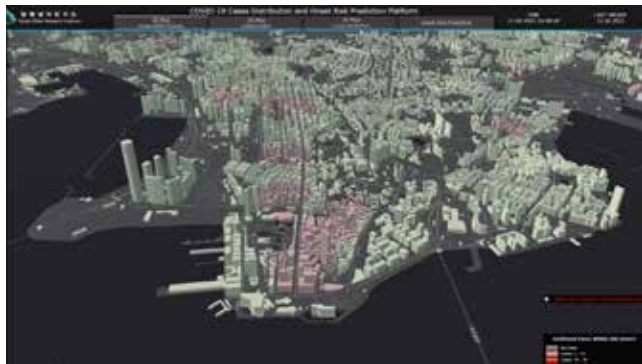
應用物理學系教授嚴鋒教授所帶領的研究團隊，成功研發了一款超靈敏的便攜式新冠病毒抗體檢測儀。



Spatiotemporal Big Data Platform supports the formulation of control strategies 時空大數據平台有助制訂更精準防控策略

Professor Shi Wenzhong, Director of the Otto Poon Charitable Foundation Smart Cities Research Institute and Chair Professor in Geographic Science and Remote Sensing, led a research team to develop an extended Weight Kernel Density Estimation Model and Spatiotemporal Big Data Platform that can show the latest developments and short-term forecasts for COVID-19 symptom onset.

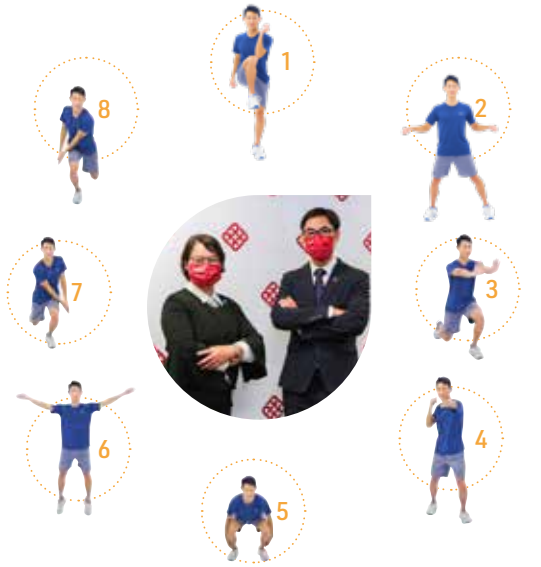
智慧城市研究院院長及地理資訊系統及遙感講座教授史文中教授及其團隊研發了一個擴展的加權核密度模型及時空大數據平台，用以展示新冠肺炎發病的最新現狀及短期預測。



PolyU develops "Rehab 8 Forms" programme to aid post-COVID recovery 理大推出「康復八式」協助重建疫後健康

A PolyU research team from the Department of Rehabilitation Sciences, led by Professor Amy Fu and Dr Arnold Wong, conducted research to assess the physical fitness, psychosocial functions and health-related quality of life of COVID-19 patients following their recovery. To help the survivors regain their health, the team developed a six-week physical training programme, "Rehab 8 Forms", which consists of eight different movements to train various muscle groups and improve cardiorespiratory and muscle performance.

理大康復治療科學系符少娥教授及黃宇樂博士領導的科研團隊，追蹤研究新冠患者康復後的健康狀態、其心理和與健康相關的生活質素。為了協助他們重拾健康，理大團隊特別設計了一套為期六周的訓練計劃「康復八式」，由八種動作組成，以鍛煉全身不同肌肉組群、促進心肺功能和強化肌肉。



Research on COVID-19 PTSD symptoms among citizens 研究港人疫情創傷後遺症徵狀

A research team from the University's Mental Health Research Centre conducted a mixed-method study to identify the impact of the pandemic on Hong Kong people's mental health. The study found that more than one in ten elderly respondents had post-traumatic stress disorder (PTSD) symptoms, while most of this demographic felt worried, helpless or depressed, with some also experiencing frustration.

理大精神健康研究中心的研究團隊進行了一項混合式研究，了解疫情對市民的精神健康的影響。該研究發現超過一成受訪長者可能存在創傷後遺症，而大部分長者感到擔心、無助、憂鬱，有個別長者更表示沮喪。

Controlling the spread of COVID-19 through contact tracing 通過接觸追蹤 控制新冠病毒傳播

To help control the spread of COVID-19 when Hong Kong's borders reopen, Professor Chen Wu, Head and Professor of the Department of Land Surveying and Geo-Informatics, and his research team studied the effectiveness of the contact tracing integrated policy in different scenarios.

為能在恢復通關後有效控制新冠病毒的傳播，土地測量及地理資訊學系系主任陳武教授及其研究團隊模擬在不同情況下將現有防疫措施加入追蹤接觸。



Anti-epidemic platform co-created to provide useful resources

共創抗疫平台 共享實用資源

In partnership with social services organisations and professional bodies, the Department of Applied Social Sciences mobilised its students, staff and alumni to provide a wide range of valuable resources to the community on an online anti-epidemic platform, “One Stop Shop”.

理大應用社會科學系與多家社福機構及專業團體攜手合作，鼓勵學生、職員及校友透過 One Stop Shop (OSS) 一站式共創共享抗疫資訊平台，與社區分享各種實用的資源。



Donating a patented disinfectant coating to a community isolation facility

向社區隔離設施捐贈專利消毒塗料

An academic-led startup, Grand Rise Technology Limited, established by Professor Li Pei of the Department of Applied Biology and Chemical Technology and alumnus Dr Tenny Lam donated its patented innovation, the CareCoatex™ disinfectant coating, to the San Tin community isolation facility.

理大學者領導初創公司佳昇科技有限公司，由應用生物及化學科技學系李蓓教授與理大校友林峰博士共同成立，早前向新田社區隔離設施捐贈其專利發明——聚護芯™消毒塗層物料。

PolyU-nurtured startup provides an online platform for medical and healthcare services

理大培育的初創公司致力提供醫療及健康護理線上服務平台

A PolyU-nurtured startup, iMeddy, founded by alumni Mr Alex Cheuk Ka-hou and Mr Stephen Tsoi Kwok-chun, provided a free video medical consultation service on its online healthcare platform to more than 3,000 COVID-19 patients.

由理大參與培育、校友卓嘉豪先生及蔡國俊先生成立的初創公司iMeddy，透過其創新的線上醫療平台，為逾 3,000 名新冠患者提供免費視像問診服務。



Supporting the distribution of anti-epidemic supplies on campus

支持中央援港抗疫物資包派發活動

The Youth Anti-Coronavirus Link, led by the All China Youth Federation, Red Cross Society of China, and Hong Kong Volunteers Against Coronavirus, delivered a second round of 50,000 anti-COVID packages to young people in Hong Kong affected by the epidemic. With support from PolyU, counters were set up on campus to distribute the anti-epidemic supplies. PolyU's senior management, staff and students volunteered to help with the distribution.

在中華全國青年聯合會、中國紅十字會及全港抗疫義工同盟攜手推動下，「青少年抗疫連線」舉辦了第二輪派發五萬份防疫包活動，以支援香港青少年防疫抗疫。理大於校園內設立物資派發站，而理大管理層、教職員及學生亦義務參與派發物資。



Support from across the PolyU community

各盡所能 眾志成城

Members from across the PolyU family made contributions to combat the virus. For example, the School of Nursing partnered with enthusiastic local and Mainland donors and partners to donate a series of anti-epidemic supplies to more than 200 elderly residential care homes, and alumnus Mr Yang Ou, Executive Director and Chief Executive Officer of China Overseas Property Holdings Limited, participated in the management and operation of mobile field community isolation facilities. Backed by online support from teachers in the Department of Rehabilitation Sciences, PolyU fourth-year students from the Occupational Therapy and Physiotherapy programmes supported frontline healthcare services for residents in hostels for the disabled and in elderly homes. Furthermore, students and alumni donated anti-epidemic supplies to the University, including medical protective clothing, rapid antigen test kits and Chinese medicine, exemplifying the power of unity across geographies.

理大成員為抗擊病毒在各自的崗位上作出了貢獻。例如，護理學院聯同熱心的本地及內地捐助者和合作夥伴，向200多間安老院舍捐贈了一系列防疫物資；中海物業集團執行董事兼行政總裁楊鵬校友參與方艙社區隔離設施的管理和營運；在康復治療科學系老師遙距支援下，物理治療及職業治療學的四年級本科生，參與了一項協助院舍前線工作計劃，為院友提供健康護理及康復服務；此外，學生和校友向大學捐贈了防疫物資，包括醫用防護服裝、快速抗原檢測包和中藥，體現了跨地域團結的力量。



Whole-Person Education 全人教育

Shaping Future-ready Global Leaders

培育領袖 貢獻世界

PolyU not only places a strong emphasis on academic learning, but also strives to inspire students to become socially-responsible global citizens through its focus on whole-person education.

Cultivating a strong national identity forms an important part of PolyU's holistic professional education. It aims to nurture graduates who will be able to assist in the development of Hong Kong, the Nation and the world.

理大重視全人教育，除了注重傳授知識，也致力培養學生成為具備社會責任感的世界公民。

理大亦重視培育學生的家國情懷，旨在培育他們成為有志為香港、國家乃至世界的發展肩負重任、謀求福祉的人才。



Education that keeps pace with the times

教育模式 與時並進

At PolyU, students realise their potential by contributing to society, and acquiring the professional knowledge and skills that are critical in a rapidly evolving world.

在理大，學生透過服務社會，發揮個人潛能，同時掌握專業知識和技能，以立足於瞬息萬變的世界。



Nurturing global-minded innovators

理大培育具國際視野創意人才

With the emergence of Industry 4.0, innovation and technology is the new driving force for the economy of Hong Kong and the Greater Bay Area. Young people are required to demonstrate the diverse skills needed by contemporary society. PolyU will implement departmental scheme-based admissions from the 2022/23 academic year onwards, providing students with more flexible study options and enhancing their competitiveness.

In addition, two new elements, namely "Artificial Intelligence and Data Analysis" (AIDA) and "Innovation and Entrepreneurship" (IE), will be incorporated into the General University Requirement for all undergraduate students. Students must gain at least two credits from AIDA courses and at least one credit from IE courses during their four-year study period to fulfil the minimum requirements for graduation.

在工業4.0時代，創新科技成為推動香港以至大灣區經濟的新動力，年輕人必須展現多元化實力，配合社會所需。自2022/23學年起，理大將全面推行「學系為本」組合課程，新安排將為學生提供更具彈性的修業選擇，助他們提升競爭力。

大學的核心課程也將加入兩大新元素——「人工智能和數據分析」及「創新及創業」。所有本科生在四年修業期內，必須在「人工智能和數據分析」中選修最少兩個學分，並在「創新及創業」科目選修最少一個學分，以達畢業最低要求。

Undergraduate Research and Innovation Scheme

With a view to enhancing technological innovation capabilities for the advancement of Hong Kong and beyond, PolyU launched the Undergraduate Research and Innovation Scheme (URIS) in 2021. The Scheme, which advocates inquiry-based learning to nurture the next generation of researchers and innovators, provides full-time undergraduate students with the opportunity to conduct research projects under the supervision of the University's scholars. It offers an important opportunity for students to develop higher-order thinking skills, such as logical, creative and critical thinking. The experience and skills students acquire through their research also help broaden their future career horizons. More than 110 projects have been approved and funded under the Scheme and over 200 students participated in the URIS in the 2021/22 academic year.

Participating students are given additional support, such as guidance on research, as well as automatic admission to the College of Undergraduate Researchers and Innovators (CURI). They are also given priority in the allocation of hostel places at PolyU's new Residential College in the Homantin Student Halls of Residence.

本科生科研計劃

理大於2021年推出「本科生科研計劃」，以培育新一代研究員和創新人才，透過科研創新加強推動香港及其他地區的發展。該計劃着重探究式學習，讓全日制本科生在理大學者的指導下進行研究項目，從中鍛鍊邏輯、思考能力、創意及明辨思維等。學生可從研究中汲取寶貴經驗和掌握新技能，擴闊視野，有助未來事業發展。計劃開展以來，已有超過110個項目成功通過審批，並且獲得資助。而在2021/22學年，共有超過200名學生參加了「本科生科研計劃」。

參加計劃的學生可獲研究指導等支援；他們亦自動成為「本科生科創學院」成員，可獲優先分配宿位入住何文田宿舍的「創新書院」。



2 ◆ Instilling values and a sense of national identity

PolyU attaches great importance to whole-person development, especially instilling values, in order to nurture future professionals and leaders who will make a positive difference to Hong Kong, the Nation and the world. As part of this aim, the University has enhanced the curriculum to further develop a sense of national identity among students. All first-year undergraduate students are required to study a subject on law-abiding leadership that incorporates a component on the national security law. Furthermore, from the 2022/23 academic year, they will also study another subject on Chinese history and culture.

3 ◆ “INSPIRE” Mentorship Programme

Since its launch in 2020, PolyU’s University-wide mentorship programme, “INSPIRE”, has gained huge support from 175 local and non-local prominent leaders and role models, including Council and Court members, University Fellows, outstanding alumni and Poly-preneurs, who have served as mentors to offer insightful guidance to 723 student mentees with diverse cultural backgrounds and from all faculties/schools. Through an array of mentoring events, such as face-to-face and online meetings, company visits, workshops, themed talks, and sharing sessions, student mentees’ holistic education experience, intellectual growth, and professional development have been significantly enhanced.

價值觀教育與國民身分

理大非常着重學生的全人發展，尤其是價值觀教育，以培育未來的專才和領袖，為香港、國家和世界作出貢獻。為此本校增強了課程內容，進一步培養學生的家國情懷。所有一年級本科生均須修讀有關領導能力與守法精神的科目，其中包含國家安全法的內容。此外，自2022/23學年起，學生還須修讀有關中國歷史與文化的科目。

啟迪智慧師友計劃

自理大於2020年推出「啟迪智慧師友計劃」以來，獲得共175位來自不同界別的傑出領袖和社會賢達擔任人生導師，當中包括校董會及大學顧問委員會成員、大學院士、傑出校友和理大企業家。在眾位導師的帶領下，723名來自不同文化背景及學系的學生獲益甚豐。透過參與實體和線上會面、參觀機構、工作坊、主題演講和分享會等師友活動，他們的全人教育體驗、知識增長及專業發展得以大大提升。

New schemes attract students with diverse talents

In line with PolyU’s emphasis on the balanced development of students, the University has continued to make reference to non-academic achievements, in addition to academic attainments, when admitting students. In 2021/22, the University recruited:

- 71 students through the Outstanding Sportsmen Recommendation Scheme
- 43 students through the JUPAS Sub-system for School Principal’s Nominations

To recognise applicants with diverse talents for admission to undergraduate programmes, PolyU has gone one step further and will support three new non-academic talent schemes commencing in the 2022/23 academic year. The three new schemes are:

- Student-Athlete Learning Support and Admission Scheme (SALSA) funded by the University Grants Committee
- School Nominations Direct Admission Scheme (SNDAS) spearheaded by the Education Bureau
- Special Talents Admission and Recognition Scheme (STARS) launched by PolyU

They serve as alternative admission routes for students whose exceptional achievements in sports, arts, STEM, and leadership, etc., are not fully reflected in their HKDSE results. In the 2022/23 academic year, 11 student-athletes have joined PolyU through SALSA and are enrolled in a wide range of undergraduate programmes, including Physiotherapy, Medical Laboratory Science, Linguistics and Translation, English and Applied Linguistics, Applied Social Sciences, and Hotel and Tourism Management. In addition, 24 students will be taking undergraduate programmes in Biomedical Engineering, Applied Social Sciences and other disciplines at PolyU through SNDAS. As for STARS, a total of 94 freshmen were admitted through the scheme. Some of them have participated and won awards in major international competitions, while others have been active in volunteering, or achieved exceptional performance in the area of innovation and technology.

新收生計劃吸引多元才能學生

理大一向重視學生的均衡發展。在收生過程中，本校除考慮申請學生的學術成績外，亦注重學生在學術範圍以外的表現。於2021/22年度：

- 71名學生經「傑出運動員推薦計劃」成功申請入學
- 43名學生經「校長推薦計劃」成功申請入學

為了讓別具才華的學生有機會升讀大學，理大於2022/23學年新增和參與三項與非學術才能有關的本科入學申請計劃。該三項新計劃為：

- 教資會資助的「學生運動員學習支援及入學計劃」
- 教育局倡導的「學校推薦直接錄取計劃」
- 理大推出的「德藝計劃」

這些新計劃能為一些在體育、藝術、STEM學科和領導力等方面有過人才能、卻未能透過文憑試成績全面反映出來的同學提供更多升讀大學的途徑。在2022/23學年，有11名傑出學生運動員透過「學生運動員學習支援及入學計劃」獲理大取錄，他們將分別修讀物理治療學、醫療化驗科學、語言學及翻譯學、英文及應用語言學、應用社會科學和酒店及旅遊管理學等課程；另外有24名學生透過「學校推薦直接錄取計劃」入讀理大，分別修讀生物醫學工程、應用社會科學及其他學科的課程；而「德藝計劃」則共取錄了94人，不少曾經參與重要國際賽事並獲得獎項，亦有熱衷義務工作或於創新科技方面表現優秀的同學循此途徑入學。



2



3





Service-Learning pedagogy wins international award

As part of the four-year undergraduate degree curriculum, PolyU's mandatory Service-Learning (SL) requirement integrates meaningful community service with academic study and reflections to enrich students' learning experience. In the 2021/22 academic year, 74 SL subjects were offered with almost 4,500 students enrolled, contributing nearly 180,000 hours of community service to Hong Kong, Mainland China, Cambodia, Rwanda and beyond. Since the introduction of the pedagogy as a compulsory component for undergraduates in the 2012/13 academic year, around 33,000 PolyU students have contributed close to 1.33 million hours of service.

Our commitment to student development through holistic education has received international recognition. During the year, the University won the Times Higher Education Awards Asia 2022: Teaching and Learning Strategy of the Year Award, and PolyU was the only winner from Hong Kong. In their award citation, the judges recognised that PolyU's approach "instils a sense of social responsibility in its students".



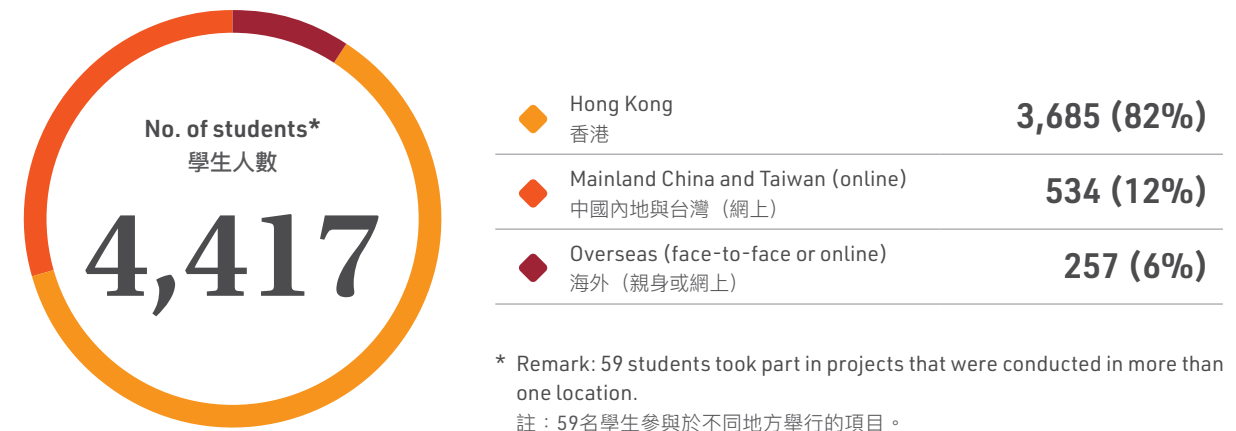
服務學習教學法獲頒國際獎項

服務學習是理大四年制本科生課程的必修科目，通過體驗式學習的教學模式，融會社會服務、學習及反思，以豐富學生的學習體驗。在2021/22學年，理大共開辦了74個服務學習科目，有約4,500名學生修讀，為香港、中國內地、柬埔寨、盧旺達以及其他國家和地區提供了近18萬小時的社區服務。而自理大於2012/13學年將服務學習列為本科生的必修科目以來，已有約3.3萬名理大學生修讀，總服務時數超過133萬小時。

理大致力透過全人教育培養未來領袖的教育理念得到國際認同。年內，理大在2022年泰晤士高等教育亞洲大獎中獲頒「教與學策略獎」，更是香港唯一的得獎院校。該獎項的評判團指出理大的教學方式「培養了學生的社會責任感」。

Distribution of students' Service-Learning projects in 2021/22

2021/22 年度學生服務學習項目的分布



PolyU — the 1st University in Hong Kong with Service-Learning as a mandatory subject (since 2012/13)
香港理工大學—香港首間將服務學習列為必修科目的大學 (由 2012/13 學年起)

33,300+ students attended SL courses
名學生參與服務學習

Serving 1.33 million+ hours
總服務時數 百萬小時

International Service-Learning returns

During the COVID-19 pandemic, PolyU students delivered services online to communities in Hong Kong, as well as Mainland China and overseas. With the resumption of international travel as the pandemic was brought under control, PolyU restarted the international Service-Learning programme, with students conducting STEM workshops about robotics, 3D printing and coding for children in villages in Vietnam, as well as installing solar electricity facilities in Rwanda.

重啟國際服務學習項目

在新冠疫情肆虐期間，理大學生改為透過線上模式服務香港、中國內地及海外的社群。當國際航班隨着疫情受控而逐漸恢復，理大師生已重新啟動國際服務學習項目，包括在越南為鄉村學童提供機器人、三維打印和編程的STEM工作坊，以及為盧旺達的村莊安裝太陽能發電設施。



4 ◆ Incorporating AI and the metaverse into Service-Learning

Artificial intelligence and the metaverse are critical topics that will be important for the future of younger generations. This year, 140 PolyU students participated in the Make My Eyes Artificial Intelligence Service-Learning Project. They gave 430 children in Hong Kong, India, the Philippines, and South Africa an introduction to artificial intelligence and co-designed object-recognition devices to help visually-impaired people.

5 ◆

The Service-Learning and Leadership Office developed a service-learning metaverse to give students a more immersive experience. The metaverse uses more than 40 scenes and over 200 interactable objects to illustrate service-learning experiences in Hong Kong, Cambodia, Vietnam, Myanmar and Rwanda for students. This innovative approach can be blended with face-to-face service-learning to enrich the student learning experience.

• Promoting Service-Learning pedagogies

PolyU strives to promote effective service-learning pedagogies that enhance students' learning and development as civic-minded professionals. This year, a number of learners, including teachers from other universities in Hong Kong, Macau, Mainland China, India, Vietnam and the Philippines, enrolled in PolyU's Professional Development Course, which sparked many interesting discussions and insights.

• 人工智能與元宇宙融入服務學習

人工智能和元宇宙是年輕一代未來發展的重要課題。理大在本年度舉辦了人工智能服務學習計劃之“Make My Eyes”，參與的140位理大學生為香港、印度、菲律賓及南非共430名兒童講解了人工智能的入門知識，並一起設計可辨識物件的裝置，以幫助視障人士。

理大的服務學習及領導才能發展處還開發了一個服務學習的元宇宙，透過超過40個場景及逾200個互動物件，讓學生在疫情期間能夠彷彿身歷其境地體驗在香港、柬埔寨、越南、緬甸及盧旺達進行服務學習項目的經歷。這種創新的教學模式日後可與面授的服務學習結合，豐富學習體驗。

• 推廣服務學習教學法

理大致力推廣高效服務學習教學法的應用和研究，提升學生的學習效益，培育他們成為具公民意識的專才。今年，理大的專業發展課程吸引了多位人士報讀，其中包括來自香港、澳門、中國內地、印度、越南及菲律賓等地大學的教師，期間學員們進行了多次具趣味性的討論，還產生了許多精闢的見解。

Work-Integrated Education

The mandatory Work-Integrated Education (WIE) programme is a unique feature of PolyU's undergraduate curriculum, providing students with work-based learning experiences in a context that is relevant to their chosen future profession. Students who undertake non-local internships are able to reap the dual benefit of gaining practical work experience and broadening their cultural horizons.

In the 2021/22 academic year, around 4,900 students completed the WIE programme and gained experience in a wide variety of industries through physical or virtual internships. Around 300 of the internships were offered by organisations in various Mainland China cities (including those in the Greater Bay Area) and overseas countries (including those along the Belt and Road, such as Malaysia, Poland, South Korea, Russia, Singapore, and Thailand).

Student exchange activities

Global student mobility gradually resumed in 2021/22. During the year, around 430 PolyU students studied at one of the University's exchange partner institutions around the world or completed various short-term programmes abroad. More than 70% of the activities were conducted in person with students' physically present in the host country or region. The University also welcomed around 360 students from different countries and regions to study at PolyU.

◆ 6 校企協作教育

校企協作教育是理大本科生課程的必修科目，為學生提供與其專科相關的實習機會。參與非本地實習的學生除了可累積工作經驗，更可擴闊視野。

在2021/22學年，約有4,900名學生完成校企協作教育課程，並參與實體或線上形式的實習，累積相關行業的寶貴經驗。當中約300個實習職位由中國內地（包括大灣區）或海外國家（包括「一帶一路」沿線國家，如馬來西亞、波蘭、南韓、俄羅斯、新加坡及泰國）的機構提供。

◆ 7 學生交流

在2021/22年度，學生交流活動逐步恢復。年內約有430名理大學生到世界各地的夥伴院校完成交換學習及多個短期交流課程，當中超過七成活動以實體形式進行。同時也有約360名夥伴院校的交換生到理大學習。



Graduate School



Established in 2020, the Graduate School plays a pivotal role in providing research postgraduate students with a first-rate educational experience and professional development. Students have the privilege of participating in world-class research led by eminent scholars in their fields, and broadening their international exposure and network during their studies. In 2021/22, there were more than 2,200 research postgraduate students at PolyU, a 14% increase compared with 2020/21.

The Graduate School had a strong year in 2021/22. PolyU achieved a success rate of 76.8% in the 2022/23 Hong Kong PhD Fellowship Scheme under the Research Grants Council, which marked the second consecutive annual increase, demonstrating PolyU's ability to continue to attract exceptional students from all over the world.

Internationalisation is a development focus for Graduate School. PolyU has established collaborations with 23 prestigious partner institutions, including 20 from Mainland China and 3 from overseas for Joint PhD Programmes Leading to Dual Awards and Collaborative PhD Training Programmes. In 2021/22, there was a 36% increase compared with the previous year in the number of students participating in the Research Student Attachment Programme, covering both inbound and outbound visits to universities around the world, including the National University of Singapore, the University of Cambridge, the University of Oxford, the University of Chicago, Harvard University, the University of California, Los Angeles, Monash University and the University of Calgary.

Furthermore, a total of 50 students from top-tier international universities, out of over 600 applications, were admitted to the 2022 PolyU Research Postgraduate Summer School, offering them a brief taste of the unique experience of research studies at PolyU.



研究生院

理大研究生院於2020年成立，為研究生創造優越的學習體驗及提供專業發展機會，助他們取得卓越的學術成就。在學期間，他們可跟隨多個領域的傑出學者，參與世界級科研項目，從中建立環球視野和人際網絡。2021/22年度理大有超過2,200名研究生，較2020/21年度增加14%。

在2021/22年度，研究生院取得顯著成果。理大在研究資助局轄下2022/23年度「香港博士研究生獎學金計劃」的成功率達到76.8%，是連續兩年上升，顯示理大具能力持續吸納全球各地的高質素研究生。

國際交流是研究生院的發展重點之一。理大與20間內地及3間海外共23間知名夥伴院校建立了合作關係，共同推行聯合培養博士雙學位及聯合培養博士單一學位計劃。而在2021/22年度，透過理大研究生實習計劃離港和來港的研究生數目較去年總共增加了36%，合作的大學遍布世界各國，包括新加坡國立大學、劍橋大學、牛津大學、芝加哥大學、哈佛大學、加州大學洛杉磯分校、莫納什大學和卡爾加里大學。

至於2022年舉行的「理大研究生暑期大學」，則有50位來自世界各地頂尖大學的學生在六百多份申請中脫穎而出，透過視像會議體驗在理大研究進修的獨特之處。



Revitalised Library as an interactive learning hub

Pao Yue-kong Library is transforming into a modern learning hub through its Extension and Revitalisation Project, scheduled for completion by the fourth quarter of 2023. Major components launched within the year include the additional sixth floor with 2,080m² floor space, the new 24-hour Study Centre, and several revitalised facilities for collaborative learning, knowledge sharing and idea creation.

翻新圖書館為互動學習中心

理大包玉剛圖書館正透過擴建及翻新工程進化成為大學的現代化學習中心。擴建及翻新工程預計將於2023年第四季完成，工程的多個主要項目已於本年度進行，包括樓面空間達2,080平方米新蓋的第六層、全新的24小時學習中心，以及支援互動學習、知識分享、創意構思的多個嶄新設施。



▲ Revitalised spaces with open, semi-enclosed or enclosed configurations to support collaborative learning
圖書館提供開放、半封閉或全封閉形式的新空間，讓學生進行互動學習



▲ The Forum on the sixth floor for peer learning and knowledge sharing by a larger audience
六樓的庭院可供進行較大型的學習和知識分享活動



▲ Dual monitor workstations for students to work on complex tasks
雙顯示屏的工作站可供學生們完成複雜的作業

Promoting innovative teaching
推動創新教學

8 — Global Classrooms offer internationalisation at home for PolyU students

To counteract the impact of Covid-19, which has forced the suspension of many internationalisation efforts, including student exchange programmes, PolyU teachers have brought internationalisation to Hong Kong through Global Classrooms. By making innovative use of information technology, they have expanded the physical and virtual learning environment for students. In the past two years, Global Classrooms have been held with universities in the US, Germany, Austria, Spain, Finland, Russia and South Africa. Students and teachers are highly positive about the experience, and Global Classrooms will gradually become a routine part of on-campus programmes.

9 — Virtual Eye Clinic

The School of Optometry has developed a new Virtual Eye Clinic using conversational chatbots with natural language understanding to enhance traditional case-based learning. Students interact with virtual patients to improve their communication and case analysis skills. The easily accessible online platform allows students the flexibility to learn at home and their own pace. The Virtual Eye Clinic creates an interactive and student-led learning experience. The tool also encourages peer-to-peer learning by allowing students to collaborate on case management in an online discussion forum.

「全球課堂」擴闊學生國際視野

受新冠疫情影響，多項推動校園國際化的工作包括交換生計劃，被迫暫停。然而理大教師具創意地利用資訊科技，通過開展「全球課堂」——一個擴展的實體和虛擬學習環境，實現「校園國際化」。在過去兩年裏，理大已經與美國、德國、奧地利、西班牙、芬蘭、俄羅斯和南非的大學合作開設了全球課堂。學生和老師對全球課堂體驗給予非常正面的評價，全球課堂將逐漸融入校園課程。

虛擬眼科視光診所

眼科視光學院研發了一個全新的虛擬眼科視光學診所，通過人工智能聊天機器人，以對話模式增強以案例為本的傳統學習模式。該網上平台方便易用，學生可按照自己的學習進度隨時隨地與虛擬患者互動，提高臨床溝通和分析能力。虛擬眼科視光學診所創造了一種學生主導的互動式學習體驗。學生更可以通過網上論壇合作研習案例，促進同儕學習共享。

VR-based learning platform

PR Explorer is an online learning platform for Building Sciences and Engineering (BSE). It provides virtual site visit experience for BSE students, enabling them to visit a fire pump room, water pump room, air handling unit room and switchboard room, to help them learn about different building services engineering systems.

Virtual exchange based on remote experiment platform

A virtual interflow camp was co-organised by the Department of Applied Physics of PolyU and Nankai University in Tianjin using LabXRA. Students from the two universities performed remote experiment investigations in groups and debated the advantages and drawbacks of the technique and the results obtained.

Intelligent English learning software

The pandemic has unleashed a surge of creativity in PolyU's Department of English and Communication, leading to a number of new online offerings. One of them is the intelligent English learning app "IdiomsTube", developed by Dr Phoebe Lin and her team, which has already attracted nearly 10,000 registered users, many of whom are from overseas.

虛擬實境學習平台

PR Explorer是一個建築科學工程學的網上學習平台，它讓學生可以模擬實地視察消防泵房、水泵房、風櫃房和配電室，藉此學習各種屋宇設備工程系統。

遙距實驗平台促進學生網上交流

應用物理學系利用其建立多年的遙距實驗平台LabXRA，讓本校及天津南開大學的物理系學生進行網上交流活動。雙方同學分組進行不同的實驗，然後分享實驗成果，並憑着自身經驗，討論遙距實驗的優點和不足之處。

智能英語學習軟件

理大英文及傳意學系在疫情中運用創意推出了多個項目，其中該學系助理教授練明心博士研究團隊開發了智能英語學習軟件"IdiomsTube"，已吸納了近一萬名註冊用戶，當中不少更是來自海外。



Awards for innovative education

獲獎創意教育



Reimagine Education Awards 2021 2021年度全球教學創新大獎

12 ◆	Gold Award in Nurturing Wellbeing & Purpose category 「培養身心發展和引導建立人生目標」組別金獎	Leadership and Intrapersonal Development Programme 「領袖與個人發展」計劃	Department of Applied Social Sciences 應用社會科學系
13 ◆	Silver Award in Science of Learning category 「學習科學」組別銀獎	Innovative PALMS Drawing Pedagogies and Apps to Increase Active Learning in Mathematics and Science 創新的 PALMS 繪圖教學法和應用程式以促進數學及科學的主動學習	Department of Applied Mathematics 應用數學系
	Bronze Award in K12 category 「中學組」組別銅獎	Developing Active Learning Pedagogies and Mobile Applications in High School Mathematics Education 在中學數學教育中發展主動學習教學法和流動應用程式	Department of Applied Mathematics 應用數學系

The Association of Writing Across the Curriculum 跨學科寫作協會

Lifetime designation Distinguished Fellow 傑出協會會員 (終身指定獎)	Dr Julia Chen, Director of Educational Development, Educational Development Centre 教學發展中心總監陳小華博士
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AdvanceHE 2021 2021年AdvanceHE

14 ◆	Principal Fellow (PFHEA) 首席協會會員	Dr Julia Chen, Director of Educational Development, Educational Development Centre 教學發展中心總監陳小華博士
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eLearning Forum Asia (eLFA) 2021 亞洲電子學習論壇2021

Technology Innovation Award (Bronze Award) 科技創新大獎：銅獎	Laboratory platform for scientific exploration, remote (R) and accessible (A) (LabXRA) 便利易用、促進學生科學探索的遙距實驗平台 (LabXRA)	Department of Applied Physics 應用物理學系
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Celebrating student achievements

學生成就

Scholarship awards for outstanding students

Outstanding students at PolyU have been awarded major scholarships by external institutions for their distinguished performances in various fields. These students are shining examples of the University's efforts to nurture all-round future leaders for society.

獎學金表揚傑出學生

理大致力全人教育，為社會培育未來領袖，年內多名優異生在不同範疇均表現出色，並榮獲多項校外主要獎學金。

Innovation and Technology Scholarship 2022 創新科技獎學金 2022



Chau Chung-hang, BSc (Hons) in Nursing
周頌恒，護理學 (榮譽) 理學士

Li Kwok-chun, BEng (Hons) in Aviation Engineering
李國駿，航空工程學 (榮譽) 工學士

Xu Yi-nam, BSc (Hons) in Land Surveying and Geo-Informatics
許懿楠，土地測量及地理資訊學 (榮譽) 理學士

'For Our Future Scholarship' 2021/22 創明天獎學金 2021/22

Chan Lian, BSc (Hons) in Tourism and Events Management
陳麗而，旅遊業及會展管理 (榮譽) 理學士

Wong Sze-lam, BSc (Hons) in Property Management
黃思霖，物業管理學 (榮譽) 理學士

HSBC Greater Bay Area (Hong Kong) Scholarship 2021/22 滙豐粵港澳大灣區 (香港) 獎學金 2021/22

Leung Yuk-sen, BBA (Hons) in Marketing
梁旭慎，市場學 (榮譽) 工商管理學士

Li Pik-kei, BBA (Hons) in International Shipping and Transport Logistics
李碧琪，國際航運及物流管理 (榮譽) 工商管理學士

Ng Ka-ho, BSc (Hons) in Investment Science and Finance Analytics
吳嘉豪，投資科學及金融分析 (榮譽) 理學士

Wong King-ho, BSc (Hons) in Surveying
黃敬濤，地產及建設測量學 (榮譽) 理學士

Sir Edward Youde Memorial Scholarship Scheme 2021/22 尤德爵士紀念基金獎學金 2021/22

Sir Edward Youde Memorial Scholarship
尤德爵士紀念基金獎學金

Chow Tsz-ching, BSc (Hons) in Occupational Therapy
周旨菁，職業治療學 (榮譽) 理學士

Sir Edward Youde Memorial Scholarship for Disabled Students
尤德爵士紀念基金殘疾學生獎學金

Koh Wen-pin, BSc (Hons) in Biomedical Engineering
許文彬，生物醫學工程 (榮譽) 理學士



Outstanding Student Awards

PolyU organises the Outstanding Students Award Scheme annually to recognise full-time final-year students who excel in both academic and non-academic pursuits during their studies. A total of 28 students were selected as outstanding students at the faculty/school and/or departmental levels this year.

理大卓越學生獎

理大每年頒發卓越學生獎，以表揚在學術及非學術範疇均表現出色的全日制應屆畢業生。今年，共有28名學生獲選為所屬學院及/或學系的卓越學生。

• The Most Outstanding PolyU Student Award 2021 2021年度香港理工大學「最卓越學生獎」

Hiu-man is thankful to PolyU for providing a learning environment full of opportunities for personal growth and development. Members of faculty and administrative staff have inspired and guided her in many ways. She was named The D. H. Chen Foundation Scholar, and she initiated a service project to promote positive thinking and kindness, demonstrating her aspiration to serve the community.

During the COVID-19 pandemic, Hiu-man seized local internship opportunities at the "I am... Youth Portal" of the St. James' Settlement and the Hong Kong Film Archive. Even though classes and exchange activities were affected by the pandemic, she was still able to learn a lot, gain practical work experience and interact with people from different walks of life.

曉旻衷心感謝理大提供了良好的學習環境，為她帶來很多有助個人成長的發展機會。一直以來，學院的教職員為她提供了各方面的啟發及指導。曉旻曾獲得陳廷驊基金會獎學金，亦曾籌劃一項服務計劃，推廣正向思想及關愛友善，致力回饋社會。

新冠疫情期間，雖然課堂和交流活動均受影響，但曉旻仍獲得本地實習機會，在恒生——聖雅各福群會青年職學平台——"I am..."，以及香港電影資料館工作。她不但汲取了實際工作經驗，亦有機會向不同界別的人士學習，獲益良多。



Ho Hiu-man
何曉旻
Faculty of Humanities
人文學院

• Outstanding Student Awards 2021 of Faculties/Schools 2021年度「學院卓越學生獎」



Gautham Gopinath
Faculty of Applied Science and Textiles
應用科學及紡織學院



Mao Hoi-ching 毛鎧晴
Faculty of Construction and Environment
建設及環境學院



Lim Ching-yi 林靖怡
Faculty of Health and Social Sciences
醫療及社會科學院



Yu Chenxi 余晨曦
School of Hotel and Tourism Management
酒店及旅遊業管理學院



Jessica Zhang
Faculty of Business
工商管理學院









Zhang Caiqi 張蔡啟
Faculty of Engineering
工程學院



Vong Ka-hei 黃嘉希
School of Design
設計學院

Achievements in sports

PolyU puts an emphasis on the whole-person development of students. Through promoting a culture of sports, students are encouraged to develop their self-confidence, team spirit, self-discipline and perseverance. PolyU's sporting ethos has enabled its student-athletes to thrive in the sports arena. This year, 11 student-athletes represented the Hong Kong SAR in the 14th National Games of the People's Republic of China.

Athletics 田徑		Cheung Ching-laam (School of Hotel and Tourism Management) 張靜嵐 (酒店及旅遊業管理學院)
		Chan Pui-kei (Hong Kong Community College) 陳佩琦 (香港專上學院)
Badminton 羽毛球		Ng Tin-yan (School of Accounting and Finance) 吳天殷 (會計及金融學院)
Baseball 棒球		Wong Yui-fung (Department of Land Surveying and Geo-Informatics) 黃睿鋒 (土地測量及地理資訊學系)
Cycling 單車		Leung Chun-wing (Hong Kong Community College) 梁峻榮 (香港專上學院)
Fencing 劍擊		Sophia Wu (Department of Management and Marketing) 符好名 (管理及市場學系)
		Lau Wing-yi (Department of Applied Social Sciences) 劉穎怡 (應用社會科學系)
Karatedo 空手道		Ng Ho-chun (Hong Kong Community College) 吳昊晉 (香港專上學院)
Taekwondo 跆拳道		Leung Ming-yau (Department of Health Technology and Informatics) 梁銘祐 (醫療科技及資訊學系)
Wushu 武術		Kwok Kwan-ho (Department of Applied Physics) 郭君皓 (應用物理學系)
		Sham Hui-yu (Department of Rehabilitation Sciences) 沈曉榆 (康復治療科學系)

運動佳績

理大重視學生的全人發展，並透過推廣運動文化，鼓勵學生建立自信，培養團隊精神、自律性和毅力。理大學生運動員充分展現本校之體育精神，在賽場上大放異彩，今年，11位理大學生運動員代表香港，出戰中華人民共和國第十四屆全國運動會。

PolyU Sports Team – Four-times Grand Slam Champions

理大運動代表隊——連續四屆勇奪大滿貫

The PolyU Sports Team won the Yearly Men's and Women's Overall Championships in the 2021/22 Inter-Collegiate Sports Competitions, organised by The University Sports Federation of Hong Kong, China (USFHK). It was the fourth consecutive time our Sports Team has captured the Grand Slam, after also winning in 2017/18, 2018/19, 2020/21 and 2021/22. This year, the teams scooped 12 championships, seven first runners-up and two second runners-up from 24 sports competitions. In addition, Tokyo Olympic swimmer Toto Wong Kwan-to won the Sportswoman of the Year title, and nine outstanding student-athletes were named Most Valuable Players by the USFHK.

理大運動代表隊於2021/22年度大專盃賽事中，蟬聯男、女子團體全年總冠軍。這項體育盛事由香港大專體育協會舉辦，理大已經連續四屆在比賽中奪得大滿貫（包括2017/18、2018/19、2020/21及2021/22）。在本年度的24項賽事中，本校代表隊共奪得12個冠軍、7個亞軍及2個季軍。游泳隊代表黃筠陶憑着去年代表香港出戰東京奧運榮膺「全年最佳女子運動員」，更有9名學生獲選為大專盃「最有價值運動員」。



				
Athletics 田徑 Leung Kwan-yi 梁筠宜 Hong Kong Community College 香港專上學院	Basketball 籃球 Yip Yiu-pong 葉耀邦 School of Hotel and Tourism Management 酒店及旅遊業管理學院	Basketball 籃球 Lau Fong-ying 劉芳盈 Department of Rehabilitation Sciences 康復治療科學系	Handball 手球 Lam Long-hin 林朗軒 Department of Aeronautical and Aviation Engineering 航空及民航工程學系	Squash 壁球 To Wai-lok 杜韋諾 Department of Biomedical Engineering 生物醫學工程學系
				<div>Sportswoman of the Year 全年最佳女子運動員</div>
Squash 壁球 Cheng Nga-ching 鄭雅晴 Department of Building and Real Estate 建築及房地產學系	Table Tennis 乒乓球 Tsang Tsz-tsun 曾梓峻 Department of Building and Real Estate 建築及房地產學系	Volleyball 排球 Au Chin-to 歐展陶 School of Nursing 護理學院	Swimming 游泳 Wong Kwan-to 黃筠陶 School of Optometry 眼科視光學院	

Research and Knowledge Transfer 研究及知識轉移

Benefiting Society through Impactful Research

卓越科研 造福社會

PolyU places a strong emphasis on knowledge transfer to ensure the cutting-edge work conducted by its researchers is translated into real-world solutions that benefit society, business and industry.

Alongside striving to be a leading university in a range of different disciplines, PolyU is also pioneering interdisciplinary research in frontier areas.

理大非常重視知識轉移，積極把研究人員的尖端科研成果轉化為實用方案，惠及社會和工商業界。

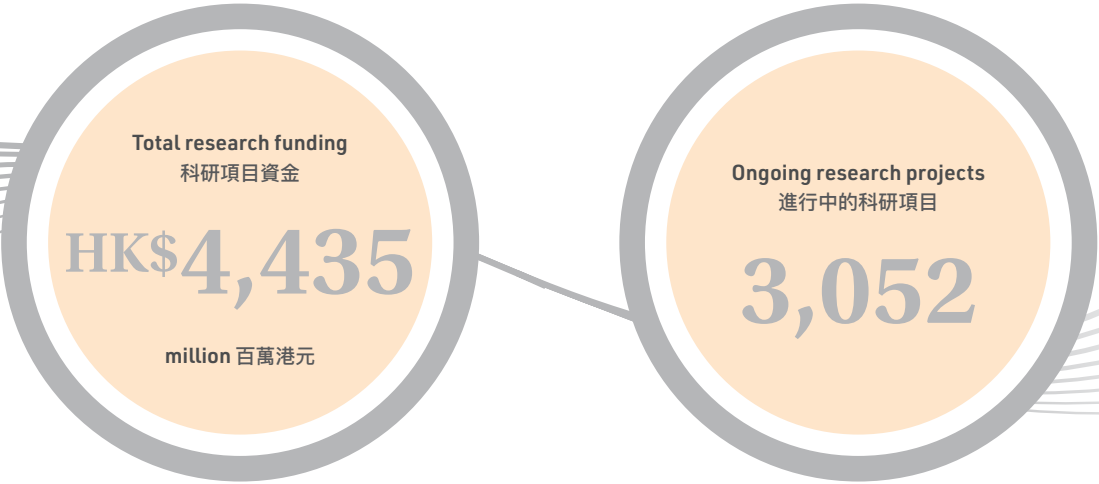
理大矢志成為在多個學術領域均達領先水平的優秀學府，並不斷開拓前沿領域的跨學科研究。



Innovative research to advance knowledge and address challenges
以創新科研開拓知識領域和應對挑戰

PolyU is committed to interdisciplinary collaborative research to address world challenges and improve society. Research funding in 2021/2022 totalled HK\$4,435 million, supporting 3,052 projects undertaken by more than 900 academic staff and around 2,500 research personnel.

理大致力進行跨學科協作研究，以應對世界面對的挑戰和改善社會。2021/2022年度，理大科研計劃的總資金為44.35億港元，資助3,052個科研項目，參與的學術人員逾900名，而研究人員亦有約2,500名。



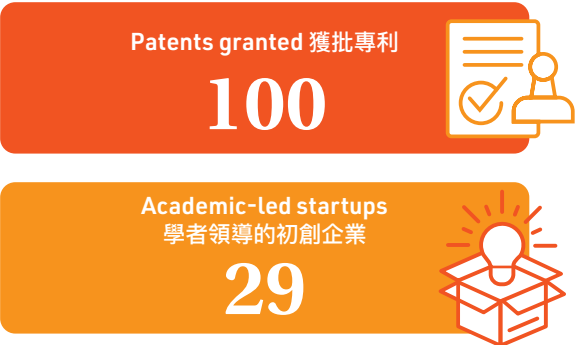
Taking ideas and inventions from the lab to life

PolyU researchers consistently transform innovations and research breakthroughs into real-world industrial and social solutions. This practice is reflected in the patenting activities and licensing agreements, consultancy work, entrepreneurship and startup activities conducted throughout the year, as well as technology transfer projects.

將創意和發明從實驗室帶進生活

理大研究人員一直致力將創新發明和科研突破轉化為可以解決業界和社會難題的方案。年內進行的專利與技術授權、顧問服務、創業活動，以及技術轉移項目，均印證了大學在這方面的努力。

2021/22



Major funding boosts research endeavours

撥款理想 科研工作更上層樓

In 2021/22, PolyU performed very well in the various funding schemes administered by the Research Grants Council (RGC), which operates under the University Grants Committee. The University secured more than HK\$311.24 million, including funds from the following schemes:

於2021/22年度，理大在大學教育資助委員會設立並由研究資助局（研資局）管理的資助計劃中表現出色，獲批超過3.1124 億港元撥款，包括：

RGC funding schemes 研資局資助計劃	Number of funded projects 資助項目	Funding awarded 資助金額 (HK\$ million 百萬港元)
Theme-based Research Scheme 主題研究計劃	1	31.14
Collaborative Research Fund 協作研究金	8	38.23
Research Impact Fund 研究影響基金	2	8.80
RGC Senior Research Fellow Scheme 研資局高級研究學者計劃	2	15.59
RGC Research Fellow Scheme 研資局研究學者計劃	1	5.15
RGC Postdoctoral Fellowship Scheme 研資局博士後獎學金計劃	7	8.53
General Research Fund/Early Career Scheme* 優配研究金 / 傑出青年學者計劃	227	195.40

* The RGC announced the application results of General Research Fund/Early Career Scheme in 2022/23 exercise on 30 June 2022.
研究資助局於2022年6月30日公布2022/23年度優配研究金及年度傑出青年學者計劃的撥款結果。

It is worth noting that PolyU continued to rank third out of eight UGC-funded universities both in terms of the number of funded projects and the amount awarded in the 2021/22 General Research Fund / Early Career Scheme.

理大在2021/22年度的優配研究金和傑出青年學者計劃，獲資助項目的數量和資助金額均繼續在八所教資會資助大學中排名第三。

In addition, the University was awarded more than HK\$159.68 million from various government funding schemes in 2021/22, which include:

此外，大學在2021/22年度從政府各項研究基金共獲得超過1.596億元撥款，包括：

Government funding schemes 政府研究基金	Number of funded projects 資助項目	Funding awarded 資助金額 (HK\$ million 百萬港元)
Health and Medical Research Fund (HMRF) 醫療衛生研究基金	40*	104.16
Environment and Conservation Fund 環境及自然保育基金	13	10.03
Smart Traffic Fund 智慧交通基金	7	21.01
Green Tech Fund 低碳綠色科研基金	3	14.87

* Including 36 HMRF Investigator-Initiated Projects funded in the 2019 and 2020 Exercises, two HMRF Research Fellowships, two HMRF Commissioned Research Projects on COVID-19, and additional top-up funding of \$8.86 million from Health Bureau on an ongoing HMRF Commissioned Research Project on COVID-19.
包括36個在2019及2020年度由研究員擬定的研究項目、兩個研究獎學金計劃、兩個關於新冠病毒的委託研究項目，及一個在進行中的新冠病毒委託研究項目額外886萬元撥款。



PolyU Academy for Interdisciplinary Research

Emerging technologies brought about by Industry 4.0 are profoundly changing the way people live and work. At the same time, the world is facing a plethora of unprecedented global challenges, such as the COVID-19 pandemic, climate change, population ageing, and energy shortage. To effectively respond to these pressing challenges, it is necessary to integrate the expertise of different technical and scientific disciplines to deliver appropriate and feasible solutions. To this end, PolyU established the PolyU Academy for Interdisciplinary Research (PAIR) to promote impactful interdisciplinary research and innovation. The University is one of the few institutions in the world taking this visionary research approach.

This year, PAIR was officially inaugurated and several of its constituent Research Institutes (RI) and Research Centres (RC), including the Research Centre for Resources Engineering towards Carbon Neutrality (RCRE), the Otto Poon Charitable Foundation Smart Cities Research Institute (SCRI), the Otto Poon Charitable Foundation Research Institute for Smart Energy (RISE), and the Research Institute for Sports Science and Technology (RISports) were officially unveiled. As of June 2022, PAIR has 11 RIs and 5 RCs, making it one of the largest interdisciplinary research platforms in Hong Kong and the Greater Bay Area.

PAIR aspires to advance multiple important goals through research, creating excellence, value and prosperity for Hong Kong, the Greater Bay Area, and the world. These goals include: building a globally modern industrial system, taking ecological conservation forward, expanding infrastructural connectivity, developing a quality living circle, building a global technology and innovation hub, and contributing to the Sustainable Development Goals set by the United Nations.

理大高等研究院

工業4.0所帶來的新興技術大大改變着人類的生活及工作方式。與此同時，當今世界正面臨新冠疫情、氣候變化、人口老化、能源短缺等前所未有的全球挑戰。要有效應對這些迫在眉睫的挑戰，必須結合不同技術及科學領域的專業知識，然後提供適切可行的解決方案。為此，理大成立了「香港理工大學高等研究院」（PAIR），推動具影響力的交叉學科研究與創新。本校是世界上少數實踐此前瞻性研究策略的學府之一。

本年度，PAIR正式啟動成立，而其轄下的幾個研究院和研究中心，包括碳中和資源工程研究中心（RCRE）、潘樂陶慈善基金智慧城市研究院（SCRI）、潘樂陶慈善基金智慧能源研究院（RISE）及體育科技研究院（RISports）也相繼揭幕。至2022年6月，PAIR轄下共有11個研究院及5個研究中心，是香港乃至大灣區最大型的交叉學科研究平台之一。

PAIR期望透過研究，積極推動多項重大目標，為香港、大灣區以至全世界創優增值、締造繁榮。目標包括：構建全球現代產業體系、推進生態保護、加快基礎設施互聯互通、建造優質生活圈、打造國際科技創新中心，以及為實現聯合國設立的可持續發展目標作出貢獻。

Research Institutes and Research Centres under PAIR 理大高等研究院轄下的研究院和研究中心

Research Institutes 研究院



Research Institute for
Advanced Manufacturing
先進製造研究院



Research Institute for Artificial
Intelligence of Things
人工智能物聯網研究院



Research Institute for Future Food
未來食品研究院



Research Institute for Intelligent
Wearable Systems
智能可穿戴系統研究院



Research Institute for Land and Space
土地及空間研究院



Photonics Research Institute
光子技術研究院



Research Institute for
Smart Ageing
智齡研究院



Otto Poon Charitable Foundation
Smart Cities Research Institute
潘樂陶慈善基金智慧城市研究院



Otto Poon Charitable Foundation
Research Institute for Smart Energy
潘樂陶慈善基金智慧能源研究院



Research Institute for Sports Science
and Technology
體育科技研究院



Research Institute for Sustainable
Urban Development
可持續城市發展研究院

Research Centres 研究中心



Research Centre for Chinese
Medicine Innovation
中醫藥創新研究中心



Research Centre for Deep Space
Explorations
深空探測研究中心



Mental Health Research Centre
精神健康研究中心



Research Centre for Resources
Engineering towards Carbon Neutrality
碳中和資源工程研究中心



Research Centre for SHARP Vision
視覺科學研究中心

Expanding research centres at faculty, school or department level

The University has approved grants totalling HK\$50.75 million to support eight Research Centres, including five new and three existing centres, to develop new niche research areas and further enhance impactful research. Each centre will have one-off funding support up to HK\$7.5 million, including matching funds from their department, school or faculty for a period of three years. The establishment of these new research centres will strengthen the University’s research capacity, as well as enhance our research visibility.

擴展學院和學系研究中心

為了發展嶄新而具備優勢的科研領域和加強具影響力的研究項目，理大在年內撥款5,075萬港元支持8個研究中心的發展，其中包括5個新成立和3個現有的中心。每個中心可獲最多750萬港元的一次性資助，包括由所屬學系或學院提供為期三年的附加配對資金。成立新的研究中心既可以加強大學的科研能力，亦可以展示研究成就。

Newly set up Research Centres 新成立研究中心

Colour, Imaging, and Metaverse Research Centre 顏色、影像與元宇宙研究中心	Department of Building Environment and Energy Engineering 建築環境及能源工程學系
Research Centre for Blockchain Technology 區塊鏈科技研究中心	Department of Computing 電子計算學系
Research Centre for Carbon-Strategic Catalysis 碳戰略催化研究中心	Department of Applied Biology and Chemical Technology 應用生物及化學科技學系
Research Centre for Future (Caring) Mobility 未來（關愛）移動研究中心	School of Design 設計學院
Research Centre for Quantitative Finance 量化金融研究中心	Department of Applied Mathematics 應用數學系

Existing Research Centres 現有研究中心

Peking University – The Hong Kong Polytechnic University China Social Work Research Centre 北京大學-香港理工大學中國社會工作研究中心	Department of Applied Social Sciences 應用社會科學系
Research Centre for Data Science and Artificial Intelligence 人工智能與數據科學研究中心	Department of Computing 電子計算學系
Research Centre for Gerontology and Family Studies 樂齡與家庭研究中心	Department of Applied Social Sciences 應用社會科學系



A vehicle design by the Research Centre for Future (Caring) Mobility has incorporated innovative ideas such as on-demand transport. 由未來（關愛）移動研究中心所設計的未來概念汽車，融合了按需運輸等多重創新構思。

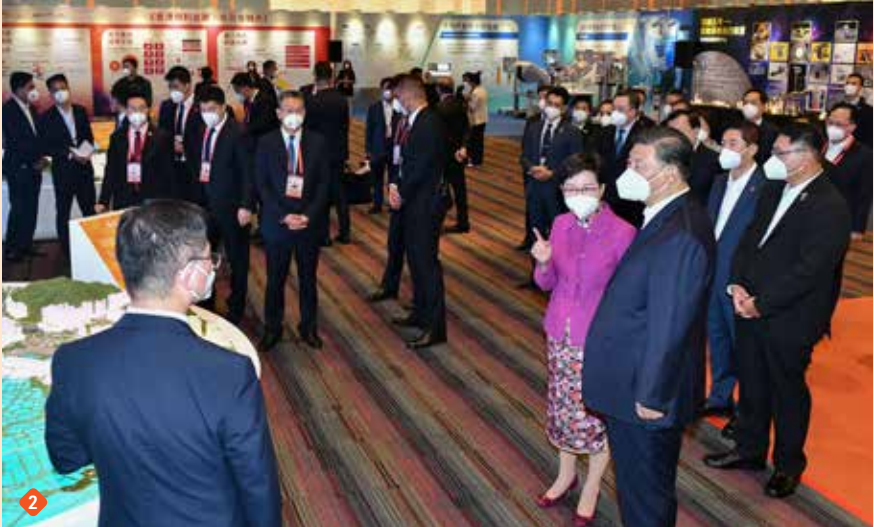


Photo credit: Information Services Department, HKSAR Government
圖片鳴謝：政府新聞處

PolyU’s research showcased at Hong Kong Science Park during Chinese leader’s visit

To mark the 25th Anniversary of Hong Kong’s return to the Motherland, President Xi Jinping visited Hong Kong in late June 2022, and was introduced to the city’s innovation and technology development during a visit to the Hong Kong Science Park. He encouraged local researchers to strive for excellence, and urged Hong Kong to continue building its I&T ecosystem. PolyU’s Research Centre for Deep Space Explorations and the Chinese National Engineering Research Centre (CNERC) for Steel Construction (Hong Kong Branch) were honoured to have the opportunity to showcase their research during the visit.

PolyU is the only university in Hong Kong that has participated in China’s historic space exploration projects, including the Nation’s first lunar sample return mission Chang’e-5 and its first Mars exploration mission Tianwen-1. Meanwhile, the CNERC showcased its research work including the world’s first application of Chinese Q690 high strength steel in a large-scale infrastructure project, the Cross Bay Link Double Arch Steel Bridge in Tseung Kwan O, promoting Chinese steel products to the world.

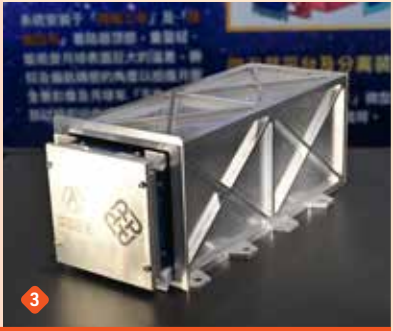
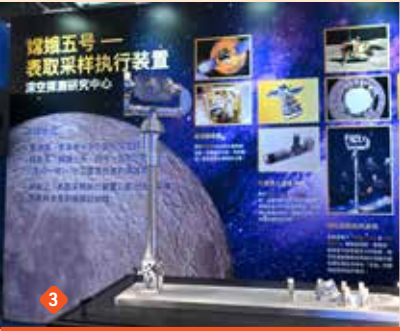


Photo credit: Information Services Department, HKSAR Government
圖片鳴謝：政府新聞處

國家領導人視察香港科學園
理大展示優秀科研項目

為慶祝香港回歸祖國25周年，習近平主席於2022年6月底專程來港訪問，並在視察香港科學園時聽取了有關香港的創科發展的匯報。他勉勵本地研究人員、鼓勵香港加倍努力，繼續創科的發展。理大的深空探測研究中心和國家鋼結構工程技術研究中心（香港分中心）很榮幸有機會在有關展覽中展示其研究成果。

理大是香港唯一一所參與中國歷史性太空探索任務的大學，項目包括國家進行首次月球採樣任務「嫦娥五號」與首次火星探測任務「天問一號」。此外，國家鋼結構工程技術研究中心也展示了其研究，包括國產Q690超強鋼材全球首次應用於大型基建項目——將軍澳的跨灣連接路雙拱鋼橋，有助促進國產鋼材走向世界。



PolyU's research centres at InnoHK Clusters

The Hong Kong SAR Government officially launched the InnoHK Clusters in May 2022, with a view to developing Hong Kong as a hub for global research collaboration. Under this landmark initiative, PolyU has joined forces with world-leading institutions to establish three research centres:

- 5 ◆ The Laboratory for Artificial Intelligence in Design (AiDLab), co-founded by PolyU and the Royal College of Art in the United Kingdom, is the region's first research platform that focuses on the integration of artificial intelligence (AI) with creative design. The AiDLab was officially launched in November 2021.
- 6 ◆ Jointly established by PolyU and the University of Maryland - College Park in the United States in December 2021, the Centre for Advances in Reliability and Safety (CAiRS) combines AI and innovative technologies to improve the safety and reliability of electronic products and systems.
- 7 ◆ The Centre for Eye and Vision Research (CEVR) was officially launched in June 2022. A collaboration of PolyU and the University of Waterloo in Canada, CEVR is the first global hub to conduct ground-breaking research in myopia and eye growth, ocular drug discovery and delivery, vision enhancement, tear film and the ocular surface, and advanced optometric technology.

理大於創新香港研發平台設科研中心

香港特區政府於2022年5月正式啟動「創新香港研發平台」，致力將香港建設成為全球科研合作中心。在該創科旗艦項目下，理大與世界知名學府合作設立了三個科研中心：

「人工智能設計研究所」是理大和英國皇家藝術學院合作成立的科研中心，也是區內首個集中將人工智能結合創意設計的科研平台。人工智能設計研究所在2021年11月正式啟用。

理大於2021年12月與美國馬利蘭大學帕克分校合作成立「產品可靠性暨系統安全研發中心」，將人工智能和創新科技結合，以提升電子產品和系統的安全性和可靠性。

理大與加拿大滑鐵盧大學合作成立的「眼視覺研究中心」在2022年6月正式啟用，該中心是全球首個就以下領域進行前沿研究的中心：近視及眼睛生長、眼科藥物研發和傳輸、視力改進、淚液膜和眼表層、以及先進眼視光技術。

Research and innovations addressing societal needs 科研創新回應社會需要



Novel rail damper in trial use on Shenzhen Metro

The Modular Rail Particle Damper is a new rail damper developed by a research team led by Professor Ni Yiqing, (Yim, Mak, Kwok & Chung Professor in Smart Structures, Chair Professor of Smart Structures and Rail Transit, of the Department of Civil and Environmental Engineering, and Director of the Hong Kong branch of the Chinese National Rail Transit Electrification and Automation Engineering Technology Research Center) at PolyU. It mitigates and controls noise and vibrations in rail transit systems by employing a novel approach using rail particle damping technology and an advanced machine learning algorithm. The new dampers were installed for trial use at a viaduct section of the Shenzhen Metro in January 2022, and will later be extended to other urban rail transit systems in China.

Hybrid statistical model improves manufacturing efficiency

Dr Jiang Binyan, Associate Professor of PolyU's Department of Applied Mathematics, and his research team have developed a hybrid statistical model that improves the efficiency of the textile manufacturing process. The model can accurately predict the product qualification rate and adjust the machine output value based on the condition of raw materials, reducing the waste of both materials and energy during manufacturing. Using this hybrid statistical model, Dr Jiang and his team have developed software which can be used in factories to help automate the production process. The software has helped a global textile manufacturer improve its production efficiency and significantly reduce its environmental footprint.

創新軌道減震器於深圳地鐵試用

由理大倪一清教授（土木及環境工程學系嚴、麥、郭、鍾智能結構教授、智慧結構與軌道交通講座教授、國家軌道交通電氣化與自動化工程技術研究中心香港分中心主任）帶領的團隊所研發的模組化鋼軌阻尼器，能透過創新的鋼軌顆粒減震技術和先進機器學習算法，降低和控制鐵路系統的聲音和震動。新的阻尼器於2022年1月率先在深圳地鐵的一段高架橋上安裝試用，稍後會裝置於內地的其他城市鐵路系統。

混合統計模型提升生產效率

理大應用數學系副教授蔣濱雁博士及其研究團隊建立了一個混合統計模型，可以提高紡織製造業的效率。該模型能夠準確預測產品合格率，並按原料狀況調整機器輸出數值，有助減少製造紡織品過程中浪費材料和能源的情況。蔣博士的團隊利用該模型開發軟件，促進工廠生產流程自動化。該軟件成功協助一家跨國紡織品製造商提高生產效益和大幅減少對環境造成的污染。



Inspection robot improves power plant maintenance

PolyU's Department of Electrical Engineering has been working with CLP Power to develop an inspection robot that can work inside generators without the need to disassemble and reassemble their components, thus reducing the risk of damaging the components, shortening maintenance time, and reducing the need for visual inspection. By deploying the robots, both the effectiveness and accuracy of generator inspection can be enhanced.

Application of satellite imagery technology for marine environmental management

The Department of Land Surveying and Geo-informatics has leveraged the University's remote sensing technology to assist the Environmental Protection Department in carrying out a research study on the application of satellite imagery technology for marine environmental management of Hong Kong coastal waters. A set of new algorithms for retrieval of the parameters and a pilot satellite imagery marine water quality monitoring system will be developed to improve marine environmental management.

檢測機器人改善發電廠維修保養

理大電機工程學系正與香港中華電力有限公司合作，開發可以在發電機組內工作的檢測機械人，令檢測過程中無需裝拆組件，因此可以降低損耗組件的風險、縮短維修保養時間、減少肉眼觀測的需要。使用檢測機械人可以增加檢查發電機組的效率和提升準確度。

衛星影像科技協助管理海洋環境

土地測量及地理資訊學系採用理大的遙距傳感科技，為政府環境保護署進行一項有關應用衛星影像科技以管理香港海域內海洋環境的研究。此研究將開發新的參數收集算法和衛星影像水質監測系統，以改善海洋環境的管理工作。

Investigating the business value of online group chats

Dr Katherine Feng, Assistant Professor of the Department of Management and Marketing, is conducting a study to investigate the role played by information exchange in online chat groups (OCG). The project will extend the understanding of how personal information exchange in online conversations affects user engagement and business outcomes. The findings will provide guidance to help firms strategically manage customer relationships through OCGs and shed new light on conversational commerce.

Innovative cell analysis technology for precision diagnostics in cancer

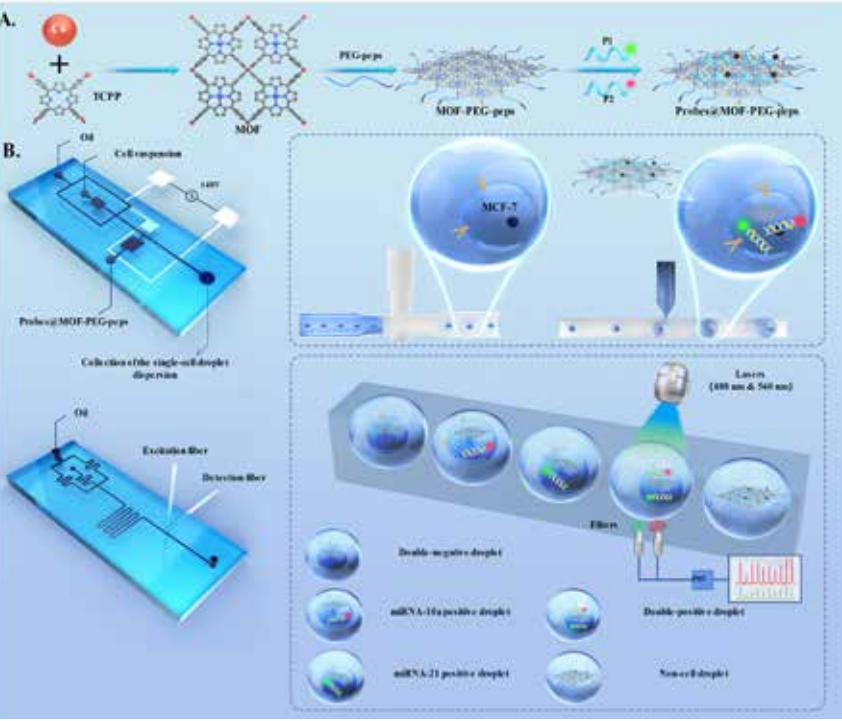
Professor Yang Mo, Associate Head (Research) of PolyU's Department of Biomedical Engineering, has led an interdisciplinary team to develop a multiscale spatiotemporal single-cell analysis technology for precision diagnostics in cancer. The technology has been applied to the detection of cancer stem cell plasticity and heterogeneity under various 3D mechanical microenvironments, and the multi-level study of various biomarkers of single cells, which can be used for precision diagnostics in cancer.

探討在線群組對話的商業價值

管理及市場學系助理教授馮越博士正進行研究，探討於在線聊天群（OCG）中交換資訊的作用，這項研究有助理解在線對話中個人資訊的交換如何影響用戶的參與程度和業務成績。研究結果將可協助企業透過在線聊天群策略性地管理客戶關係，並就對話式商務提供新的觀點。

創新細胞技術準確診斷癌症

理大生物醫學工程學系副系主任（研究）楊莫教授帶領跨學科團隊開發了一種可用於準確診斷癌症多尺度時空單細胞分析技術，此項技術已應用於檢測癌症幹細胞在各種3D機械微環境下的可塑性和異質性，以及對單細胞多方面的生物特徵開展多層次的研究，有助準確診斷癌症。



Creative design enhances the liveability of urban areas

Ir Professor Niu Jianlei, Chair Professor of PolyU’s Department of Building Environment and Energy Engineering, and his research team are conducting a study into the design of “open streets” that could act as heat resilient hubs in cities, similar to an oasis in a desert. The team will develop a design methodology enabled by technology, including geographic information system (GIS), building information modelling (BIM), artificial intelligence (AI) and machine learning. Contemporary architectural design and planning practices need to evolve to enhance the liveability and sustainability of urban areas to cope with a rapidly changing climate.

創意設計提升城市宜居水平

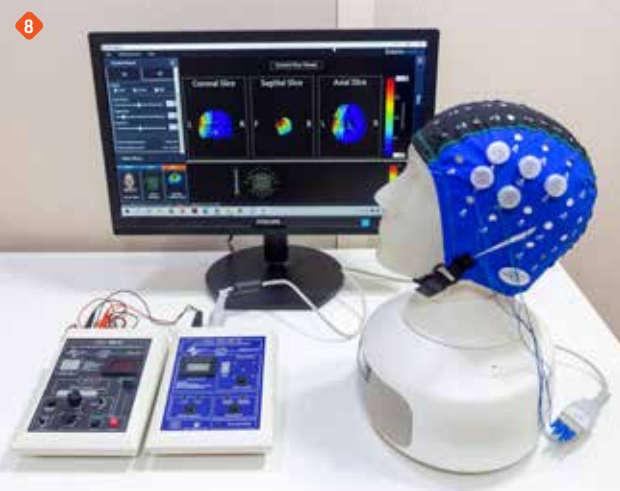
理大建築環境及能源工程學系講座教授牛建磊教授及其團隊正就「開放街道」的設計進行研究，「開放街道」可以作為城市抵抗熱力的中心，就如沙漠中的綠洲。團隊會運用地理資訊系統、建築資訊模型、人工智能與機器學習等科技，開發一套設計方法。現代建築設計和規劃模式需要有所改變，以提高城市的宜居性和可持續性，應對急劇的氣候變化。

8 Enhancing the treatment of post-stroke dysarthria

A considerable number of stroke patients suffer from dysarthria, a speech production deficit that often affects their breathing, articulation, and speech rate and volume. Speech therapy is often needed for a long period of time, while limited treatment efficacy has been reported. Dr Wong Min-ney, Assistant Professor of the Department of Chinese and Bilingual Studies, is conducting a study on modulating the primary motor cortex using high-definition transcranial direct current stimulation (tDCS) to enhance the effectiveness of speech therapy and improve the speech intelligibility among dysarthric patients. The outcomes of the study will have a high clinical value, and may contribute to changing the current intervention regime for post-stroke dysarthria.

改善中風後構音障礙患者的治療

不少中風病人患有構音障礙，以致影響他們的呼吸、發音、語速和音量。言語治療往往需要進行一段長時間，而且效果亦有限。理大中文及雙語學系助理教授黃敏妮博士正研究透過大腦微電流刺激調節主要運動皮質，以增強言語治療效果，並提高構音障礙患者的言語清晰度。是項研究成果將具重要臨床價值，或有助改變現時中風後構音障礙的治療機制。



Combination therapy to limit myopic eye progression in schoolchildren

It is estimated that around one-tenth of the global population will be highly myopic by 2050. A research team at PolyU’s School of Optometry is conducting a study to determine the clinical effectiveness of bright light therapy on inhibiting myopia progression in schoolchildren, and to determine whether combination therapy with other treatments would be more effective than monotherapy.

綜合療法控制學童近視眼增長

有預測估計，在2050年全球約十分一人口將會患有高度近視。理大眼科視光學院的研究團隊正進行一項研究，以釐定光照治療對抑制學齡兒童的近視發展的臨床成效，及評估綜合治療是否比單一療法更有效。

Solving Large-Scale Linear Programming Models for Production Planning

Professor Sun Defeng, Chair Professor and Head of the Department of Applied Mathematics, and his research team have developed a series of novel techniques and an optimisation solver to resolve the huge-scale linear programming problems incurred in the production planning of the multinational technology company Huawei. The solution outperforms existing commercial software and has been incorporated into the daily production planning of Huawei.

大規模規劃技術 協助跨國科企生產安排

應用數學系講座教授及系主任孫德鋒教授及其團隊研發了一系列創新技術及優化解決方案，為跨國科技公司華為回應大規模線性生產安排問題。該解決方案優於現有的商業軟件，並已成功應用於華為的日常生產安排。

Monitoring and forecasting tourism demand using online data

Dr Neil Li, Assistant Professor of the School of Hotel and Tourism Management, and his team have successfully used search traffic and social media data to monitor and forecast tourism demand in Hong Kong. The research, which uses AI and econometric methods, will enable Hong Kong to establish an automated, real-time, big-data-powered tourism demand monitoring and forecasting system to assist with the industry’s recovery.

利用網上數據監測和預測旅遊需求

酒店及旅遊業管理學院助理教授李恒雲博士及其團隊成功利用搜尋流量和社交媒體數據來監測和預測香港的旅遊需求。該項以人工智能和計量經濟學方法為基礎的研究項目，將可推動香港建立自動、實時、並由大數據驅動的旅遊需求監測和預測系統，有助本港旅遊業的復甦。

Comparing distance design collaboration with co-located design collaboration

COVID-19 social distancing restrictions have changed the way in which designers communicate and interact with others. Dr Shih Yi-teng, Assistant Professor of the School of Design, is comparing the behaviour and performance of designers in co-located and distance design collaborations to investigate whether distance design collaboration affects thinking patterns, design interactions and design outcomes.

比較遠程和同地的設計協作模式

新冠疫情引致的社交距離限制改變了設計師與他人交流和互動的方式。設計學院助理教授施奕騰博士透過比較多位設計師在同地設計和遠程設計協作活動中的行為和表現，從而了解遠程設計協作會否對思維模式、設計互動及設計作品造成影響。

Awards for Inventions and Innovations
創新發明獎項

2022 Inventions Geneva Evaluation Days 2022 年瑞士日內瓦「國際發明展」

Award 獎項	Project / Principal Investigator 項目 / 主要研究人員	
Gold Medal with Congratulations of the Jury 評審團嘉許金獎	Camera Pointing System for China's Lunar Exploration Missions (Chang'e 3 and 4) 中國探月任務（嫦娥三號及四號）專用相機指向系統	
	Professor Yung Kai-leung Sir Sze-yuen Chung Professor in Precision Engineering Director of the Research Centre for Deep Space Explorations Chair Professor of Precision Engineering and Associate Head, Department of Industrial and Systems Engineering 容啟亮教授 鍾士元爵士精密工程教授、深空探測研究中心主任、 精密工程講座教授、工業及系統工程副系主任	
Gold Medal 金獎	UmiCool: an Eco-friendly Smart Sub-ambient Radiative Cooling (SSRC) Coating UmiCool環保智能亞環境輻射致冷（SSRC）塗料	
	Professor Dai Jianguo Professor and Associate Head, Department of Civil and Environmental Engineering 戴建國教授 土木及環境工程學系教授及副系主任	
Silver Medal 銀獎	Carbon-negative Climate-smart Biochar Partition Block 負碳氣候智能生物炭隔牆磚	
	Professor Daniel Tsang Chiu-Wa Professor, Department of Civil and Environmental Engineering 曾超華教授 土木及環境工程學系教授	

Award 獎項	Project / Principal Investigator 項目 / 主要研究人員	
Silver Medal 銀獎	Omni-Cool-Dry™: a Desert Beetle Inspired Skin-like Fabric for Dymanic Thermal and Moisture Management Omni-Cool-Dry™ 靈活調節熱量及濕度的仿皮膚物料	
	Dr Shou Dahua Assistant Professor, School of Fashion and Textiles 壽大華博士 時裝及紡織學院助理教授	
Silver Medal 銀獎	AkkMore™: a Fungus and Plant Based Supplement Against Obesity or Prediabetes AkkMore™:以真菌及植物為基礎的抗肥胖或糖尿病前期 營養補充劑	
	Dr Gail Chang Jinhui Research Assistant Professor, Department of Applied Biology and Chemical Technology 常金輝博士 應用生物及化學科技學系助理教授（研究）	
Bronze Medal 銅獎	Algorithmic Music Composition Software for Popularising AI Education 普及人工智能教育的算法作曲軟件	
	Dr Chen Gong PhD alumni, Department of Computing 陳功博士 電子計算學系博士校友	

President’s Awards for Outstanding Achievement in Knowledge Transfer

To recognise the knowledge transfer efforts of staff, and the significant positive impact they have had on industry and society, PolyU set up the President’s Awards for Outstanding Achievement in Knowledge Transfer. For the year 2021, the 10 individuals or teams that won the award have made contributions in areas ranging from space exploration, smart energy, smart city, and optometry, to education, transportation, healthcare, and fabric and printing technology.

校長特設傑出成就獎 (知識轉移)

理大設立「校長特設傑出成就獎 (知識轉移)」，以表揚致力推動知識轉移及造福工商業界和社會的教職員。在2021年獲獎的十位傑出研究人員及其團隊，分別在太空探索、智慧能源、智慧城市、視光學、教育、交通、健康，以及紡織及印刷技術範疇作出貢獻。

Society Team Award (*indicating the Principal Investigator)
社會類別隊際獎項 (* 者為首席研究員)

Department of Chinese and Bilingual Studies
*Professor Chan Shui-due (left),
Research Professor,
Professor Zhu Xinhua (right), Professor
中文及雙語學系
* 陳瑞端教授 (左)，教授 (研究)
祝新華教授 (右)，教授

Academic Research on Chinese Language Education with Impact
on Knowledge Construction, Policy and Teaching Practice
優化知識建構、教育政策及教學實踐的中國語文學術研究

The scholars have contributed to the shaping of the Chinese language curriculum, updating the practical and integrated language skills students need to keep abreast of the times, encouraging higher-level thinking among students, bridging the gap in Chinese proficiency between non-Chinese speaking students and ethnic Chinese ones, and improving language assessment standards.

理大中文及雙語研究系的學者為中國語文課程的發展貢獻良多，包括提升學生的實用及綜合語文能力，鼓勵學生運用高階思維，縮窄華裔及非華裔學生的中文水平差距，以及完善語文評估標準。

Industry Individual Awards (listed in alphabetical order of researchers' surnames)
行業類別個人獎項 (按研究學者的英文姓氏排序)

Department of Aeronautical and Aviation Engineering
Dr Hsu Li-ta, Associate Head and Associate Professor
航空及民航工程學系
許立達博士，副系主任及副教授

3D Mapping Aided GNSS for Effective Positioning and Navigation in Urban Areas
提升城市定位精準度的三維城市模型輔助GNSS定位技術

The 3D mapping aided GNSS technology improves positioning accuracy in dense urban areas, such as Hong Kong and Tokyo, by ten times. The research team will develop key positioning and navigation algorithms that can improve the experience of more than 40 million smartphone and autonomous vehicle users in the world.
三維城市模型建圖輔助GNSS定位技術可將城市定位精準度提高十倍，適用於香港及東京等密集市區。研究團隊將開發關鍵的定位及導航演算法，為逾四千萬智能手機及自動駕駛汽車使用者提升用戶體驗。

Department of Applied Biology and Chemical Technology
Professor Li Pei, Professor
應用生物及化學科技學系
李蓓教授，教授

Nano-based Anti-erasing Ink for Printing on Plastic Surfaces
應用於塑料表面印刷的納米抗擦墨

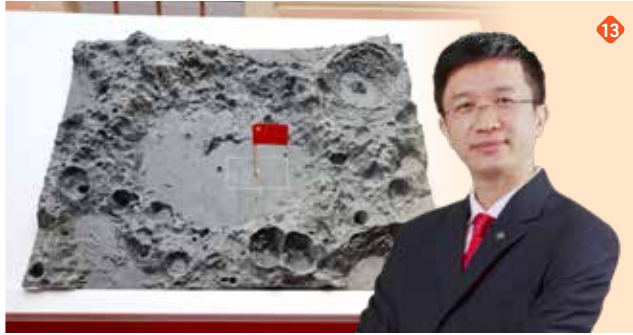
Department of Land Surveying and Geo-Informatics
Professor Wu Bo, Associate Head (Research) and Professor
土地測量及地理資訊學系
吳波教授，副系主任 (研究) 及教授

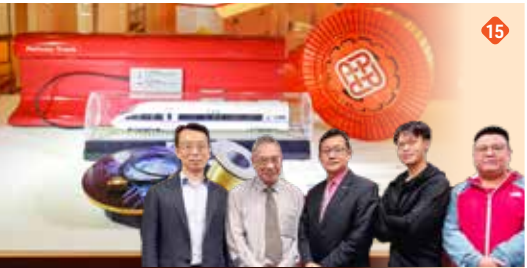
Advanced Topographic Mapping and Geomorphological Analysis Technologies Contributing to Landing Site Selection in Space Exploration Missions
應用於太空探索任務選取著陸點的先進地形測量及地貌分析技術

Department of Biomedical Engineering
Ir Professor Zheng Yong-ping, Chair Professor of Biomedical Engineering
生物醫學工程學系
鄭永平教授、工程師，生物醫學工程講座教授

Scolioscan: a 3D Ultrasound Imaging System for Radiation-free Scoliosis Assessment
Scolioscan：評估脊柱側彎的無輻射三維超聲波成像系統

Scolioscan is a radiation-free 3D ultrasound scanning system designed for scoliosis screening and monitoring spinal curvature progression without any radiation hazard.
Scolioscan無輻射三維超聲波掃描系統乃專為篩查及監測脊柱側彎發展而設，使用期間不會為患者帶來任何輻射危害。





Industry Team Awards (*indicating the Principal Investigator; listed in alphabetical order of Principal Investigators' surnames)
行業類別隊際獎項 (* 者為首席研究員；按首席研究員的英文姓氏排序)

15 ◆ Department of Electrical Engineering
*Professor Tam Hwa-yaw (centre), Chair Professor of Photonics
Ir Dr Lee Kang-kuen (second from left), Professor of Practice
Dr S. Y. M. Liu (first from left), Senior Scientific Officer
Dr Stephen Cho Lok-hin (second from right), Research Fellow
Mr David Au Ho-yin (first from right), Project Associate
電機工程學系
* 譚華耀教授 (中)，光電子講座教授
李鏡權博士、工程師 (左二)，運輸實務教授
廖信儀博士 (左一)，高級科學主任
曹諾軒博士 (右二)，研究員
區浩然先生 (右一)，副項目員

Predictive Maintenance Railway Monitoring System Based on Optical Fibre Sensing
基於光纖傳感技術的預測性維護鐵路監測系統

The system can identify potential faults on a rail track in advance by detecting excessive and abnormal vibrations.
此系統能夠偵測路軌上過度及異常的振動，及早識別潛在故障。

16 ◆ School of Fashion and Textiles
*Professor Tao Xiaoming (centre), Chair Professor of Textile Technology
Professor Xu Bingang (right), Professor
Dr Hua Tao (left), Associate Professor
時裝及紡織學院
* 陶肖明教授 (中)，紡織科技講座教授
徐賓剛教授 (右)，教授
華濤博士 (左)，副教授

Nu-Torque™: a Breakthrough in Yarn Manufacturing Technology for Better Textile Properties
扭妥™：提升織物性能的突破性紗線生產技術

Nu-Torque™ is a revolutionary yarn-spinning technology that uses physical means to create yarns with lower torque and twist, while achieving the same strength as conventionally spun yarns. Compared with conventional yarn-spinning technology, Nu-Torque™ also improves productivity, saves energy and reduces pollution.
革命性的扭妥™技術利用物理方法紡紗，製成品有較低的扭矩和捻度，但其強度則媲美傳統紗線。相比傳統的紡紗技術，扭妥™能提高生產力，節省能源及減少污染。

17 ◆ School of Optometry
*Professor To Chi-ho (centre), Chair Professor of Experimental Optometry
Professor Carly S. Y. Lam (left), Professor
Dr Dennis Tse Yan-yin (right), Associate Professor
眼科視光學院
* 杜嗣河教授 (中)，科研眼科視光學講座教授
林小燕教授 (左)，教授
謝欣然博士 (右)，副教授

Myopic Defocus Technology for Myopia Control in Children
控制兒童近視加深的光學離焦技術

The technology controls myopia by using vision correction simultaneously with myopic defocus. The technology led to the invention of two products, DISC soft contact lens and DIMS spectacle lens, both proven to slow myopia progression among children by about 60%.
是項技術同時利用矯視及光學離焦控制近視，造就了光學離焦軟性隱形眼鏡及多區正向光學離焦眼鏡鏡片兩項發明，兩者均已獲證實可減慢兒童的近視加深速度達60%。

18 ◆ Department of Building Environment and Energy Engineering
*Ir Professor Wang Shengwei (second from left), Chair Professor of Building Energy and Automation
Professor Xiao Fu (second from right), Professor
Dr H. X. Li (first from right), Research Assistant Professor
Dr Shan Kui (first from left), Research Assistant Professor
建築環境及能源工程學系
* 王盛衛教授、工程師 (左二)，建築能源與自動化講座教授
肖賦教授 (右二)，教授
黎航欣博士 (右一)，助理教授 (研究)
單奎博士 (左一)，助理教授 (研究)

Smart Life-cycle Optimisation and Diagnostic Technologies for Buildings Energy Saving
建築全生命週期智慧優化及診斷節能技術

A number of smart technologies have been developed to enhance a building's energy efficiency by optimising decisions throughout its life cycle, from the design stage to the operational stage.
研究團隊開發了一系列智慧科技，範疇涵蓋從設計到運行階段的整個建築生命週期，能有效優化建築能源效益。

Advanced Precision Engineering for Space Missions and Industrial Applications
用於太空探索任務和工業應用的先進精密工程

PolyU's innovative engineering solutions, including its Camera Pointing System, Surface Sampling and Packing System, and Mars Landing Surveillance Camera, have made contributions to several of the Nation's space explorations. Back on Earth, the high-precision engineering knowledge has been applied to robotics, creating advanced robots, such as the in-line pipe robot for water pipe inspection and repair.
理大憑藉創新工程技術，為國家數個太空探索任務作出貢獻，包括研發相機指向系統、表取採樣執行裝置及落火狀態監視相機。有關精密工程技術亦應用於機械人學，以製作先進的機械人，例如用於水管檢查及維修的管道機械人。

Department of Industrial and Systems Engineering
*Ir Professor Yung Kai-leung (centre, in black)
Chair Professor of Precision Engineering
Mr Ko Sui-man, Senior Scientific Officer
Mr Sam C. W. Lam, Scientific Officer
Dr Kwan Folk-year, Senior Project Fellow
Mr Chan Chi-leung, Project Fellow
Dr James Abbott Foster, Project Fellow
Mr Tang Jing-jung, Project Fellow
Ms Nicole Chan Chi-wa, Project Associate
Mr Eno Lam Ho-yat, Project Associate
Mr Michael Lok Ching-ho, Project Associate
Mr Sky Tam, Project Associate
Ms Joanne Wong, Project Assistant
Mr Choi Sheung-wai, Research Assistant

工業及系統工程學系
* 容啟亮教授、工程師 (中)
精密工程講座教授
高瑞文先生，高級科學主任
林志和先生，科學主任
關福延博士，高級項目員
陳志梁先生，項目員
James Abbott Foster 博士，項目員
鄧政中先生，項目員
陳祉樺女士，副項目員
林浩一先生，副項目員
駱正豪先生，副項目員
譚偉明先生，副項目員
黃曄庭女士，項目助理
蔡上尉先生，研究助理

Industrial Centre
Ir Dr Robert Tam Wai-man, Associate Director
Mr Kong Kang-hoi, Senior Engineer
Ir Juliana Tam Mei-yuk, Engineer
Mr Chan Kwan-yau, Associate Engineer
Mr Chang Ka-ho, Associate Engineer
Mr Cheung Cheuk-kin, Associate Engineer
Mr Dragon Li Yan-lung, Associate Engineer
Mr Wan Chan-tong, Associate Engineer
Mr Alan Yu Tin-lun, Associate Engineer
Mr Tang Wing-lok, Assistant Engineer
Mr Billy Wan Chin-ting, Assistant Engineer
Mr Ho Yiu-cheong, Technical Assistant
Mr So Kin-tak, Project Assistant
Mr Chan Chi-keung, Project Technical Assistant
Mr Chan Hon-man, Project Technical Assistant

工業中心
譚惠民博士、工程師，副總監
江鏡海先生，高級工程師
譚美玉工程師，工程師
陳均友先生，副工程師
鄭嘉豪先生，副工程師
張卓健先生，副工程師
李殷龍先生，副工程師
尹燦棠先生，副工程師
余天麟先生，副工程師
鄧榮樂先生，助理工程師
溫展霆先生，助理工程師
何耀昌先生，技術助理
蘇建德先生，項目助理
陳志強先生，項目技術助理
陳漢民先生，項目技術助理

Young Innovative Researcher Award (YIRA)

The University launched the Young Innovative Researcher Award (YIRA) to recognise PolyU researchers under the age of 35 whose research has demonstrated innovative thinking, contributed to technological advancement and turned innovative ideas into solutions for societal problems.



Dr Chen Si, Assistant Professor, Department of Chinese and Bilingual Studies
中文及雙語學系助理教授陳思博士



青年創新研究者獎

理大首次舉辦「青年創新研究者獎」，旨在表揚大學35歲以下、在研究方面展現創新思維、對促進科技發展作出貢獻，並且將創新意念轉化為解決社會問題的年輕研究人員。

Robot-assisted training for children with autism spectrum disorders
為自閉症兒童設計機器人輔助訓練方案

Dr Chen Zibin, Assistant Professor, Department of Industrial and Systems Engineering
工業及系統工程學系助理教授陳子斌博士



Ferroelectric materials for new generation memory devices
開發鐵電材料供新一代的存儲器應用

Mr Daniel Keith Elkin, Assistant Professor, School of Design
設計學院助理教授Daniel Keith Elkin先生



Tai O village pedestrian traffic monitoring project; Stilt house 3D scanning project; Lantau conservation fund village revitalisation project
大澳行人交通監測項目、棚屋三維掃描項目、大嶼山保育基金鄉村活化項目

Dr Franco Leung King-chi, Assistant Professor, Department of Applied Biology and Chemical Technology
應用生物及化學科技學系助理教授梁敬池博士



Photo-responsive amphiphiles for supramolecular robotic systems
用於超分子機械人系統的光反應性雙親化合物

Dr Benedict Lo Tsz-woon, Assistant Professor, Department of Applied Biology and Chemical Technology and Department of Applied Physics
應用生物及化學科技學系及應用物理學系助理教授勞子桓博士



Designing multinuclear solid atomic catalysts for energy and sustainability applications
設計多核固體原子催化劑供能源和可持續發展應用

Dr Tommy Wei Minchen, Associate Professor, Department of Building Environment and Energy Engineering
建築環境及能源工程學系副教授魏敏晨博士



Human vision-based solutions for lighting and imaging systems
基於人眼視覺感知的照明與影像系統解決方案

2021 TechConnect Global Innovation Awards

Dr Shou Dahua, Professor Fan Jintu and Dr Wei Xin, School of Fashion and Textiles
時裝及紡織學院壽大華博士、范金土教授和魏欣博士

Professor Hao Jianhua and Ms Pang Sin-yi, Department of Applied Physics
應用物理學系郝建華教授和彭倩兒女士

Dr Hsu Li-ta and Dr Wen Weisong, Department of Aeronautical and Aviation Engineering
航空及民航工程學系許立達博士和文偉松博士



2021 TechConnect 全球創新獎

Sweatextile: A Nature-Inspired Textile of Unidirectional Water Transport and Dissipation for Moisture Management, Comfort and Protection
「適維泰」——有效促進汗水調節的仿生創新紡織物料

HF-free facile and rapid synthesis of MXenes related materials for Efficient Energy Conversion and Storage Applications
應用於高效能量轉換及儲存的二維過渡金屬碳化物和氮化物的創新合成

3D LiDAR Aided GNSS Precise Positioning for Level 4 Autonomous Driving
用於自動駕駛的三維雷射雷達精確定位技術

2022 TechConnect Global Innovation Awards

Professor Cai Jing, Department of Health Technology and Informatics
醫療科技及資訊學系蔡璟教授

Professor Hu Hong, School of Fashion and Textiles
時裝及紡織學院胡紅教授

Dr Shou Dahua, Professor Fan Jintu and Dr Huang Guanghan, School of Fashion and Textiles
時裝及紡織學院壽大華博士、范金土教授和黃光漢博士

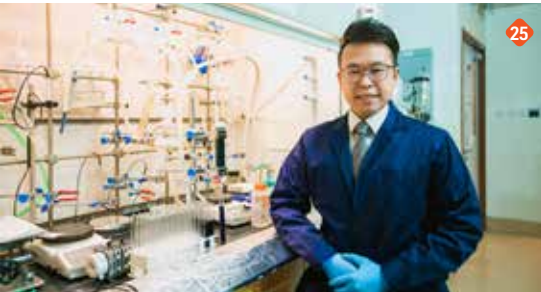
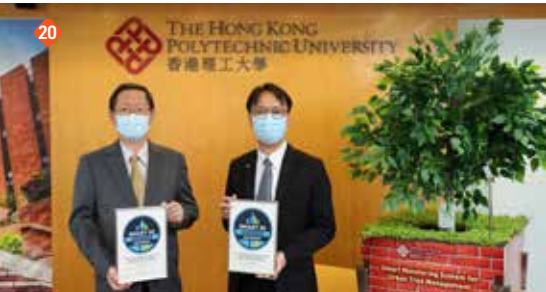


2022 TechConnect 全球創新獎

AI-Empowered Chest X-Ray and CT Quantitative Analysis for COVID-19 Patient Management
應用於治理新冠肺炎患者的人工智能輔助胸部X光和CT定量分析技術

Moisture-Absorbing and Sweat-Releasing Multilayer Polylactic Acid Fabric and Manufacturing Technology
吸濕排汗多層聚乳酸面料及其製造技術

Omni-Cool-Breath: A Smart Air-Conditioned Mask
Omni-Cool-Breath 智能空調口罩



Smart 50 Awards

智慧 50 大獎

20 ◆	Professor Charles Wong Man-sing, Professor, Department of Land Surveying and Geo-Informatics 土地測量及地理資訊學系教授黃文聲教授	First-Ever Smart Tree Monitoring Project Using Low-Power Wireless Network for Urban Forestry and Tree Management 首個使用低功耗無線網絡的城市樹木監測及管理智能系統
21 ◆	Mr Daniel Elkin, Assistant Professor, School of Design 設計學院助理教授 Daniel Elkin 先生	The Tai O Village Pedestrian Traffic Monitoring Project 大澳村行人交通監察計劃
22 ◆	Professor John Shi, Director of Otto Poon Charitable Foundation Smart Cities Research Institute and Chair Professor of Geographical Information Science and Remote Sensing, Department of Land Surveying and Geo-Informatics 潘樂陶慈善基金智慧城市研究院院長、土地測量及地理資訊學系地理信息科學與遙感講座教授史文中教授	A Comprehensive Spatial Analysis and Onset Risk Prediction Platform for the COVID-19 Pandemic in Hong Kong 香港新冠病毒空間分析及風險預測平台

The 3rd Human City Design Award

第三屆人類城市設計獎

Grand Prize

總冠軍

23 ◆	The “House of Dreams” The project was initiated by the research team led by Associate Dean Peter Hasdell of PolyU’s School of Design and Kuo Jze Yi, Assistant Professor of the School of Architecture and Urban Planning at Shenzhen University; and was co-designed and implemented by Dr Ku Hok-bun from the Department of Applied Social Sciences of PolyU and other parties.	「夢裡老家」 項目由理大設計學院副院長 Peter Hasdell 與深圳大學建築與城市規劃學院助理教授郭子怡領導的研究團隊發起，並由理大應用社會科學系古學斌博士及其他參與者共同設計及執行。
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Clair C. Patterson Award 2022

2022年度國際Clair C. Patterson Award

◆24

Professor Li Xiangdong, Dean of the Faculty of Construction and Environment, Director of the Research Institute for Sustainable Urban Development, Chair Professor of Environmental Science and Technology, and Ko Jan Ming Professor in Sustainable Urban Development

李向東教授
建設及環境學院院長、可持續城市發展研究院院長、環境科學和技術講座教授及高贊明可持續城市發展教授

Croucher Innovation Award 2021

裘槎前瞻科研大獎2021

◆25

Dr Franco Leung King-chi, Assistant Professor, Department of Applied Biology and Chemical Technology

梁敬池博士
應用生物及化學科技學系助理教授

Huawei ICT Competition 2021-2022

華為 ICT大賽 2021-2022

◆26

- First Prize award in the Practice-Cloud track in the global final stage
PolyU student team “Polynomials” under the guidance of Dr Xu Yang, Assistant Professor of the Department of Land Surveying and Geo-Informatics (LSGI):
Zhong Xiuming (LSGI)
Tang Man-kit & Feng Yunlin (Department of Computing)

- 全球總決賽實踐賽雲賽道一等獎
由土地測量及地理資訊學系助理教授徐陽博士指導的理大學生團隊「多項式」：
鍾秀明（土地測量及地理資訊學系）
豐蘊霖、鄧文傑（電子計算學系）

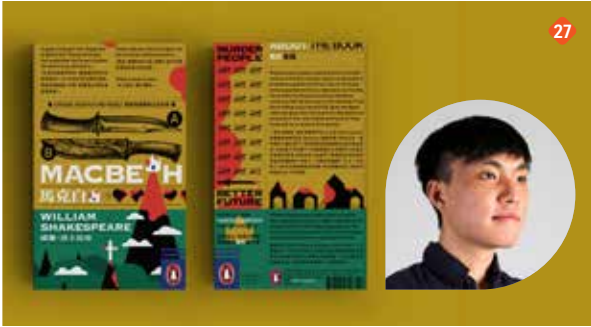
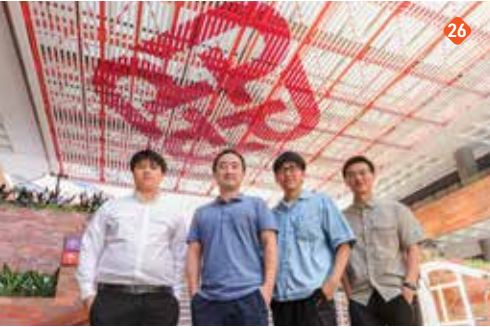
DesignRush Global Student Design Competition 2021

DesignRush全球學生設計比賽

◆27

- Best Graphic Designer and Winner of the overall category
Thomas Wong Ho-lam (School of Design)

- 平面設計組別冠軍和跨組別總冠軍
黃皓霖（設計學院）



Holistic Entrepreneurship Development 全面創業發展

Building a Robust Entrepreneurial Ecosystem through Education and Support

加強教育 全程支援 建立多樣化創業生態圈

PolyU is strongly committed to promoting entrepreneurship development. We aim to nurture future-ready leaders by helping students acquire the interdisciplinary knowledge and innovative and entrepreneurial thinking skills needed to solve the challenges of the world. We also aim to translate PolyU's research excellence into real-world products and solutions through startups. Furthermore, we hope to develop a stream of high-quality startups to support innovation and technology development in the Greater Bay Area and beyond.

理大竭力推動創業發展，透過傳授跨學科知識、創新創業思維和技巧，裝備學生成為未來領袖，應對世界挑戰。我們亦致力將理大卓越的科研，通過初創企業，轉化為應用於現實社會的產品和方案，並期望培育高質素的初創企業，支持大灣區和其他地區的創新科技發展。





Supporting entrepreneurship, encouraging innovation

支持創業 鼓勵創新

PolyU has long supported entrepreneurial endeavours in order to maximise the impact of its research and innovation. The University has developed a number of support mechanisms, ranging from recognition and funding, to policies and guidelines, to create an environment conducive to knowledge transfer and entrepreneurship.

Leveraging our advantages in education and research, PolyU provides comprehensive support to academic and student-led startups at different stages, from training, mentoring and funding, to education and incubation, to accelerate and strengthen their development.

The University has rolled out the "PolyVentures" initiative, in partnership with industry and investors, to create a startup ecosystem tailored to aspiring entrepreneurs among PolyU students, alumni, academics, and research staff, to help them translate PolyU's research outcomes into real-world impact.

理大一直支持創新創業，使科研和創新科技發揮最大的影響力。理大設立了一系列支援機制，包括給予認可、提供資金，以及制定政策和指引，營造了鼓勵知識轉移和培育創業家精神的氛圍。

憑藉教育和科研優勢，理大在不同階段向學者和學生主導的初創企業提供支援，包括培訓、資金、教育和孵化，加強和加速初創發展，十分全面。

理大積極連繫業界和投資者，開展「理大科創」計劃，建立初創生態圈，啟迪理大學生、校友、學者和研究員成為創業家，並協助他們將理大的科研成果轉化，造福社群。



Grooming innovative ventures 理大科創速覽



Total startups
理大的初創企業

450+

Academic-led startups
學者領導的初創企業

29



Tech startups
科技初創企業

220+



Design and social startups
設計和社會初創企業

230+

International and
local awards
獲得國際和本地獎項

310+



4

Unicorns 理大的「獨角獸」

HAI ROBOTICS

Hai Robotics, founded in 2016 by Mr Richie Chen and Mr Fang Bing, graduates of the Department of Electronic and Information Engineering of PolyU, is a startup that provides world-leading autonomous case-handling robotic systems.

海柔創新由理大電子及資訊工程學系畢業生陳宇奇先生和房冰先生於2016年創辦，提供領先全球的自動化箱式倉儲機械人系統。

ECO FLOW

EcoFlow, founded in 2017 by Dr Bruce Wang, a graduate of the Department of Mechanical Engineering, provides industry-leading portable power solutions, solar technology, and the world's first smart home ecosystem.

正浩創新科技由理大機械工程學系畢業生王雷博士於2017年創立，提供領先業界的可攜式電力方案、太陽能科技和全球首個智能家居生態系統。

GOGO X

Co-founded by PolyU graduate Mr James O in 2013, GoGoX is one of the first mobile app-based logistics platforms in Asia revitalising the traditional logistics industry with innovative technology.

GoGoX由理大畢業生柯興邦先生於2013年共同創立，是亞洲最早期、基於手機應用程式的物流平台之一，透過利用創新科技，革新傳統的物流行業。

aftership

Aftership, co-founded in 2012 by Mr Dante Tsang, a graduate of the Associate in Information Technology programme, is a startup that offers a suite of automation tools. It helps businesses with sales, marketing, order management, and shipment tracking. Aftership由資訊科技副學士畢業生曾慧俊先生於2012年共同創立，提供一系列的自動化工具，協助商戶營銷、市場推廣、管理訂單和追蹤貨運。

3

Included in Forbes Asia 100
to Watch List
入選《福布斯亞洲》亞太區
值得關注的100家企業



viAct

spaceship

Grand Rise Technology 佳昇科技



Education and ideation programmes that plant the seed of entrepreneurship

創業教育激勵構思 播下創業家種籽

1 Entrepreneurship education

In the academic year 2022/23, PolyU embedded the important elements of "Innovation and Entrepreneurship" and "Artificial Intelligence and Data Analytics" into its undergraduate curriculum. The University will continue to foster the next generation innovators through the College of Undergraduate Researchers and Innovators, and the Undergraduate Research and Innovation Scheme, launched in 2021. PolyU has long included innovation and entrepreneurship as a core component of its all-around educational model. Its highly experiential and practical entrepreneurship education programmes have enhanced students' entrepreneurial mindset and innovation capabilities.

2 PolyHack 2022

PolyU launched "PolyHack 2022" to generate interest in entrepreneurship and create a sustainable series of student-initiated hackathons. In its founding year in 2022, PolyHack attracted more than 330 participants from 23 locations around the world, representing over 60 institutions and 46 projects. The theme of this year's global hackathon was "Life in 4.0", featuring three major domains: Blockchain, FinTech and Smart City. During the 14-day hackathon, 18 virtual events were held. Participants shared their creative ideas about using innovative technologies to tackle future challenges.

創業教育

理大於2022/23學年，將「創新及創業」和「人工智能數據分析」元素加入本科生核心課程。大學將會繼續通過「本科生科研創學院」和2021年開展的「本科生科研計劃」，培養年輕人對科研創新的興趣。創新和創業一直是理大全人教育模式的核心元素。大學透過從經驗出發和實用的創業教育課程，加強理大學生的企業家精神和創新能力，並為其未來成為創業家打好基礎。

理大編程馬拉松2022

理大舉行「理大編程馬拉松2022」以激發創業興趣，並創造一個可延續、由學生主導的編程馬拉松活動系列。理大在2022年首次舉辦編程馬拉松，吸引了來自全球23個地區超過60家機構共逾330名參加者遞交46個項目。今年這個國際編程馬拉松的主題是「生活4.0」，特別探討區塊鏈、金融科技和智慧城市等三個領域。大會在14日的編程馬拉松活動中舉辦了18場實體活動。參加者發揮創意、構思應用創新科技應對未來挑戰。

Proof-of-Concept (POC) Funding Scheme 2.0

With the aim of instilling a problem-driven innovation mindset in young people, the POC Scheme was enhanced to POC 2.0 to support the ideation and prototyping of student innovations. In 2021/22, the Scheme engaged 139 students and granted funding support to 38 projects. It also supports and prepares students to participate in local and overseas innovation and entrepreneurship competitions. PolyU teams won 29 awards in 2021/22, the highest number ever recorded.

Future Challenge Competitions

The University launched a series of domain-based entrepreneurship competitions called "PolyVentures Future Challenge". The purpose of the competitions is to foster startups in focused domains, including Smart City, Healthcare, and Sustainability. During the year, competitions focusing on the themes of Smart City and Health were held.

PolyU's Entrepreneurship Society and InnoHub

In 2021/22, the student-initiated PolyU Entrepreneurship Society recruited 124 new members to expand the entrepreneurship community, increasing the total membership to 772. The University hosted 16 entrepreneurship events through PolyU InnoHub, attracting more than 1,200 participants. Furthermore, The PolyVentures Mentorship Programme was enhanced based on different domains to provide systematic support to PolyU startups. A total of 31 industry and professional mentors have been engaged to advise and guide PolyU startups at different stages of development.

概念驗證基金計劃2.0

理大的學生創業概念驗證基金計劃旨在啟發年輕人以解難為導向的創新思維，計劃現已優化為2.0版本，支持學生構思創新點子，並製作產品原型。在2021/22年度，計劃吸引了139名學生參與，並資助了38個項目。計劃更支援學生參與本地或海外的創新和創業比賽。2021/22年度共有29隊理大隊伍獲獎，突破歷年紀錄。

未來挑戰賽

理大舉辦一連串以特定範疇為主題的創業比賽，名為「PolyVentures未來挑戰賽」，比賽目的是就特定範疇，包括智慧城市、醫護和可持續發展等，培育初創企業。年內舉辦了以智慧城市和健康為主題的比賽。

理大創業學會和 InnoHub

於2021/22年度，由學生主導的理大創業學會招募了124個新成員，擴大創業社群，總會員人數已增加至772人。理大亦於PolyU InnoHub舉辦了16場創業活動，吸引超過1,200名參與者。此外，大學優化PolyVentures導師計劃，按各個專業領域為理大初創企業提供有系統的支援；合共31個行業和專業的導師參與了計劃，為不同發展階段的初創企業提供意見和指導。



Incubation support to nurture growth and development of startups

孵化支援 培育初創成長與發展



4 PolyU Micro Fund Scheme 2.0

Launched in 2011, the Micro Fund Scheme was the first funding initiative to cultivate innovative and entrepreneurial spirit in the PolyU community, and to promote knowledge transfer and the commercialisation of PolyU’s innovations and technologies. Each selected startup is awarded up to HK\$120,000 and receives pre-incubation support. In 2021, PolyU has partnered with the Hong Kong Science and Technology Parks Corporation (HKSTP) to enhance the Micro Fund to be 2.0 Scheme. It helps accelerate the rate at which PolyU startups enter HKSTP’s ideation and incubation programmes.

理大微型基金計劃 2.0

理大於2011年率先推出微型基金計劃，在理大社群中營造創新和創業氛圍，推廣知識轉移和將理大創新科技商品化。每家獲選的初創可獲得最多12萬港元資金和孵化階段前的支援。2021年，理大與香港科技園公司合作，將理大微型基金升級為2.0計劃，以促成理大的初創企業進入科技園的創科構思和孵化計劃。

5 GBA Startup Postdoc Programme

PolyU piloted the GBA Startup Postdoc Programme in Shenzhen in 2019 to nurture research-based startups. The first of its kind in Asia, the programme offers dual academic supervision and industry mentorship for doctoral graduates to commercialise their research technologies, while exploring startup opportunities. Building on its success in Shenzhen, the programme was extended to Hong Kong in 2022, boosting the number of admitted postdocs from six in 2020/21 to 20 in 2021/22.

創新應用博士後計劃

理大於2019年在深圳開展創新應用博士後計劃，培育以研究為基礎的初創企業。這個亞洲首創的計劃，向博士研究生提供學術指導和業界導師指導，協助他們「雙軌發展」，促成研究技術商品化，同時探索創業契機。建基於計劃在深圳的成功經驗，是項計劃在2022年推展至香港，獲取錄博士後的數目由2020/21年度的6個，增加至2021/22年度的20個。



PolyU Maker Fund — one-of-the first GBA Hardware Incubation Programmes

With the support of the Youth Development Fund of the former Home Affairs Bureau, PolyU has launched the PolyU Maker Fund, an all-in-one hardware incubation programme which offers startups two-year “idea-to-product” incubation, including funding support, practical industry guidance and mentoring. PolyU has partnered with HKSTP to launch the GBA Maker Express programme, to help Hong Kong hardware innovators turn their creative ideas into market-ready products with commercial viability.

理大創客基金 — 首個大灣區硬件孵化計劃之一

在前民政事務局的青年發展基金支持下，理大開展一站式硬件孵化計劃「理大創客基金」，該「由概念至產品」的孵化計劃為期兩年，為初創提供資金、實用行業指引和導師指導等。理大與科技園合作推展「大灣區快線計劃」，協助香港的硬件發明家將創新意念轉化為可推出市場的產品。

Entrepreneurship Investment Fund

To nurture startups that have the potential to become signature ventures, PolyU has leveraged its local and regional networks of mentors, investors, strategic partners, and investment funds to accelerate the growth and expansion of early-stage startups. With the establishment of the Entrepreneurship Investment Fund, PolyU has been screening potential startups involving its academic staff, researchers, students or alumni for investment review and consideration.

創業投資基金

為培育有潛力發展成為具規模的初創企業，理大利用其本地和區域網絡，連繫導師、投資者、策略合作夥伴和投資基金，協助處於發展初期的初創企業加速成長和擴展。理大設立了創業投資基金，識別由理大教職員、研究員、學生和校友創立、具潛力的初創企業，並作投資分析和評估。

PolyU holistic entrepreneurship development framework

理大整全架構 支援創業發展



List of awards won by PolyU students and startups

理大學生與初創 勇奪獎項

Startups/Startup Founders/Projects 初創公司 / 初創公司創辦人 / 項目	Awards 獎項
Grand Rise Technology Limited 佳昇科技	Environmental Impact Award, Alibaba Entrepreneurs Fund/HSBC JUMPSTARTER 2022 Global Pitch Competition 阿里巴巴創業者基金 / 滙豐JUMPSTARTER 2022環球創業比賽環境保護大獎 First Prize, China Functional Nanomaterials Best Investment Value Award, CHInano 2021 Conference & Expo 2021年度中國納米功能材料最具投資價值一等獎
Medmind Technology Limited 醫念科技	Bronze Award, Smart People (Smart Ageing) Award, Hong Kong ICT Awards 2021 香港資訊及通訊科技獎 2021 – 智慧市民 (智慧樂齡) 銅獎 Champion, Hong Kong Social Enterprise Challenge 2021-22 香港社會企業挑戰賽2021-22冠軍
Asiabots Ltd	Bronze Award, Smart Retail Tech Award (Technology Startup), Hong Kong Retail Management Association 香港零售管理協會 2021 智能零售大獎智能零售科技 (科技初創企業) 銅獎
Arise Education Limited	Bronze Award, ICT Startup (Social Impact) Award, Hong Kong ICT Awards 2021 香港資訊及通訊科技獎 2021 – 資訊及通訊科技初創 (社會貢獻) 銅獎
Win Victory Enterprises	Bronze Award, ICT Startup (Software and Apps) Award, Hong Kong ICT Awards 2021 香港資訊及通訊科技獎 2021 (軟件及應用服務) 銅獎
ZHIZI AI Education (Shenzhen) Limited	Bronze Medal, 2022 Geneva International Exhibition of Inventions 2022 年日內瓦國際發明展銅獎
MYCROFT PADISON LTD. 補杯	Bronze Medal, The 7th China International College Students’ “Internet+” Innovation and Entrepreneurship Competition 2021 2021年第7屆中國國際「互聯網+」大學生創新創業大賽銅獎
iMeddy Limited iMeddy 醫療平台	Innovation Award, City I&T Grand Challenge 2021 城市創科大挑戰2021創新獎 Bronze Medal, The 7th China International College Students’ “Internet+” Innovation and Entrepreneurship Competition 2021 2021年第7屆中國國際「互聯網+」大學生創新創業大賽銅獎
Blue Pin (HK) Limited 藍點子 (香港) 有限公司	Bronze Award, Smart Mobility (Smart Tourism) Award, Hong Kong ICT Awards 2021 香港資訊及通訊科技獎 2021「智慧出行 (智慧旅遊)」銅獎 Smart Living Partnership Awards 2021 - Outstanding Smart Hotel Enablement Solution Award 「2021智慧生活夥伴大獎」傑出智能酒店解決方案
Project ‘Online platform to sell fruits of high quality’ 「嘉果——線上優質有機水果銷售平台」項目	Bronze Medal, The 7th China International College Students’ “Internet+” Innovation and Entrepreneurship Competition 2021 2021年第7屆中國國際「互聯網+」大學生創新創業大賽銅獎
Project ‘Intelligent driver health assessment system based on the optical fiber interferometer’ 「基於光纖干涉儀的非接觸式駕駛員健康監測系統」項目	Third Prize, The 17th “Challenge Cup” national inter-varsity competition for extracurricular academic technological projects (Hong Kong and Macau) 第17屆「挑戰盃」全國大學生課外學術科技作品競賽 (港澳地區) 三等獎
Project ‘Habits Log’ 「維健樂」項目	Third Prize, The 17th “Challenge Cup” national inter-varsity competition for extracurricular academic technological projects (Hong Kong and Macau) 第17屆「挑戰盃」全國大學生課外學術科技作品競賽 (港澳地區) 三等獎
Project ‘E”ELRILS’ 「愛而思」項目	Bronze Medal, The 7th China International College Students’ “Internet+” Innovation and Entrepreneurship Competition 2021 2021年第7屆中國國際「互聯網+」大學生創新創業大賽銅獎 Bronze Medal, 2021 Qianhai-Guangdon-Hong Kong-Macaou-Taiwan Youth Innovation and Entrepreneurship Competition (Tertiary Sstudents) 2021 年前海粵港澳台青年創新創業大賽香港區比賽 (大專組) 銅獎

7th Hong Kong University Student Innovation and Entrepreneurship Competition

第 7 屆香港大學生創新及創業大賽

Innovation Stream 創新項目組別

Grand Prize 特等獎	High Performance Solution-Processed Perovskite Solar Cell Towards Sustainable Development 高性能可印刷鈣鈦礦太陽能電池助力可持續發展	Zhang Heng-kai, Ren Zhiwei and Liu Kuan 張恆愷、任志偉、劉寬
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Energy, Environmental and Chemical Engineering 能源、環境和化學工程

First Prize 一等獎	High Performance Solution-Processed Perovskite Solar Cell Towards Sustainable Development 高性能可印刷鈣鈦礦太陽能電池助力可持續發展	Zhang Heng-kai, Ren Zhiwei and Liu Kuan 張恆愷、任志偉、劉寬
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Information Technology 資訊科技

Second Prize 二等獎	Intelligent Driver Health Assessment System Based on the Optical Fiber Interferometer 基於光纖干涉儀的司機智能健康評估系統	Yu Jianxun, Chen Shuyang and Qu Jiaqi 于建勛、陳書暘、曲嘉琪
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Entrepreneurship Stream 創業項目組別

Entrepreneurship Proposal 創業提案

Second Prize 二等獎	Electricity-free Smart Cooling Coating 零耗電智能製冷塗層	Yang Ning and Fu Yang 楊凝、付洋
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Startup 初創企業

Third Prize 三等獎	FJ005	Max Lee Jwo-lem, Ng Hoi-fung, Wen Weisong, Josua Chan Wing-hei and Hsu Li-ta 李卓霖、吳凱峯、文偉松、陳詠禧、許立達
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Third Prize 三等獎	Probiotics Protected by Aerospace Material 航天材料保護益生菌	Gu Yinlin, Yu Xuanjie, Chang Jinhui and Jin Yong 顧英琳、余煒婕、常金輝、金涌
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Social Enterprise / Cultural and Creative Services 社會企業 / 文化和創意服務

Third Prize 三等獎	Best Value 換物無窮	Ng Hoi-kam, Lam Pui-yi, Yip Pui-sze, Ng Yim-hung, Marcus Pang Chee-tsun, and Karen Ashley Yue 吳凱淦、林佩兒、葉佩詩、伍艷紅、彭梓俊、余奇蔚
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Engaging the Nation and International Outreach 參與國家發展及連繫全球

Forging Strong Networks with the Mainland and Overseas

聯繫內地海外 加強合作夥伴網絡

Given Hong Kong's strategic location, PolyU continues to expand its network of partnerships with tertiary and research institutions in the Mainland and overseas to increase the impact of its education, research and knowledge transfer achievements around the world.

憑藉香港具策略性的地理優勢，理大積極與內地和海外的大學和科研機構加強合作，擴展夥伴網絡，以提升在教育、科研與知識轉移方面的國際影響力。

Engaging the Nation
參與國家發展

With a firm presence in Mainland China, PolyU was the first institution in Hong Kong to be invited to visit leading institutions in the Nation back in 1978. Over the years, PolyU has established six regional bases in Beijing, Chengdu, Hangzhou, Shanghai, Shenzhen and Xi'an.

PolyU continues to collaborate with leading universities in the Mainland through its six regional bases. Building on the strengths of these regional bases and partnerships, the University will continue to extend its strategic networks and capitalise on development opportunities in the Mainland, contributing to the Nation's development through education, research, knowledge transfer and community service.

During 2021/22, PolyU had partnerships with more than 700 Mainland academic institutions, research institutes and organisations in business and industry, undertaking over 2,300 collaborative projects in a wide range of areas. They included research collaborations, joint publications, joint academic programmes, student activities, consultancy projects, and collaborations on the commercialisation of applied technology.

Furthermore, the University has been strongly supporting major national goals such as the development of the Guangdong-Hong Kong-Macao Greater Bay Area into an international innovation and technology hub.

理大是第一批獲邀訪問中國內地的本港學府之一，早於1978年已與內地聯繫。多年來，理大已在北京、成都、杭州、上海、深圳和西安設立了區域基地。

理大將繼續通過六個基地與內地知名大學保持協作，並將融合各地區及其合作夥伴的優勢，加強其網絡，抓緊內地的發展機遇，通過教育、科研、知識轉移和社區服務，參與國家的發展。

在2021/22年度，理大與內地學術界、研究機構和工商界共700多家機構協作，在多個領域進行逾2,300個合作項目，包括研究合作、聯合出版、合作辦學、學生活動、顧問項目、應用技術商業化合作。

此外，理大一直支持國家主要的發展目標，包括把粵港澳大灣區建設成為國際創新科技中心。

PolyU's six regional bases in the Mainland
理大於中國內地的六個基地



Cooperative Programmes in Mainland

To build up human capital and enhance the competence of professional talents in the Mainland, PolyU has been offering joint programmes ranging from master's to doctoral levels in collaboration with Mainland universities. PolyU also has the highest number of educational programmes approved by the Ministry of Education among Hong Kong institutions.

PolyU's cooperative education programmes approved by Ministry of Education 理大獲國家教育部批准的合作辦學項目	
Doctor of Hotel and Tourism Management (in collaboration with Zhejiang University) 酒店及旅遊管理博士學位 (與浙江大學合作)	Master of Science in Hotel and Tourism Management (in collaboration with Zhejiang University) 酒店及旅遊管理碩士學位 (與浙江大學合作)
Doctor of Management (in collaboration with Renmin University of China) 管理學博士學位 (與中國人民大學合作)	Master of Science in Information Systems (in collaboration with Xi'an Jiaotong University) 資訊管理碩士學位 (與西安交通大學合作)
Master of Arts in Fashion and Textiles (Fashion Merchandising) (in collaboration with Xi'an Polytechnic University) 服裝及紡織碩士學位 (服裝行銷策劃) (與西安工程大學合作)	Master of Science in International Real Estate (in collaboration with Zhejiang University) 國際房地產碩士學位 (與浙江大學合作)
Master of Science in Disaster Nursing (in collaboration with Sichuan University) 災害護理學碩士學位 (與四川大學合作)	Master of Science in Quality Management (in collaboration with Zhejiang University) 品質管理碩士學位 (與浙江大學合作)

In addition, PolyU has been partnering with reputable Mainland universities under the Joint PhD Programme, which leads to dual awards for Mainland students. More than 200 students have been admitted to the Programme to date.

在內地合辦課程

為協助國家建立人力資本和提升專業人才的競爭力，理大一直致力與內地大學合作開辦碩士至博士學位課程。現時在香港的學府中，理大提供最多獲國家教育部批准的課程。

另外，理大也透過博士聯合計劃與內地知名大學合辦博士課程，為內地學生授予雙學位。至今已錄取200多名學生。

2021/22 No. of PolyU Mainland Students 2021/22 理大內地學生人數



Enriching students' learning experience

PolyU offers students a wide range of opportunities to gain a better understanding of the Nation's development and acquire new knowledge. For example, more than 500 PolyU students participated in online activities organised by various Mainland universities in 2021/22. These activities were offered under the "Ten Thousand People's Scheme" organised by the Ministry of Education to encourage students from Hong Kong and Macao to visit Mainland China.

讓學生有更豐富的學習經驗

理大為學生提供大量機會，讓他們加深對國家發展的了解，並學習新知識和技能。例如在2021/22年度，逾500名理大學生參加了內地不同高校舉辦的網上活動，這些活動由國家教育部的「港澳與內地大中小學師生交流計劃大學生項目」（簡稱「萬人計劃」）所提供，以鼓勵港澳學生往內地交流。

PolyU students have also learned more about the Nation and served communities in Mainland China through Service-Learning subjects. Since the University listed Service-Learning as a mandatory subject for undergraduates from the 2012/13 academic year, over 5,000 students have participated in Service-Learning subjects in Mainland China. Due to the COVID-19 pandemic in 2021/22, 534 students participated in Service-Learning projects in the Mainland through online platforms.



理大學生也通過修讀服務學習科目進一步加深認識國家，並且服務內地社區。理大自2012/13學年起把服務學習納入學士課程必修科目，至今超過五千名學生曾經參與內地服務學習項目。而在2021/22年度，雖然新冠疫情肆虐，仍然有534名學生透過網上平台參與了內地的服務學習項目。



"Passing the Torch" Mainland internship sponsorship programme launched

To enhance students' professional competence and whole-person development, PolyU launched the "Passing the Torch" internship sponsorship programme. After appealing to its alumni to finance students undertaking internship opportunities in Mainland China, it received support from around 90 Mainland alumni, benefiting 40 students.

「薪火相傳」資助計劃支持學生赴內地實習

為提升理大學生專業能力和促進全人發展，理大推出「薪火相傳」資助計劃，呼籲校友捐助理大學生赴內地參加暑期實習，有近90名內地校友捐款支持計劃，40名學生受惠。

Alumni Networks

Currently, there are more than 30,000 PolyU Mainland Alumni and nine vibrant alumni networks. The University take great pride in having nurtured so many talents whose accomplishments have greatly benefited their professions and who have substantially contributed to society, the Nation and the world.

校友網絡

目前，理大的內地校友超過三萬名，擁有九個活躍的校友網絡。他們推動所屬專業以及社會、國家和世界的發展，建樹良多，理大引以為傲。



PolyU Mainland graduates reunion on campus
理大內地畢業生返校聚會

Scientific exchange and collaboration

科研交流合作

Over the years, the academic and scientific research exchanges between PolyU and the Mainland have become more frequent, including the establishment of the following high-level laboratories or centres:

近年來，理大與內地的學術及科研交流也更加緊密，包括成立了以下實驗室或中心：

National-level Laboratories and Centres 國家級實驗室和中心	
State Key Laboratories 國家重點實驗室	
State Key Laboratory of Chemical Biology and Drug Discovery (The Hong Kong Polytechnic University) 化學生物學及藥物研發國家重點實驗室（香港理工大學）	State Key Laboratory of Ultra-precision Machining Technology (The Hong Kong Polytechnic University) 超精密加工技術國家重點實驗室（香港理工大學）
Hong Kong Branches of Chinese National Engineering Research Centres 國家工程技術研究中心香港分中心	
Hong Kong Branch of National Engineering Research Centre for Steel Construction 國家鋼結構工程技術研究中心香港分中心	Hong Kong Branch of National Rail Transit Electrification and Automation Engineering Technology Research Centre 國家軌道交通電氣化與自動化工程技術研究中心香港分中心
Chinese Academy of Sciences – PolyU Joint Laboratories 中國科學院與香港理工大學聯合實驗室	
Joint Laboratory for Aerosol and Environment 氣溶膠與環境聯合實驗室	CAS AMSS-PolyU Joint Laboratory of Applied Mathematics 中科院數學與系統科學研究院—香港理工大學應用數學聯合實驗室
GIG-PolyU Hong Kong Joint Laboratory on Environmental Pollution Process and Control 粵港澳大灣區環境污染過程與控制聯合實驗室	

PolyU contributes to the Nation’s historic space projects

理大為國家歷史性航天任務作出貢獻

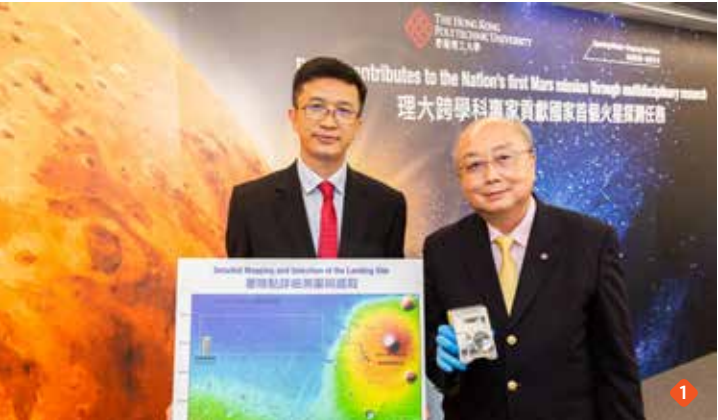
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Striving to serve the Nation through research and innovation, PolyU is proud to have played a pivotal role in a range of strategic national projects. We are the only university in Hong Kong which has taken part in the Nation’s pioneering space missions, such as the first lunar sample return mission Chang’e-5 and the first Mars exploration project Tianwen-1.

理大致力通過研究和創新貢獻國家，在一系列國家重要項目中貢獻所長，與有榮焉。理大是香港唯一一所參與國家具開創性意義太空任務的大學，例如「嫦娥五號」首次月球樣本返回任務，和「天問一號」首次火星探測計劃。

In 2018, the Nation made history with the first soft landing on the far side of the Moon with the success of the Chang’e-4 mission. PolyU captured images of the Moon using the “Camera Pointing System”, which was developed by the team led by Professor Yung Kai-leung, (Sir Sze-yuen Chung Professor in Precision Engineering, Director of Research Centre for Deep Space Explorations (RCDSE), and Associate Head of the Department of Industrial and Systems Engineering), in collaboration with the China Academy of Space Technology (CAST); and helped select the landing site through the topographic and geomorphological characterisation and analysis technology developed by the PolyU research team led by Professor Wu Bo, (Fiona Cheung Professor in

2018年的「嫦娥四號」探月任務為國家締造歷史，成功登陸月球背面。理大與中國空間技術研究院合作，容啟亮教授（工業及系統工程學系鍾士元爵士精密工程教授及副系主任及深空探測研究中心主任）的團隊開發了「相機指向系統」以拍攝月球影像；而理大吳波教授（張心瑜空間科學教授、土地測量及地理資訊學系副系主任、深空探測研究中心副主任）的



Spatial Science, Associate Director of RCDSE and Associate Head of the Department of Land Surveying and Geo-Informatics).

團隊則應用地形及地貌特徵及分析技術，協助探測器選取着陸點。

Then in 2020, in collaboration with the CAST again, PolyU developed and manufactured the “Surface Sampling and Packing System” for the Nation’s Chang’e-5 mission, the first lunar sample return mission in 2020. The system automatically collected and packed the sample on the lunar surface following the soft landing of the Chang’e-5 probe.

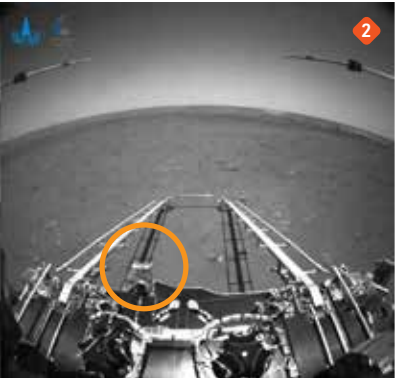
在2020年，理大又與中國空間技術研究院合作，為「嫦娥五號」國家首次月球採樣返回任務研製「表取採樣執行裝置」。該系統在嫦娥五號探測器順利降落月球後，自動在月球表面收集月壤並把樣本封裝。

The same PolyU research teams also contributed to the Nation’s first Mars exploration project Tianwen-1. Professor Wu helped identify possible landing regions with advanced topographic mapping and geomorphological analysis technologies. Professor Yung developed a sophisticated space instrument, the “Mars Landing Surveillance Camera (Mars Camera)”, for capturing images of the surroundings of the Red Planet and monitoring the status of the Zhurong Mars rover.

這兩支理大研究團隊隨後也參與了2021年國家首個火星探測項目「天問一號」。吳波教授的團隊研發了創新的地形測量及地貌分析方法，協助選取火星着陸點。容啟亮教授的團隊則研發出精密的太空儀器「落火狀態監視相機」（「火星相機」），拍攝火星的周遭環境及火星車的狀況。

In 2022, the Nation announced the official launch of the recruitment of the fourth batch of astronauts and the recruitment of Payload Specialists in the Hong Kong Special Administrative Region for the first time, giving Hong Kong citizens the opportunity to participate in the National Manned Space Programme by following PolyU researchers’ steps.

在2022年，中國宣布正式展開第四批預備航天員選拔工作，並首次在香港特別行政區選拔載荷專家，讓香港市民有機會跟隨理大科研人員的腳步，參與國家載人航天工程。



3 Jiangsu-Hong Kong-Macao University Alliance officially inaugurated

The Jiangsu-Hong Kong-Macao University Alliance (JHMUA), jointly established by Nanjing University, The Hong Kong Polytechnic University and the University of Macau, was officially inaugurated in late 2021. The JHMUA aims to leverage the strengths of institutions in Jiangsu Province, Hong Kong and Macao and promote exchanges and collaboration in areas such as talent cultivation and innovation and technology research.

With the full support of the governments of the three regions, the JHMUA has grown to comprise 33 member institutions, including 21 from Jiangsu Province, nine from Hong Kong and three from Macao. The first term of the JHMUA is chaired by Nanjing University while PolyU, the University of Macau and Nanjing Normal University will act as vice-chairs.

4 Joint research centre established to develop China's aerospace propulsion technology

PolyU has joined hands with the Academy of Aerospace Propulsion Technology, the only research centre in China focusing on this area, to establish the Joint Research Centre of Advanced Aerospace Propulsion Technology.

Led by PolyU's Department of Aeronautical and Aviation Engineering, the five-year collaboration seeks to establish a competitive scientific research force and technical cooperation team in the field of advanced aerospace propulsion technology.

蘇港澳高校合作聯盟成立

由南京大學、理大及澳門大學共同創立的「蘇港澳高校合作聯盟」於2021年底正式成立。聯盟成立目的是希望發揮江蘇省、香港及澳門三地大學的優勢，在人才培育及創新科技研究等領域上進一步加強交流與合作。

聯盟得到三地政府的鼎力支持，現已有江蘇省21所、香港9所及澳門3所共33所高校加入。聯盟由南京大學的代表擔任首屆理事長，理大、澳門大學及南京師範大學代表則擔任首屆副理事長。

成立聯合研究中心驅動中國航天推進技術

理大早前與中國航天推進技術研究院——中國唯一的空間飛行器推進系統專業研究院——共同成立「先進空天推進技術聯合研究中心」。

這項為期五年的合作計劃由理大航空及民航工程學系主導，旨在通過長期和深入的戰略合作關係，建立一支具高度競爭優勢的科研小組和配備先進空天推進技術的合作團隊。



Joining hands with Chinese Academy of Sciences to advance AI and robotics research

PolyU signed a collaborative agreement with the Centre for Artificial Intelligence and Robotics of the Chinese Academy of Sciences Hong Kong Institute of Science & Innovation to advance research in Artificial Intelligence (AI), data science and robotic technologies.

Exploring in-depth collaboration in photonics technology with Huawei

PolyU signed a memorandum of understanding with Huawei to pursue in-depth research collaboration in photonics technologies and applications. Apart from cultivating more young talents and organising joint academic activities, the two parties planned to set up a joint lab to advance photonics technology research.



與中科院攜手推展人工智能和機械人科技研究

理大與中國科學院香港創新研究院人工智能與機械人創新中心簽訂合作協議，聯手推進人工智能、數據科學和機械人科技的研究。

與華為開拓光子技術深層次合作

理大與華為簽署諒解備忘錄，就光電子技術和應用展開深入研究合作。雙方除攜手培育年輕科技人才和籌辦學術活動外，還計劃建立聯合實驗室，推進光子技術研究。

New developments related to Belt and Road 一帶一路新發展

As a founding member of the University Alliance of the Silk Road (UASR) and vice-president since its inception in 2015, PolyU has joined hands with more than 150 leading universities from 37 countries and regions to promote collaborations and exchanges for higher education in the Silk Road region.

Faculty members of PolyU had online meetings with renowned universities along the Belt and Road. Meetings were held with institutions such as Universiti Brunei Darussalam in Brunei, Institut Teknologi Bandung in Indonesia, the University of Warsaw in Poland, and Hanoi University of Science and Technology in Vietnam, to explore new opportunities for bilateral cooperation, including joint research activities, scientific projects and publications, student and staff exchanges, programmes and interdisciplinary collaboration.

理大是絲綢之路大學聯盟 (UASR) 的創始成員，自2015年成立以來擔任副主席。理大與來自37個國家及地區的逾150所知名大學合作，攜手推動絲綢之路地區有關高等教育的合作和交流。

理大各學院的成員與一帶一路上的知名學府，如汶萊達魯薩蘭大學、印尼萬隆理工學院、波蘭華沙大學、越南河內理工大學，透過網上會議探討聯合研究活動、科技項目和出版、學生與教職員交流以及跨學科協作等合作機會。



Promoting closer relationships along the Belt and Road

During the past year, PolyU organised or participated in the following University Alliance of the Silk Road (UASR) activities:

- In November 2021, PolyU Vice President (Research and Innovation) Professor Christopher Chao delivered a presentation on the “Integration of Industry with Academia in Universities” at the UASR Presidents’ Forum 2021, which was held virtually. Professor Chao spoke about the strategies and initiatives adopted by PolyU to forge close ties with industry, enabling frontier technology to be applied to achieve societal impact.
- In July 2021, PolyU took part in UASR Virtual Summer Courses 2021, which were jointly hosted and featured experts from other UASR universities. The Summer Courses consisted of almost 100 online lectures, and aimed to foster the sharing of high-quality international education resources across the globe.

As a founding member of the China-Pakistan Economic Corridor (CPEC) Consortium of Universities, PolyU leverages its education and research excellence to contribute to the Consortium’s goal of enhancing collaboration between China and Pakistan in the fields of business studies, science and technology. In the 4th Exchange Mechanism Conference of CPEC Consortium of Universities, held in October 2021, Vice President (Student and Global Affairs) Professor Ben Young was invited to deliver a virtual presentation titled “Higher Education Collaboration and Nurturing Talent for CPEC Development – PolyU’s Experience”.

Nurturing energy talent for sustainable living

To support sustainable power development, PolyU again joined hands with the State Grid Corporation of China, Hongkong Electric and Xi’an Jiaotong University to launch the latest online “Belt and Road Advanced Professional Development Programme in Power and Energy”. The Programme attracted 255 participants from 25 countries or regions to learn about the latest industrial practices and research findings related to tackling climate change.

推廣一帶一路地區的更緊密關係

在過去一年，理大主辦及參與了以下絲綢之路大學聯盟 (UASR) 活動：

- 2021年11月，UASR於網上舉辦「2021年校長論壇」。副校長（研究及創新）趙汝恒教授代表理大發表題為「產業與學術在大學裏的融合」的報告，闡述理大在產、學、研三者合作所採取的策略和措施，以推動前沿科技的應用，造福社會。
- 理大聯同其他UASR院校的專家，於2021年7月參與了UASR線上暑期課程。該課程為學生舉辦了近百場網上講座，目的是鼓勵國際間分享高質素的教育資源。

理大是中巴經濟走廊大學聯盟的創辦成員，一直以優秀的教研成果促進中國和巴基斯坦在商業研究、科學及技術領域上合作。在2021年10月舉行的「中巴經濟走廊大學聯盟的交流機制第四次會議」中，副校長（學生及環球事務）楊立偉教授獲邀發表了以「中巴經濟走廊的高等教育合作及人才培養——理大的經驗」為題的報告。

培養能源人才 促進可持續發展

為支持可持續的能源發展，理大再次與國家電網公司、香港電燈公司和西安交通大學合作推出新一期的「一帶一路電力能源高管人才發展計劃」線上課程。本年度吸引了來自25個國家或地區共255名學員參加學習應對氣候變化的最新產業實戰經驗和研究成果。

A global network
環球網絡

As an international and world-class University, PolyU has a vast global network that stretches across continents, and will continue to develop collaborations, international alliances and strategic partnerships.

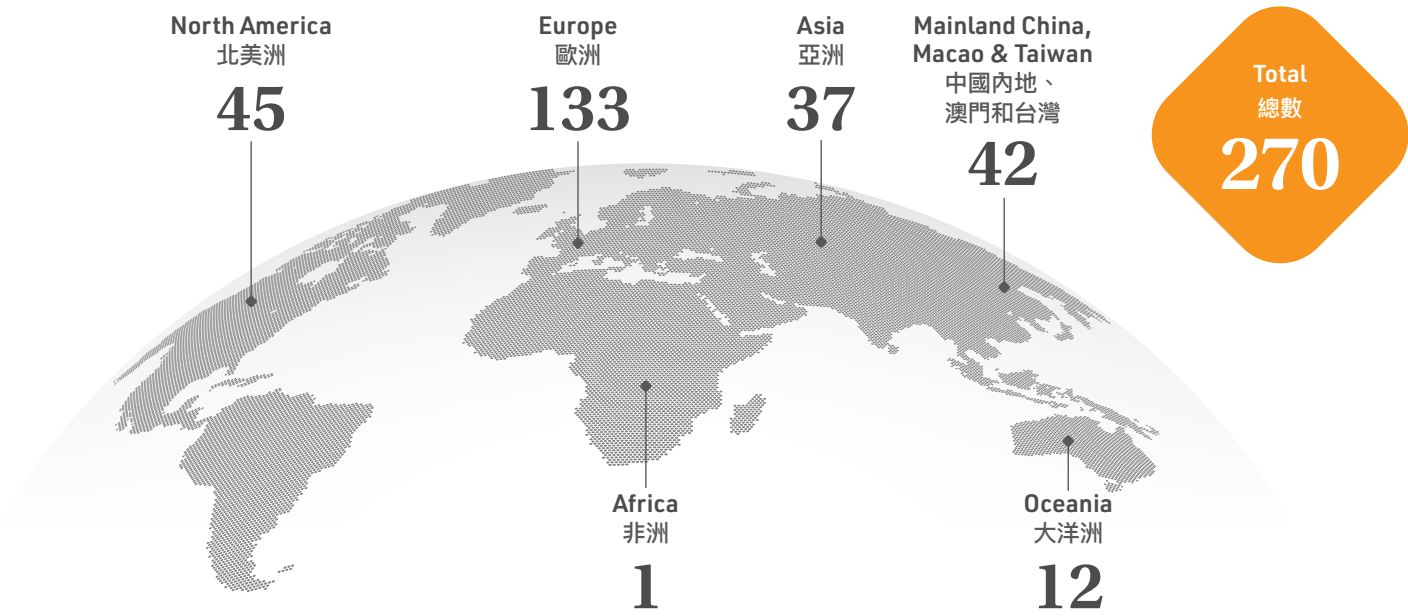
As of June 2022, PolyU had more than 280 overseas partner institutions spanning 40 countries and regions. Over 445 academic collaboration agreements were concluded, ranging from student exchanges to research collaboration. During the year, ten new partnerships were established and 32 new agreements were signed, including ones with Ghent University in Belgium, RWTH Aachen University in Germany, Trinity College Dublin in the Republic of Ireland, and the University of Liverpool in the UK.

理大是一所國際化的世界級大學，擁有龐大環球網絡，並將持續推出協作項目、建立國際聯盟，亦會與策略夥伴加強合作。

截至2022年6月，理大已與全球逾280間學術機構建立合作關係，遍布40個國家及地區，並簽署了超過445份學術合作協議，包括學生交流計劃和聯合研究協作項目。年內新增的合作夥伴院校有十間，包括比利時根特大學、德國亞琛工業大學、愛爾蘭都柏林聖三一學院、英國利物浦大學等，共簽署了32份新協議。



Student exchange partners 學生交流計劃夥伴院校



University Social Responsibility Network (USRN)

PolyU is one of the founding members of the USRN and Chair of its Executive Committee. The reporting year saw four new institutions join the Network, after receiving a majority of votes from the USRN Executive Committee. These additions bring the total number of USRN member institutions to 20 worldwide, extending the USRN's presence to Northern Europe, the Netherlands and the Philippines.

The USRN believes the new members' strategic vision and commitment to social responsibility and international engagement will be inspiring models for other member institutions and a great asset to the Network.

During the year under review, the USRN organised the following events:

- **USRN Webinar Series**
Six webinar sessions were hosted through the Webinar Series in collaboration with different international institutions, including Kyoto University, Southeast Asian Ministers of Education Organization Regional Centre specialising in higher education and development (SEAMEO RIHED), The University of Manchester, Universiti Brunei Darussalam, the University of Iceland, the University of Pretoria and Universiti Teknologi MARA.
- **Students from member institutions participate in a PolyU programme**
Students from USRN member institutions participated in a student programme on Digital Leadership and Social Responsibility co-organised by PolyU's Department of Computing and its Service-Learning and Leadership Office. This programme aims to develop students' global leadership capabilities and cultural sensitivity in the context of appropriate technology use in the digital age, and enable students to demonstrate these competencies in practice by working in virtual teams on a Service-Learning project.

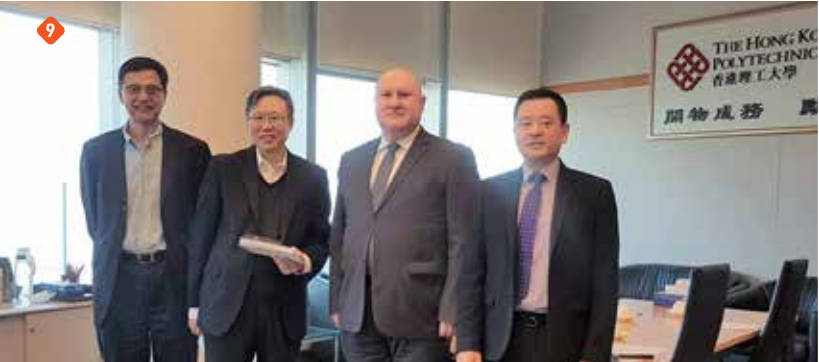
大學社會責任網絡

理大是大學社會責任網絡 (USRN) 的創始成員及行政委員會主席。年內，四間新成員大學獲大學社會責任網絡執行委員會以多票數通過加入 USRN，令網絡的全球成員大學數目增至20間，也令 USRN 擴展至北歐、荷蘭及菲律賓。

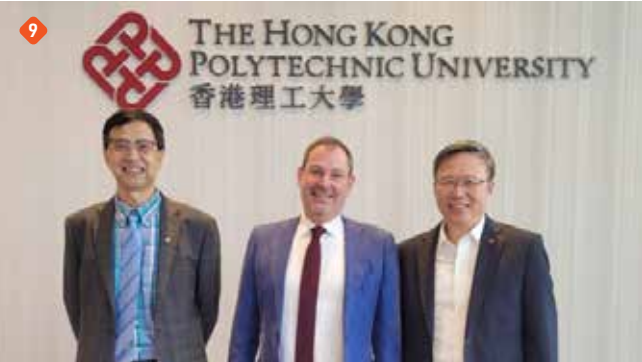
USRN相信新成員大學對社會責任的願景與承諾會對其他成員大學有所啟發，並為網絡的發展添上動力。

過去一年，USRN 舉辦了以下活動：

- **USRN網絡研討會**
USRN與不同國際院校及機構合作，於網絡研討會系列舉辦了六節研討會，合作院校及機構包括京都大學、SEAMEO RIHED、曼徹斯特大學、汶萊達魯薩蘭大學、冰島大學、比勒陀利亞大學及瑪拉工藝大學。
- **成員大學學生參與理大課程**
USRN成員大學的學生參與由理大電子計算學系與服務學習及領導才能發展處合辦的「數碼領導才能及全球公民義務」學生課程，課程旨在提高同學在數碼時代的全球領導才能及跨文化敏感度，並讓他們在線上組隊構思服務學習方案，展現所學技能。



▲ Polish Consul General Aleksander Danda paid a visit to PolyU in December 2021. 2021年12月，波蘭總領事Aleksander Danda到訪理大。



▲ Dutch Consul General Arjen van den Berg visited PolyU in June 2022. 荷蘭總領事Arjen van den Berg於2022年6月來訪。

Cultural Ambassador Scholarship

The "Cultural Ambassador Scholarship" was set up in 2021/22 for non-local students of underrepresented nationalities, to further strengthen and enhance the University's diverse undergraduate student body. Eight students from Brazil, Costa Rica, Jamaica, Myanmar, Saudi Arabia, Turkey and Venezuela were granted a one-off scholarship for the 2022/23 intake. Recipients will reach out to prospective students and their parents worldwide to promote PolyU and its undergraduate programmes.

文化大使獎學金

理大為進一步吸納世界各地學生入讀本科課程，於2021/22學年特別為少數族群非本地生設立「文化大使獎學金」。八位在2022/23學年入學的學生獲得了該一次性發放的獎學金，他們來自巴西、哥斯達黎加、牙買加、緬甸、沙特阿拉伯、土耳其及委內瑞拉。這些得獎學生會向更多非本地學生及其家長推廣理大以及相關本科課程。

Strengthening links with Consulates in Hong Kong

During the year, Professor Jin-Guang Teng, PolyU President; Professor Ben Young, Vice President (Student and Global Affairs); and Professor Geoffrey Shen, Director of Global Engagement, met with the Consuls General of Greece, Israel, Mexico, Poland, Slovenia, The Netherlands and Vietnam, as well as the Head of the European Union Office to Hong Kong and Macao, to explore avenues for cooperation and ways to strengthen the University's global relations and partnership portfolio.

加強與駐港領事館的聯繫

年內，理大校長滕錦光教授聯同副校長（學生及環球事務）楊立偉教授和環球事務總監沈岐平教授與希臘、以色列、墨西哥、波蘭、斯洛文尼亞、荷蘭、越南的總領事以及歐盟駐港澳辦事處主管一一會面，探討合作途徑，以及如何加強理大的國際聯繫。

Enhancing student recruitment efforts in Southeast Asia

To step up our non-local student recruitment efforts in Southeast Asia, the Global Engagement Office has engaged the services of Universiti Teknologi Malaysia in Malaysia and Mahidol University in Thailand, concluding strategic partnerships with their counterparts in April and June 2022 respectively.

在東南亞推動招生事務

理大環球事務處與馬來西亞工藝大學及泰國瑪希敦大學有關部門，分別於2022年4月及6月就理大在東南亞地區擴大招生規模事宜，達成了策略性夥伴協議。



Sustainable Campus and Carbon Neutrality 校園持續發展及實踐碳中和

Extending the Campus and Achieving Carbon Neutrality

擴建校園 實踐碳中和

Through campus development and sustainable initiatives, PolyU strives to meet the evolving needs of education and research as well as the strategic development of the University. We are also dedicated to achieving carbon neutrality on campus and supporting Hong Kong's progress towards being a carbon-neutral city.

理大致力於擴建校園及推行可持續發展計劃，以支援教育和科研上不斷演變的需求，並有助推動大學的策略發展。此外，理大亦着力達致校園碳中和及支持香港發展成為碳中和城市。





Campus development

校園發展

PolyU is undertaking a series of campus development initiatives to create an environment conducive to driving its strategic development in education and research excellence. The University is committed to creating a green built environment, as well as a sustainable and low-carbon campus. It strives to integrate green features and innovative solutions from its research into campus development projects.

In this regard, PolyU has gained wide recognition and attained many awards throughout the years, including a Green Building Award and Hong Kong BEAM/BEAM Plus certification from the Hong Kong Green Building Council, a Skyrise Greenery Award from the Development Bureau, Indoor Air Quality Certification from the Environmental Protection Department, and certification under the Energy Efficiency Registration Scheme.

A number of new developments, including academic buildings, the hostel at the Ho Man Tin slope, the hostel in Kowloon Tong, and the redevelopment of Blocks VA and VS, among others, are designed and constructed with a view to achieving at least a gold rating in BEAM Plus from the Hong Kong Green Building Council.

1 Campus expansion at Ho Man Tin Slope

The project involves the construction of a new academic building to provide more than 10,000m² net operational floor area to meet the healthcare training needs for allied health services in Hong Kong. It will also include a hostel building providing accommodation for 1,279 students, which is being partially funded by the Government's Hostel Development Fund. The foundation works commenced in the fourth quarter of 2020 and the project is scheduled for completion by the end of 2026.

為了推動優質教育與卓越科研，理大已展開一系列校園發展項目，以配合其策略發展。理大致力營造綠色環境和可持續發展及低碳校園，並把糅合環保元素和科研的創新方案應用於校園發展項目。

在這方面，大學歷年來獲得了廣泛認可並取得多個獎項，包括由香港綠色建築議會頒發的環保建築大獎和綠建環評認證、發展局頒發的高空綠化大獎、環境保護署發出的室內空氣質素檢定證書，以及多項建築物的能源效益註冊計劃認證。

此外，理大多個新發展項目，包括何文田教學大樓和學生宿舍、九龍塘學生宿舍，以及重建的VA和VS座等，其設計和建築均會以達到香港綠色建築議會綠建環評認證金級或以上為目標。

何文田校園擴建計劃

本項目包括興建一座超過一萬平方米淨作業樓面面積的新教學大樓，新大樓將用於提供醫療相關的培訓，以滿足香港對專職醫療服務的需求。另外，本項目亦會新建一座學生宿舍，提供1,279個宿位，部分興建費用由政府宿舍發展基金資助。地基工程已於2020年第四季展開，整項工程預計於2026年底竣工。



Library extension and revitalisation

The project involves the construction of a new floor to create 2,080m² net operational floor area of library space, as well as the revitalisation of existing floors in the library building, to transform the library into a modern learning hub. The newly constructed sixth floor was completed and opened for use in July 2022. The majority of the revitalisation work on the ground to fifth floors has also been completed, and the remaining work will be completed by the end of 2023.

This project has adopted various energy-efficient features and renewable energy technologies, including variable speed drives for chillers, demand controlled ventilation systems, exhaust air heat recovery, building energy management systems, photovoltaic systems and low-emissivity insulating glass.

圖書館擴建和翻新

本項目主要為圖書館加建一樓層，其淨作業樓面面積達2,080平方米，同時翻新圖書館的現有樓層，優化為現代化學習中心。位於六樓的新樓層擴建工程已經完成，並於2022年7月開放使用。地面樓層至五樓大部份的翻新工程已經完成，餘下工程預計於2023年底前分階段竣工。

是項工程採用多種節能裝置和可再生能源技術，包括設有變速驅動器的製冷機、供氣監控系統、可回收排氣中棄用熱能的熱能交換設備、建築物能源管理系統、太陽能光伏系統和低輻射中空玻璃。



Student hostel at Kowloon Tong

The Government has granted PolyU a site at Tat Hong Avenue, Kowloon Tong, for the University's hostel development. The project, which is partially funded by the Government's Hostel Development Fund, will provide 1,680 hostel places for students, along with supporting infrastructure and amenities. Site work is planned to commence by the fourth quarter of 2022, and the project is targeted for completion by early 2028.

九龍塘學生宿舍

政府批出位於九龍塘達康路的地段予理大興建學生宿舍。本項目由政府宿舍發展基金提供部分資金興建，將提供1,680個宿位和相關配套設施。工程計劃於2022年第四季展開，目標於2028年初竣工。

4 ◆ Redevelopment of Blocks VA and VS

To cater for the additional student intake to meet Hong Kong's long-term healthcare manpower needs, the University plans to redevelop the site currently occupied by the Michael Clinton Swimming Pool, Shaw Sports Complex, Shaw Amenity Complex and Fong Shu Chuen Hall, to provide an additional 27,000m² net operational floor area of academic space. It will also redevelop around 8,320m² net operational floor area of space for existing facilities. A vehicular entrance will be built connecting the PolyU campus to Chatham Road South. The project has been submitted to the Government for planning application and funding approval. It is targeted for completion in phases by the third quarter of 2030. To align with the University's goal to achieve carbon neutrality, the new academic complex will incorporate innovative and green designs to create a healthy and sustainable teaching and learning environment.

5 ◆ P Wing extension

To meet the increasing need for healthcare manpower training, the University is planning to build an extension on the existing roof of the P Wing, as well as renovate the P Wing. The project will provide around 460m² net operational floor area of additional academic space for healthcare-related departments. Consultants have been appointed and the creation of a detailed design is in progress. Subject to funding approval by the Government, the project is targeted for completion by the third quarter of 2025.

VA和VS座重建計劃

為配合香港對醫療人才的長遠需求，理大將招收更多學生。理大計劃重建目前祈廉桐游泳池、邵逸夫體育館、邵逸夫樓和方樹泉堂所處地段，以提供額外2.7萬平方米淨作業樓面面積作為教學空間，並重建面積約8,320平方米淨作業樓面面積的現有設施，以及建造一個連接理大校園和漆咸道南的車輛出入口。本項目現正向政府申請規劃許可和撥款資助，目標於2030年第三季度前分階段完成。為配合理大達至碳中和的目標，重建後的教學大樓將會採用創新和綠色環保設計，以創造一個健康和可持續的教學環境。

P座擴建計劃

因應培訓醫療人員的需求日增，大學計劃於P座加建一樓層，並在該建築物內進行翻新工程。整個項目將為醫療相關學系提供約460平方米淨作業樓面面積的額外教學空間。大學已委任顧問團隊，並正進行詳盡的設計。如獲政府撥款，項目可望於2025年第三季度前完成。



Enhancement of the Main Entrance

To celebrate the 85th anniversary of the University, the main entrance at Core A has been enhanced by reconfiguring and enlarging the forecourt, as well as introducing new design elements. The design of the new entrance reflects the proud heritage of the University by blending our signature red brick architectural style with classical colonnade features. The enhancement work was completed in June 2022. To increase the use of renewable energy, photovoltaic panels have also been installed along the top of the new canopy at the Core A main entrance.

Industrial Centre extension and revitalisation

The project involves building an additional two storeys on the existing roof of Blocks U and W, as well as utilising the existing internal courtyard at Block W, to provide approximately 5,400m² net additional operational floor area. It also entails the renovation and re-organisation of the existing accommodation in these two blocks. The additional and renovated space will be mainly used as university research facilities, research and teaching laboratories, and offices to support the University's research and development, and collaboration activities. Subject to funding approval by the Government, the project will be completed in phases by the end of 2029.

Redevelopment of the House of Innovation

The project primarily involves redeveloping the existing House of Innovation to generate around 2,125m² net operational floor area of additional academic space. The new space will include research and teaching laboratories, classrooms, study spaces and amenity facilities, with a view to providing better support for the strategic development of the University and fostering interdisciplinary research and development. Subject to funding approval by the Government, the project is targeted for completion by the end of 2027.

主校門翻新工程

為慶祝理大八十五周年校慶，位於A座的主校門已完成翻新工程，擴大前院位置並引入新的設計元素。新設計的主校門巧妙地糅合經典的柱廊設計和具標誌性的紅磚建築風格。該優化工程已於2022年6月竣工。沿着A座主入口的新天篷頂部也鋪設了太陽能光伏板，以增加使用可再生能源。

工業中心擴建及翻新計劃

本項目包括在U座和W座的樓頂上增建兩樓層，並善用W座現有的內部庭院，以增加約5,400平方米的淨作業樓面面積。項目亦包括翻新和重組這兩座建築物的現有空間。新增和翻新的空間主要用作大學的研究設施、研究和教學實驗室以及辦公室，以支持大學的科研發展和協作活動。如獲政府撥款，項目可望於2029年底前分階段完成。

創新館重建計劃

本項目將重建現有的「創新館」，以提供約2,125平方米淨作業樓面面積作額外的教學空間。新增的空間包括研究和教學實驗室、課室、學習空間和配套設施，以更適切地配合大學策略發展，並促進跨學科研究和發展。如獲政府撥款，項目可望於2027年底前完成。





Striving towards carbon neutrality on campus and beyond 致力促進校園及香港碳中和

Leading in ESG

In the newly launched QS World University Rankings: Sustainability 2023, PolyU achieved an encouraging result, ranking second locally and 82nd globally among over 1,300 universities. The rankings evaluate institutions worldwide on how they are taking actions to tackle the world's environmental, social and governance (ESG) challenges through research, teaching and community engagement.

PolyU will continue to strive hard in achieving carbon neutrality and helping to address ESG challenges, aspiring to set a strong example for other universities and institutions to follow, by turning cutting-edge research into real-world solutions for the benefit of Hong Kong, the Nation and the world.

環境、社會及企業管治表現領先

理大在QS首次公布的2023年度可持續發展大學排名中取得佳績，在全球超過1,300所大學中位列第82位，並在本地大學中排名第二。此排名評估全球的高等院校，如何在研究、教學和社區參與等方面採取行動，應對世界當前有關環境、社會和管治的挑戰。

理大會繼續努力不懈以達至碳中和，並協助應對環境、社會和管治的挑戰，致力成為可供其他大學和院校參考的榜樣，把大學的卓越科研轉化為應用於現實社會的方案，為香港、國家和世界作出貢獻。



Task Force on Campus Carbon Neutrality established

To achieve carbon neutrality on the PolyU campus in support of the Government's stated target for Hong Kong to be carbon neutral by 2050, PolyU established the Task Force on Campus Carbon Neutrality. The Task Force is under the chairmanship of Professor Christopher Chao, Vice President (Research and Innovation), with expert members from different Faculties of PolyU as well as from various Research Institutes and Centres under the PolyU Academy for Interdisciplinary Research (PAIR). The Campus Facilities and Sustainability Office and the Campus Development Office are also key players. Leveraging techniques and innovative solutions from its own research, the University aims to achieve carbon neutrality on campus by 2045.

A roadmap was approved by the University. In the short term and medium term, the University targets to reduce Scope 1 and Scope 2 carbon emissions (direct and indirect emissions mainly arising from the use of fuel and the purchase of energy) by 20% to 25% by 2028 and by 50% by 2033 (as compared to the 2005/06 level) respectively. In the long term, the University targets to achieve Scope 1 and 2 carbon neutrality by 2045, which will be five years ahead of the Hong Kong Government's plan.

A designated committee will be established to plan, develop, implement, monitor and review progress on the Campus Carbon Neutrality roadmap and related energy management initiatives. During the reporting period, the Scope 1 and 2 carbon emissions per capita was 1.42 tonnes CO₂e and accounted for more than 30% reduction as compared to the peak level in 2014/15. The University will continue to work towards reducing both the total and per capita carbon emissions by outlining action plans with targeted implementation timelines. PolyU is also the Convenor of the Hong Kong Sustainable Campus Consortium in 2022.

成立「建立碳中和校園專案小組」

香港特區政府為香港訂立了在2050年前達至碳中和的目標，理大亦設立了「建立碳中和校園專案小組」，由副校長（研究及創新）趙汝恒教授領導，聯合理大多個學術領域的專家，以及理大高等研究院（PAIR）轄下的多個研究院和研究中心所組成。設施及可持續校園處和校園發展處亦是重要成員。理大會利用其科研技術和創新方案，致力在2045年前達至校園碳中和。

專案小組設定了路線圖，並獲大學審批。短期和中期而言，理大會在兩個範疇（包括因燃煤和使用能源而直接或間接造成的碳排放）減少碳排放，目標是在2028年前，減少20%至25%的碳排放；在2033年前，減少50%碳排放（對比2005/06年度水平）。長遠而言，理大期望在2045年前完成上述工作以達至校園碳中和，比特區政府的計劃提早五年。

理大會成立一個委員會，規劃、制定、實施、監察和審視校園碳中和的工作進度，以及相關的能源管理措施。年內，上述兩個範疇的人均碳排放量為1.42公噸二氧化碳當量，較2014/15年度的高峰減少超過30%。理大會按照目標時間表規劃行動綱領，繼續減少總體和人均碳排放量。理大亦於2022年度擔任香港可持續校園聯盟的召集人。

PolyU carbon-related projects on campus

The University aims to use the campus as a testbed to apply new technology and research solutions to enhance energy saving and reduce carbon emissions. The Campus Carbon Neutrality funding scheme will be established to implement sustainability-related research projects on campus.

7 ◆ Several sustainability research projects have commenced on campus, including the use of eco-blocks. The eco-blocks have been widely adopted in paving roads on and around the campus, and in making concrete and architectural mortars for buildings. They are designed to be used in constructing new campus development, in order to encourage recycling and reduce carbon emissions.

With the provision of smart electric metering systems, electricity consumption information will be collected on a departmental level and specific uses. This can enable the University to apply big-data analytics for future energy optimisation, fostering an energy-efficient campus and cultivating the culture of energy-conscious behaviours through educational and engagement programmes. Research input has been used to devise an energy allocation model for the systems as a testbed in a practical way to overcome the constraints for the provision of the systems in existing buildings. The creation of artificial intelligence-empowered digital twins will inform smart building energy management and will optimise energy saving. These energy-saving systems are planned to enhance the energy efficiency of the existing campus and new campus development.

8 ◆ Building-integrated photovoltaics applications have also been applied on various parts of campus to promote clean, eco-friendly, and renewable energy. By applying the “nanocomposite paste for self-cleaning photovoltaic panels” on the photovoltaic panels, organic compounds and pollutants are decomposed and brushed away by rainwater, increasing the system’s power generation by about 5 to 10%. Furthermore, with academic collaboration, PolyU has also replaced and re-commissioned the central air-conditioning plants to reduce energy consumption. To drive the on-going commissioning exercise, an artificial intelligence-empowered system will be adopted to enhance the performance of the plants continuously.



校園內減碳項目

理大以校園為驗證場地，應用嶄新技術和科研方案加強節能和減少碳排放，並設立校園碳中和資助計劃，將可持續發展的相關科研項目，於校園內應用。

多個可持續科研項目已經在校園應用，包括環保再造磚，已鋪設在校園內和周邊一帶道路，而環保再造磚亦會被用作製造混凝土和砂漿，應用於校園建築。理大亦計劃在校園發展新項目中使用環保再造磚，以鼓勵化廢為用和減少碳排放。

理大將會應用智能電錶系統收集各部門的用電量資訊以作特別用途，有助理大運用大數據分析優化未來的能源系統，並透過教育和活動，提倡節能習慣和文化。理大亦將其能源分配系統作為驗證研究的場地，令大學將有關節能的研究，轉化為實際應用方案，優化現有建築的能源分配系統。理大亦會利用人工智能分析的智能建築能源管理系統，優化節能管理。理大計劃將有關節能系統於現有校園建築和未來發展項目中應用，加強能源效益。

理大校園多處應用了「光伏建築一體化」方案，以推廣使用清潔、環保的可再生能源。透過在光伏板上噴灑「自動清潔太陽能光伏板納米塗層」，黏附於光伏板上的有機物和污染物，可自行分解和被雨水沖走，令光伏系統發電量增加5至10%。此外，理大透過與校內單位展開學術協作，已更換和重新調整中央空調設備，減少能源消耗，在將來更新能源系統的工作中，理大會繼續應用人工智能技術，加強設備效能。



Interdisciplinary research to foster a greener future

PolyU researchers, leveraging their multidisciplinary expertise, have also been engaged in path-breaking research projects geared towards achieving carbon neutrality on campus and beyond. There are a number of Research Institutes and Centres under PAIR that aim to strengthen the University’s leading role in the research of sustainable urban development, smart energy and waste management.

For example, the Research Institute for Sustainable Urban Development has been developing innovative solutions for sustainable high-density cities by capitalising on the living laboratory of Hong Kong’s urban environment. The strategic focus areas related to carbon neutrality include offshore wind power generation, smart energy efficient and grid responsive buildings, smart utilities, urban air pollution and health, urban ecology, and urban water management.

The Otto Poon Charitable Foundation Research Institute for Smart Energy is dedicated to developing innovative and sustainable energy technologies and solutions. Its research focus areas include district energy systems and smart grid, smart buildings and smart energy systems, advanced energy storage technologies, advanced and renewable energy conversion technologies, and advanced energy materials.

The Research Centre for Resources Engineering towards Carbon Neutrality is an interdisciplinary solid waste recycling research centre. It focuses on advanced technology and policy research in solid waste recycling issues which is a critical area in achieving carbon neutrality to tackle climate change.

跨學科研究 構建綠色未來

理大科研團隊憑藉不同學科專長，一直參與推動碳中和的嶄新研究項目。理大高等研究院轄下的多個研究院和研究中心，亦致力加強理大在可持續城市發展、智慧能源和廢物管理等科研領域的領導角色。

例如，可持續城市發展研究院一直研發適用於可持續高密度都市的創新解決方案，而香港本身就是一個實驗室，適宜驗證有關方案。與碳中和有關的策略性科研重點範疇，包括離岸風力發電、智能高效能源及電網適應樓宇、智能公用設施、城市空氣污染與健康、城市生態學以及城市水務管理。

潘樂陶慈善基金智慧能源研究院則專注發展創新和可持續的能源科技及解決方案。它的科研重點包括：區域能源系統和智能電網、智能樓宇和智能能源系統、先進能源儲存科技、先進可再生能源轉換科技，以及先進能源材料。

碳中和資源工程研究中心則是一所跨學科的固體廢物循環再用研究中心。它集中研究與固體廢物循環再用相關的先進科技和政策，這些都是有助應對氣候變化、達致碳中和的重要範疇。

Meanwhile, the Otto Poon Charitable Foundation Smart Cities Research Institute has proposed a carbon neutrality analysis and visualisation system for PolyU using a smart city platform, while the Research Institute for Artificial Intelligence of Things plans to develop an AI-empowered digital twin system to provide a digital replica of the actual campus environment and a command centre with a visualisation interface for simulations and decision-making.

These projects, among others, can lead to powerful applications in moving towards carbon neutrality.

Nurturing environmental awareness

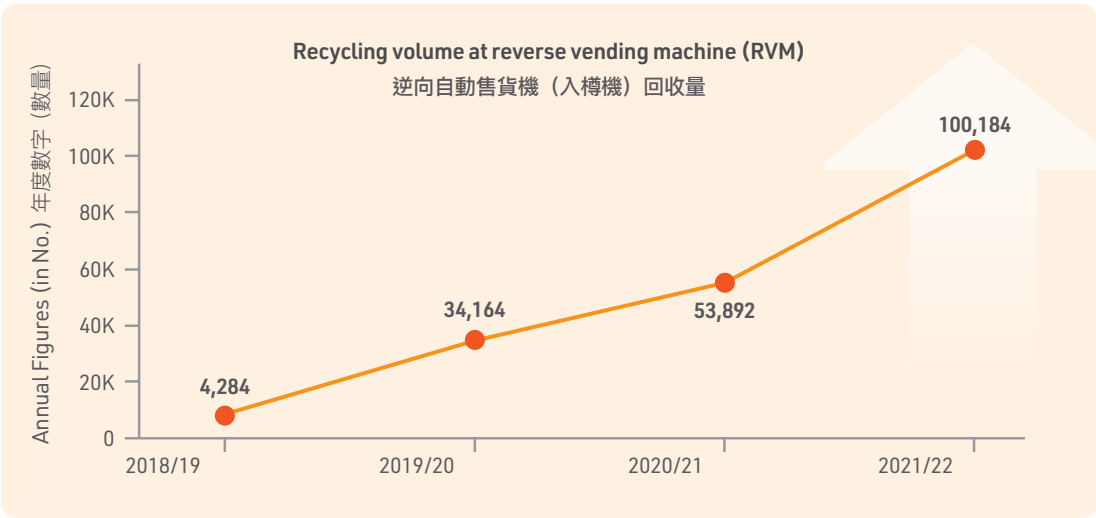
The participation of students and staff in PolyU's green initiatives is critical to sustainable campus development. The University has run the GreenCoin initiative on campus since 2019. GreenCoin as a mobile app enables users to earn virtual coins for engaging in sustainability activities including recycling or BYO (Bring Your Own) practices. We see GreenCoin as a platform to engage the University community to adopt a more sustainable lifestyle. The coins can be redeemed for e-coupons for use on campus, such as for free booking sessions of sports facilities. During the reporting period, more than 100,000 pieces of recyclables were collected through reverse vending machines, increased more than 85% compared to 2020/21. Furthermore, the quantity of municipal solid waste was reduced by over 180 tonnes and around 34,000 instances of BYO practices were recorded.

潘樂陶慈善基金智慧城市研究院提出，利用智慧城市平台為理大建立一個碳中和的分析和顯示系統。人工智能物聯網研究院則計劃開發一個人工智能驅動的數碼映射系統，分別建立校園環境的數碼複本以及具備視像介面的指揮中心，以供情景模擬和相關決策。

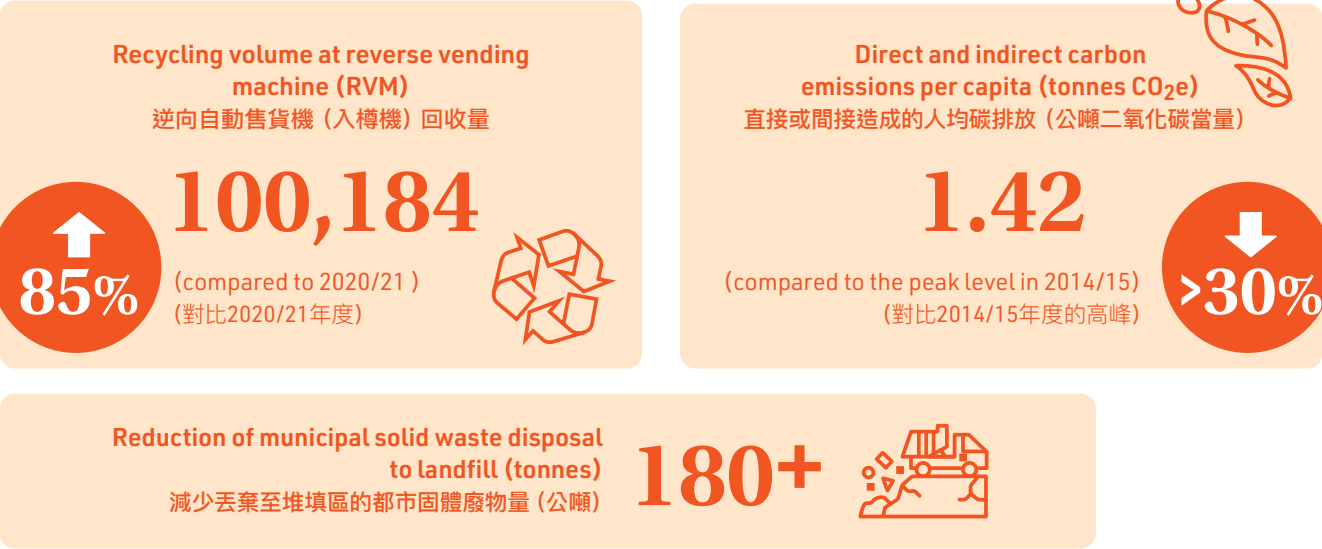
理大透過上述以及多項科研項目，可望研發出一系列應用方案，推動碳中和的進程。

採取環保措施 培養環保意識

理大學生和教職員參與環保活動，對校園可持續發展亦非常重要。大學自2019年起在校園推出GreenCoin計劃。用戶可透過GreenCoin手機應用程式參與環保活動，例如廢物回收和自攜食物容器，獲取虛擬貨幣。我們透過GreenCoin這個平台推動理大成員實踐更環保生活模式。GreenCoin可以在校園用作優惠券獲取獎勵，例如免費預約體育設施。本年度智能回收機收集到的可回收物超過十萬件，比2020/21年度增加85%。此外，理大的都市固體廢物量減少180公噸；理大成員自攜食物容器的次數多達3.4萬次。



Waste and carbon reduction
減廢與減排



Sustainability awards and occupational safety awards

PolyU has been granted the title of Hong Kong Green Organisation (HKGGO) by the Environmental Campaign Committee and the Environmental Protection Department since 2016. This sustainability recognition affirms PolyU's efforts and commitments to the environment. PolyU has also been repeatedly confirmed with the Excellent Level for Energywise Certificate and Wastewise Certificate for its commitments in energy efficiency and waste reduction.

PolyU also won the Safety Performance Award (Other Industries Category) in the 20th Hong Kong Occupational Safety and Health Award. It is the sixth consecutive year that the University has been honoured with this award for its exemplary efforts in ensuring workplace safety.

可持續發展獎項及職業安全大獎

理大自2016年起，獲香港環境運動委員會和環境保護署頒發香港綠色機構名銜，其保護環境的努力備受肯定。理大亦連續多次獲頒節能證書和減廢證書的卓越級別，表揚大學在節能和減廢方面的工作。

此外，理大於第20屆香港職業安全健康大獎中榮獲「安全表現大獎」（其他行業組別）。本校已連續六年獲頒該獎項，足證大學竭力確保工作間安全，表現傑出。



Facts and Figures

統計數字

Rankings 排名

THE Young University Rankings 2022
2022年度泰晤士高等教育
全球年輕大學排名



5th

THE Asia University Rankings 2022
2022年度泰晤士高等教育
亞洲大學排名



15th

QS World University Rankings 2023
2023年度QS世界大學排名

65th



THE World University Rankings 2023
2023年度泰晤士高等教育世界大學排名

79th



QS World University Rankings:
Sustainability 2023
2023年度QS可持續發展世界大學排名

82nd



QS World University Rankings by Subject 2022 2022年度QS世界大學學科排名

10th Hospitality and Leisure Management
酒店管理

1st

46th Environmental Sciences
環境科學

15th Architecture and Built Environment
建築與建造環境

48th Business and Management Studies
商業與管理研究

15th Civil and Structural Engineering
土木工程

1st

50th Social Sciences and Management
(Broad subject area)
社會科學與管理 (學術範疇)

16th Art and Design
藝術及設計

1st

ShanghaiRanking's Global Ranking of Academic Subjects 2022 2022年軟科世界一流學科排名

1st Hospitality and Tourism Management
旅遊休閒管理

1st

4th Management
管理學

1st

4th Civil Engineering
土木工程

1st

5th Transportation Science and
Technology
交通運輸工程

1st

1st Ranked first in Hong Kong
在本地大學中名列首位

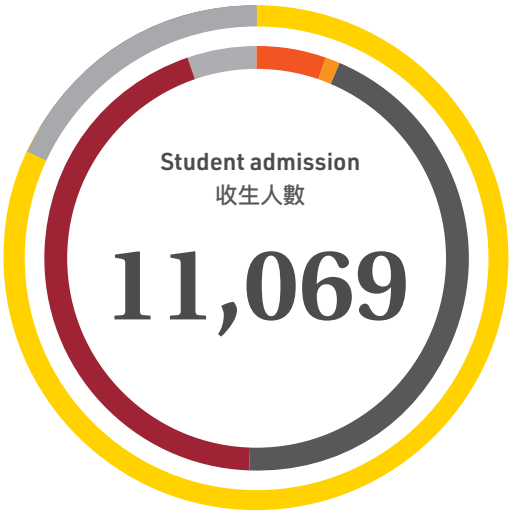
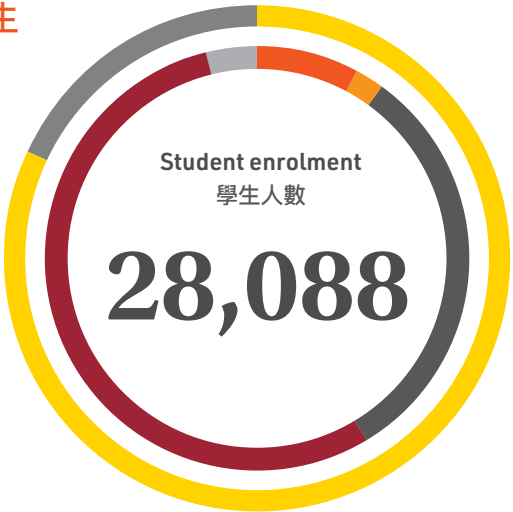
Taught programmes
授課式課程

2021/22	Number of programmes 課程數目	
	UGC-funded 教資會資助	Self-financed 自負盈虧
Professional Doctorate 專業博士課程	-	8
Taught Postgraduate 授課式深造課程	-	79
Undergraduate 學士學位課程	67*	-
Sub-degree 副學位課程	9	-
Sub-total 小計	76	87
Total 總數	163	

* Including 15 UGC-funded top-up bachelor's degree programmes 包括 15 項教資會資助的學士學位銜接課程



Students
學生



	2021/22 Student enrolment 學生人數	2021/22 Student admission 收生人數
Research Postgraduate 研究院研究課程	2,203	588
Professional Doctorate 專業博士	643	126
Taught Postgraduate 授課式深造課程	8,780	4,911
Undergraduate 學士學位課程	15,438	4,881
Sub-degree 副學位課程	1,024	563
Total 總數	28,088	11,069
Full-time 全日制	23,049	9,264
Part-time 兼讀制	5,039	1,805

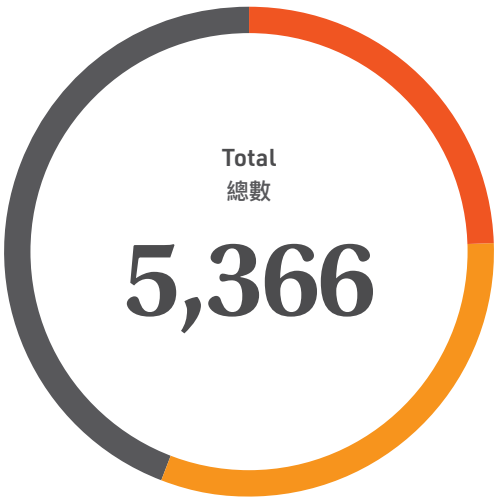
Graduates
畢業生



Research Postgraduate 研究院研究課程	414
Professional Doctorate 專業博士	105
Taught Postgraduate 授課式深造課程	5,018
Undergraduate 學士學位課程	4,302
Sub-degree 副學位課程	340



Full-time staff
全職制職員



Academic and teaching/Clinical staff 學術及教學/臨床職員	1,318
Research staff 研究職員	1,683
Administrative/Support staff 行政/支援職員	2,365

As at 31 October 2022
截至 2022 年 10 月 31 日

Research
科研



University Grants Committee Block Grants 大學教育資助委員會整筆撥款	\$904.4
Research Grants Council Funding Schemes 研究資助局資助計劃	\$230.1*
Other external competitive research grants 其他對外角逐撥款	\$322.5
Other funds 其他撥款	\$375.0

* During the year under review, the University secured more than HK\$311.24 million from various funding schemes administered by the Research Grants Council, as stipulated on p.75. 年內，大學從研究資助局管理的多項資助計劃中，獲批超過3.1124億港元撥款。詳見第75頁。



Interdisciplinary research by PolyU Academy for Interdisciplinary Research (PAIR)
香港理工大學高等研究院進行的跨學科研究



World's most highly cited researchers
全球最廣獲徵引研究人員

Updated science-wide author databases of standardised citation indicators by Stanford University (end of 2021)
史丹福大學「科學界作者標準化引文指標數據庫」(2021年底)



Highly Cited Researchers 2021 list by Clarivate
科睿唯安「2021年最廣獲徵引研究人員」



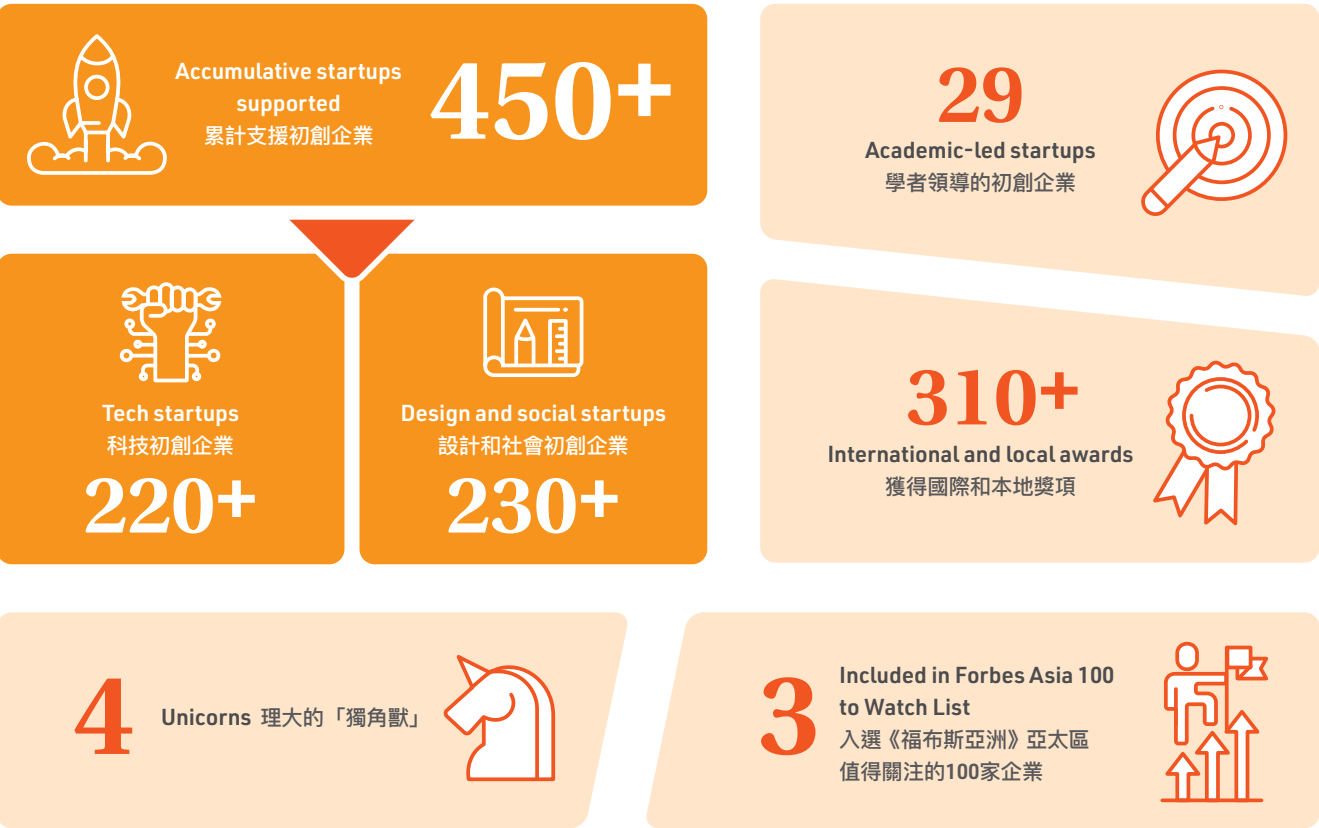
Library collections
圖書館館藏

	Number 數目
Volumes in library 圖書總冊數	1,239,010
e-Books 電子書籍	5,945,409
e-Journals (titles) 電子期刊 (種類)	178,396
Databases 電子數據庫	437
Computer files and others 電腦檔案及其他	6,484
Audio-visual materials 視聽資料	553,365
Microforms 縮微複製資料	187,147
Total library holdings 全館收藏資料總數	8,110,248

Knowledge transfer (2021/22)
知識轉移 (2021/22年度)



Entrepreneurship development
創業發展



University Governance

大學管治

University Governance

大學管治

Council and Court

The Council is the governing body of the University. Established under the PolyU Ordinance, the Council comprises the following members: the President and Deputy President of the University as ex-officio members; 17 lay members from the business, financial and industrial sectors, and the professions; 3 elected staff members; a member from the alumni; and 2 elected full-time students.

Dr Lam Tai-fai, Dr Lawrence Li Kwok-chang and Ms Loretta Fong Wan-huen were re-appointed by the HKSAR Chief Executive as Council Chairman, Deputy Council Chairman and Treasurer of the University respectively on 1 January 2022. Ms Shirley Chan Suk-ling, Ir James Lau Chi-wang, Ms Julia Lau Man-kwan, Mr Richard Leung Tim-chiu and Mr Sin Yat-kin were re-appointed by the Council as members on 1 April 2022. During 2021/22, the Council welcomed new members Mr Chew Fook-aun, Mr Rayman Chui Man-wai and Ir Yau Kwok-fai. Ir Dr Humphrey Leung Kwong-wai, Ir Dr Wong Kwok-keung, Dr David Ng Kin-ching and Mr Jeff Chan Wai-hei retired from the Council upon completion of their respective terms. (see p.150 for the Council membership as at 30 June 2022.)

The University Court is the supreme advisory body to the Council on matters of direction, with the objective of promoting the well-being of the University.

In 2021/22, Mr Chan Kam-lam, the Hon. Duncan Chiu, Ms Irene Chow Man-ling, Ir Johnny Fan Siu-kay, the Hon. Kenneth Fok Kai-kong, Mr Jimmy Kwok Chun-wah, Mr Billy Lam Chung-lun, Mrs Yvonne Law Shing Mo-han, Dr Raymond Leung Siu-hong, Mr Laurence Li Lu-jen, Mr Alex Lui Chun-wan, Ms Amy Lung Pui-ying, Dr Patrick Poon Sun-cheong, Mr Benedict Sin Nga-yan, Dr Henry Tan and Mr Augustus Tang Kin-wing were re-appointed as Court Members. New members joining the University Court during the year included Ir Dr Humphrey Leung Kwong-wai, Professor Ronald Li, Mr Peter Sit Kien-ping and Ir Yau Kwok-fai. Dr David Ng Kin-ching and Mr Alan Wu Wai-kuen retired from the University Court during the year. (see p.151 for the Court membership as at 30 June 2022)

校董會及大學顧問委員會

校董會是大學的管治組織，按香港理工大學條例成立，其組成包括：作為當然成員的校長和常務副校長；十七名來自商業、金融、工業及專業界別的校外成員；三名由選舉產生的教職員成員；一名校友和兩名由選舉產生的全日制學生成員。

林大輝博士、李國祥醫生及方蘊萱女士分別獲香港特別行政區行政長官繼續委任為校董會主席、校董會副主席及大學司庫，新任期於2022年1月1日生效。陳淑玲女士、劉志宏博士工程師、劉文君女士、梁甜超先生及單日堅先生獲校董會繼續委任為成員，新任期於2022年4月1日生效。2021/22年度新任校董包括周福安先生、徐汶緯先生和游國輝工程師。梁廣偉博士工程師、王國強博士工程師、吳堅清博士及陳偉僖先生於任期屆滿後卸任。(2022年6月30日校董會成員名單見第150頁)

大學顧問委員會是校董會的最高諮詢機構，負責就大學方向性的事項提供意見，以推動大學的發展。

2021/22年內續任的大學顧問委員會成員包括陳鑑林先生、邱達根議員、周雯玲女士、樊紹基工程師、霍啟剛議員、郭振華先生、林中麟先生、羅盛慕嫻女士、梁少康博士、李律仁先生、雷震寰先生、龍佩英女士、潘榮昌博士、冼雅恩先生、陳亨利博士及鄧健榮先生。新委任的顧問委員會成員有梁廣偉博士工程師、李登偉教授、薛建平先生及游國輝工程師。吳堅清博士及胡偉權先生於任期屆滿後卸任。(2022年6月30日大學顧問委員會成員名單見第151頁)

Senate

The Senate is the highest authority on all academic-related matters within the University. Chaired by the President, the Senate draws its membership from representatives of all faculties and academic departments as well as the student body. Under the Senate are a number of faculty and school boards and standing committees, with responsibility for various policy and functional areas. These include the Academic Appeals Committee, Academic Planning and Regulations Committee, Faculty/School/College Boards, Graduate School Board, Learning and Teaching Committee, Quality Assurance Committee (Academic Departments) and Research Committee.

Internal controls and audit

The University has in place policies and guidelines that enable management to operate and monitor effectively through checks and balances. It has also appointed an Audit Committee to ensure the effectiveness of internal control systems, internal audit processes and financial reporting.

The Internal Audit Unit performs audits in accordance with the Audit Work Plan approved by the Audit Committee and makes recommendations for improving the effectiveness and efficiency of the areas being reviewed. The Unit also performs follow-up audits to ensure implementation of audit recommendations. To maintain independence, the Unit reports directly to the Audit Committee.

Human resources management

During the year, the University continued to foster a culture of striving-for-excellence through various staffing mechanisms, including the staff appraisal system, and the funding model under the Salary Review and Reward System was refined to strengthen the linkage between staff members' performance and their total salary adjustment. Staff achievement was also recognised via the President's Awards for Outstanding Achievement. As for the sustainable manpower pipeline, Strategic Hiring Schemes operated effectively at all levels to bring in prominent talent, while serving staff with good performance were duly engaged beyond their normal retirement age.

教務委員會

教務委員會是大學內處理學術事務的最高決策單位，由校長擔任主席，成員包括各學院、學系和學生組織代表。轄下設有多個學院院務委員會及常務委員會，負責不同範疇的政策與職能，包括教務申訴委員會、教務策劃及規章委員會、學院院務委員會、研究生院院務委員會、教學委員會、質素委員會（教學部門）和研究委員會。

內部監管及稽核

理大制定了一系列政策和指引，管理層循此採取各項制衡措施，有效地管理並監察大學運作。此外，大學亦委任了一個審核委員會，確保大學的內部監管制度、內部稽核程序與財務報告制度行之有效。

內部稽核組根據審核委員會批准的審核計劃進行審核工作，並就審核的範疇提出改善工作效能和效益的建議。稽核組還會跟進各項審計建議，以確保改善措施得以落實執行。為保持內部稽核組運作的獨立性，該組直接向審核委員會負責。

人力資源管理

年內，大學通過員工評核制度等不同的人事機制，持續推動力臻卓越的校內文化，包括修訂了薪酬檢討及獎勵制度下的撥款模式，加強員工的工作表現及其薪酬調整之間的連繫。員工的貢獻亦通過「校長特設傑出成就獎」獲得表彰。就可持續的人力資源梯隊，策略性招聘計劃繼續行之有效，於各職級延攬優秀人才，而表現良好的現任員工，亦於屆滿原定退休年齡後獲得留任。

Risks and mitigation measures

The University strives to maintain high standards of governance and robust risk management. Accordingly, it has established an enterprise risk management framework to systematically identify, assess and manage its financial, operational, compliance and reputational risks as well as steer its strategic focuses.

The University has developed a Key Risks Register to capture the strategic and key operational risks of the University. It further uses the dimensions of *impact* (the extent to which a risk event would affect the University) and *vulnerability* (the susceptibility of the University to a risk should it arise) to assess and prioritise risk. In addition, the University's management and the Council review the key risks and implementation progress of the mitigation measures on a regular basis to ensure that the risk exposure of the University is within an acceptable level. As part of this assurance, the Internal Audit Unit continues to adopt a risk-based approach that takes into account the key risks of the University when developing its annual audit plan. The Unit also reports to the Audit Committee of the Council on the adequacy and effectiveness of the enterprise risk management framework.

Financial sustainability and control

- **Financial planning**
The University's strategic focuses and initiatives are supported by a budget strategy of realistic but prudent resources planning, together with scenario analysis, to ensure financial viability and sustainability. "Financial health and institutional sustainability" is the key goal of the overall financial planning, and one of the five domains of the Strategic Plan for 2019/20-2024/25.

As a supplement to UGC funds, non-UGC-funded income enables PolyU to maintain financial sustainability. To strengthen the fundraising capabilities of the University, The Hong Kong Polytechnic University Foundation was established in 2014 with a strong governance structure. The University will continue its endeavours to diversify its income sources through the generation of various non-UGC revenues and will exercise due diligence in its financial management through regular reviews and monitoring.

風險和緩解措施

大學致力維持良好的管治水平和穩健的風險管理流程，並制定了企業風險管理架構，在推動策略性發展的同時，能有系統地識別、評估與管理其財務、營運、法規和信譽風險。

大學根據風險產生之影響（即風險事件對大學的影響程度）和脆弱性（即大學承受風險的能力）作出風險評估，為風險的優次排序，並制定了機構風險記錄表，用於識別策略風險和關鍵的營運風險。大學管理層和校董會定期檢視主要風險和緩解措施的實施進度，確保其符合大學風險的可承受範圍。內部稽核組亦繼續採用以風險為基礎的審核方針，在制定年度審核計劃時考慮大學面對的主要風險，並向校董會轄下的審核委員會報告企業風險管理架構的成效，以做好質素保證的工作。

財務的可持續性與監管

- **財務規劃**
大學奉行切實的財務規劃，在調配資源方面相當審慎，既為策略重點和項目計劃提供足夠的支援，也使用方案分析確保財務上的可行性與持續性。作為2019/20-2024/25策略發展計劃五個綱領的其中之一，「財務健康與機構可持續性」正是整體財務規劃的關鍵目標。

來自非教資會的收入可為教資會的撥款作補充，令理大得以維持財務的可持續性。2014年成立的「香港理工大學基金」，更有着強大的管治架構，藉以加強大學的籌款能力。為了讓收入來源更多元化，大學將繼續致力開闢各種非教資會的收益之餘，還會通過定期審查和監管以謹慎理財。

The projected decline in students from secondary schools has led to concerns about whether the College of Professional and Continuing Education (CPCE), a self-financed arm of the University with programmes offered through two wholly-owned subsidiaries of the University, namely, College of Professional and Continuing Education Limited and Hong Kong Community College, will be able to recruit a sufficient number of high-quality students to be financially sustainable. As a reputable leader in its sector and being responsive to market developments, CPCE is confident in its ability to recruit sufficient numbers of high-quality students in the coming years. In addition, CPCE has been prudent in its financial management and has a robust and comprehensive operating model and credible business plan. It is expected that CPCE will continue to maintain a healthy level of retained earnings to support its continuing operation.

- **Management of capital projects**

PolyU's capital projects are mainly funded by the UGC as part of the Capital Works Programme of the Government. The University assumes full responsibility and accountability for the projects. It will conduct a risk assessment process, which is in line with UGC requirements, before committing to any capital expenditures. A system of cost controls and monitoring has also been established for major planned capital spending, which has been incorporated into the University's budgeting process and is subject to the scrutiny of the designated committees of the Council. Rigorous procurement procedures are also in place for purchases under capital subvention, with reference to the Government's latest rules and regulations on public capital works. Continuous monitoring/reviews of capital projects are carried out throughout the projects' programme, with periodic reports submitted to the Council/its Committee until the completion of the project.

中學生人數預計將持續減少，這現象令人關注理大轄下自負盈虧營運的專業及持續教育學院能否招收足夠的優秀學生，能否維持財務上的可持續性。專業及持續教育學院是由理大成立的自資學院，透過專業及持續教育學院有限公司和香港專上學院兩家理大的附屬機構提供課程。作為該界別聲譽良好的領導者，專業及持續教育學院一直積極回應市場的發展，在未來數年有信心能夠招收到足夠的優秀學生。另外，專業及持續教育學院在財務管理方面一直保持審慎的態度，通過穩健、全面的營運模式，建立健全而可靠的計劃。財政上，專業及持續教育學院將繼續維持健康水平，累積盈餘，以支持其持續運作。

- **基建工程管理**

理大的基建工程項目是政府基本工程計劃的一部分，主要由教資會資助，大學須承擔項目的全部責任。在投放資金於基建項目前，大學會根據教資會的要求對基建工程項目進行風險評估；又會制訂成本控制及監察制度，以審視所有大型基建項目的支出，將之納入大學的預算編制過程裏，並由校董會指定委員會負責監管。對於獲政府撥款的基建項目，大學會執行嚴格的採購程序，並參考政府最新的公共基建工程規章和條例。在項目完成之前，大學將持續監測及檢討項目的進展，定期向校董會或其委員會提交報告。

In February 2019, the University received a one-off capital grant, the Hostel Development Fund (HDF), from the UGC for the development of two student hostel projects at Ho Man Tin Slope and Kowloon Tong to solve the University's chronic shortfall in student hostel places. Unlike the traditional capital works projects, the UGC will not provide any price adjustment beyond 2018 for the student hostel projects under the HDF, in line with other UGC-funded universities, and the University is advised to invest any surplus cash flow with a view to covering any potential increases in the hostel construction costs due to price adjustments. The University will also be liable for the payment of liquidated damages to the UGC if there is a delay in delivering the hostel places beyond the stipulated designated completion date. In view of the challenges and risks anticipated in managing the HDF, a Hostel Development Task Force under the Council has been established to advise and act as a bridge between the Council and various related committees to oversee the two hostel development projects.

- **Investment of Working Capital Fund**

Investment and interest income derived from the University Working Capital Fund is an essential source of income for PolyU to build a stronger financial foundation. Investments are generally exposed to various risks including interest rate, market, currency and credit risks.

The University has been strengthening its investment governance through the Investment Committee. Investment risks are managed through cash flow projection and planning, diversified asset allocation, sound rules governing the selection of investment counterparties with reference to their performance, financial strength and credit rating, and the formulation of appropriate investment mandates, portfolio performance measurements and evaluations. The Investment Committee also conducts regular reviews and monitors the performance of investment managers.

大學於 2019 年 2 月獲得教資會的一次性補助金即宿舍發展基金，用於發展兩個分別位於何文田斜坡及九龍塘的學生宿舍項目，以徹底解決宿位長期短缺的問題。有別於傳統的基建工程撥款項目，自2018 年以後，教資會將不會向宿舍發展基金下的學生宿舍項目補貼任何價格調整。這與其他獲得教資會資助的大學情況相同，因此，大學需要把宿舍發展基金的現金結餘用作投資，以彌補兩個宿舍發展項目因價格調整而增加的建築成本。如果在規定的日期之前未能提供指定的宿舍名額，大學更須向教資會支付違約賠償金。鑑於管理宿舍發展基金可能面臨的各種挑戰和風險，校董會轄下設立了學生宿舍發展專責小組，小組會提供建議，並充當校董會與各個相關委員會之間的橋樑，以監督兩個宿舍的發展項目。

- **營運資金的投資**

由大學營運資金所得的投資和利息收入是理大一項重要的收入來源，能讓理大建立更穩固的財務基礎。投資一般面對的風險涉及利率、市場、匯率，以及信貸等方面。

大學透過成立投資委員會加強對投資的管治。投資風險管理涵蓋現金流量預測及規劃、資產配置多元化、完備的投資策略評選準則，當中包括參考相關投資經理的過往表現、財政實力及其產品的信貸評級，藉此制定適合大學的投資分配方針和組合，以及對其業績作出衡量及評鑑。投資委員會也會定期檢討和監察個別投資經理的業績和表現。

The Investment Committee is supportive of responsible investment, and has encouraged the appointed investment managers, banks and investment service providers to incorporate environmental, social and governance (ESG) factors into their procedures for conducting and monitoring investing activities. The Investment Committee will closely monitor the development of ESG standards and practices to assess how they can be further integrated into the investment process.

- **Procurement**
Procurement risks include quotations from fictitious suppliers, financial instability of suppliers leading to supplier failure, splitting of purchases, higher prices than the prevailing market price in a repeat order where the price is lower than the original contract, delivery of a product different from the one specified in the purchase order, bid-rigging cartels causing higher price and poorer quality of goods and services, exchange rate fluctuations for purchase orders placed in a foreign currency, abuse of procedures and malpractice, among others.

The risks associated with the procurement function are managed and controlled through the promulgation of the Manual of the Purchasing Procedures, setting up of the Equipment and General Purchases Tender Committee, registration of frequent and major suppliers, arrangement of blanket purchase agreements for common items, and segregation of duties among departmental buyers, end users and goods receiving personnel. Exchange rate fluctuations for purchase orders in a foreign currency, especially large-value purchases with long delivery lead times, are managed through currency hedging.

- **Management of fixed assets**
The fixed assets records of the University are maintained in the Inventory Management System supported by the Finance Office. The custody of assets and the corresponding updating of these asset records are the responsibility of the owner departments which also perform regular physical checks according to a set of established procedures.

投資委員會支持負責任的投資，並鼓勵被委任的投資經理、銀行和投資服務供應商將環境、社會和管治 (ESG) 因素納入其執行和監察投資業務的程序中。投資委員會將密切關注ESG標準和實踐的發展，以評估如何進一步將其融合到投資流程中。

- **採購**
採購風險包括來自虛假供應商的報價、因供應商財政不穩而導致採購失效、拆分訂單以繞過審批程序、低於原合約定價但高於現行市場價格的重複訂單、交貨產品與採購訂單中指定的產品不符、供應商圍標以至在購買貨品及服務時需付出更高價錢、外幣交易的採購訂單受到匯率波動的影響，以及濫用程序和瀆職等。

大學透過頒布採購程序手冊、成立採購招標委員會、登記常用和主要供應商、對某些經常使用的項目採用定期採購合同，以及界定部門採購員、使用者和收貨人員之間的職責劃分，藉以管理和監控採購衍生的風險。對於外幣交易採購單所面對的匯率波動，尤其是價值高而送貨時期長的採購活動，則透過貨幣對沖以收管理之效。

- **固定資產管理**
大學的固定資產均記錄在財務處支援的資產管理系統之中。擁有該資產的部門須負責保管資產和更新資產記錄，並根據既定程序作定期盤點。

- **Insurance**
The University maintains comprehensive insurance policies which are appropriate to cover insurable risks for the University's fixed assets and its related activities, including property all risks, employees' compensation and public liability.

Human assets

During the year, the pandemic hindered global recruitment and competition for talent was intense in the market. The University continued to use strategic hiring, and it implemented contingent recruitment procedures to cope with the circumstances, in order to maintain timely succession and adequate manpower, despite the challenges.

Cyber security

To manage cyber threats to information assets hosted at the University Data Center, Information Technology infrastructure has been rearchitected to reduce potential attack surface and contain damage from spreading. Every year, all internet-facing systems hosted at the University Data Centre have to re-register and undergo a security health check, to ensure only those application traffic required by business can have the privilege in flowing through internet firewall.

Systems co-located and hosted at the University Data Centre have been migrated to separate network zones according to their respective risk levels to contain lateral attacks from affected machines to further damage other critical information assets.

Additional measures have been taken in light of the heightened risk of phishing attack. For example, all inbound email messages will be scanned for anomaly detection. If suspicious external messages are received, reminder tags will be added to alert recipients, and unsolicited messages that matches past phishing attack patterns will be blocked.

- **保險**
大學購買了全面的綜合保單，能適當地保障可受保的固定資產及與大學相關的活動，包括財產全險、僱員補償保險，以及公眾責任保險。

人才

年內，疫情使全球招聘變得困難，市場上的人才競逐亦趨激烈。大學堅守其招聘策略，並配合環境狀況調整招聘流程，有效地維持適時的人才更替，確保有充足人力資源以應付各種挑戰。

網絡安全

為管控大學數據中心信息及網絡安全，資訊科技的基礎設施已設置新架構，以減低攻擊面及控制網絡攻擊所產生的損害快速蔓延開去。所有託管在大學數據中心並面向互聯網的應用系統均需要每年重新註冊，並進行保安檢查，以確保只有仍然符合運作需要的系統數據才能獲得通過互聯網防火牆。

在大學數據中心設置及託管的系統，將會按風險等級遷移至相應子網絡區域，預防受到當中已被攻擊及控制的系統利用，以此作為進一步深入攻擊的工具，確保大學的重要資訊資產的安全。

另外，有鑑於網絡釣魚攻擊的風險增加，接收的電郵信息均會進行異常檢測，如發現可疑的外來電郵，將加入標籤以提示收件者。如有未經請求的電郵與過往攻擊電郵的運作模式吻合，這些電郵將會被攔截。

The University also strengthens its detective and alert capabilities in finding exceptions when users access to PolyU Office 365 applications hosted on Cloud. From March 2022 onwards, two-factor authentication is required for all staff and students when they access from locations outside HKSAR.

Going forward, the University will uplift protection mechanism on PolyU staff workstations and notebooks to contain cyber threats risks, this include strengthen end point exception detection and response capability in addition to antivirus software.

Knowledge transfer (KT) and technology commercialisation

Underpinned by a KT policy that prioritises the advancement of industry and societal impact over financial return, robust processes with effective governance have been set up to manage the University's KT operations and safeguard its operations from most commercial disputes. These related policies and processes are overseen by the Knowledge Transfer Steering Committee and subject to the scrutiny of the Knowledge Transfer Committee of the Council, while technology transfer and commercialisation-related cases are considered and approved by the Technology Transfer Management Committee. To mitigate contractual risks, the University has deployed PolyU Technology and Consultancy Company Limited (PTeC), a wholly-owned subsidiary, to take responsibility for external dealings concerning technology commercialisation and KT engagements. PTeC, which is accredited to the ISO9001:2015 standard, strives to ensure KT activities are conducted in a proper manner, without conflicts of interest. It addresses and balances the interests of stakeholders, following structured processes for risk management, to protect PolyU's interests, guard against unauthorised exploitation of PolyU's name or goodwill, and shield PolyU from potential risks and unforeseen liabilities.

大學亦加強了理大Office 365託管雲用戶登入及使應用程式偵測和警報能力，由2022年3月起，所有教職員和學生從香港特別行政區以外地方登入時，均須進行雙重身分驗證。

大學將會在多個範疇上提升理大教職員的工作站和筆記本電腦的保護機制，以遏制網絡威脅的風險。措施除了攔截病毒軟件，還包括加強用戶終端的偵測及回應能力等。

知識轉移與技術商品化

理大知識轉移政策的基礎，在獲得財務回報之前，優先考慮業界的發展和社會影響力，因而制定了具有效治理的嚴格管理流程，以防範潛在的商業風險。由大學的知識轉移督導委員會督導相關政策和流程，以及由校董會轄下的知識轉移委員會負責審查，而與技術轉移和商品化有關的方案則由技術轉移管理委員會審議並批准。為減低商業合作的風險，理大委託其全資附屬公司－理大科技及顧問有限公司負責處理對外的技術商品化和知識轉移的交易。該公司獲得質量管理系統ISO9001：2015標準的認證，致力確保知識轉移項目能在有效的管治模式下進行，避免產生利益衝突。該公司照顧與平衡持分者的利益，還遵循制度化的程序以管理風險，保護大學的利益，保障大學的名譽，防止未經授權的引用，使理大免受潛在風險和不可預見的責任。

Moreover, the University's academic and KT activities are insured under general and professional risks insurance policies to protect its operations against potential claims on professional indemnity, product liability, public liability, and other fiduciary obligations to employees, directors and officers. As a matter of principle, the University and its subsidiaries will not engage in KT activities where the risk exposure is beyond mitigation measures for financial and reputational risks.

The University has also established the Entrepreneurship Investment Fund (EIF) for the purpose of investing in startups with great potential and transforming PolyU's research and technological innovations into significant impact. In order to govern the operations and development of the EIF, the University has set up an Entrepreneurship Investment Fund Sub-Committee (EIFSC) under the Investment Committee to oversee the investment policies and strategies and make investment or divestment decisions of EIF.

Internal communication

PolyU promotes communication across the University by encouraging management to gather feedback from staff and students. Communication channels include President's sharing sessions and regular newsletters for staff, students and alumni, as well as meetings between management and representatives of the Staff Association and student organisations. As the epidemic situation in Hong Kong eased during the year in review, the President resumed face-to-face small-group meetings with staff and students from different backgrounds. There were fruitful exchanges on a range of topics and issues of concern to colleagues and students.

Given the ever-changing environment, the University is bound to encounter expected or unexpected issues that might interrupt the operation of the institution. A set of Issues Management Procedures has been developed setting out the guidelines and procedures for effective issue management.

此外，大學按一般和職業風險保障的相關政策，為學術和知識轉移活動購買保險，並提供保障以應對可能的索賠責任，當中包括專業賠償、產品責任、公眾責任，以及對僱員、董事和大學人員的受信責任。原則上，倘若知識轉移活動的財務和聲譽風險超越緩解措施可承擔之程度，大學及其附屬公司則不會從事相關活動。

大學亦成立了「創業投資基金」，以投資於具備巨大潛力的初創企業，將理大的科研和技術創新轉化為重大影響力。為了管理該基金的運作和發展，大學在其投資委員會轄下成立了「創業投資基金小組委員會」，以監督該基金的投資政策和策略，並做出投資或撤資決定。

內部溝通

理大積極促進校內各層次的溝通，讓管理層收集員工及學生的意見。交流意見的渠道包括校長分享會、與員工、學生和校友的定期通訊，以及管理層與教職員協會和學生組織的代表會面。年內，香港疫情有所緩和，校長遂恢復與各職系員工和學生進行小組會面，並就同事和學生關心的議題討論交流。

外在環境瞬息萬變，大學會遇到各種預期內外的不同情況，並可能影響大學運作。有鑑於此，大學制定了事故處理程序，就如何有效處理事故制訂了指引與程序。

Membership of Council (as of 30 June 2022)

校董會成員（2022年6月30日名單）

Chairman 主席

Dr Lam Tai-fai 林大輝博士, *GBS, JP* *

Deputy Chairman 副主席

Dr Lawrence Li Kwok-chang 李國祥醫生, *JP* **

Treasurer of the University 大學司庫

Ms Loretta Fong Wan-huen 方蘊萱女士 *

Members 成員

(a) The President and the Deputy President

校長及常務及學務副校長

Professor Jin-Guang Teng, President 校長滕錦光教授, *JP*

Professor Wing-tak Wong, Deputy President and Provost
常務及學務副校長黃永德教授

(b) Three elected staff members appointed by Council

三名當選並由校董會委任的員工成員

(i) elected by and from full-time staff

由全職員工從全職員工中選出

Dr Vincent Cho Wing-sing 曹永成博士

Dr Rodney Chu Wai-chi 朱偉志博士

(ii) elected by and from the Senate

由教務委員會從教務委員會中選出

Ir Professor H.C. Man 文効忠教授、工程師

(c) Seventeen members who are not employees or students of the University or public officers

十七名非大學僱員或學生或公職人員的成員

(i) nine appointed by the Chief Executive

九名由行政長官委任

Professor Karen Chan Ka-yin 陳嘉賢教授, *JP*

Ir Arthur Lee Kam-hung 李錦雄工程師

The Hon. Jimmy Ng Wing-ka 吳永嘉議員, *BBS, JP*

Ir Dr Derrick Pang Yat-bond 彭一邦博士、工程師, *JP*

Dr Thomas So Shiu-tsung 蘇紹聰博士, *JP*

Mr Alex Wong Chun-bong 王振邦先生

Dr Daniel Yip Chung-yin 葉中賢博士, *JP*

Secretary 秘書

Miss Connie Chan Yuk-wa 陳育華小姐

(ii) eight appointed by the Council

八名由校董會委任

Ms Shirley Chan Suk-ling 陳淑玲女士, *BBS, JP*

Mr Chew Fook-aun 周福安先生

Mr Rayman Chui Man-wai 徐汶緯先生

Ir Dr James Lau Chi-wang 劉志宏博士、工程師, *BBS, JP*

Ms Julia Lau Man-kwan 劉文君女士, *JP*

Mr Richard Leung Tim-chiu 梁甜昭先生

Mr Sin Yat-kin 單日堅先生, *SBS, CSDSM, JP*

(d) One member from the alumni who is not an employee of the University appointed by the Council

一名由校董會委任和非大學僱員的校友成員

Ir Yau Kwok-fai 游國輝工程師

(e) Two members from the full-time students appointed by the Council

兩名由校董會委任的全日制學生成員

(i) elected by and from undergraduate and sub-degree students

由本科生及學位以下程度課程學生從本科生及學位以下程度課程學生中選出

(to be elected 有待選出)

(ii) elected by and from postgraduate students

由研究生從研究生中選出

(to be elected 有待選出)

* Members appointed under category (c) (i)
根據類別 (c) (i) 獲委任的成員

** Member appointed under category (c) (ii)
根據類別 (c) (ii) 獲委任的成員

Membership of University Court (as of 30 June 2022)

大學顧問委員會成員（2022年6月30日名單）

Chairman 主席

Dr Katherine Ngan Ng Yu-ying 顏吳餘英博士, *MH, JP*

Honorary Chairmen 榮譽主席

Dr Roy Chung Chi-ping 鍾志平博士, *GBS, JP*

Dr the Hon. Victor Lo Chung-wing 羅仲榮博士, *GBM, GBS, OBE, JP*

Ex-officio Members 當然委員

Chairman of Council 校董會主席

Dr Lam Tai-fai 林大輝博士, *GBS, JP*

Deputy Chairman of Council 校董會副主席

Dr Lawrence Li Kwok-chang 李國祥醫生, *JP*

Treasurer of the University 大學司庫

Ms Loretta Fong Wan-huen 方蘊萱女士

President of the University 校長

Professor Jin-Guang Teng 滕錦光教授, *JP*

A member of Senior Management nominated by the President

由校長指派的管理層成員

Dr Miranda Lou Lai-wah 盧麗華博士

Executive Vice President 行政副校長

President of Federation of PolyU Alumni Associations

香港理工大學校友會聯會會長

Ir Yau Kwok-fai 游國輝工程師

Two elected student members of Council

兩名當選的校董會學生成員

(to be elected 有待選出)

Immediate Past Chairman of Council 上屆校董會主席

Mr Chan Tze-ching 陳子政先生, *BBS, JP*

Honorary Members 榮譽委員

Dr Raymond Chan 陳煒文博士, *JP*

Dr the Hon. Jonathan Choi Koon-shum 蔡冠深博士, *GBM, GBS, JP*

Dr Patrick Fung Yuk-bun 馮鈺斌博士, *JP*

Ms Katherine Hung Siu-lin 洪小蓮女士

The Hon. Jeffrey Lam Kin-fung 林健鋒議員, *GBS, JP*

Mr Kenneth Lam Yiu-kin 林耀堅先生

Mr Lawrence Lam Yin-ming 林彥明先生, *PMSM*

Dr the Hon. Lui Che-woo 呂志和博士, *GBM, MBE, JP*

Ir Professor Fred Sai-ho Ng 吳世豪教授、工程師

Dr Danny Ngai Kam-fai 倪錦輝博士, *JP*

Mr James Pei-chun Tien 田北俊先生, *GBS, JP*

Dr Henry Tseng Chee 曾琦博士

Dr Allan Wong Chi-yun 黃子欣博士, *GBS, JP*

Dr the Hon. Yu Kwok-chun 余國春博士, *GBM, GBS, SBS, JP*

Dr the Hon. Jose Yu Sunsay 楊孫西博士, *GBM, GBS, SBS, JP*

Members 委員

Mr Dennis Chan Shui-lun 陳瑞麟先生

Mr Chan Kam-lam 陳鑑林先生, *GBS, JP*

The Hon. Duncan Chiu 邱達根議員

Dr Francis Choi Chee-ming 蔡志明博士, *GBS, JP*

Ms Irene Chow Man-ling 周雯玲女士

Mr Oscar Chow Vee-tsung 周維正先生

Ir Johnny Fan Siu-kay 樊紹基工程師

The Hon. Kenneth Fok Kai-kong 霍啟剛議員, *JP*

Mr Martin Hui Siu-ting 許紹鼎先生

Mr Jimmy Kwok Chun-wah 郭振華先生, *SBS, MH, JP*

Mr Billy Lam Chung-lun 林中麟先生, *GBS, JP*

Mrs Yvonne Law Shing Mo-han 羅盛慕嫻女士, *BBS, JP*

Mr Lee Ka-shing 李家誠先生, *GBS, JP*

Ir Dr Humphrey Leung Kwong-wai 梁廣偉博士、工程師, *JP*

Dr Raymond Leung Siu-hong 梁少康博士

Miss Connie Chan Yuk-wa 陳育華小姐

Mr Laurence Li Lu-jen 李律仁先生, *JP*

Professor Ronald Li 李登偉教授

Mr Liu Sing-cheong 廖勝昌先生, *JP*

Mr Joseph Lo Kin-ching 勞建青先生

Mr Alex Lui Chun-wan 雷震寰先生

Ms Amy Lung Pui-ying 龍佩英女士

Mr Ng Wai-hung 伍偉雄先生, *MH*

Ms Winnie Ng Wing-mui 伍穎梅女士, *JP*

Sr Kenneth Pang Tsan-wing 彭贊榮測量師, *SBS*

Dr Patrick Poon Sun-cheong 潘榮昌博士, *SBS*

Mr Benedict Sin Nga-yan 冼雅恩先生

Mr Peter Sit Kien-ping 薛建平先生

Mr Irons Sze Wing-wai 施榮懷先生, *BBS, JP*

Professor Cliff Sun Kai-lit 孫啟烈教授, *BBS, JP*

Dr Henry Tan 陳亨利博士, *BBS, JP, LHD*

Mr Augustus Tang Kin-wing 鄧健榮先生

Mr Eric C. Yim 嚴志明先生, *JP*

Mr Jeffrey Yue Chi-wang 余智宏先生

Mrs Betty Yuen So Siu-mai 阮蘇少湄女士, *JP*

Report of the Council
校董會報告

I. Standing Committees of Council (as of 30 June 2022)
校董會轄下的常設委員會 (截至2022年6月30日)

1. Audit Committee 審核委員會

Terms of Reference

1. The Audit Committee will play an advisory role and report directly to Council.
2. It will perform a review of the University’s annual accounts, focusing on the adequacy and fairness of disclosure, before its submission to Council for approval.
3. It will be responsible for ensuring that an appropriate control environment is maintained, that risks are identified and appropriate controls implemented to address the risks, and that such controls are functioning effectively.
4. It will satisfy itself that external and internal audits are functioning effectively.
5. It will approve the appointment or re-appointment of external auditors.
6. It will meet with, as necessary, the external auditors and assess key audit findings, and with internal auditors and receive copies of all internal audit reports.
7. It may be invited to assist Council in addressing other relevant issues that might emerge from time to time.
8. It will invite relevant units and executives of the University to support its work.

職權範圍

1. 審核委員會為直接向校董會匯報的諮詢組織。
2. 審核大學的年度帳目，特別是有關資料的披露是否充足和合理，再提交校董會審批。
3. 確保大學具備合適的監管機制，能有效地識別和控制風險。
4. 確保校外和內部稽核有效運作。
5. 委任或續聘校外核數師。
6. 視乎需要，與校外核數師會面並評估主要稽核結果，並與大學稽核組審閱所有內部稽核報告。
7. 協助校董會處理其他相關事務。
8. 視乎需要，邀請大學有關部門及行政人員協助審核工作。

Membership 成員

Chairman 主席

A lay member of Council with appropriate expertise, excluding those serving on other Council Standing Committees, appointed by Council Chairman
一名由校董會主席委任，具專業知識的校外校董會成員（已出任其他常設委員會委員的校董會成員除外）

Dr Thomas So Shiu-tsung 蘇紹聰博士, JP

Members 成員

Two lay members of Council with appropriate expertise, excluding those serving on other Council Standing Committees, appointed by Council Chairman
兩名由校董會主席委任，具專業知識的校外校董會成員（已出任其他常設委員會委員的校董會成員除外）

Professor Karen Chan Ka-yin 陳嘉賢教授, JP

The Hon. Jimmy Ng Wing-ka 吳永嘉議員, BBS, JP

Secretary 秘書

Head, Internal Audit Unit 內部稽核組總幹事
Ms Eva Chiu Sau-chun 趙秀珍女士

2. Campus Development Committee 校園發展委員會

Terms of Reference

1. To advise Council on all questions relating to the acquisition, purchase, lease, development, erection, alteration and maintenance of all the University’s lands and buildings.
2. To advise on and approve on behalf of Council, or endorse for Council’s approval, as appropriate, the appointment of architects and other professional consultants for the development of buildings and acquisition and installation of plant and equipment.
3. To examine and approve sketch designs and estimates.
4. To receive reports and to approve on behalf of Council, or endorse for Council’s approval, as appropriate, recommendations from the Works Tender Board.
5. To appoint sub-committees or project teams, as and when necessary, to deal with major building projects.

職權範圍

1. 就一切有關大學土地和物業的持有、購置、租賃、發展、興建、維修和保養方面的事宜向校董會提供意見。
2. 向校董會建議，或在校董會授權下代表校董會就興建大學物業及添置設備委任建築師及其他專業顧問。
3. 審批設計圖則和預算。
4. 審閱工程投標委員會報告，並向校董會建議或在校董會授權下代表校董會審批工程投標委員會的建議。
5. 如有需要，委任附屬委員會或項目小組處理大學主要建築項目事宜。

Membership 成員

Chairman 主席

A lay member of Council appointed by Council Chairman
一名由校董會主席委任的校外校董會成員

Ir Dr James Lau Chi-wang 劉志宏博士、工程師, BBS, JP

Members 成員

Up to five other lay members of Council appointed by Council Chairman
最多五名由校董會主席委任的校外校董會成員

Mr Rayman Chui Man-wai 徐汶緯先生

Dr Lam Tai-fai 林大輝博士, GBS, JP

Ms Julia Lau Man-kwan 劉文君女士, JP

Ir Yau Kwok-fai 游國輝工程師

The elected staff member who is serving the first year of his/ her term of office
首年出任校董的員工成員

Dr Vincent Cho Wing-sing 曹永成博士

President 校長

Professor Jin-Guang Teng 滕錦光教授, JP

A member of senior management nominated by the President and appointed by Council Chairman
一名由校長提名並由校董會主席委任的管理層成員

Mr Simon Wong Yuk-sun 黃煜新先生

Vice President (Campus Development & Facilities)
副校長(校園發展及設施管理)

Secretary 秘書

Director of Campus Development 校園發展總監
Mr Ben Lau Man-piu 劉文彪先生

3. Council Membership Nominations Committee (CMNC) 校董會成員提名委員會

Terms of Reference

1. To recommend candidates to Council for appointment as Council Members under Section 10(1)(d)(ii) of the PolyU Ordinance, i.e. Members who are not employees or students of the University or public officers appointed by Council, when vacancy arises.
2. To recommend to Council the re-appointment of existing Council Members appointed under Section 10(1)(d)(ii) of the PolyU Ordinance.
3. In making the recommendations, the CMNC shall seek to achieve a balance of membership in terms of expertise and experience in order to meet the needs of the University.
4. CMNC may invite nominations for Council membership from the University community, including Council members, staff, students and alumni, as deemed appropriate.

職權範圍

1. 當出現空缺時，向校董會推薦人選，出任根據《香港理工大學條例》第10(1)(d)(ii)條委任的非大學僱員或學生或公職人員的校董會成員。
2. 就根據《香港理工大學條例》第10(1)(d)(ii)條委任的現有校董會成員之續任安排，向校董會提交建議。
3. 在提名過程中必須考慮和平衡校董會成員的專業知識和經驗，以配合大學的發展需要。
4. 在適當情況下，委員會可邀請大學社群，包括校董會成員、教職員、學生和校友提名合適人選加入校董會。

Membership 成員

Chairman 主席
Chairman of Council 校董會主席
Dr Lam Tai-fai 林大輝博士, *GBS, JP*

Members 成員

Deputy Chairman of Council 校董會副主席
Dr Lawrence Li Kwok-chang 李國祥醫生, *JP*

Treasurer of the University 大學司庫
Ms Loretta Fong Wan-huen 方蘊萱女士

President 校長
Professor Jin-Guang Teng 滕錦光教授, *JP*

Up to two other Council Members appointed by Council Chairman
最多兩名由校董會主席委任的其他校董會成員
Ms Shirley Chan Suk-ling 陳淑玲女士, *BBS, JP*
Mr Alex Wong Chun-bong 王振邦先生

Secretary 秘書
Secretary to Council 校董會秘書
Miss Connie Chan Yuk-wa 陳育華小姐

Note: Members of CMNC shall not participate in the discussion or decision regarding their own re-appointment.

註：校董會成員提名委員會委員不得參與討論或決定其本人的續任事宜。

4. Executive Committee 常務委員會

Terms of Reference

1. To consider such matters as are referred to it by Council including the making of decisions with power delegated by Council as appropriate.
2. To provide a forum for initial discussion/information of aspects of strategic planning and development of the University, formulation of proposals and review of major policies, inter alia, and to make recommendations to Council where appropriate.
3. To receive reports from the Standing Committees of Council.
4. To provide advice and opinion on matters of University business at the request of the President.
5. To receive regular reports from Management covering businesses as appropriate of the President.
6. To recommend to Council for approval, and make decision on behalf of Council, as appropriate, on major policies on staffing, appointment and conditions of service.
7. To consider the agenda for forthcoming Council meetings and to give initial consideration as necessary to major items of Council business.
8. In accordance with the general policies of Council, and subject to reporting to Council at the next available opportunity, to deal with items of business, which for reasons of urgency, cannot await to be resolved by the full Council.
9. To monitor the implementation of Council’s decisions.

職權範圍

1. 處理校董會指派的事項，包括在校董會授權下代表校董會作出決議。
2. 就大學的策略性規劃與發展進行初步討論或搜集資料，提出建議及檢討主要政策等，並向校董會提供建議。
3. 審閱校董會轄下常設委員會的報告。
4. 應校長要求就大學事務提供建議和意見。
5. 審閱管理層提交的定期報告。
6. 就大學員工的聘任、委任及服務條件等重要政策向校董會作出建議，或在校董會授權下代表校董會決議。
7. 為校董會會議制定議程，以及就主要討論事項作初步審議。
8. 根據校董會的指引，處理未及留待全體校董會表決的緊急事項，並盡快向校董會匯報有關決定。
9. 監察校董會決議事項的執行。

Membership 成員

Chairman 主席
Deputy Chairman of Council 校董會副主席
Dr Lawrence Li Kwok-chang 李國祥醫生, *JP*

Members 成員
Treasurer of the University and Chairman of Finance Committee
大學司庫兼財務委員會主席
Ms Loretta Fong Wan-huen 方蘊萱女士

Chairman of Campus Development Committee
校園發展委員會主席
Ir Dr James Lau Chi-wang 劉志宏博士、工程師, *BBS, JP*

Up to three other lay members of Council appointed by Council Chairman
最多三名由校董會主席委任的其他校外校董會成員
Ms Shirley Chan Suk-ling 陳淑玲女士, *BBS, JP*
Mr Sin Yat-kin 單日堅先生, *SBS, CSDSM, JP*
Mr Alex Wong Chun-bong 王振邦先生

President 校長
Professor Jin-Guang Teng 滕錦光教授, *JP*

A member of senior management nominated by the President and appointed by Council Chairman
一名由校長提名並由校董會主席委任的管理層成員
Professor Wing-tak Wong 黃永德教授
Deputy President and Provost 常務及學務副校長

The staff member elected by and from Senate
教務委員會選出的校董會成員
Ir Professor H.C. Man 文劭忠教授、工程師

Secretary 秘書
Secretary to Council 校董會秘書
Miss Connie Chan Yuk-wa 陳育華小姐

5. Finance Committee 財務委員會

Terms of Reference

- 1. To advise Council on all matters within the jurisdiction of the Council which have important finance implications including treasury functions, except for investment management.
- 2. To advise Council on strategies to obtain resources exceeding the levels of funding available from UGC and from tuition fees and other income.
- 3. To advise Council on proposals from the University Management in respect of triennial estimates, annual budgets and annual budget reviews.
- 4. To advise Council on preparation of annual financial statements.
- 5. To receive performance reports on all University retirement schemes.
- 6. To perform such other functions laid upon it by the Council.

職權範圍

- 1. 向校董會建議一切受校董會管轄的重要財務事項，包括庫務職責，但投資管理除外。
- 2. 向校董會建議策略，爭取大學教育資助委員會撥款和學費等收入以外的資源。
- 3. 就管理層提交的三年期估算、年度財政預算及年度財政預算檢討等建議，向校董會提供意見。
- 4. 就編製年度財務報表向校董會提供意見。
- 5. 審閱所有大學退休計劃的表現報告。
- 6. 執行校董會指派的其他職務。

Membership 成員

Chairman 主席
Treasurer of the University 大學司庫
Ms Loretta Fong Wan-huen 方蘊萱女士

Members 成員
Up to four other lay members of Council appointed by Council Chairman
最多四名由校董會主席委任的其他校外校董會成員
Ir Dr James Lau Chi-wang 劉志宏博士、工程師, *BBS, JP*
Mr Richard Leung Tim-chiu 梁甜昭先生
Ir Dr Derrick Pang Yat-bond 彭一邦博士、工程師, *JP*

The elected staff member who is serving the second year of his/ her term of office
第二年出任校董的員工成員
Dr Rodney Chu Wai-chi 朱偉志博士

President 校長
Professor Jin-Guang Teng 滕錦光教授, *JP*

A member of senior management nominated by the President and appointed by Council Chairman
一名由校長提名並由校董會主席委任的管理層成員
Dr Miranda Lou Lai-wah 盧麗華博士
Executive Vice President 行政副校長

Secretary 秘書
Director of Finance 財務總監
Miss April Wong Soo-kam 黃素琴小姐

6. Governance Committee 管治委員會

Terms of Reference

- 1. To provide advice and recommendations to Council on matters relating to University governance.
- 2. To review from time to time the effectiveness of prevailing policies, systems and procedures on governance issues, and to recommend to Council appropriate improvements, if deemed necessary.

職權範圍

- 1. 就有關大學管治的事宜向校董會提供意見和建議。
- 2. 定期檢討現行管治政策、制度和程序的成效，並在有需要時向校董會建議作出適當的改善措施。

Membership 成員

Chairman 主席
A member of Council appointed by Council Chairman
一名由校董會主席委任的校董會成員
Mr Sin Yat-kin 單日堅先生, *SBS, CSDSM, JP*

Members 成員
Up to three other members of Council appointed by Council Chairman
最多三名由校董會主席委任的其他校董會成員
Dr Rodney Chu Wai-chi 朱偉志博士
Ir Arthur Lee Kam-hung 李錦雄工程師

President 校長
Professor Jin-Guang Teng 滕錦光教授, *JP*

A member of senior management nominated by the President and appointed by Council Chairman
一名由校長提名並由校董會主席委任的管理層成員
Dr Miranda Lou Lai-wah 盧麗華博士
Executive Vice President 行政副校長

Secretary 秘書
A staff member appointed by the President
一名由校長委任的員工
Ms Vivian Chen Suk-ching 陳淑清女士
Assistant Secretary to Council 校董會助理秘書

7. Honorary Degrees and Awards Committee 榮譽學位及榮銜委員會

Terms of Reference

- 1. To consider and make recommendations to Council for approval persons on whom the University shall confer Honorary Degrees.
- 2. To consider and approve nominations for conferment of University Fellowship.
- 3. To consider any matter associated with the conferment of Honorary Degrees and Honorary Awards that Council/ Management may refer to it.

職權範圍

- 1. 就大學榮譽學位領受人選作出考慮，並向校董會提交建議。
- 2. 考慮及審批大學院士領受人選。
- 3. 就校董會/管理層提出有關頒授榮譽學位和榮銜的相關事宜作出考慮。

Membership 成員

Chairman 主席
Chairman of Council 校董會主席
Dr Lam Tai-fai 林大輝博士, *GBS, JP*

Members 成員
Chairman of Executive Committee 常務委員會主席
Dr Lawrence Li Kwok-chang 李國祥醫生, *JP*

Chairman of Campus Development Committee 校園發展委員會主席
Ir Dr James Lau Chi-wang 劉志宏博士、工程師, *BBS, JP*

Chairman of Finance Committee 財務委員會主席
Ms Loretta Fong Wan-huen 方蘊萱女士

President 校長
Professor Jin-Guang Teng 滕錦光教授, *JP*

A member of senior management nominated by the President and appointed by Council Chairman 一名由校長提名並由校董會主席委任的管理層成員
Dr Miranda Lou Lai-wah 盧麗華博士
Executive Vice President 行政副校長

Up to two senior academics nominated by the President and appointed by Council Chairman 最多兩名由校長提名並由校董會主席委任的高層學術人員
Professor Wing-tak Wong 黃永德教授
Deputy President and Provost 常務及學務副校長

Professor David Shum Ho-keung 岑浩强教授
Dean, Faculty of Health and Social Sciences
醫療及社會科學院院長

Secretary 秘書
Secretary to Council 校董會秘書
Miss Connie Chan Yuk-wa 陳育華小姐

8. Investment Committee 投資委員會

Terms of Reference

- 1. To recommend to Council the investment objectives, as promulgated in the Statement of Investment Policies and Guidelines (SIPG).
- 2. To formulate investment strategies for the management of University’s Working Capital Fund, in pursuit of the objectives stated in the SIPG.
- 3. Pursuant to the delegated authority from Council, to engage the services of investment consultants and professionals, appoint external fund managers and custodians and to terminate their engagement, where necessary.
- 4. To establish appropriate and relevant investment benchmark, for the purpose of monitoring the performance of external fund managers/Finance Office who manage the investment portfolios as well as the performance of the Working Capital Fund itself.
- 5. To expeditiously deal with investment business items in times of exigency, for and on behalf of Council, and to report such dealings to Council via the Executive Committee.
- 6. To advise Council on proposals from the University Management in respect of investment management.
- 7. To perform such other functions laid upon it by the Council.

職權範圍

- 1. 根據大學的投資政策及指引，向校董會建議投資目標。
- 2. 根據投資政策及指引所列的投資目標，制訂投資策略以管理大學的營運資金。
- 3. 根據校董會的授權，聘任投資顧問及專業人士，委任校外基金經理及保管人，並在有需要時終止有關聘任。
- 4. 制訂適當及相關的投資指標，以監察負責管理大學投資組合的校外基金經理和大學財務處的表現，以至大學營運資金的投資回報。
- 5. 在緊急情況下，代表校董會迅速處理投資事宜，並透過常務委員會向校董會匯報有關交易。
- 6. 就管理層的投資管理建議向校董會提供意見。
- 7. 執行校董會指派的其他職務。

Membership 成員

Chairman 主席
A member of Council appointed by Council Chairman 一名由校董會主席委任的校董會成員
Mr Richard Leung Tim-chiu 梁甜昭先生

Members 成員
Ms Loretta Fong Wan-huen 方蘊萱女士
Treasurer of the University 大學司庫

A member of senior management nominated by the President and appointed by Council Chairman 一名由校長提名並由校董會主席委任的管理層成員
Dr Miranda Lou Lai-wah 盧麗華博士
Executive Vice President 行政副校長

One to two members of Council, who are not members of the Finance Committee, appointed by Council Chairman 一至兩名由校董會主席委任而非財務委員會成員的校董會成員
Mr Chew Fook-aun 周福安先生
Dr Daniel Yip Chung-yin 葉中賢博士, *JP*

One to two independent non-Council members, who are experts in investment, appointed by Council Chairman 一至兩名由校董會主席委任而非校董會成員的資深投資專家
Mr Danny Hung Tak-wai 孔德偉先生
Ms Anna Wong Wai-kwan 黃慧群女士

Secretary 秘書
Director of Finance 財務總監
Miss April Wong Soo-kam 黃素琴小姐

9. Knowledge Transfer Committee 知識轉移委員會

Terms of Reference

1. To advise Council on matters relating to knowledge and technology transfer, including the development of policies and an effective model for knowledge and technology transfer, the establishment of an effective governance structure and accountability as well as exit strategies for the University’s involvements in knowledge and technology transfer initiatives and activities.
2. To review from time to time the effectiveness of the prevailing policies and model for knowledge and technology transfer.
3. To receive periodic reports from Management on the performance of the University’s involvements in knowledge and technology transfer initiatives and activities.
4. To provide advice and opinion on matters relating to knowledge and technology transfer at the request of the President.

職權範圍

1. 就知識與科技轉移向校董會提交建議，包括為大學參與知識與科技轉移制訂政策及有效運作模式、建立相關的管治架構、問責機制及退出策略。
2. 定期檢討大學的知識與科技轉移政策及模式的成效。
3. 審閱管理層定期提交的知識與科技轉移報告。
4. 應校長要求，就有關知識與科技轉移提供建議及意見。

Membership 成員

Chairman 主席

A lay member of Council appointed by Council Chairman

一名由校董會主席委任的校外校董會成員

(to be appointed 有待委任)

Members 成員

Up to three other lay members of Council and/or external members appointed by Council Chairman

最多三名由校董會主席委任的其他校外校董會成員或校外人士

Mrs Sophia Chan 陳葉佩坤女士

Up to two members of senior management nominated by the President and appointed by Council Chairman

最多兩名由校長提名並由校董會主席委任的管理層成員

Professor Wing-tak Wong 黃永德教授

Deputy President and Provost 常務及學務副校長

Dr Miranda Lou Lai-wah 盧麗華博士

Executive Vice President 行政副校長

Up to two other staff members nominated by the President and appointed by Council Chairman

最多兩名由校長提名並由校董會主席委任的其他教職員

Professor Li Xiangdong 李向東教授

Dean, Faculty of Construction and Environment

建設及環境學院院長

Ir Professor H.C. Man 文効忠教授、工程師

Dean, Faculty of Engineering 工程學院院長

Secretary 秘書

A staff member appointed by the President

一名由校長委任的員工

(to be appointed 有待委任)

10. Senior Executives Evaluation and Compensation Committee 管理層評核及薪酬委員會

Terms of Reference

1. To establish policies governing the appointment, compensation, evaluation, removal and terms of office of the President, the Deputy President and Provost, the Executive Vice President and Vice Presidents of the University, and the terms of office of Faculty Deans.
2. To recommend for Council’s approval the appointment, re-appointment and/or removal of the President, the Deputy President and Provost and the Executive Vice President, and the terms and conditions of employment inclusive of salary and benefits, and to recommend to Council for approval on changes to the terms and conditions of employment of the President, the Deputy President and Provost and the Executive Vice President or make decisions on behalf of Council on minor changes to their terms and conditions of employment as appropriate.
3. To, upon the recommendation of the President, approve on behalf of Council the appointment, re-appointment and/ or removal of Vice Presidents, and the terms and conditions of employment inclusive of salary and benefits as well as the change thereof whenever deemed necessary and appropriate.
4. To receive from the President annually his major objectives for the year concerned and provide advice to him on such objectives; to receive annually a narrated report from the President on his accomplishment against agreed objectives of the year concerned and evaluate his performance based on the agreed objectives; and to receive a report of his performance review conducted according to the practice of the university and in a manner agreed with this Committee.
5. To comprehensively review the performance of the President prior to the end of each of his term of office. Wherever applicable, to make recommendations to Council on whether the incumbent should be offered further appointment and the conditions thereof.
6. To receive annually a report from the President on the performance of the Deputy President and Provost, the Executive Vice President, Vice Presidents and Faculty Deans conducted according to the practice of the University.
7. To review and endorse the President’s recommendation of the appraisal rating and performance reward amount of the Deputy President and Provost and the Executive Vice President.
8. To decide, on behalf of Council, detailed arrangements on the provision of benefits or facilities to the President, the Deputy President and Provost and the Executive Vice President and on other matters relating to their work in the University; to provide interpretation on their terms and conditions of appointment with the University and exercise discretion in respect of the President’s, the Deputy President and Provost’s and Executive Vice President’s personal affairs in a similar manner as the President exercises discretion with regard to the generality of his subordinate staff.

職權範圍

1. 制訂有關校長、常務及學務副校長、行政副校長和副校長的任命、薪酬、評核、免職和任期，以及學院院長任期的政策。
2. 就校長、常務及學務副校長和行政副校長的任命、續任、免職，以及就訂定或更改其聘任條款及條件，包括薪酬及福利等，向校董會提交建議，並在適當情況下代表校董會，就輕微改動他們的聘任條款及條件作出決定。
3. 審議校長就副校長的任命、續任、免職，以及就訂定或更改其聘任條款及條件，包括薪酬及福利等提交的建議，並代校董會作出決議。
4. 審閱校長每年提交的年度工作目標，並就有關目標向校長提供建議；審閱校長每年按其年度工作目標而提交的工作報告，並評核其工作表現；審閱按照大學制度及此委員會同意的形式完成的校長工作表現評估報告。
5. 在校長每次任期完結前，全面評估其工作表現。在適當情況下，就現任校長應否獲得續任及其聘用條件向校董會作出建議。
6. 審閱每年由校長按照大學制度對常務及學務副校長、行政副校長、副校長及學院院長進行的工作表現評估報告。
7. 審閱校長對常務及學務副校長和行政副校長的評核及表現獎勵建議。
8. 代表校董會決定向校長、常務及學務副校長和行政副校長提供的福利或設施，以及其他工作相關事宜的細節安排；就他們的委任條款及條件提供闡釋，以及就他們的荐些個人事務作出決定（與校長處理其下屬職員的相關情況相若）。

Membership 成員

Chairman 主席

Chairman of Council 校董會主席

Dr Lam Tai-fai 林大輝博士, GBS, JP

Ex-officio Member 當然成員

President 校長*

Professor Jin-Guang Teng 滕錦光教授, JP

Members 成員

Lay members of Executive Committee 常務委員會校外成員

Ms Shirely Chan Suk-ling 陳淑玲女士, BBS, JP

Ms Loretta Fong Wan-huen 方蘊萱女士

Ir Dr James Lau Chi-wang 劉志宏博士、工程師, BBS, JP

Dr Lawrence Li Kwok-chang 李國祥醫生, JP

Mr Sin Yat-kin 單日堅先生, SBS, CSDSM, JP

Mr Alex Wong Chun-bong 王振邦先生

Secretary 秘書

Secretary to Council 校董會秘書

Miss Connie Chan Yuk-wa 陳育華小姐

* The President shall be excluded in the event that he/she is the subject of review or discussion.
校長不會參與有關其本人的評核或討論。

11. The Hong Kong Polytechnic University Foundation 香港理工大學基金

Objectives

To support the University to achieve the following goals:

- To enhance the quality of teaching and learning through the improvement of facilities and related resources of the University
- To advance research and technology development to meet the needs of various sectors of the society
- To further the all-round development of the students at the University and to enhance their competitiveness

Honorary Chairmen 榮譽主席

Dr Katherine Ngan Ng Yu-ying 顏吳餘英博士, *MH, JP*

Dr Patrick Poon Sun-cheong 潘榮昌博士, *SBS*

Dr Sir Gordon Wu Ying-sheung 胡應湘爵士, *GBS, KCMG, FICE*

Dr Yip Kit-chuen 葉傑全博士

Governing Committee 管治委員會

Chairman 主席#

Dr Sunny Chai 查毅超博士, *BBS, JP*

Deputy Chairman 副主席#

Dr Alex Wong Siu-wah 黃少華博士

Treasurer of Foundation 理大基金司庫#

Dr Roy Chung Chi-ping 鍾志平博士, *GBS, JP*

Members 成員

Mr Christopher Chan 陳志明先生

Dr Daniel C.Y. Chan 陳正欣博士, *MH*

Ms Dee Dee Chan 陳子君女士

Dr Raymond Chan 陳煒文博士, *JP*

Ms Fiona Cheung Sum-yu 張心瑜女士, *MH*

Mr Bob Chong Hot-hoi 莊學海先生, *BBS*

Mr Oscar Chow Vee-tsung 周維正先生

Ms Katherine Hung Siu-lin 洪小蓮女士

Miss Cally Kwong 鄺美雲小姐, *JP*

Mrs Nina Lam 林李婉冰女士, *MH*

Ir Arthur Lee Kam-hung 李錦雄工程師

Ms Rosanna Lee 李文麗女士

Dr Allen Shi 史立德博士, *BBS, MH, JP*

Mr Richard Sun Po-yuen 孫寶源先生, *JP*

Mr Jaime Sze Wine-him 施榮忻先生, *BBS, JP*

目標

支持理大實踐以下目標：

- 增善大學設施與資源，以提升教學質素
- 推動科研和科技發展，以回應社會不同界別的需求
- 促進學生全人發展及提升其競爭力

Ir Tsui Tack-kong 崔德剛工程師

Mr Johnny Yeung 楊志雄先生, *MH*

Ms Judith Yu 楊莉珊女士

Ex-officio Members 當然成員

Treasurer of the University 大學司庫

Ms Loretta Fong Wan-huen 方蘊萱女士

President of the University 校長

Professor Jin-Guang Teng 滕錦光教授, *JP*

Up to two senior staff members of the University (Vice President or above) responsible for institutional advancement

不多於兩名專責大學發展的高層人員

Dr Miranda Lou Lai-wah 盧麗華博士

Executive Vice President 行政副校長

Secretary 秘書#

Director of Institutional Advancement 拓展事務處總監

* Officers of the PolyU Foundation
香港理工大學基金主管人員

II. Meeting attendance statistics of Council and Council Committees (1 July 2021-30 June 2022)

校董會及轄下委員會的會議出席率 (2021年7月1日至2022年6月30日)

	1st meeting 第一次會議	2nd meeting 第二次會議	3rd meeting 第三次會議	4th meeting 第四次會議	5th meeting 第五次會議	6th meeting 第六次會議
Council 校董會	91%	87%	91%	78%	-	-
Audit Committee 審核委員會	100%	67%	-	-	-	-
Campus Development Committee 校園發展委員會	71%	71%	86%	86%	83%	100%
Council Membership Nominations Committee 校董會成員提名委員會	100%	-	-	-	-	-
Executive Committee 常務委員會	100%	86%	100%	100%	-	-
Finance Committee 財務委員會	57%	86%	-	-	-	-
Governance Committee 管治委員會	-	-	-	-	-	-
Honorary Degrees & Awards Committee 榮譽學位及榮銜委員會	100%	-	-	-	-	-
Investment Committee 投資委員會	100%	83%	100%	100%	100%	-
Knowledge Transfer Committee 知識轉移委員會	-	-	-	-	-	-
Senior Executives Evaluation & Compensation Committee 管理層評核及薪酬委員會	100%	83%	-	-	-	-
The Hong Kong Polytechnic University Foundation 香港理工大學基金	92%	69%	-	-	-	-

III. Related party transactions

關連人士交易

For information on related party transactions, please refer to note 33 of The Hong Kong Polytechnic University Financial Report 2021/22.
關連人士交易資料，請見香港理工大學2021/22年度財務報告的附註33。

IV. Biographies of Council members
校董會成員簡歷

Chairman 主席

Dr Lam Tai-fai 林大輝博士, GBS, JP



Dr Lam Tai-fai was a recipient of the Young Industrialist Award of Hong Kong in 2000, and was awarded the Outstanding Alumni Award, the University Fellowship and an Honorary Doctorate of Business Administration by PolyU in 2001, 2000 and 2004 respectively. He was a Member of the HKSAR Shatin District Council in 2008–2011, a Member of the HKSAR Legislative Council (LegCo) in 2008–2016 and Chairman of LegCo’s Panel on Education in 2012–2016. He is currently a Member of the National Committee of the Chinese People’s Political Consultative Conference (CPPCC) and a Standing Committee Member of Henan Provincial Committee of CPPCC.

In 2000, Dr Lam supported the launch of the first Master’s degree programme in Fashion and Textile Design at PolyU. He is the Founder and currently Supervisor and Incorporated Management Committee Chairman of Lam Tai Fai College in Hong Kong, and also Chairman of the Hong Kong Sports Institute and the Radio Television Hong Kong Board of Advisors.

林大輝博士榮獲2000年香港青年工業家獎，2001年獲選為傑出理大校友，並於2000及2004年分別獲理大頒授大學院士及榮譽工商管理博士學位。他曾任香港特別行政區沙田區區議員（2008–2011）、香港特別行政區立法會議員（2008–2016）及立法會教育事務委員會主席（2012–2016），現為全國政協委員及河南省港區政協常委。

他在2000年支持理大創辦首個「服裝及紡織品設計」全日制碩士課程，並於2004年創辦「林大輝中學」，擔任校監及校董會主席。林博士亦為現任香港體育學院主席及香港電台顧問委員會主席。

Deputy Chairman 副主席

Dr Lawrence Li Kwok-chang 李國祥醫生, JP



Dr Lawrence Li has been a specialist in Ear, Nose and Throat Surgery in Hong Kong since 1982. He graduated from the Medical School at University of Newcastle upon Tyne in 1977, and is currently a Clinical Associate Professor (honorary) in the Department of Otorhinolaryngology, Head and Neck Surgery of The Chinese University of Hong Kong.

Dr Li has been contributing to the community through serving on various committees of the HKSAR Government and professional bodies. He is currently a Member of the Hong Kong Housing Society (HKHS), a Non-official Member of Harbourfront Commission, and a Member of the Finance Management Committee and Advisory Committee of the University of Hong Kong – Shenzhen Hospital. He had also been a Member of the Town Planning Board, a Member of the Appeal Board Panel constituted under the Human Organ Transplant Ordinance, a Member of the Special Committee on Elderly Housing under HKHS, and a Member of the Research Projects Vetting Subcommittee of the Environment and Conservation Fund.

李國祥醫生為耳鼻喉科專家，1982年開始在港執業。1977年，李醫生畢業於紐卡素大學醫學院，現任香港中文大學耳鼻喉－頭頸外科學系名譽臨床副教授。

李醫生積極服務社會，出任多個政府轄下委員會及專業團體成員等公職。現時，李醫生為香港房屋協會成員、海濱事務委員會非官方成員，以及香港大學深圳醫院財務管理委員會及顧問委員會委員。他亦曾擔任城市規劃委員會成員、根據《人體器官移植條例》成立的上訴委員會備選團成員、香港房屋協會屬下長者房屋委員會委員，以及環境及自然保育基金研究項目審批小組委員。

Treasurer of the University 大學司庫

Ms Loretta Fong Wan-huen 方蘊萱女士



Ms Loretta Fong is the Environmental, Social and Governance (ESG) Services Leader of PricewaterhouseCoopers Hong Kong and Greater Bay Area, and the Government and Public Sector Leader in Hong Kong and Macau. She has strong international background and extensive experience in providing accounting, audit and advisory services to private and publicly listed entities in Hong Kong and the United States.

Ms Fong is active in serving the community in various capacities, including being President of the Hong Kong Institute of Certified Public Accountants, a Trustee of the Ocean Park Conservation Foundation, and a Member of the General Committee of the Federation of Hong Kong Industries.

Ms Fong holds a number of professional designations, including Certified Public Accountant (practicing) Hong Kong, Certified Public Accountant in the United States, Chartered Professional Accountant in Canada, Chartered Financial Analyst (CFA), and Certified Public Accountant (non-practicing) in China.

方蘊萱女士為羅兵咸永道會計師事務所香港及大灣區 ESG 服務主管合夥人及香港和澳門政府及公共部門事務主管合夥人。她擁有國際視野及豐富的會計、審計和諮詢服務經驗，客戶包括私人企業及香港和美國上市公司。

方女士熱心參與社會服務，現時擔任職務包括香港會計師公會會長、香港海洋公園保育基金委員會董會成員及香港工業總會理事等。

方女士擁有多項專業資格，包括香港註冊執業會計師、美國註冊會計師、加拿大特許會計師、美國註冊財務分析師及中國註冊非執業會計師。

President 校長

Professor Jin-Guang Teng 滕錦光教授, JP



Professor Jin-Guang Teng assumed office as President of PolyU in July 2019.

Professor Teng is a well-accomplished scholar in the field of structural engineering. His publications have been widely cited by researchers around the world, and many of his research findings have been adopted by relevant design codes/ guidelines in China and overseas.

Professor Teng is a Member of the Chinese Academy of Sciences, a Corresponding Fellow of the Royal Society of Edinburgh and a Fellow of the Hong Kong Academy of Engineering Sciences. He was awarded the State Natural Science Award of China (Second Class), the Distinguished Young Scholar Award by the National Natural Science Foundation of China and the IIFC Medal by the International Institute for Fibre-Reinforced Polymer in Construction.

滕錦光教授於2019年7月出任香港理工大學校長。

滕教授是著名的結構工程學者，其論著被世界各地的研究人員廣泛引用，多項科研成果亦被中國及其他國家的設計標準或指南所採納。

滕教授是中國科學院院士、愛丁堡皇家學會通訊院士及香港工程科學院院士。此外，他獲頒國家自然科學獎（二等獎）、國家傑出青年科學基金及國際土木工程複合材料學會IIFC獎章。

Deputy President and Provost 常務及學務副校長

Professor Wing-tak Wong 黃永德教授



Professor Wing-tak Wong is Deputy President and Provost of PolyU since December 2020.

Professor Wong received his Bachelor of Science degree with first-class honours in 1986 and Master of Philosophy degree in 1988 from The University of Hong Kong (HKU); and obtained his Doctor of Philosophy degree from the University of Cambridge in 1991. Prior to joining PolyU in 2009, Professor Wong was Chair Professor in the Department of Chemistry at HKU, where he began his career as a lecturer in Chemistry in 1991.

Professor Wong is an accomplished scientist with outstanding research achievements. His academic achievements are well recognised internationally, and have led to him being awarded the Doctor of Science degree from the University of Cambridge in 2000; the Croucher Senior Research Fellowship in 2004; the Outstanding Achievement Award (second-class) in Scientific Research for Institutions of Higher Education of China in 2012; and the Natural Science Award (Second Class) in Higher Education Outstanding Scientific Research Output Awards from the Ministry of Education in 2021.

黃永德教授於2020年12月出任香港理工大學常務及學務副校長。

黃教授於1986年取得香港大學理學士（一級榮譽）學位，於1988年獲得香港大學哲學碩士學位。隨後負笈英國劍橋大學，於1991年取得博士學位，並開始於香港大學任教。黃教授於2009年加入理大之前，為香港大學化學系講座教授。

黃教授是一名成就卓著的科學家，於科研方面取得傑出成就。他於2000年獲得劍橋大學理學博士學位；2004年獲頒裘槎優秀科研者獎；2012年獲中國高等學校科學研究優秀成果獎（二等獎）；及2021年獲國家教育部高等學校科學研究優秀成果獎（科學技術）自然科學獎（二等獎）。

Elected staff members 員工成員

Dr Vincent Cho Wing-sing 曹永成博士



Dr Vincent Cho is an Associate Professor in the Department of Management and Marketing of PolyU. He received his Bachelor of Science degree in Physics from The University of Hong Kong, Master of Science degree from the University of New South Wales, and Doctor of Philosophy degree from The Hong Kong University of Science and Technology. His research interests lie in the areas of social media influence, technology adoption, and data mining. He has been involved in various consultancy projects relating to social media influence, software vendor partnerships, and demand forecasting. He has been Deputy Programme Leader of the Master of Science programme in Business Analytics, a Member of the Departmental Management Committee, Departmental Staffing Committee and Departmental Learning and Teaching Committee. Dr Cho has also been actively involved in the work of the PolyU Staff Association (PUSA) Executive Committee – he was a departmental representative in 2012-2014, PUSA Secretary in 2015-2018, and Vice Chairman since 2019.

曹永成博士是香港理工大學管理及市場學系副教授。他取得香港大學物理學學士學位、新南威爾斯大學理學碩士學位及香港科技大學哲學博士學位。他的研究興趣包括社交媒體影響力、技術採用和數據挖掘；參與的諮詢項目包括社交媒體影響力、軟體供應商合作和需求預測等。他參與部門的行政職務包括擔任商業分析理學碩士課程副主任、學系管理委員會、學系人事委員會和學系教學委員會委員。此外，曹博士多年來一直參與教職員協會執行委員會的工作，於2012-2014年擔任部門代表，2015-2018年擔任協會秘書，自2019年擔任副會長。



Dr Rodney Chu Wai-chi 朱偉志博士

Dr Rodney Chu received his Bachelor of Arts and Master of Arts degrees from the University of Cambridge, Master of Philosophy degree from The Chinese University of Hong Kong and Doctor of Philosophy degree from the University of Queensland. He is an Assistant Professor in the Department of Applied Social Sciences of PolyU. He teaches subjects related to social issues in Hong Kong and China, and supervises PhD students. He has been Chairman of the Department's Learning and Teaching Committee since 2013, an elected Council Member for six consecutive terms since 2012, and elected Chairman/Vice-Chairman of the PolyU Staff Association since 2013. In 2018, he was elected by all staff to serve on the Search Committee for President. In July 2020, he was appointed Warden of LiSheng Hall of the PolyU Student Halls of Residence.

Dr Chu currently concentrates on educational research related to hybrid learning and e-learning.

朱偉志博士是英國劍橋大學文學士及碩士、香港中文大學哲學碩士，以及澳洲昆士蘭大學哲學博士。現為理大應用社會科學系助理教授，主要教授香港社會及中國社會科目，並且擔任博士生導師。朱博士自2013年起擔任學系教學委員會主席，自2012年起連續六屆當選為校董會員工成員，並由2013年起當選理大教職員協會主席/副主席。2018年，他獲選為校長遴選委員會的教職員代表。2020年7月，他獲委任為學生宿舍利生堂舍監。

朱博士現正致力從事混合教學及數碼教學等課題的教育研究項目。



Ir Professor H. C. Man 文効忠教授、工程師

Ir Professor H. C. Man received his Bachelor of Science degree from Queen Mary College, London; Master's degree from Loughborough University of Technology, UK; and Doctor of Philosophy degree from Imperial College, London. Professor Man's research career started with fascinating topics related to high power lasers. After his doctorate study, he worked in the industry for a few years researching and introducing high power laser materials processing to the manufacturing industry in the UK. He joined the Hong Kong Polytechnic in 1990. He is currently a Chair Professor in Materials Engineering, Cheng Yick-chi Chair Professor in Manufacturing Engineering, Dean of the Faculty of Engineering, Director of Research Institute for Advanced Manufacturing and Director of University Research Facilities in 3D Printing. His research interests are related to high power laser materials processing, advanced manufacturing technologies, additive manufacturing, surface engineering, corrosion and materials technologies.

He is a Chartered Engineer; Fellow of the Institute of Materials, Minerals and Mining, UK; Fellow of the Laser Institute of America; Fellow of the Hong Kong Academy of Engineering Sciences; and Member of the Hong Kong Institution of Engineers.

文効忠教授、工程師取得倫敦瑪麗皇后大學理學士學位、英國羅浮堡大學碩士學位及倫敦帝國學院哲學博士學位。他的科研生涯始於他被高功率激光的威力所吸引。博士畢業後在英國工作多年，從事高功率激光在工業的應用研究。文教授於1990年加入香港理工學院，現時擔任工程學院院長、材料工程講座教授、鄭翼之製造工程學講座教授及大學三維打印技術中心實驗室總監。他的科研涵蓋激光加工、增材製造、金屬腐蝕及材料技術。

文教授是香港工程科學院院士、英國材料學會院士、美國激光學會院士、英國註冊工程師及香港工程師學會會員。

Lay members appointed by the Chief Executive 由行政長官委任的校外成員



Professor Karen Chan Ka-yin 陳嘉賢教授, JP

Professor Karen Chan is Vice President, Marketing & Business Development of German Pool (Hong Kong) Ltd and Founder of cultural artistic brand “Sparkle Collection by German Pool”. She holds a Bachelor’s degree in Business Administration and Economics from Washington University, a Master of Education degree from New York University and a Master’s degree in Marketing from The Chinese University of Hong Kong. She was appointed an Adjunct Professor by the School of Business of Hong Kong Baptist University in 2018, and was awarded an Honorary Fellowship by the Vocational Training Council (VTC) in 2019.

Professor Chan actively participates in public service. She is a Committee Member of HKSAR Communications Authority, a Director of the Hong Kong Cyberport Management Company Limited, a Member of the Board of Governors of Hong Kong Philharmonic Society Limited, Vice Chairlady of the Federation of Hong Kong Industries, Chairman of the Hong Kong Girl Guides Association Southern District, and a former Council Member of VTC.

陳嘉賢教授為德國寶（香港）有限公司執行董事及文創時尚品牌「Sparkle Collection by German Pool」創辦人，負責公司的整體業務發展。陳教授畢業於華盛頓大學，主修工商管理及經濟，並於紐約大學及香港中文大學取得碩士學位。她於2018年起擔任香港浸會大學商學院客席教授，並於2019年獲職業訓練局頒授榮譽院士榮銜。

陳教授熱心參與社會職務，擔任多項公職，現任通訊事務管理局委員、香港數碼港管理有限公司董事、香港管弦樂團董事局成員、香港工業總會副主席及香港女童軍南區分會主席等職位，並曾任職業訓練局理事會成員。



Ir Arthur Lee Kam-hung 李錦雄工程師

Ir Arthur Lee is the Founder and Chairman of Kolinker Group, which specialises in the design and manufacture of quartz crystals. Ir Lee graduated from the then Hong Kong Polytechnic (now PolyU) in 1981. In 2008, he obtained a Master’s degree from the industry-led Integrated Engineering Business Management Programme jointly offered by PolyU and the University of Warwick.

Ir Lee is active in serving the community through involvements in governmental, social and educational institutions. He is Chairman of the Department of Applied Physics Advisory Committee and a Member of the Department of Electronic and Information Engineering Advisory Committee of PolyU, a Non-official Member of the Committee on Innovation, Technology and Re-industrialization of the HKSAR, a Member of the Kowloon City District Youth Programme Committee, Director of the Board of Nano and Advanced Materials Institute Limited, General Committee Member of the Chinese Manufacturers’ Association of Hong Kong, Vice Chairman (2003 awardee) of the Hong Kong Young Industrialists Council Foundation, and Founding Chairman of Kowloon City District Senior Police Call Honorary Presidents Council.

李錦雄工程師是科研集團創辦人及主席，集團業務專注於生產頻率控制元器件及研發製造相關的測試儀器和生產設備。李先生1981年畢業於香港理工學院（現香港理工大學），並於2008年獲理大與英國華威大學合辦的綜合深造工程商業管理碩士學位。

李先生積極參與社會及工商界事務，近年公職包括：理大應用物理學系顧問委員會主席、理大電子及資訊工程學系顧問委員會委員、香港特別行政區創新、科技及再工業化委員會非官方委員、九龍城區青年活動委員會委員、納米及先進材料研發院有限公司董事局成員、香港中華廠商聯合會會董、香港青年工業家協會基金會副會長（2003年度獲獎會員）、及九龍城耆樂警訊會長會創會主席。



The Hon. Jimmy Ng Wing-ka 吳永嘉議員, BBS, JP

The Hon. Jimmy Ng is a Member of the HKSAR Legislative Council, representing the Industrial (Second) Functional Constituency, and a legal practitioner. He also serves as a Member of the Board of Directors of Hong Kong Science & Technology Parks Corporation and a Member of the Council and Court of The University of Hong Kong.

Mr Ng is Chairman of the Hong Kong-Taiwan Business Cooperation Committee, Chairman of the HKSAR Passports Appeal Board, Member of the HKSAR Election Committee, Vice-Chairman of the Independent Police Complaints Council, a Non-executive Director of the Mandatory Provident Fund Authority and The Hong Kong Mortgage Corporation Limited, and a Member of the Competition Commission of the HKSAR.

He is also a Member of the Chongqing Chinese People’s Political Consultative Conference, a Council Member of the China Peaceful Reunification Promotion Association, and an Executive Vice President of the China Association for Promoting the Peaceful Reunification of Hong Kong. He currently serves as an Independent Non-executive Director of MTR Corporation Limited, Glorious Sun Enterprises Limited, and Yanchang Petroleum International Limited, and is President of the Hong Kong Association of Friends of Maotai.

吳永嘉議員為香港特別行政區立法會工業界（第二界別）議員及執業律師，並為香港科技園公司董事局成員及香港大學校董會及校務委員會成員。

吳議員為香港－台灣商貿合作委員會主席、香港特別行政區護照上訴委員會主席、香港特別行政區選舉委員會委員、獨立監察警方處理投訴委員會副主席、積金局及香港按揭證券有限公司非執行董事，以及香港競爭事務委員會成員。

此外，吳議員為重慶市政協委員、中國和平統一促進會理事、中國和平統一促進會香港總會常務副會長、香港鐵路有限公司獨立非執行董事、旭日企業有限公司獨立非執行董事、延長石油國際有限公司獨立非執行董事，以及香港國酒茅台會會長。



Ir Dr Derrick Pang Yat-bond 彭一邦博士、工程師, JP

Ir Dr Derrick Pang is the Chief Executive Officer of Asia Allied Infrastructure Holdings Limited. He graduated from the University of California, Berkeley with a Bachelor of Science degree, and holds a Master of Engineering degree in Civil and Environmental Engineering from the Massachusetts Institute of Technology, a Master’s degree in Business Administration from The Chinese University of Hong Kong, and a Doctor of Philosophy degree in Civil Engineering from The Hong Kong University of Science and Technology.

Ir Dr Pang is a Member of the Institution of Civil Engineers, United Kingdom; a Member of the Hong Kong Institution of Engineers; and a Registered Professional Engineer in the State of California, United States. He has over 20 years of geotechnical design and construction experience in the US and Hong Kong. Ir Dr Pang is also actively involved in charitable work and has served in various public offices. In 2014, he started “Lifewire” to raise funds for the medical expenses of children with rare diseases and their families. He is the Founding Chairman of the Hong Kong Construction Association Young Members Society and has been appointed as a Member of the Aviation Development and Three-runway System Advisory Committee since 2021. He also advised on the land development and construction industry of Hong Kong as a Non-official Member of the Task Force on Land Supply.

彭一邦博士、工程師為亞洲聯合基建控股有限公司行政總裁。他畢業於美國加州大學柏克萊分校，取得理學士學位，亦持美國麻省理工學院土木及環境工程碩士學位、香港中文大學工商管理碩士學位及香港科技大學哲學博士（土木工程學）學位。

彭博士、工程師為英國土木工程師學會及香港工程師學會會員，亦為美國加州註冊專業工程師，在美國及香港累積逾二十年土力工程設計及建築經驗。彭博士工程師積極參與慈善工作並出任多項公職貢獻社會。他於2014年創立「Lifewire《護•聯網》」，籌款支援罕見病兒童及其家庭。他是香港建造商會青年會創會主席，2021年起出任航空發展與機場三跑道系統諮詢委員會成員，亦曾任土地供應專責小組非官方成員。



Dr Thomas So Shiu-tsung 蘇紹聰博士, JP

Dr Thomas So is the Managing Partner of Grandall Zimmern Law Firm. He advises on shareholder disputes, property and investments litigation and disputes, and PRC-related arbitration and disputes. Dr So serves on a number of panels of arbitrators in Asia and is also a solicitor-advocate with rights to appear in the higher courts in Hong Kong. He holds the degrees of LLB from the University of Hull (1985), LLM from The University of Hong Kong (1993), LLB from the China University of Political Science and Law (1997) and Doctor of Laws from Tsinghua University Beijing (2005). He is a PRC qualified lawyer since 2009 and also a China-Appointed Attesting Officer (appointed by the Ministry of Justice of PRC) and a Member of The National Committee of the Chinese People's Political Consultative Conference. He was the President of the Law Society of Hong Kong (June 2016 – June 2018), and is currently Chairman of the Belt and Road Committee of the Law Society of Hong Kong.

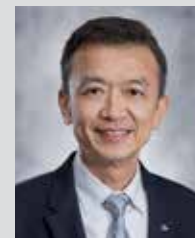
蘇紹聰博士是國浩律師（香港）事務所主管合夥人。他就香港所有類型的跨境爭議、地產相關的訴訟、誹謗訴訟、媒體相關的訴訟以及中國內地商業爭議提供法律意見。蘇律師是亞洲多個仲裁員小組的成員。他是香港訟辯律師，擁有高等法院出庭發言權。蘇律師擁有赫爾大學法律學士（1985）、香港大學國際商法碩士（1993）、北京中國政法大學法律學士（1997）及清華大學法學博士（2005）學位。蘇律師擁有中國執業資格，亦是中國司法部委託公證人及中國人民政治協商會議全國委員會委員。他曾擔任香港律師會會長（2016年6月至2018年6月），亦是現任香港律師會一帶一路委員會主席。



Mr Alex Wong Chun-bong 王振邦先生

Mr Alex Wong is a Certified Public Accountant, well experienced in auditing, taxation, accounting and consultancy services. He is the Founder of a certified public accountants firm in Hong Kong and also an Independent Non-executive Director of three companies listed on the main board of the Hong Kong Stock Exchange. Mr Wong holds a Higher Diploma in Accountancy from the then Hong Kong Polytechnic (now PolyU). He is a Fellow Member of The Association of Chartered Certified Accountants, The Hong Kong Institute of Certified Public Accountants, The Institute of Chartered Accountants in England and Wales, and The Taxation Institute of Hong Kong. He is also a former Chairman of The Association of Chartered Certified Accountants Hong Kong Branch.

王振邦先生為香港執業會計師，擁有豐富的審計、會計、稅務及顧問服務經驗。王先生為一所香港會計師事務所之創辦人，亦為三所香港上市公司的獨立非執行董事。王先生畢業於前香港理工學院（現香港理工大學），持有會計學高級文憑。他亦為多個專業團體的資深會員，包括英國特許公認會計師公會、香港會計師公會、英格蘭及威爾斯特許會計師公會及香港稅務學會。王先生為英國特許公認會計師公會香港分會前任主席。



Dr Daniel Yip Chung-yin 葉中賢博士, JP

Dr Daniel Yip is Managing Director of G.E.W. International Corporation Ltd. G.E.W. has 1,000 employees and manufactures professional electrical products with a sales network throughout China and Southeast Asia.

Dr Yip acquired a Bachelor's Degree in Mechanical Engineering and a Master's Degree in Business Administration both from Rutgers University in the US in 1987, and an Engineering Doctorate Degree from the University of Warwick in 2008. In 2013, he was appointed an Industrial Fellow by the University of Warwick.

Dr Yip is active in contributing to the business sector and the community, including serving as Honorary President of the Federation of Hong Kong Industries, Deputy Chairman of Vocational Training Council, Chairman of Innovation and Technology Fund General Support Programme Vetting Committee, Chairman of Steering Committee on Promotion of Vocational and Professional Education and Training and Qualifications Framework, and Chairman of Advisory Committee of Recycling Fund.

葉中賢博士是通用國際企業有限公司董事總經理。通用國際擁有一千名僱員，生產專業電器製品，售網絡遍及中國和東南亞。

葉博士於1987年取得美國羅格斯大學機械工程學士學位及工商管理碩士學位，2008年取得英國華威大學工程學博士學位，2013年獲英國華威大學委任為工業院士。

葉博士熱心社會及工商界事務，近年公職包括：香港工業總會名譽會長、職業訓練局理事會副主席、創新及科技基金的一般支援計劃評審委員會主席、推廣職業專才教育和資歷架構督導委員會主席及回收基金諮詢委員會主席。

Lay members appointed by the Council 由校董會委任的校外成員



Ms Shirley Chan Suk-ling 陳淑玲女士, BBS, JP

Ms Shirley Chan is Vice-Chairman of YGM Trading Limited, which mainly engages in the global fashion business for many acquired and licensed renowned brands, garment manufacturing, property investment and printing businesses. She is a Director of Yangtzekiang Garment Limited, which specialises in high-quality textile and garment manufacturing.

Ms Chan is active in public services in the industrial and business sectors, currently serving as a Member of the HKSAR Election Committee (3rd – 6th), Chairman of PolyU's School of Fashion and Textiles Advisory Committee, Council Member of the Hong Kong Trade Development Council and Chairman of its Staff and Finance Committee, Honorary President of the Chinese Manufacturers' Association of Hong Kong, Chairman Emeritus of Hong Kong Brand Development Council, a Member of Fashion Advisory Committee of Hong Kong Design Centre, Honorary Director of Shanghai Jiao Tong University Council, Supervisor of Yau Yat Chuen School, Director of Love Foundation, among many other positions. She founded the Sudden Arrhythmia Death Syndromes HK Foundation which focuses on youngsters' cardiac health.

陳淑玲女士為YGM貿易有限公司副主席，YGM主要從事時裝品牌業務，經營多個收購和代理國際知名品牌，網絡遍佈世界各地。集團除時裝業務及成衣生產外，亦涉及地產項目和印刷業。她兼任長江製衣有限公司董事，公司提供高質素紡織及製衣業務。

陳女士積極參與工商界的公共事務，擔任多項公職，包括香港特別行政區第三至六屆選舉委員會選委、理大時裝及紡織學院顧問委員會主席、香港中華廠商聯合會名譽會長、香港品牌發展局榮譽主席、香港設計中心時裝諮詢委員會成員、上海交通大學董事會名譽董事、又一村學校校監、愛基金董事等。她創辦了遺傳性心律基金會，致力關注年輕人心臟健康。



Mr Chew Fook-aun 周福安先生

Mr Chew Fook Aun is the Deputy Chairman and Executive Director of Lai Sun Garment (International) Limited and Lai Sun Development Company Limited, Executive Director of eSun Holdings Limited, and Chairman and Executive Director of Lai Fung Holdings Limited.

Mr Chew has over 30 years of experience in accounting, auditing and finance in the United Kingdom and Hong Kong. He graduated from the London School of Economics and Political Science of the University of London with a Bachelor of Science (Economics) degree. Mr Chew is a Certified Public Accountant, and a Fellow Member of the Institute of Chartered Accountants in England and Wales, The Hong Kong Institute of Certified Public Accountants and The Hong Kong Institute of Directors.

Mr Chew is active in serving the community in various capacities including being Vice Chairman of the Hong Kong Sports Institute Limited and a Non-Executive Director of the Securities and Futures Commission (with effect from 1 January 2023).

周福安先生是麗新製衣國際副主席兼執行董事、麗新發展有限公司副主席兼執行董事、豐德麗控股有限公司執行董事，以及麗豐控股有限公司主席兼執行董事。

周先生於英國及香港之會計、核數及財務領域擁有逾三十年經驗。他畢業於英國倫敦大學倫敦政治經濟學院，取得科學(經濟)學士學位。周先生為執業會計師，以及英格蘭及威爾斯特許會計師公會、香港會計師公會及香港董事學會之資深會員。

周先生熱心參與公共事務，包括擔任香港體育學院副主席和證券及期貨事務監察委員會非執行董事（任期由2023年1月起）。



Mr Rayman Chui Man-wai 徐汶緯先生

Mr Rayman Chui is Chairman of Kam Kee Catering Group. Mr Chui has been in the catering industry for over 20 years and is now President of the Institute of Dining Professionals.

Mr Chui actively participates in public services. He is a Member of the 6th Election Committee of HKSAR (Catering) and a Member of the Committee for Election to the 14th National People's Congress of the People's Republic of China. He is also a Member of the Committee on Employees' Compensation of the HKSAR Labour Department, a Member of the Employees Compensation Assistance Fund Board, an Industry Consultative Networks Member of the Employees Retraining Board, a Member of the Mandatory Provident Fund Industry Schemes Committee, a Member of the Quality Tourism Services Committee under the Hong Kong Tourism Board, and a Member of the Technology Voucher Programme Committee of HKSAR Innovation and Technology Commission.

徐汶緯先生為金記餐飲集團主席。徐先生從事飲食行業超過20年，現為稻苗飲食專業學會會長。

徐先生熱心參與社會職務，現為第六屆選舉委員會委員（飲食界）及第十四屆全國人民代表大會代表選舉會議成員。徐先生亦擔任香港勞工處僱員補償委員會委員、香港僱員補償援助基金管理局成員、香港僱員再培訓局行業諮詢網絡委員、香港強制性公積金行業計劃委員會成員、香港旅遊發展局優質旅遊服務委員會成員、創新科技署科技券計劃委員會成員等職務。



Ir Dr James Lau Chi-wang 劉志宏博士、工程師, BBS, JP

PhD(London); MSc(Manchester); MSc (Economic, London); MBA(CUHK); LLM(HKU); LLB(London); FHKIE; FIStructE; MICE; FCI Arb; FHKI Arb; Barrister, Gray's Inn; Arbitrator; Adjudicator and Accredited Mediator.

Ir Dr James Lau is an Authorised Person, a Registered Structural Engineer and a Registered Geotechnical Engineer. He is Chairman and Executive Director of Ri Ying Holdings Limited, which specialises in ground investigation, foundation, site formation and building construction. He is an Adjunct Professor of PolyU (2002 – 2017), The University of Hong Kong, The Hong Kong University of Science and Technology, City University of Hong Kong and the Technological and Higher Education Institute of Hong Kong. He is a Past Vice - President of the Institution of Structural Engineers, United Kingdom; Past Chairman of the Engineers Registration Board, HK; and Past Chairman of the Structural Division of the Hong Kong Institution of Engineers, as well as Outstanding Alumni and University Fellow of PolyU. He has served on many government committees and boards, including the Town Planning Board, District Council, Disciplinary Boards of the Buildings Department, and Appeal Tribunal under the Buildings Ordinance.

劉志宏博士、工程師為認可人士、註冊結構及岩土工程師。劉博士為日贏控股有限公司主席兼執行董事，公司專注土地勘察、地基、地盤整理及樓宇建築等業務。他是理大(2002–2017)、港大、科大、城大及香港高等教育科技學院的兼任教授。他亦是理大傑出校友及院士，曾任英國結構工程師學會副會長、香港工程師註冊管理局主席及香港工程師學會結構分部主席。他曾出任多項公職，包括城市規劃委員會委員、委任區議員、屋宇署上訴及紀律委員會委員等。



Ms Julia Lau Man-kwan 劉文君女士, OStJ, JP

Ms Julia Lau is a local registered practising architect and an Authorised Person. She graduated from University of Oregon with a Bachelor's degree in Architecture and obtained a Master of Arts degree in Transport Policy and Planning from The University of Hong Kong. She is a Professional Member of the Hong Kong Institute of Architects and a Chartered Member of the Chartered Institute of Logistics and Transport in Hong Kong. She has 30 years of planning, architectural design and project management experience.

Ms Lau is a Member of the HKSAR 2021 Election Committee (Architectural, Surveying, Planning and Landscape). She is active in community service, and has served on a number of statutory bodies, and professional/academic institutions including the Town Planning Board, Aviation Development and Three Runway System Advisory Committee, Hong Kong Housing Authority, the Board of Management of the Chinese Permanent Cemeteries, Hong Kong Arts Centre, and Hong Kong Academy for Performing Arts. Currently, she is a Council Member of the Hong Kong St. John Ambulance, a Member of the Advisory Council on the Environment, and Executive Committee of the Hong Kong Housing Society, and a Co-opted Councilor of Heung Yee Kuk New Territories.

劉文君女士為香港註冊建築師及認可人士，畢業於美國俄勒岡大學，取得建築學士學位，並獲得香港大學運輸政策及規劃文科碩士學位。她是香港建築師學會會員及香港運輸物流學會註冊會員；擁有30年規劃、建築設計及項目管理經驗。

劉女士是2021年香港特別行政區第六屆選舉委員會（建築、測量、都市規劃及園境界）委員。劉女士亦活躍於社會服務，曾任多項公職及服務專業和學術機構，包括城市規劃委員會、香港房屋委員會、航空發展與機場三跑道系統諮詢委員會、香港華人永遠墳場管理委員會、香港藝術中心及香港演藝學院。她現任香港聖約翰救護機構理事會成員、環境諮詢委員會成員、香港房屋協會執行委員會委員及新界鄉議局增選議員。



Mr Richard Leung Tim-chiu 梁甜昭先生

Mr Richard Leung is a retired seasoned Chief Executive Officer in the financial sector, with 35 years of experience in Asia Pacific, and over two years of teaching experience in universities. He has worked with Citibank, HSBC Bank USA, DBS Bank and UBS in Asia Pacific.

He currently engages in consultancy for financial institutions and families, and community services through non-governmental organisations and government committees. He is a Board Member of Invotech, Vice President of Youth Outreach and an Advisor of Orion Astropreneur Space Academy.

Mr Leung holds a Master of Business Administration degree from the University of Minnesota, a Postgraduate Diploma from the University of Michigan, and the professional qualification of The Chartered Institute of Bankers, London.

梁甜昭先生是退休資深金融家，於多家銀行任職國家與區域首席執行官，曾於亞太區工作35年，先後服務花旗銀行、美國匯豐銀行、星展銀行與瑞銀，並曾於大學任教超過兩年。

他現為金融機構及家族提供顧問服務，亦透過非政府組織和政府委員會積極參與社會服務；現為協青社副會長、創科匯董事會成員和創星匯顧問。

梁先生擁有明尼蘇達州大學工商管理碩士學位、密歇根州大學研究院文憑，以及倫敦銀行學會專業資格。



Mr Sin Yat-kin 單日堅先生, SBS, CSDSM, JP

Mr Sin Yat-kin is former Commissioner of Correctional Services. He retired in 2015 after 36 years of service with the Government. He has received several awards in recognition of his distinguished service, including the Commissioner's Commendation, the Hong Kong Correctional Services Long Service Medal, the Hong Kong Correctional Services Medal for Distinguished Service, the Chief Executive's Commendation for Government/Public Service and the Silver Bauhinia Star of the HKSAR.

Mr Sin holds a Master's degree in Criminology from The University of Hong Kong. Currently, Mr Sin is the Vice Chairman of AMTD Group, Vice Chairman of AMTD Foundation, and an Independent Non-Executive Director of LH Group Limited. Mr Sin is also active in community service. He is Chairman of the Hong Kong Playground Association, Chairman of the Disciplinary Committee of the Hong Kong Football Association, a Member of the Social Workers Registration Board, and a Consultation Council Member of the Hong Kong Army Cadets Association.

單日堅先生為前任懲教署署長，他在政府服務36年，於2015年退休。他於任內曾獲多項嘉獎，表揚其優秀服務，計有懲教署署長嘉許、香港懲教事務長期服務獎章及加敘勳扣、香港懲教事務卓越獎章、行政長官公共服務獎狀，以及香港特別行政區銀紫荊星章等。

單先生持有香港大學犯罪學碩士學位。他現為香港尚乘集團副主席、尚乘基金會副總理，以及敘福樓集團獨立非執行董事。單先生亦活躍於社會事務，他現為香港遊樂場協會主席、香港足球總會紀律委員會主席、香港社會工作者註冊局成員及香港青少年軍總會諮詢委員會成員。

Member from the alumni 校友成員



Ir Yau Kwok-fai 游國輝工程師

Ir Yau Kwok-fai is President of the Federation of The Hong Kong Polytechnic University Alumni Associations (2021-2023).

Ir Yau has over 30 years of experience in the construction industry. He obtained a Bachelor of Engineering degree in Civil Engineering (First Class Honours) from the then Hong Kong Polytechnic in 1990, a Diploma from the Imperial College London in 1991 and a Master of Science degree (with distinction) in Structural Steel Design from the University of London in 1991. Ir Yau is a Chartered Engineer and a Member of the Institution of Civil Engineers, the Institution of Structural Engineers of the United Kingdom and the Hong Kong Institution of Engineers. He is also a Registered Professional Engineer (Civil and Structural).

Ir Yau is an Executive Director of Able Engineering Holdings Limited which mainly engages in contract work business of building construction.

游國輝工程師是香港理工大學校友會聯合會長（2021-2023）。

游工程師於建造業擁有逾三十年經驗。他於1990年取得香港理工學院土木工程學工程學士學位（一級榮譽），於1991年取得倫敦帝國學院的文憑，並以優異成績取得倫敦大學結構鋼材設計理學碩士學位。他為特許工程師及英國土木工程師學會、英國結構工程師學會及香港工程師學會的會員，亦為註冊專業工程師（土木及結構）。

游工程師是安保工程控股有限公司執行董事，公司主要從事樓宇建築合約工程業務。

Financial Highlights

財務概要

Financial Highlights

財務概要

Overview

The financial year 2021/22 is the last year of the University Grants Committee (UGC) 2019-22 funding triennium. Aspiring to become a leading university that advances and transfers knowledge, and provides the best holistic education for the benefit of Hong Kong, the Nation and the world, the University continued to commit resources in teaching, learning and research, and has been widely recognised with remarkable results in the latest international rankings.

With a view to scaling up the University's capacity and boosting its leadership for world-leading research, the University has launched the Strategic Hiring Schemes (SHS) since 2019/20. Complemented by the HKSAR Government's Global STEM Professorship Scheme established in 2021, the University has made very good progress in the recruitment of outstanding scholars from around the world. In the first two rounds of the scheme, among the 71 successful nominations from all UGC-funded universities, 17 Chair Professors, three Professors and one Associate Professor were from our University. We secured an indicative funding of more than \$300 million from the Education Bureau; Innovation, Technology and Industry Bureau; and the Hong Kong Jockey Club to support the remuneration of scholars, subsidies for research teams and the establishment of laboratories during the scheme period. Furthermore, to attract young research scholars and support promising early-career academics, over \$130 million was set aside by the University to facilitate the target recruitment of more than 200 postdoctoral fellows under four Postdoctoral Fellowship Schemes.

概述

2021/22的財政年度是大學教育資助委員會(「教資會」) 2019-22三年期資助的最後一年。理大矢志成為一所在開拓和轉移知識及提供優質全人教育方面均領先的大學，為香港、國家及世界作出貢獻。理大一直在教學、學習及科研方面投入充足資源，其努力得到廣泛的認可，並在最新的世界大學排名中取得佳績。

為提升其進行世界領先科研項目的能力和領導地位，理大自2019/20年度起推出了策略招聘計劃，再配合香港特別行政區政府於2021年推出的「傑出創科學人計劃」，大學在世界各地招聘優秀學者的工作取得良好進展。在首兩輪的傑出創科學人計劃，所有教資會資助大學共有71位學者提名獲批，其中有17名講座教授、三名教授及一名副教授來自理大。大學將在這個計劃期間，從教育局、創新科技及工業局及香港賽馬會共獲得可預計撥款超過三億元，以資助透過此計劃獲聘學者的薪酬，並為科研團隊提供補助，以及設立實驗室。此外，為吸引年輕科研學者及為有潛質的學者在其事業早期提供支援，大學撥出超過1.3億元成立四個博士後獎學金計劃，目標是要招聘超過200名博士後研究員。

With the establishment of a new Research Institute and four new Research Centres in various strategic focus areas in 2021/22, there are now a total of 11 Research Institutes and five Research Centres under the central research platform of the PolyU Academy for Interdisciplinary Research (PAIR). A new scheme was launched in early 2022 with an allocation of about \$60 million for a number of new and existing research centres operating outside PAIR. Nine research centres were identified for this scheme in June 2022 and they will be provided with funding support for a period of three years to further develop and advance the University's research capacity in areas of impressive strength and strategic importance.

Upon upgrading all general teaching rooms with modern facilities in recent years, the University continued to identify new initiatives to strengthen its teaching capabilities. To cope with the COVID-19 pandemic, general learning and teaching activities were conducted face-to-face and online simultaneously in a synchronous hybrid mode during the year. In view of the increasing demand for online teaching, the University has set aside about \$50 million for the Quality Incentive Scheme on Online Teaching and also received over \$20 million from the UGC's Special Grant for Strategic Development of Virtual Teaching and Learning since 2021. These projects are being carried out in full swing with satisfactory progress and achievements. In addition, the University has started various projects to further upgrade AV and IT facilities in learning spaces with a view to enhancing the student learning experience. To promote internationalisation, the University has been strengthening its effort to attract talented students from around the world with promising results. The number of non-local students enrolling for undergraduate and post-graduate study at the University has been on the rise in recent years despite the challenges brought by the global pandemic.

The construction of two student hostels funded by the Hostel Development Fund (HDF) was still in progress during the year. On the other hand, the building of an additional floor for the Pao Yue-kong Library has been completed and revitalisation works for other floors are now underway. Upon their completion, the library will be transformed into a modern learning hub.

隨著大學於2021/22年度就不同重點策略範疇成立了一間研究院和四個研究中心，現時理大高等研究院 (PAIR) 這個中央研究平台轄下共有11間研究院和五個研究中心。大學亦於2022年初推行一項新計劃，預留約6,000萬元以資助PAIR以外新成立的研究中心和已有的研究中心；其後於2022年6月確定了九個研究中心參與是項計劃，它們將獲得為期三年的資助，以進一步發展和加強大學在具備優勢及策略重要性的領域的科研能力。

大學近年已完成為所有教室裝設現代化設施的工作，並不斷尋求新方案，以進一步提升教學能力。為應對新冠疫情的影響，年內一般教學活動均以複合教學模式進行，同時提供面授及網上教學。由於網上教學的需求與日俱增，大學自2021年起撥款5,000萬元用於優質網上教學獎勵計劃，並獲得教資會的「虛擬教學策略性發展特別資助計劃」撥款超過2,000萬元。這些項目正全速推行，進度和成果均令人滿意。此外，大學亦在多個學習空間展開多項提升視聽及資訊科技設施的項目，提升學生的學習體驗。為推動國際化，大學一直致力吸引來自世界各地的優秀學生，儘管近年全球疫情嚴峻，報讀本校本科生課程及研究生課程的非本地學生均有上升趨勢。

由教資會「宿舍發展基金」資助的兩個學生宿舍建設項目仍在進行當中。包玉剛圖書館興建額外樓層的工程已經完成，其他樓層的翻新工程則在進行中，待各項工程完成後，圖書館將轉型為一個現代化學習中心。

During the year, the Entrepreneurship Investment Fund Sub-Committee (EIFSC), under the Investment Committee of the University, has reviewed and identified a number of potential investees for further exploration of investment to be financed by the Entrepreneurship Investment Fund (EIF). The EIF is an early-stage equity investment fund to support start-ups and its ultimate objectives are to nurture Polypreneurs and to transform the University's research and technological innovation into initiatives with societal impact, which will serve to accomplish the University's mission in knowledge transfer.

To showcase the University's proud history and heritage, a year-long series of celebratory events for the University's 85th Anniversary commenced in November 2021, with signature events including the PolyU InnoTech Open Day, the "Art and Culture Series" concerts and performances, and the unveiling of the grand main entrance at Core A. The celebrations served to reflect the University's strong heritage and manifest PolyU's continuous pursuit of excellence, taking its world-class education and research to a new era.

From a financial perspective, the University and the Consolidated Entity recorded a surplus of \$313 million (2020/21: \$1,554 million) and \$328 million (2020/21: \$1,485 million) respectively for the year 2021/22. Net assets of the University and the Consolidated Entity as at the end of 2021/22 grew 4% to \$9,121 million (2020/21: \$8,808 million) and 3% to \$9,925 million (2020/21: \$9,597 million) respectively. The University as always has exercised realistic and prudent resource planning to ensure its financial viability and sustainability and is in good financial health, ready to support various strategic goals in education, research and knowledge transfer.

年內，大學的投資委員會屬下的創業投資基金小組委員會審閱並確認了一些具有潛力的被投資方，並會探索由創業投資基金作進一步投資的可行性。創業投資基金是一個支持初創企業的早期股權投資基金，旨在培育理大企業家並將理大的研究和技術創新轉化成為具有社會影響力的項目，幫助大學實現在知識轉移方面的使命。

為展示大學的輝煌歷史和傳承，為期一年的八十五周年校慶活動於2021年11月展開，重點活動包括理大創科開放日、藝術及文化系列之音樂會和表演，及校園A座主校門揭幕。校慶活動彰顯理大的豐厚傳承，大學將秉承享譽國際的教育和科研成就，繼往開來，展開發展的新篇章。

在財務方面，大學及綜合體於2021/22年度分別錄得3.13億元盈餘(2020/21：15.54億元)和3.28億元(2020/21：14.85億元)的盈餘。截至2021/22年底，大學及綜合體的淨資產分別增長4%至91.21億元(2020/21：88.08億元)和3%至99.25億元(2020/21：95.97億元)。大學一如既往履行切實及謹慎的財務規劃，以確保財務可行性和持續性，並且有健康的財務狀況，支援大學實踐其教育、科研和知識轉移方面的策略目標。

Income analysis
收入分析

Income 收入	
Government Subventions 政府撥款	
Tuition and Other Fees 學費及其他收費	
Interest and Investment (Loss)/Gain 利息和投資(虧損)/收益	
Donations and Benefactions 捐贈及捐款	
Other Income 其他收入	
Total Income 總收入	

Consolidated 綜合				University 大學			
2022		2021		2022		2021	
HK\$'m	%	HK\$'m	%	HK\$'m	%	HK\$'m	%
4,374	57.7	4,698	53.7	4,310	65.3	4,604	59.0
2,822	37.2	2,562	29.3	2,015	30.6	1,759	22.5
(470)	-6.2	814	9.3	(482)	-7.3	801	10.3
197	2.6	142	1.6	233	3.5	168	2.1
664	8.7	532	6.1	521	7.9	475	6.1
7,587	100	8,748	100	6,597	100	7,807	100

2021/22 Consolidated income analysis
2021/22 年度綜合收入分析



Government Subventions 政府撥款	57.7%
Tuition and Other Fees 學費及其他收費	37.2%
Interest and Investment Loss 利息和投資虧損	-6.2%
Donations and Benefactions 捐贈及捐款	2.6%
Other Income 其他收入	8.7%

2021/22 University income analysis
2021/22 年度大學收入分析



Government Subventions 政府撥款	65.3%
Tuition and Other Fees 學費及其他收費	30.6%
Interest and Investment Loss 利息和投資虧損	-7.3%
Donations and Benefactions 捐贈及捐款	3.5%
Other Income 其他收入	7.9%

Expenditure analysis
開支分析

Expenditure 開支	
Teaching, Learning and Research 教學、學習及科研	
Teaching and Research 教學及科研	
Library 圖書館	
Central Computing Facilities 中央電腦設施	
Other Academic Services 其他教學服務	
Management and General 管理及一般項目	
Premises and Related Expenses 校舍及有關開支	
Student and General Educational Services 學生及一般教育服務	
Other Activities 其他活動	
Finance Costs 財務費用	
Income Tax 所得稅	
Remeasurement and Exchange Differences 重新計量及匯兌差額	
Total Expenditure 總開支	

Consolidated 綜合				University 大學			
2022		2021		2022		2021	
HK\$'m	%	HK\$'m	%	HK\$'m	%	HK\$'m	%
4,394		4,192		4,044		3,768	
194		197		169		170	
191		207		151		165	
306		295		248		236	
5,085	70.0	4,891	67.3	4,612	73.4	4,339	69.4
393	5.4	377	5.2	314	5.0	305	4.9
1,094	15.1	1,400	19.3	977	15.5	1,263	20.2
407	5.6	389	5.4	364	5.8	347	5.5
265	3.7	223	3.0	5	0.1	4	0.1
4	0.1	4	0.1	4	0.1	3	0.1
2	0.0	2	0.0	2	0.0	2	0.0
9	0.1	(23)	-0.3	6	0.1	(10)	-0.2
7,259	100	7,263	100	6,284	100	6,253	100

2021/22 Consolidated expenditure analysis
2021/22 年度綜合開支分析



Teaching, Learning and Research 教學、學習及科研	70.0%
Management and General 管理及一般項目	5.4%
Premises and Related Expenses 校舍及有關開支	15.1%
Student and General Educational Services 學生及一般教育服務	5.6%
Other Activities 其他活動	3.7%
Finance Costs 財務費用	0.1%
Income Tax 所得稅	0.0%
Remeasurement and Exchange Differences 重新計量及匯兌差額	0.1%

2021/22 University expenditure analysis
2021/22 年度大學開支分析



Teaching, Learning and Research 教學、學習及科研	73.4%
Management and General 管理及一般項目	5.0%
Premises and Related Expenses 校舍及有關開支	15.5%
Student and General Educational Services 學生及一般教育服務	5.8%
Other Activities 其他活動	0.1%
Finance Costs 財務費用	0.1%
Income Tax 所得稅	0.0%
Remeasurement and Exchange Differences 重新計量及匯兌差額	0.1%

Income and expenditure statement
收支賬項

For the year ended 30 June 2022

截至2022年6月30日止年度

(Expressed in thousands of Hong Kong dollars 以千港元計)

	Consolidated 綜合		University 大學	
	2022	2021	2022	2021
Income 收入				
Government Subventions 政府撥款	4,373,996	4,698,317	4,310,347	4,604,220
Tuition and Other Fees 學費及其他收費	2,822,317	2,561,940	2,014,647	1,759,474
Interest and Investment (Loss)/Gain 利息和投資(虧損)/收益	(469,658)	813,913	(482,441)	800,775
Donations and Benefactions 捐贈及捐款	196,895	141,613	232,921	167,582
Other Income 其他收入	663,813	532,055	521,730	475,458
	7,587,363	8,747,838	6,597,204	7,807,509
Expenditure 開支				
Teaching, Learning and Research 教學、學習及科研				
Teaching and Research 教學及科研	4,394,268	4,191,863	4,044,419	3,768,393
Library 圖書館	193,904	197,407	169,392	170,453
Central Computing Facilities 中央電腦設施	191,507	207,121	150,878	164,808
Other Academic Services 其他教學服務	305,839	295,096	248,099	235,723
Institutional Support 教學支援				
Management and General 管理及一般項目	393,584	377,352	313,972	304,907
Premises and Related Expenses 校舍及有關開支	1,093,921	1,400,075	976,432	1,263,163
Student and General Educational Services 學生及一般教育服務	407,004	388,833	363,535	346,760
Other Activities 其他活動	265,689	222,582	4,700	3,733
	7,245,716	7,280,329	6,271,427	6,257,940
Finance Costs 財務費用	4,194	3,521	4,138	3,425
	7,249,910	7,283,850	6,275,565	6,261,365
Surplus from Operations 營運盈餘	337,453	1,463,988	321,639	1,546,144
Share of Profits of Joint Ventures 應佔合營公司盈利	1,814	592	-	-
Surplus before Taxation 除稅前盈餘	339,267	1,464,580	321,639	1,546,144
Income Tax 所得稅	(2,001)	(2,182)	(2,001)	(2,182)
Surplus for the Year 本年度盈餘	337,266	1,462,398	319,638	1,543,962

The above Income and Expenditure Statement is extracted from the audited financial statements for the year ended 30 June 2022.

以上收支賬項摘錄自2022年6月30日止年度經核數師審核之財務報表。

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

(Expressed in thousands of Hong Kong dollars 以千港元計)

	Consolidated 綜合		University 大學	
	2022	2021	2022	2021
Surplus for the Year 本年度盈餘	337,266	1,462,398	319,638	1,543,962
Other Comprehensive Income for the Year 年度內其他全面收益				
Items that will not be reclassified to Income and Expenditure Statement: 不會重新歸類至收支賬項的項目				
Remeasurement (Loss)/Gain of Defined Benefit Retirement Schemes 界定福利退休計劃重新計量的(虧損)/盈餘	(6,483)	10,224	(6,483)	10,224
Items that may be reclassified subsequently to Income and Expenditure Statement: 其後可能重新歸類至收支賬項的項目:				
Exchange Differences on Translation of Financial Statements of Chinese Mainland Subsidiaries 換算國內附屬公司財務報表的匯兌差額	(3,241)	12,468	-	-
	(9,724)	22,692	(6,483)	10,224
Total Comprehensive Income for the Year 年度內總全面收益	327,542	1,485,090	313,155	1,554,186
Attributable to 歸屬於:				
Consolidated Entity/University 綜合體/大學:				
Transfer from Restricted Funds 特定基金	(321,538)	(387,396)	(286,243)	(345,135)
Transfer to UGC Funds 教資會基金	254,352	366,996	254,352	366,996
Transfer to Other Funds 其他基金	394,728	1,505,490	345,046	1,532,325
Total Comprehensive Income for the Year 年度內總全面收益	327,542	1,485,090	313,155	1,554,186

The above Statement of Comprehensive Income is extracted from the audited financial statements for the year ended 30 June 2022.

以上全面收益表摘錄自2022年6月30日止年度經核數師審核之財務報表。

Statement of financial position

財務狀況表

As at 30 June 2022
2022年6月30日

(Expressed in thousands of Hong Kong dollars 以千港元計)

	Consolidated 綜合		University 大學	
	2022	2021	2022	2021
Non-current Assets 非流動資產				
Fixed Assets 固定資產	4,412,491	4,367,263	4,281,969	4,218,859
Investments in Subsidiaries 附屬公司之投資	-	-	143,415	132,769
Interests in Joint Ventures 合營公司權益	37,355	36,628	-	-
Non-current Financial Assets 非流動金融資產	6,799,137	3,162,377	6,799,137	3,162,377
Employee Benefits Assets 員工福利資產	787	1,129	787	1,129
	11,249,770	7,567,397	11,225,308	7,515,134
Current Assets 流動資產				
Current Financial Assets 流動金融資產	4,326,252	5,815,094	4,326,252	5,815,094
Staff Loans 教職員貸款	12,330	12,730	12,330	12,730
Inventories 存貨	5,032	4,015	-	-
Accounts and Other Receivables 應收賬項	870,442	865,114	835,809	829,652
Cash and Deposits with Banks 現金及銀行存款	3,401,547	5,073,929	3,151,487	4,889,902
	8,615,603	11,770,882	8,325,878	11,547,378
Current Liabilities 流動負債				
Bank Loan for On-lending to Staff 轉貸予教職員之銀行貸款	12,330	12,730	12,330	12,730
Loans and Borrowings 貸款及借貸	44,141	-	44,141	-
Accounts and Other Payables 應付賬款	1,411,971	1,521,275	2,108,183	2,227,395
Provision for Employee Benefits 員工福利撥備	357,077	326,958	273,539	244,770
Deferred Income 遞延收入	994,745	906,290	875,715	799,575
Tax Payable 應付稅項	2,125	3,592	2,125	3,592
	2,822,389	2,770,845	3,316,033	3,288,062
	5,793,214	9,000,037	5,009,845	8,259,316
Net Current Assets 淨流動資產	17,042,984	16,567,434	16,235,153	15,774,450
Total Assets Less Current Liabilities 總資產扣減流動負債				
Non-current Liabilities 非流動負債				
Loans and Borrowings 貸款及借貸	376,030	420,171	376,030	420,171
Accounts and Other Payables 應付賬款	12,866	10,110	11,645	9,167
Provision for Employee Benefits 員工福利撥備	364,876	382,758	361,962	380,026
Deferred Income 遞延收入	3,338,635	3,240,954	3,338,635	3,240,954
	4,092,407	4,053,993	4,088,272	4,050,318
	3,026,007	2,916,413	3,026,007	2,916,413
	9,924,570	9,597,028	9,120,874	8,807,719
Deferred Capital Funds 遞延資本基金				
Net Assets 淨資產				
Representing 相當於				
Restricted Funds 特定基金	4,247,323	3,737,775	4,120,235	3,591,683
UGC Funds 教資會基金	1,930,237	2,056,965	1,930,237	2,056,965
Other Funds 其他基金	3,747,010	3,802,288	3,070,402	3,159,071
Total 總額	9,924,570	9,597,028	9,120,874	8,807,719

Dr Lam Tai-fai 林大輝博士, GBS, JP
Chairman of Council 校董會主席

Ms Loretta Fong Wan-huen 方蘊萱女士
Treasurer of the University 大學司庫

Professor Jin-Guang Teng 滕錦光教授, JP
President 校長

Miss April Wong Soo-kam 黃素琴小姐
Director of Finance 財務總監

The above Statement of Financial Position is extracted from the audited financial statements for the year ended 30 June 2022.
以上財務狀況表摘錄自2022年6月30日止年度經核數師審核之財務報表。

Financial Outlook

The University will embark on a new funding triennium with the UGC next year under the newly approved Planning Exercise Proposal (PEP) and University Accountability Agreement (UAA). Over the last three years, the University has launched many new initiatives to turn the University's vision into reality. The achievements are admirable. In the coming years, the University will continue to commit resources to enhance its teaching and research capabilities, as well as human capital in order to deliver quality teaching and conduct innovative research while coping with all sorts of challenges.

The University will phase out sub-degree (SD) programmes starting from 2022/23. The University will ensure the quality of the programmes are maintained and the interests of existing SD students are sufficiently protected by sustaining the senior year (SY) programmes, in light of the aspirations and potential of students, through the SY admission route. While there will be a reduction in income from these SD programmes, additional income will be generated from the increased student in-take for undergraduate programmes.

After a holistic and in-depth review of its academic programmes, the University has revamped its undergraduate curriculum starting from the 2022/23 academic year. Besides "Chinese history and culture" and "national education", the University will embed the elements of "artificial intelligence and data analytics" (AIDA) and "innovation and entrepreneurship" (IE) as compulsory subjects into all undergraduate programmes and offer two new optional Secondary Majors in AIDA and IE. At the same time, the University will adopt scheme-based admissions instead of programme-based admissions starting from the 2022 intake cohort in order to provide a broader educational base and a more flexible progression pathway for students, as well as a more agile mechanism to meet changing societal manpower needs. In addition to participating in the UGC's Student-Athlete Learning Support and Admission Scheme, the University has also launched the Special Talents Admission and Recognition Scheme for students with special talents/exceptional achievements in sports, arts and culture, community service and leadership, and STEM to pursue their studies at the University starting from the 2022/23 academic year.

財政展望

大學明年將根據新通過的學術發展建議及大學問責協議開展教資會提供撥款的新一個三年期。過去三年，大學推行了許多新舉措以實現大學的願景，成績斐然。在往後的日子，大學將繼續投放資源以提升教學、科研能力，以及人力資本，以期在面對各種挑戰時，亦能提供優質教學和進行創新科研。

理大將於2022/23年度起逐步取消副學位課程。大學會確保課程質素，並視乎學生的志向和潛能，透過提供高年級學士學位課程入學途徑，讓現有副學位課程學生的權益得到足夠保障。雖然來自副學位課程的收入將會減少，但本科課程增加的學額將帶來額外收入。

大學早前就學術課程進行了全面而深入的檢討後，將於2022/23學年起就本科課程進行改革。除了中國歷史及文化、國民教育外，大學亦將人工智能及數據分析、創新及創業的元素加入所有本科課程為必修科目，並提供人工智能及數據分析、創新及創業兩項課程作為第二主修之選項。同時，大學將於2022/23年起以組合為本，而非課程為本的收生制度，為學生提供更廣闊的教育基礎和更具彈性的學習進程，以更靈活的機制配合不斷變化的社會人力需求。除了參與教資會的「學生運動員學習支援及入學計劃」外，大學亦由2022/23年度起推出專才招生計劃，為一些在體育、藝術及文化、社會服務和領導力，以及創科等方面具備特殊才能和表現超卓的同學提供升讀大學的機會。

The University has successfully recruited a number of outstanding scholars from around the world via the Global STEM Professorship Scheme of the HKSAR Government and SHS. To step up our efforts in attracting outstanding young scholars to join us in the coming years, the University has established the Presidential Young Scholars Scheme (PYSS) in May 2022 under SHS for Assistant Professors and Associate Professors with the provision of a start-up grant to support their career development.

The University is committed to addressing key societal challenges through interdisciplinary collaboration for impactful research with talents from around the world and cutting-edge research facilities. Comprising 11 Research Institutes and five Research Centres with over 400 leading researchers, PAIR is the largest research platform among its peers in the Greater Bay Area. PAIR will foster interdisciplinary research, partnership with world-renowned scholars, and technological advancement to support the development of Hong Kong and the Greater Bay Area into an international innovation and technology hub.

The University is also committed to devoting resources for enhancement of its campus infrastructure, with the highest commitment being the University's contribution from non-UGC funds to support over 25% of the construction cost of the two student hostel projects. It is expected that with the completion of various campus development projects in the coming few years, the University will be able to better utilise the existing and the additional space to support its teaching, learning and research endeavours. With the growing concern for environmental, social and governance challenges, a Task Force on Campus Carbon Neutrality has been set up to work out a roadmap to achieve carbon neutrality on campus.

大學透過香港特別行政區政府的「傑出創科學人計劃」及策略招聘計劃，從世界各地成功聘任一批傑出學者。為進一步吸引優秀青年學者加入理大，大學於2022年5月在策略招聘計劃下設立校長特設青年學者計劃，供助理教授及副教授參加。獲選學者將可獲得大學撥款以支持其事業發展。

大學致力透過與來自世界各地的人才合作和提供尖端科研設施，進行具影響力的跨學科研究，以應對重大的社會挑戰。香港理工大學高等研究院轄下有11個研究院和五個研究中心，以及400多名優秀科研人員，是粵港澳大灣區同類平台中規模最大的研究平台。該研究院將促進跨學科研究，與世界知名學者建立夥伴關係和推動科技發展，以支持香港和大灣區發展成為國際創新科技中心。

大學一直投放資源改善校園基礎設施，而其中承擔最大的是兩個學生宿舍建設項目，動用大學非教資會資金，資助超過25%的建造成本。大學預期在校園擴展項目在未來數年陸續完成後，將可進一步善用現有及額外增加的校園空間進行教學與科研工作。隨著環境、社會及管治議題日益受到關注，大學已成立建立碳中和校園專案小組，致力規劃路線圖以達成碳中和為目標。

With 85 years of proud tradition and ranked among the world's top 100 institutions, PolyU aspires to become a leading university with world-class research, education and knowledge transfer. The year-long celebratory events since November 2021 were held with the theme "We Are PolyU • Together We Excel" to recognise the contributions of the PolyU community working together as one over the past 85 years. The University is committed to continuing its pursuit of excellence on all fronts, making impactful contributions to Hong Kong, the Nation and the world. With the continued support from all stakeholders and strong financial health, the University is well positioned to scale new heights in its journey to becoming a world leading university for the benefit of mankind.

理大擁有85年的驕人歷史，並躋身世界百強院校之列，矢志成為一所在研究、教育和知識轉移方面均具世界水平的領先大學。大學於2021年11月開始為期一年的校慶活動，主題為「情繫理大·共創非凡」，正好彰顯理大社群在過去85年團結一致貢獻社會的精神。大學會繼續在各方面追求卓越，為香港、國家和世界作出貢獻。在各持分者的支持和穩健的財政狀況下，大學定能再攀高峰，晉身世界一流大學之列，同時為人類帶來福祉。

The Hong Kong Polytechnic University Annual Report 2021/22 香港理工大學年報

We would like to express our gratitude to all staff members, students, alumni and friends of PolyU who have contributed to the publication of this report.

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