



香港中文大學
The Chinese University of Hong Kong



研究及知識轉移服務處
Office of Research and
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KNOWLEDGE TRANSFER

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Executive Summary

Leading international information and analytics company Elsevier's recent analysis of megatrends driving research impact in the GBA highlights The Chinese University of Hong Kong (CUHK)'s significant contributions to specialized fields crucial for the region's economic competitiveness. This focus on impactful research and knowledge transfer is further reinforced by CUHK's impressive achievements in securing funding from the prestigious Research Impact Fund (RIF) of the Research Grants Council (RGC). CUHK ranked 32nd in the QS World University Ranking 2026. This impressive four-place leap from last year's ranking marks CUHK's best performance in the league table.

CUHK aligns with the Hong Kong Innovation and Technology Development Blueprint (Blueprint) and 14th Five-Year Plan to develop Hong Kong into an international innovation and technology centre by actively engaging in strategic partnerships and initiatives that enhance the region's technological capabilities and global competitiveness. Through initiatives like the InnoHK Centre, CUHK has transformed Hong Kong into a global innovation powerhouse. Its' research discoveries will benefit the world.

CUHK has successfully established six InnoHK Centres, five of them have been renewed after five years, each dedicated to specific research areas that promote an innovation-friendly environment and translate research outcomes into impactful products. Additionally, CUHK has achieved the highest number of projects funded under the Research, Academic and Industry Sectors One-plus Scheme (RAISe+), securing a total of 13 projects, underscoring its exceptional research capabilities and pivotal role in advancing Hong Kong's innovation landscape.

Align with the Blueprint, CUHK continues to promote and enhance innovation and technology culture in the community. This commitment is reflected in funding initiatives like the Sustainable Knowledge Transfer Project Fund and the Knowledge Transfer Project Fund, which support community-driven projects addressing pressing social issues, foster social enterprises, and enhance the university's engagement with the community.

The establishment of Innoport in cities like Shanghai and Beijing strengthen CUHK's presence in mainland China, facilitating further knowledge transfer and collaboration with industry leaders in PRC. CUHK had proactively integrate into the overall development of Mainland China.

In conclusion, CUHK's relentless pursuit of impactful research and knowledge transfer activities, as evidenced by its recognition, funding, and groundbreaking initiatives, clearly showcases that the sky is not the limit for our innovation and knowledge transfer endeavors. As CUHK continues to push the boundaries of what is possible, its contributions to the GBA and beyond will undoubtedly continue to resonate, propelling the advancement of knowledge and the betterment of our world. CUHK will continue to strive for excellence in academic and interdisciplinary research while strengthening collaborations with mainland and global institutions to make greater contributions to the community.

CUHK Achievement in Knowledge Transfer and Entrepreneurship for 2024/25:



Income Generated from IP
HK\$127M
YoY + 38%



No. of Licenses Granted
80
YoY + 29%



No. of Patent Granted
437
YoY + 19%



No. of Research Contracts
950

2 | Translate Innovations into values - InnoHK Centre

The InnoHK Centre is a key government initiative aimed at establishing Hong Kong as a global hub for research collaboration. The InnoHK Centre currently has two main research clusters: AIR@InnoHK, which focuses on artificial intelligence and robotics, and Health@InnoHK, which focuses on healthcare technology. CUHK has established six InnoHK Centres to create innovations that address global challenges, develop Hong Kong as an innovation and technology hub and promote new industrialization in Hong Kong.

Successfully Renew to 2nd Five Years

Five InnoHK Centres were established in 2020, after the first five years, supplemental agreements with the government were signed, successfully renewing their second five-year terms. The last InnoHK Centre will conclude its first five-year period in 2027. Below are the innovation highlights for each InnoHK Centre:

2.1 AIR@InnoHK

Multi-Scale Medical Robotics Center Limited (MRC)

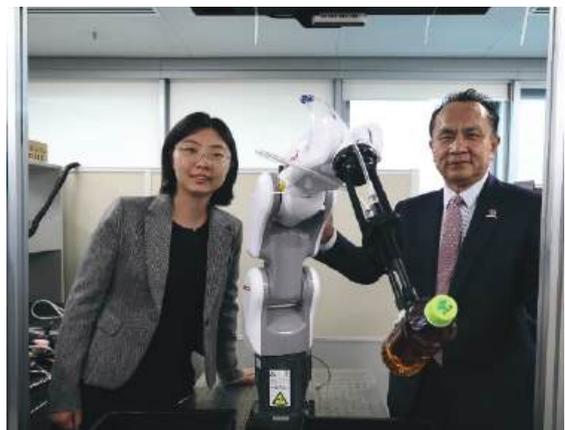
Since its establishment in 2020, MRC has significantly advanced medical robotics, especially in minimally invasive surgery (MIS). Through research in endoluminal robotic platforms and image-guided technologies, MRC has developed innovative solutions to enhance surgical precision and patient outcomes. Collaborating with prestigious institutions like ETH Zurich and Johns Hopkins University, it achieved the first in-vivo teleoperated magnetic endoscopy, allowing for remote surgical procedures. This technology, integrated into Asia's unique Hybrid Operating Room, aims to improve access to specialized care.



The recent launch of the Hamlyn-MRC Lab further emphasizes MRC's commitment to remote robotic surgery and open-source solutions. With the surgical robotics market projected to exceed USD 20 billion by 2030, MRC is focusing on AI and partnerships with Cornerstone Robotics to drive transformative progress in healthcare, leveraging expertise from CUHK to address critical challenges and enhance patient care.

Hong Kong Centre for Logistics Robotics Limited (HKCLR)

HKCLR has been developing advanced robotics solutions for logistics through ongoing research and innovation, leading to significant advancements and multiple awards. HKCLR's automated site monitoring and property management system was selected for the first batch of the Hong Kong Low-Altitude Economy Regulatory Sandbox Program. Additionally, our Sewage Tunnel Inspection Ball (TIB) Robot won a Gold Medal at the Asia Exhibition of Innovations and Inventions, received recognition from ITC's I&T Award, and earned the Smart Mobility (Smart Transport) Award in the Hong Kong ICT Awards 2024.



Alever Robotics, a spinoff of HKCLR, is commercializing advanced AI technologies for general robot manipulation, enhancing robot intelligence for applications in manufacturing, logistics, agriculture, and services. HKCLR has also established collaborations with industry partners to improve automation and create smart workplace solutions.

Centre for Perceptual and Interactive Intelligence (CPII) Limited

CPII targets the sectors of healthcare, urban services, and reindustrialization by leveraging international research networks to develop AI talent and nurture start-ups. With expertise in computer vision and language technologies, CPII connects research with industry to facilitate the societal adoption of innovations. In collaboration with the Hong Kong Sports Institute, CPII has developed AI and computer vision technologies that enhance table tennis training by analyzing matches and techniques. AI tools enable coaches and athletes to predict ball trajectories and create tailored strategies, significantly impacting training and performance in major tournaments like the Asian Games and the 2024 Paris Olympics.



CPII also introduced Hong Kong's first AI-powered Media Assistant, providing real-time transcription, translation, and summaries for live broadcasts, thereby improving accessibility for audiences during significant government events.

2.2 Health@InnoHK

Centre for Novostics (NOV)

NOV aims to push forward the frontier of molecular diagnostics, particularly in prenatal diagnosis and cancer diagnostics. The research areas will accelerate the application of liquid biopsy and promote Hong Kong as a leading molecular diagnostic center in the world.

AI-Powered DNA Methylation Detection for Disease Diagnosis

DNA methylation is a key process that regulates gene activity by adding chemical tags to DNA, impacting cell function, development, and disease. Abnormal methylation patterns are linked to various diseases, making their detection crucial for understanding gene regulation and improving diagnostics. However, traditional detection methods can damage DNA, affecting accuracy. To address this, Professor Dennis Lo and his team developed the Holistic Kinetic Model 2 (HK2), an AI-driven method that detects methylation without chemical treatments. Using deep learning algorithms similar to those used in facial recognition, HK2 achieves 99% correlation with traditional methods while preserving DNA integrity. Licensed to Pacific Biosciences (PacBio), HK2 will be integrated into their sequencing platforms, enhancing researchers' and clinicians' ability to study epigenetic modifications and improve diagnostic and treatment strategies, ultimately benefiting patient care worldwide.



NOV Co-directors Prof. Dennis Lo (center) and Prof. Allen Chan (left), along with Chief Bioinformatics Officer Prof. Peiyong Jiang (right), stand in front of Pacific Biosciences' HiFi DNA sequencing system.

Microbiota I-Center (MagIC) Limited

MagIC is a leading microbiome research center focused on advancing microbiome science for personalized healthcare. It aims to explore the links between the gut microbiome and health, particularly concerning chronic diseases, mental health, and metabolic disorders. With a notable increase in Autism Spectrum Disorder (ASD) diagnoses, many affected children remain undiagnosed due to the lack of objective tests. MagIC has developed MetaGenie™, a non-invasive at-home stool test that identifies microbiome signatures in children with ASD using advanced metagenomic analysis. With a sensitivity of 90% and specificity of 91%, its machine learning model, trained on data from over 1,600 children, provides a validated risk score to aid in diagnosis. To commercialize MetaGenie™ and expand its use to other diseases, MagIC has launched a spin-off company, MicroSigX Ltd., building on previous successes. The center is also working towards FDA approval for MetaGenie™ to enable global access to this innovative diagnostic tool, enhancing Hong Kong's status as a biotech hub.



Center for Neuromusculoskeletal Restorative Medicine Limited (CNRM)

CNRM is focused on innovating neuromusculoskeletal regeneration to improve treatments for cartilage, joint complexes, skeletal muscle, tendons, and nervous systems. Partnering with the Karolinska Institute, it works on stem cells, biomaterials, 3D printing, tissue engineering, and personalized medicine, having established four spin-off companies to commercialize its technologies. In line with the FDA's plan to reduce animal testing, CNRM has developed organoids and organs-on-a-chip for drug testing, including patented 3D bioprinted cartilage organoids. As the aging population increases the prevalence of conditions like sarcopenia, CNRM is creating drug candidates to address these issues while collaborating with companies like NovelBio and Angitia BioPharmaceuticals. The center has also developed treatments for tendinopathy, earning awards at international invention festivals. Additionally, CNRM has established a spin-off company, Trilateral BioPharmaceutical Limited, which is transforming stem cell manufacturing and significantly reducing costs and production time. CNRM continues to seek collaborations, including a recent partnership with the Jinan International Medical Center, to enhance its impact in sports medicine and regenerative therapies.



3 | Innovation and Entrepreneurship Ecosystem

In 2024/25, CUHK developed an innovation and entrepreneurship ecosystem with the following remarkable achievements:

3.1 RAISe+

Launched in October 2023, the Hong Kong Government's Research, Academic and Industry Sectors One-plus Scheme (RAISe+) aims to transform and commercialize research outcomes while fostering collaboration among the government, industry, universities, and research sectors. The scheme provides matching funding of up to HK\$100 million for each approved project. CUHK has secured funding for seven projects in the first round and six projects in the second round. CUHK leading all local institutions in Hong Kong in the total number of total funded projects and highlighting its strong research capabilities. This achievement underscores CUHK's commitment to pioneering research and industry collaboration, particularly in fields like medicine, computer science, and engineering. Multiple CUHK research teams are interested in the upcoming cohort, covering areas such as advanced engineering and biotechnology, demonstrating the university's strong industry links and translational research capabilities. This aligns with the 14th Five-Year Plan to position Hong Kong as an international innovation and technology hub, contributing to the knowledge-based economy and talent development.

Refer to Annex IX for RAISe+ projects.



3.2 TSSSU

The Innovation and Technology Commission (ITC) of the Hong Kong SAR Government has established the Technology Start-up Support Scheme for Universities (TSSSU) to encourage students, professors, and alumni from six local universities, including CUHK, to start their own technology companies to commercialize research and development results. In the 2024-25 fiscal year, a matching funding support of HK\$8 million for the original component of the Scheme (TSSSU-O) and HK\$8 million for an enhancement measure (TSSSU+) has been awarded to 30 CUHK technology start-ups, including 23 TSSSU-O teams and 7 TSSSU+ teams, to launch or continue their start-ups. These TSSSU+ companies secured approximately HK\$9.6 million in external investments through matching funds and underwent start-up training provided by our ecosystem to strengthen and develop their ventures.

A total of 114 CUHK start-ups have been awarded since TSSSU launched in 2014; *refer to Annex X for breakdown of 2024/2025 companies.*

3.3 IdeaBooster Fund

The IdeaBooster Fund provides support for translational research projects from the early ideation stage. The eligibility criteria have expanded to include full-time CUHK research and teaching staff, as well as postgraduate students. Funding decisions are based on four criteria: innovativeness, implementation feasibility, potential impact, and market feasibility. This year, the IdeaBooster Fund received 96 project applications, an increase of 56 compared to last year. Among all applications, 19 projects were shortlisted for funding this year and 6 projects were completed by June 2025.

Refer to Annex XI for IdeaBooster projects.

3.4 Innovation and Entrepreneurship Exhibitions

CUHK presented the following significant exhibitions to create a vibrant platform showcasing groundbreaking research and entrepreneurial ventures from start-ups, students, and alumni. These events highlight CUHK's commitment to fostering innovation as a means to address global challenges. Attendees engaged with interactive displays, participated in workshops, and networked with innovators, gaining valuable insights into the entrepreneurial process.

Refer to Annex VIII for all Knowledge Transfer Seminar and Events during the fiscal year 2024/25.

10th Anniversary Innovation and Entrepreneurship Exhibition

The “CUHK Entrepreneur Day 10th Anniversary Innovation and Entrepreneurship Exhibition” was successfully held at New Town Plaza in Sha Tin from 22 to 28 August 2024. Under the inspiring theme “CUHK Innovations · Brightening the Future,” the exhibition showcased the remarkable research and entrepreneurial achievements of CUHK students, faculty, and alumni. It offers the public a unique opportunity to experience how pioneering research is shaping the future.



CUHK Innovation Day 2024

The 4th Innovation Day was held on 20 September 2024. It showcased the outstanding achievements of CUHK's scholars, students, and alumni in innovations and technologies. The event brought together government officials, researchers, innovators, and industry leaders, aiming to create synergies, spark creativity among start-ups, and forge partnerships.

Innovation Day 2024 featured more than 40 exhibitors, including 6 CUHK InnoHK Centres, 7 projects funded by the Research, Academic and Industry Sectors One-plus Scheme (RAISe+), and other start-up projects. An online guided tour of the exhibition was broadcast to introduce CUHK's start-ups and inventions to political, industrial, commercial, and academic guests from around the world. Additionally, about 150 local secondary school students participated in an onsite guided tour, enhancing their understanding of and interest in innovation.



CUHK Entrepreneur Day 2024

CUHK successfully hosted Entrepreneur Day 2024 on 27-28 September 2024, an entrepreneurship-focused event designed to foster a vibrant communication platform for alumni, students, academia, industry leaders, and investors. The event featured a wide array of engaging activities, including dynamic exhibitions, interactive project showcases, an entrepreneurship competition, and personalized one-on-one consultation sessions. Aiming to cultivate innovative thinking among participants, the newly introduced STEM workshops for secondary school students received an enthusiastic and overwhelming response.



CUHK Innovation Summit 2025

The CUHK Innovation Summit 2025, co-hosted by CUHK Innovation Limited (CUIL) and ORKTS on 31 March 2025, attracted over 150 attendees, promoting collaboration between CUHK start-ups and the investment community. CUIL announced updates on its investment platform, which supports start-ups in transforming research into societal benefits, and revealed partnerships with four organizations—Greater Bay Area Homeland Investments, Hong Kong X Technology Fund, Radiant Tech Ventures, and ZhenFund—to accelerate the commercialization of university innovations.

The Summit featured two panel discussions: "Unlocking Potential: Insights from Investment Leads," which covered investment criteria and commercialization strategies, and "From Lab to Market: Insights on RAISE+ Applications," addressing start-up challenges and funding navigation. A highlight was the participation of 10 CUHK start-up teams, who showcased their innovative solutions and engaged with investors, paving the way for potential collaborations and future fundraising opportunities.



3.5 Entrepreneurship Development: from Education to Acceleration

CUHK, offers a wide range of entrepreneurship-focused programs, coupled with tailored mentorship and networking opportunities to equip aspiring start-ups with the knowledge, skills, and resources needed to thrive in a dynamic business environment.

CUHK Innovation Limited (CUIL)

CUIL, a subsidiary of CUHK, provides personalized mentorship with leading venture capital and legal firms, helping start-ups refine their pitches and navigate legal issues. In 2024-2025, CUIL enhanced the entrepreneurial ecosystem for university spin-out start-ups by hosting a variety of events, workshops, and strategic partnerships, solidifying its role as a regional hub for innovation. The Venture Hours series provided personalized mentorship through one-on-one sessions with leading venture capital and legal firms, enabling start-ups to refine pitches and secure funding. Additionally, workshops covering essential skills, such as investor negotiation and technology commercialization. CUIL also played a crucial role in connecting start-ups to competitive platforms, with five teams shortlisted in the Deep Tech Lab and participation in prominent events like the Innovation Summit, Entrepreneurial Day and various forums, while serving as judges and mentors in global initiatives.



Deep-Tech Lab

The Deep-Tech Lab (DTL) Program, managed by the Centre for Entrepreneurship (CfE), aims to enhance the commercialization of science for positive business and societal impact. DTL connects local and international researchers, start-up teams, investors, and industry experts to support deep-tech ventures. This year, it has incubated 30 ventures across various industries, including advanced manufacturing and healthcare, providing them with guidance from over 50 experienced mentors from Hong Kong, Mainland China, Japan, and North America. DTL's mentorship helps improve market positioning and value propositions while identifying underdeveloped ventures early, enabling founders to focus on more promising opportunities.



4 | Technology Transfer and Commercialisation

4.1 Highlights of Intellectual Properties (IP) and Management Outputs and Achievements

IP protection allows CUHK to share its research with industry partners and facilitates knowledge and technology transfer to society. The university has developed innovative funding schemes to support patent filing and help inventors overcome challenges. One such scheme is a grant-based patent support program aimed at increasing IP awareness and encouraging innovation among researchers across different fields.

In 2024/25, 15% of inventions backed by these funding schemes came from interdisciplinary projects, and inventions from non-technology faculties like Arts and Social Science have tripled, reflecting the success of CUHK's inclusive approach. These patent funding schemes have alleviated concerns for less-experienced inventors and fostered further innovation, laying a strong foundation for entrepreneurship. In 2024/2025, CUHK inventors made 159 new invention disclosures, while a total of 718 and 437 patent applications have been filed and granted in different jurisdictions around the world. The university has also granted 80 IP licenses to local and overseas companies, and its IP licensing income reached a record high of HK\$ 127 million. This success demonstrates CUHK's commitment to transforming innovative research into practical solutions and highlights the importance of ongoing support for IP protection.

ORKTS IP and Technology Licensing Team organised regular seminar to introduce the fundamental concepts for patent law including the requirements needed to obtain an issued patent, strategic considerations for building a patent portfolio and develop strong IP strategy and proper inventorship.



Refer to Annex V and Annex VI for Patents and Licenses breakdown, respectively.

4.2 Research Contracts and Agreements

The university encourages partnerships with external parties from academic, industry, and other sectors. This plays a vital role in promoting research collaboration, knowledge transfer, leveraging complementary strengths, commercializing research outputs, securing additional funding, and maintaining practical relevance. Such collaborations with different sectors drive research progress and foster innovative solutions that positively impact society as a whole. Demonstrating its dedication to diverse partnerships and collaborations, the university successfully concluded 950 contracts valued at over HK\$312 million. These contracts span a broad spectrum of research disciplines across all faculties of the university, enabling researchers to engage in interdisciplinary projects and extend their expertise into new areas. The contracts include diverse collaborations, such as joint research initiatives, clinical trials, consultancy services, and material transfers concerning different research materials that the university receives from and provides to the international research community.

Refer to Annex VII for contracts executed breakdown.

4.3 Awards recognizing CUHK's Innovation and Research Breakthrough

CUHK and CUHK scholars achieved some significant awards which underscores the University's excellence in research and innovation:



Professor Francis KL Chan Choh-Ming Li, Professor of Medicine and Therapeutics in CU Medicine, receives the 15th Guanghua Engineering Science and Technology Award from the Chinese Academy of Engineering for his distinguished achievements and contribution to medical research, which is China's the most prestigious honour in the field of engineering science and technology and the only Hong Kong scholar in medicine and health to receive the award in 2024.

Professor Siew Ng, Croucher Professor in the Department of Medicine and Therapeutics, and Associate Dean (Research) of Faculty of Medicine have been honoured with the BOCHK Science and Technology Innovation Prize 2024 recognized her outstanding scientific research achievements in the field of "Life and Health". Professor Siew Ng's groundbreaking research, identified novel microbial signatures for inflammation of the gastrointestinal tract and autism spectrum disorders, has enabled early diagnosis and timely intervention of the conditions.



Professor Chen Shih-Chi, Professor in the Department of Mechanical and Automation Engineering, have been honoured with the BOCHK Science and Technology Innovation Prize 2024 recognised his outstanding scientific research achievements in the fields of "Advanced Manufacturing". Professor Chen Shih-Chi, has revolutionised the field of 3D printing with his innovative nanoscale 3D printer, achieving unprecedented speed and resolution across various materials.

Professor Jonathan Choi Chung-hang, from the Department of Biomedical Engineering has received the Hong Kong Engineering Science and Technology Award 2024-25 from the Hong Kong Academy of Engineering for his accomplishments in and contributions to bionanomaterials and nanomedicine.



4.3 Awards recognizing CUHK's Innovation and Research Breakthrough (Con't)

International Awards

CUHK had achieved below remarkable results from different global innovation competitions.

CUHK won 11 awards at the Silicon Valley International Inventions Festival (SVIIF) 2024, including 5 Gold Medals, 3 Silver Medals and 3 special prizes.



CUHK secured 8 awards, including 6 Gold Medals, with special recognition from WIPO and UNESCO at the 15th International Invention Fair of the Middle East and 2 special prizes.

CUHK set a record by winning 34 awards at the 50th International Exhibition of Inventions Geneva, demonstrating its leadership in technological progress with 33 selected projects across various disciplines.



CUHK researchers also received 10 awards for their innovations at the 4th Asia Exhibition of Innovations and Inventions Hong Kong.

Refer to Annex I for CUHK Innovations and Research awards.

5 | Student Innovation and Achievements

5.1 Pre-Incubation Centre

Pre-Incubation (PI) Centre is an incubation program for CUHK students. This year, the PI Centre admitted a total of 15 teams out of 50 applicant teams. The teams were selected by a vetting panel of both internal and external professional assessors. ORKTS has been working closely with HKSTP by launching the Co-Ideation Programme, which offers a maximum of HK\$130K in start-up seed funding for outstanding PI teams to commercialize their technologies and implement innovative business models for profit and societal benefit.

5.2 Social Enterprise Startup Scheme (SESS)

A Decade of Nurturing Young Social Entrepreneurs

The Student Experience and Development Section of the Office of Student Affairs (OSA) celebrated the 10th Anniversary and Award Presentation Ceremony of the Social Enterprise Startup Scheme (SESS) in November 2024. The event recognized a decade of supporting young social entrepreneurs and honored students for their innovative contributions to society, with over 70 participants, including mentors, trainers, students, alumni, and CUHK staff. In 2024-25, 17 teams participated in the mentorship program, receiving guidance from business experts. Awarded teams will be selected during the Final Presentation Day, each eligible for up to HK\$100,000 in seed funding. The training sessions attracted more than 300 students and alumni.



5.3 Hong Kong Social Enterprise Challenge (HKSEC)

The Hong Kong Social Enterprise Challenge (HKSEC), launched by CUHK in 2007, is a major platform for social enterprise start-ups aimed at tertiary students and recent graduates. Supported by organizations like the Home and Youth Affairs Bureau and the United Nations Development Programme, it encourages young people to use entrepreneurship to address social issues. Participants receive seed funding, mentorship, and publicity support. In the latest round, 593 participants formed 202 teams and presented over 130 ideas. The CUHK team, Body Nova, won HK\$150,000 for their AI app that promotes healthy dining experiences. Networking events will connect winning teams with professionals to foster collaboration and business opportunities.

5.4 Awards and Achievements

CUHK students continue to make remarkable strides in innovation and entrepreneurship, securing top prizes across major competitions including Hong Kong Techathon+ 2025, the 11th Hong Kong University Student Innovation and Entrepreneurship Competition, the Vice-Chancellor's Cup of Student Entrepreneurship, National Youth Innovation and Entrepreneurship Competitions and the Professor Charles K. Kao Student Creativity Awards. From pioneering AI-driven health devices to advancing sustainable tech solutions, their achievements highlight CUHK's dynamic culture of creativity, collaboration, and real-world impact.

Refer to Annex I for CUHK Innovations and Research awards.



5.5 Entrepreneurship Development - EPIN

The CUHK Minor Programme in Entrepreneurship and Innovation (EPIN) promotes an entrepreneurial mindset through an interdisciplinary curriculum and engaging activities for CUHK students. Over the past nine years, it has attracted over 1,000 enrollments and produced around 50 successful minors, focusing on ideation, realization, and commercialization. Key initiatives include learning from successful entrepreneurs like Mr. Steve Ng, who shared insights from his journey; a souvenir design competition with the CUHK Art Museum that encouraged creativity; and a 3-Day Future Ecopreneur Bootcamp focused on green technology, which helping students develop practical skills.

Also, another program, The Maker Workshop Series has equipped over 300 participants with essential skills in prototype production, while the CUHK Data Hack invites students to create solutions for social good aligned with the United Nation Sustainable Development Goals. EPIN also offers credit-bearing internships with industry partners, bridging academic theory and real-world experience. Additionally, overseas study trips to institutions like the University of Cambridge provide students with global perspectives and insights into entrepreneurial ecosystems.



6 | Social Innovation and Community Engagement

CUHK is committed to social responsibility, focusing on social innovation and sustainable impact through research. CUHK has established two key funding schemes: the Sustainable Knowledge Transfer Project Fund (S-KPF) and the Knowledge Transfer Project Fund (KPF), along with other funding initiatives to address social problems.

6.1 Sustainable Knowledge Transfer Project Fund (S-KPF)

Social entrepreneurship provides a powerful way for CUHK academics and students to use their research for sustainable social impact. To encourage this, CUHK created funding schemes and programs that assist in turning knowledge into mission-driven ventures. The Sustainable Knowledge Transfer Project Fund (S-KPF) is a unique initiative in Hong Kong that empowers CUHK to develop research-informed social enterprises. Since its launch, the S-KPF has supported 24 social enterprises, each addressing community needs with innovative business models. In 2024/25, there are 5 projects. The fund offers two years of funding totaling HK\$600K, structured incubation, and capacity-building services to help these projects become financially self-sufficient and attract investment. Overall, S-KPF-supported projects have secured over HK\$90 million in additional funding.

Refer to 7.3 for highlighted cases and list of projects in Annex XII.

6.2 Knowledge Transfer Project Fund (KPF)

This program helps researchers develop real-world solutions to important social challenges, translating academic knowledge into community-driven projects and scalable ventures for inclusive development. Since 2009, the KPF has supported 295 community projects, benefiting over one million people and addressing a wide range of social needs in Hong Kong. In 2017, CUHK partnered with the Social Innovation and Entrepreneurship Development Fund (SIE Fund) to enhance these efforts, leading to 60 funded projects that leverage academic expertise for innovative solutions. In the fiscal year 2024–2025, the KPF supporting 39 projects with funding of HK\$400K each, show CUHK's goal of connecting research with community engagement.

Refer to 7.4 for highlighted cases and list of projects in Annex XIII.



One of the KPF project, Professor Yiu Hoi Lam Melody's project reimagined public spaces as dynamic cultural platforms by empowering over 50 emerging musicians with training in stage presentation, programme curation, and creative entrepreneurship.

6.3 Social Impact Academy and Social Entrepreneurship

CUHK arranged a series of community-focused solutions through webinars, exhibitions, workshops, and coaching, fostering collaboration and entrepreneurial thinking for social innovation.

Refer to Annex II for Collaboration and Institutional Engagement Support details.

7 | Impactful Innovation Address Real-World Challenges

Below are highlight of CUHK's research projects that making significant real-world and social impact:

7.1 Debut satellite begins new chapter of Hong Kong aerospace

The "Hong Kong Young Innovators" satellite, developed by CUHK in collaboration with Guoxing Aerospace, was successfully launched on Sept 2024. This marks the birth of the first Earth observation satellite funded by the HKSAR's Innovation and Technology Commission and developed by CUHK. It will collect environmental and geographical data in Hong Kong and the Guangdong-Hong Kong-Macao Greater Bay Area to inform responses to global natural disasters and smart city building. It is the first satellite of the CUHK satellite constellation, establishing a foundation for smart cities. Professor Kwan Mei-Po,



Choh-Ming Li Professor of Geography and Resource Management (GRM) and Director of ISEIS, respectively, said the breakthrough would enable more direct and systematic data collection for disaster forecast and response.

Professor Kwan highlighted that the satellite's successful launch not only represents an important breakthrough but also increases the demand for big data analysis professionals, providing information services for national smart cities. This opens new opportunities for future generations and will also support teaching in fields like smart transportation and urban design.



Professor Ma Peifeng, the Chief Engineer of the CUHK Satellite Project and Vice-Chancellor Assistant Professor of the GRM Department, noted that the "Hong Kong Young Innovators" satellite is the world's first AI large model scientific satellite, equipped with high-resolution optical remote sensing cameras and high-performance computing payloads.

CUHK has extensive experience in applying satellite technology to deal with natural disasters. Additionally, the satellite's development and big data analysis create new employment opportunities, attracting more young people to participate in technological innovation and contribute to Hong Kong's aerospace industry.

7.2 Empowering Agriculture Through Knowledge Transfer: Advancing Climate-Resilient Solutions in Belt and Road Countries

Climate-Resilient Agricultural Solutions

In recent years, Prof. Lam Hon Ming, the Director of the State Key Laboratory of Agrobiotechnology, and his collaborator, Prof. Zhang Guohong has collaborated with Pakistani scientist Prof. Hafiz Mamoon Rehman (Prof. Lam's former post-doctoral fellow) to develop a large-scale soybean cultivation program in Punjab, adapting soybean cultivation techniques for local environments and climates. Utilizing a "Teach-to-Fish" model, they develop and distribute new soybean cultivars to empower local farmers, fostering adaptive agricultural practices. By facilitating the transfer of agricultural technology from Hong Kong, China, to Pakistan, this initiative aims to combat food insecurity exacerbated by climate change. Looking ahead, CUHK's knowledge transfer strategy will remain focused on creating impactful outcomes that benefit society. Prof. Lam's team are committed to driving innovation and entrepreneurship, contributing significantly to the advancement of various industries. With enthusiasm for future opportunities, Prof. Lam's team stand steadfast in their mission to instigate positive change through the innovation and entrepreneurship initiatives, solidifying CUHK's position as a leader in the global landscape of technology and knowledge transfer.

Socio-Economic Impact and Cultural Diplomacy

The potential socio-economic impact of these initiatives is substantial and far-reaching, with the ability to reduce Pakistan's annual soybean import dependency of USD1-2 billion through local cultivation. Apart from scientific cooperation, Hong Kong-based scientists play a crucial role in facilitating "people-to-people" connections that exemplify cultural diplomacy for the Belt and Road Initiatives, engaging Pakistani diaspora students in fieldwork in their hometowns. This integrated approach combines genetic research, mechanical engineering, and indigenous knowledge, creating a scalable model that can replicate successes in other regions, such as Northwest China. With shared visions, Prof. Lam's team pledge to align with the United Nations Sustainable Development Goals, promoting no poverty, zero hunger, climate action, and international partnerships while transforming marginalized lands into productive ecosystems through participatory knowledge co-creation.

To address global climate challenges, Prof. Lam's team have been focusing on the development of climate-resilient agricultural solutions through the creation of stress-tolerant soybean varieties known as the Longhuang series. Prof. Lam's team are honored to receive a Gold Medal with Jury Congratulations for the project "Stress Tolerant Soybeans for Climate-Smart Agriculture,". This recognition was awarded at the 50th International Exhibition of Inventions Geneva (IEIG), held from 9 to 13 April 2025, at Palexpo, Switzerland. These varieties can thrive in extreme conditions, withstanding the saline and arid environments of Northwest China.



The project "Stress Tolerant Soybeans for Climate-Smart Agriculture," led by the Director of State Key Laboratory of Agrobiotechnology, Prof. Lam Hon Ming and his collaborator Prof. Zhang Guohong received a Gold medal with Jury Congratulations at the 50th International Exhibition of Inventions Geneva.

7.3 Revolutionizing Mental Healthcare through AI-Driven Acceptance and Commitment Therapy (ACT) – SKPF supported project

Mental health challenges among caregivers of children with Special Health Care Needs (SHCN) are a significant global issue. Over 30% of caregivers, approximately 108million caregivers worldwide experience emotional and psychological burdens, often facing burnout, shame, and isolation. Despite their struggles, fewer than 20% seek professional help due to stigma, time constraints, and barriers to traditional therapy.

To address these issues, Prof. Chong Yuen Yu, Connie founded ACTuWISE Limited, focusing on creating a more compassionate and accessible mental health ecosystem. Using Acceptance and Commitment Therapy (ACT) principles, her work aims to empower underserved populations, including caregivers and mental health practitioners. A key innovation is the ACT-LLM technology, an AI engine between ACT therapists and clients, powering two main tools: the Pai.ACT App and the AI x ACT Simulation Training Platform.

The Pai.ACT App offers personalized emotional diagnostics, ACT-based self-help tools, and an AI-supported triage system that connects users with ACT-trained counselors when in-person therapy is needed. This system accurately identifies caregivers' emotional needs, providing timely support that helps them develop psychological flexibility and align with their values. Meanwhile, the AI x ACT Simulation Training Platform, currently in development, will provide interactive e-learning for paraprofessionals and mental health practitioners, enhancing their skills to better support caregivers.

Social Impact

Prof. Chong's work has significantly transformed the mental health landscape in Hong Kong and beyond. The Pai.ACT App has shown impressive results, reducing anxiety and depression among caregivers by 30% within six months. By providing accessible, stigma-free support, the app helps caregivers engage with their emotions openly, fostering resilience and well-being. Over 1,000 caregivers have benefited from the app in the first year, receiving timely psychological assistance and reconnecting them during hard times. Users felt that the apps helped them to manage their mental health, highlighting its role in empowering them to pursue meaningful goals in parenting and other aspects of life.

ACTuWISE has received several prestigious awards for its innovative approach, including a Gold Medal at the Geneva International Exhibition of Inventions 2024 and a Silver Medal at the Silicon Valley International Invention Festival 2024. These highlighted her team achievement to advancing mental health solutions through cutting-edge technology and evidence-based practices.



Looking forward, ACTuWISE aims to diversify to different underserved populations and strengthen collaborations with local, GBA, and international support networks. Long-term goals include scaling solutions globally to address youth mental health, trauma, depression, and anxiety. By adhering to ACT principles—openness, values-driven living, and psychological flexibility—ACTuWISE is dedicated to diverse mental health needs with compassion and innovation.

7.4 Education, Screening, and Rehabilitation of the Vestibular System for elderly - KPF supported project

Dr. Chang Wai Tsz's project focused on raising awareness and rehabilitating vestibular dysfunction among Hong Kong's aging population. The program involved education, on-site screening, and community rehabilitation, engaging over 350 elderly and 20 care staff at various centers. Educational talks enhanced public understanding of vestibular health, with more than 70% of centers noting increased awareness of symptoms and referral pathways. On-site assessments identified common vestibular disorders, emphasizing the need for proactive screening. Ongoing outreach through social media and traditional channels increased public engagement, leading to requests for more screening events and health education sessions. The team also partnered with sports science experts to improve balance assessments, showcasing CUHK's commitment to making clinical research accessible through community-based healthcare interventions.



Educational talks on the vestibular system are delivered to the members of elderly centres, enhancing their understanding of hearing and vestibular health.



Dr Chang demonstrated exercises for managing different vestibular disorders, actively involving older adults in the process.



Each session includes screening and assessment of vestibular functions to identify older adults at risk of hearing and vestibular health issues.



Dr Chang imparts knowledge to professional drivers, whose hearing health is crucial for their occupational safety.

8 | Innovation Achievement in Mainland China

8.1 CUHK Shanghai Centre

1st Anniversary Ceremony on 8 Sept 2024

The CUHK – Yangpu Week and CUHK Shanghai Centre 1st Anniversary Ceremony and CUHK Education and Innovation exhibition were held in Shanghai. This event marked the admission of the first five knowledge transfer projects at Innoport@Shanghai and the inauguration of the representative office of the CUHK Office of Admissions and Financial Aid in Shanghai. Senior management, administrators and officials from the Yangpu District Government and strategic partners attended the grand event in Shanghai.



Since its establishment in 2023, the CUHK Shanghai Centre has been committed to promoting deep collaboration between Hong Kong and Shanghai in higher education, scientific research and innovation, and talent development. It provides training for innovative and entrepreneurial talent, facilitates exchanges among entrepreneurs, scholars, and students from both cities, and supports interdisciplinary research collaboration among researchers and teams. The Centre also serves as an effective platform for synergy among government, universities, and enterprises, contributing to the high-quality development of the nation, Shanghai, and Hong Kong.

11 Knowledge Transfer Projects

CUHK held a Shanghai Centre launch meeting on 27 May 2025. The event brought together representatives from



government, academia, and the business community to witness CUHK's latest strides in fostering Hong Kong-Shanghai collaboration in technological innovation and knowledge transfer. Innoport@Shanghai announced six new knowledge transfer projects have commenced, now supporting eleven ventures and offering end-to-end services for research commercialization in Shanghai. These initiatives reflect CUHK's commitment to translating research into real-world impact and strengthening ties between academia, industry, and research.



8.2 CUHK Beijing Centre

The CUHK Beijing Centre was established to collaborate with HICOOL Business School and serves as CUHK's liaison hub in Beijing. It provides support for education and research development, academic exchange, and cooperation with mainland universities. The Centre also hosts forums, seminars, and academic activities to foster scientific research cooperation and deepen partnerships between industry, universities, and research institutions. CUHK actively participate the high-standard talent hub and in Beijing. The Centre serves as a venue for CUHK alumni from the Beijing-Tianjin-Hebei region to connect and strengthen alumni networks.

With the CUHK Shanghai Centre and CUHK Beijing Centre, along with other hubs in the Guangdong-Hong Kong-Macao Greater Bay Area, CUHK aims to build a comprehensive mainland network to facilitate interaction and cooperation among government, industries, universities, and research institutions, connecting the nation and the world.

Refer to Collaboration with Institutional Engagement Support in Annex II.

9 | Looking Forward

CUHK continues to excel in the research-incubation-commercialization continuum, affirming our role as a pivotal force in advancing knowledge and fostering innovation, which align the Hong Kong Innovation & Technology Blueprint. Our commitment to impactful research and translational applications remains unwavering as we actively participate in national scientific and space projects. Through these endeavors, we contribute not only to the study of outer space but also to developing innovative solutions for protecting our planet.

Expanding our influence beyond Hong Kong, we are excited about the transformative opportunities to develop Hong Kong as an international hub for innovation and technology by InnoHK Centres and the coming cluster: SEAM@InnoHK.

CUHK also continue focus on bridging research and application through our innovation ecosystem, including RAISe+, TSSSU, IdeaBooster, and PI Centre. Leveraging our research expertise and infrastructure, industry network, to help entrepreneurs turn research into impactful solutions.

CUHK will continue expand its knowledge transfer bases in Shanghai, Beijing, Greater Bay and eventually in other strategic cities across China. This strategic move will enhance our collaborations with industry partners, government agencies, and renowned research institutions, fostering a robust innovation-driven culture that promotes social and economic development.

We are dedicated to supporting the growth of unicorns, particularly in the deep technology sector. By providing mentorship, networking opportunities, funding, and state-of-the-art facilities, we empower aspiring entrepreneurs to bring their groundbreaking ideas to fruition. Our robust knowledge transfer mechanisms and professional support will continue to aid researchers, start-ups, and technology companies, ensuring their success and growth.

Looking ahead, CUHK will focus on creating impactful outcomes that benefit society. We remain committed to driving innovation and entrepreneurship, contributing to the advancement of various industries. As we embrace future opportunities, we are enthusiastic about instigating positive change through our innovation and entrepreneurship initiatives, solidifying our role as a leader in shaping a sustainable and innovative future.



Professor Sham Mai-har

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

Annex I - Awards recognizing CUHK's Innovation and Research Breakthrough

For the period from 1 July 2024 to 30 June 2025

Date	Event				
Jul 2024	<p>Professor Francis KL Chan Choh-Ming Li, Professor of Medicine and Therapeutics in CUHK Faculty of Medicine received 15th Guanghua Engineering Science and Technology Award from the Chinese Academy of Engineering for his distinguished achievements and contribution to medical research</p>				
Aug 2024	<p>Silicon Valley International Inventions Festival</p> <p>CUHK researchers achieved great success at the Silicon Valley International Inventions Festival (SVIIF) 2024, winning 11 awards, including 5 Gold Medals and 3 Silver Medals. 3 of the inventions received special prizes from the International Federation of Inventors' Associations and the United Inventors Association of America and Prize of the China Association of Inventions (CAI). 3 awarded projects were developed in InnoHK Centers. CUHK committed to encouraging staff and students to create innovative solutions for global challenges, showcasing its dedication to translating research into practical benefits for society.</p> 				
Aug 2024	<p>Professor Lai Hei-ming, Assistant Professor (Clinical) in Department of Chemical Pathology from the Faculty of Medicine and Professor Lyu Hairong, Vice-Chancellor Assistant Professor in Department of Chemistry from the Faculty of Science have been honoured with the 2024 Croucher Tak Wah Mak Innovation Awards by the Croucher Foundation in recognition of their excellent scientific research achievements.</p>				
Nov 2024	<p>Professor Apple Chui, Research Assistant Professor in the School of Life Sciences wins world-renowned Falling Walls Science Breakthroughs Award with School Coral Nursery Education Programme, reinforcing CUHK's commitment to global excellence in research and education.</p>				
Nov 2024	<p>Professor Siew Ng, Croucher Professor in Medical Sciences and Assistant Dean of Medicine (Development) and Professor Chen Shih-Chi, Professor in the Department of Mechanical and Automation Engineering awarded BOCHK Science and Technology Innovation Prize 2024 recognised for their outstanding scientific research achievements in the fields of "Life and Health" and "Advanced Manufacturing" respectively.</p>				
Nov 2024	<p>15 CUHK scholars named Highly Cited Researchers 2024 which underscores the profound impact and global influence of their research contributions:</p> <table border="0" data-bbox="323 1653 1150 2092"> <tr> <td data-bbox="323 1653 702 1921"> <p>Clinical Medicine</p> <ul style="list-style-type: none"> ▪ Professor Francis K.L. Chan ▪ Professor Henry Chan Lik-yuen ▪ Professor Tony Mok ▪ Professor Siew Ng ▪ Professor Vincent Wong Wai-sun ▪ Professor Yu Jun ▪ Professor Joseph Sung Jao-yiu </td> <td data-bbox="742 1653 1150 1989"> <p>Cross-Field</p> <ul style="list-style-type: none"> ▪ Professor David Hui Shu-cheong ▪ Professor Grace Wong Lai-hung ▪ Professor Martin Wong Chi-sang ▪ Professor Samuel Wong Yeung-shan ▪ Professor William Wu Ka-kei ▪ Dr Sunny H. Wong ▪ Professor Heng Pheng-ann ▪ Professor Martin Stolterfoht ▪ Professor Xu Jianbin </td> </tr> <tr> <td colspan="2" data-bbox="742 2033 1054 2092"> <p>Materials Science</p> <ul style="list-style-type: none"> ▪ Professor Wong Ching-ping </td> </tr> </table>	<p>Clinical Medicine</p> <ul style="list-style-type: none"> ▪ Professor Francis K.L. Chan ▪ Professor Henry Chan Lik-yuen ▪ Professor Tony Mok ▪ Professor Siew Ng ▪ Professor Vincent Wong Wai-sun ▪ Professor Yu Jun ▪ Professor Joseph Sung Jao-yiu 	<p>Cross-Field</p> <ul style="list-style-type: none"> ▪ Professor David Hui Shu-cheong ▪ Professor Grace Wong Lai-hung ▪ Professor Martin Wong Chi-sang ▪ Professor Samuel Wong Yeung-shan ▪ Professor William Wu Ka-kei ▪ Dr Sunny H. Wong ▪ Professor Heng Pheng-ann ▪ Professor Martin Stolterfoht ▪ Professor Xu Jianbin 	<p>Materials Science</p> <ul style="list-style-type: none"> ▪ Professor Wong Ching-ping 	
<p>Clinical Medicine</p> <ul style="list-style-type: none"> ▪ Professor Francis K.L. Chan ▪ Professor Henry Chan Lik-yuen ▪ Professor Tony Mok ▪ Professor Siew Ng ▪ Professor Vincent Wong Wai-sun ▪ Professor Yu Jun ▪ Professor Joseph Sung Jao-yiu 	<p>Cross-Field</p> <ul style="list-style-type: none"> ▪ Professor David Hui Shu-cheong ▪ Professor Grace Wong Lai-hung ▪ Professor Martin Wong Chi-sang ▪ Professor Samuel Wong Yeung-shan ▪ Professor William Wu Ka-kei ▪ Dr Sunny H. Wong ▪ Professor Heng Pheng-ann ▪ Professor Martin Stolterfoht ▪ Professor Xu Jianbin 				
<p>Materials Science</p> <ul style="list-style-type: none"> ▪ Professor Wong Ching-ping 					

Annex I - Awards recognizing CUHK's Innovation and Research Breakthrough (Con't)

For the period from 1 July 2024 to 30 June 2025

Date	Event
Dec 2024	<p>4th Asia Exhibition of Innovations and Inventions Hong Kong</p> <p>The 4th Asia Exhibition of Innovations and Inventions Hong Kong (AEII) co-organized by The Hong Kong Exporters' Association and Palexpo in Geneva. CUHK researchers won a total of 10 awards, including 2 Gold Medals, 7 Silver Medals, and 1 Bronze Medal, recognizing their outstanding innovations at the exhibition.</p> 
Dec 2024	<p>National Youth Innovation and Entrepreneurship Competitions</p> <p>Students from The Chinese University of Hong Kong received 9 awards at the National Youth Innovation and Entrepreneurship Competitions - Hong Kong Regional Award Ceremony 2024. 1 gold prize, 1 silver prize and 3 bronze prizes were awarded in the China International College Students' Innovation Competition (2024); and 1 silver prize and 3 bronze prizes in the 14th "Challenge Cup" China College Students' Entrepreneurship Competition.</p> 
Jan 2025	<p>Hong Kong Techathon+ 2025</p> <p>'Hong Kong Techathon+ 2025' is an inter-university platform for programmers, engineers, designers, marketers, and entrepreneurs to collaborate and learn to pitch new business ideas for seed funding and incubation support. 8 teams of CUHK students won 1 Gold, 2 silver awards, 2 bronze awards, and 3 merit awards in the categories of 'Trusted AI & Data Science,' 'Sustainability & ESG,' and 'Digital Economy,' respectively.</p> 

Annex I - Awards recognizing CUHK's Innovation and Research Breakthrough (Con't)

For the period from 1 July 2024 to 30 June 2025

Date	Event
Feb 2025	<p>15th International Invention Fair of the Middle East</p> <p>The 15th International Invention Fair of the Middle East (IIFME) organized by the Kuwait Science Club under the patronage of the Emir of Kuwait. CUHK achieved remarkable success of winning 8 awards, including 4 Gold Medals with Jury Congratulations, 2 additional Gold Medals and 2 inventions also received special prizes: the World Intellectual Property Organization (WIPO) National Award for Inventors and a special prize from UNESCO. These awards highlight CUHK's ability to translate research and innovation into socially impactful products.</p> 
Mar 2025	<p>Professor Jonathan Choi Chung-hang from the Department of Biomedical Engineering has received the Hong Kong Engineering Science and Technology Award 2024-25 from the Hong Kong Academy of Engineering for his accomplishments in and contributions to bionanomaterials and nanomedicine.</p>
Mar 2025	<p>Hong Kong University Student Innovation and Entrepreneurship Competition</p> <p>The Hong Kong University Student Innovation and Entrepreneurship Competition is a territory-wide event in which CUHK students excelled at the 11th competition, winning 22 awards, including 2 grand prize, 4 first prizes, 7 second prizes, 6 third prizes, and 3 merit prizes in both the Innovation and Entrepreneurship categories. CUHK also received the Outstanding Organization Award. Organized by the Hong Kong New General Cultural Association, the winners will represent Hong Kong in national contests, with innovation projects competing in the "Challenge Cup" National College Students' Contest, and entrepreneurship projects participating in the China International College Students' "Internet+" Competition and/or the "Challenge Cup" (Chuang Qing Chun) Entrepreneurship Competition.</p>
Mar 2025	<p>The Professor Charles K. Kao Student Creativity Awards</p> <p>The Professor Charles K. Kao Student Creativity Awards is a biennial competition co-organized by ORKTS and CfE to promote innovation among CUHK students. This year, 55 entries were submitted by 94 students from the Faculty of Engineering (27 entries), the Faculty of Medicine (20 entries), and the Faculty of Science (8 entries). A total of 11 teams were awarded, including 3 Champions, 3 1st Runner-ups, 3 2nd Runner-ups, 1 Merit Award, and 1 Special Award.</p>

Annex I - Awards recognizing CUHK's Innovation and Research Breakthrough (Con't)

For the period from 1 July 2024 to 30 June 2025

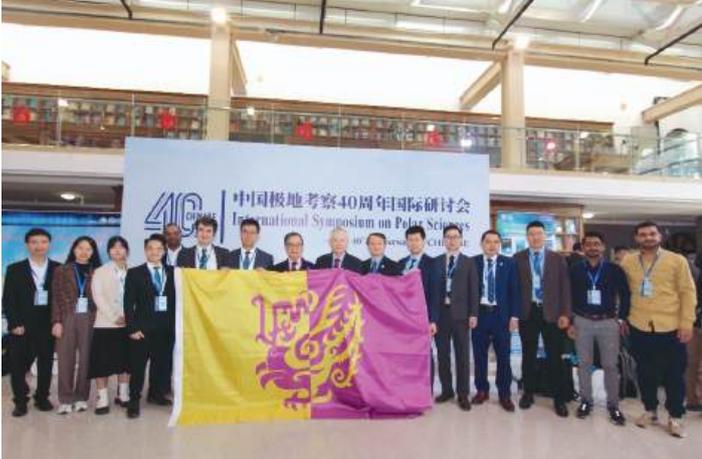
Date	Event
Apr 2025	<p>50th International of Exhibition Inventions Geneva</p> <p>CUHK won a record-breaking 34 awards at the 50th International Exhibition of Inventions Geneva, the highest number achieved by CUHK. The awards included 1 special grand prize, 7 Gold Medals with Jury Congratulations, 8 Gold Medals, 11 Silver Medals, and 7 Bronze Medals, showcasing CUHK's expertise in knowledge transfer. Out of 1,050 inventions from 38 countries, 33 CUHK projects were selected by an international jury, with 16 from the Faculty of Medicine, 11 from the Faculty of Engineering, 5 from the Faculty of Science, and 1 from the Faculty of Social Sciences. These diverse projects demonstrate the university's strengths and leadership in driving technological progress and translating research into real-world benefits.</p> 
May 2025	<p>Professor Gary Choi Pui-tung, Vice-Chancellor Assistant Professor in the Department of Mathematics has been honoured with the Croucher Tak Wah Mak Innovation Award 2025 by the Croucher Foundation in recognition of his outstanding contributions in scientific research and fostering innovation in Hong Kong's scientific community.</p>
Jun 2025	<p>The Vice-Chancellor's Cup of Student Entrepreneurship</p> <p>The Vice Chancellor's Cup of Student Entrepreneurship (VCCE) is an annual competition co-organized by ORKTS and the Center for Entrepreneurship (CfE). The Award Ceremony celebrating the entrepreneurial talents of CUHK students. VCCE fosters cross-disciplinary collaboration and the entrepreneurial spirit through various activities that enhance students' understanding of entrepreneurship while challenging their creativity and resilience. This year, nearly 40 applications were received, involving around 90 students from all eight faculties, showcasing a range of innovative ideas. After 2 competitive rounds, 5 project teams were recognized as award winners for their exceptional performances.</p> 

Annex II - Collaboration and Institutional Engagement Support

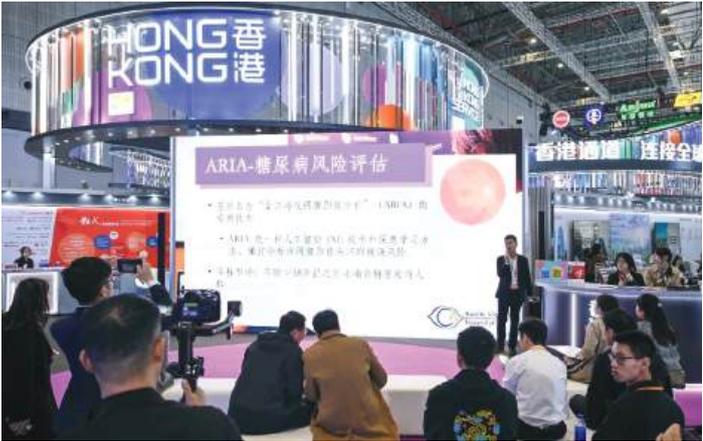
CUHK has actively collaborated with research institutes, industry partners in Hong Kong, the Greater Bay Area and PRC. This collaborative ecosystem accelerates the development of impactful solutions and cultivates a culture of creativity and continuous improvement. Below are some remarkable collaborations and exhibitions from 1 July 2024 to 30 June 2025:

Date	Event
Aug 2024	<p>9th Golden Age Expo and Summit</p> <p>The Bank of China Life 9th Golden Age Expo and Summit was held at the Hong Kong Convention and Exhibition Centre, serving as a platform for showcasing the latest smart aging technologies, products, and services. With the theme "Sustainable Smart Ageing," the event united civil, business, government, academic, and research sectors to address aging issues and promote Hong Kong as a leading Smart Ageing City in Asia. The expo featured over 200 booths and attracted more than 40,000 visitors, including policymakers, corporations, NGOs, and the general public.</p> 
Aug 2024	<p>Strategic Cooperation to Jointly Promote Polar Science Innovation Work</p> <p>CUHK and the Polar Research Institute of China (PRIC) signed a Framework Agreement for Strategic Cooperation at the China Symposium on Polar Science 2024. This collaboration will leverage the strengths of both parties to jointly promote the establishment of the Hong Kong Polar Science Innovation Centre, which serve as a platform to connect Hong Kong with the Mainland and the global community in the fields of polar science and technological innovation.</p> 
Aug 2024	<p>Greater Bay Area AI for the Future Tech Experiential Camp 2024</p> <p>CUHK Jockey Club AI for the Future Project (the Project) held the Greater Bay Area AI for the Future Experiential Camp 2024 at the CUHK Shenzhen Research Institute, drawing over 300 teachers and students from Hong Kong and mainland cities. The Camp cultivates students' innovation, problem-solving, and teamwork through seminars, workshops, and competitions, while fostering collaboration as teachers from mainland China and Hong Kong exchange insights to advance AI education across the Greater Bay Area.</p> 

Annex II - Collaboration and Institutional Engagement Support (Con't)

Date	Event
Aug 2024	<p>HICOOL 2024 Global Entrepreneur Summit</p> <p>The HICOOL 2024 Global Entrepreneur Summit was held at the China International Exhibition Center (Shunyi Hall). This Summit aims to bring together outstanding talents and innovative entrepreneurial projects, attracting the participation of universities and high-tech enterprises globally. Besides the exhibition booth showcase, our CUHK teams also presented in the roadshow session. This facilitated the knowledge sharing, forge valuable connections with high-level industry professionals and uncover new possibilities for collaboration and commercialization of their innovative ideas and research.</p> 
Oct 2024	<p>AI Transformation Conference and the Chinese-Hungarian AI Summit</p> <p>CUHK Shenzhen Research Institute and Corvinus University of Budapest jointly organized the AI Transformation Conference and the Chinese-Hungarian AI Summit at Corvinus University's Gellért Campus, laying the foundation for the collaboration between China and Hungary in the field of artificial intelligence (AI), and facilitating global cooperation in AI technology. The Conference is the first co-hosted activity of the Academic and Innovation Matrix cooperation agreement signed by CUHK Shenzhen Research Institute and Corvinus University.</p> 
Oct 2024	<p>International Symposium on Polar Sciences</p> <p>CUHK co-organized the International Symposium on Polar Sciences - The 40th Anniversary of CHINARE in Shanghai. The event, hosted by the Polar Research Institute of China (PRIC) and co-organized by CUHK, along with the Third Institute of Oceanography of the Ministry of Natural Resources, Peking University, Fudan University and others, aimed to showcase China's achievements in polar science and technological innovation. Over 270 representatives from 24 countries and regions gathered to discuss the latest advancements in global polar science and to share insights on future innovation advancements.</p> 

Annex II - Collaboration and Institutional Engagement Support (Con't)

Date	Event
Nov 2024	<p>8th Gerontech and Innovation Expo cum Summit (GIES) 2024</p> <p>As the largest public education event in gerontechnology in Hong Kong, it was jointly hosted by the HKSAR Government and the Hong Kong Council of Social Service, with co-organization by the Hong Kong Science and Technology Parks Corporation. This year, GIES featured five themed pavilions, including "Age-friendly City" and "Inclusive Tech for Kids," showcasing over 900 products from 220 local and international exhibitors. The expo attracted more than 35,000 visitors over four days, and CUHK showcased five projects focused on health monitoring, rehabilitation, mobility assistance, fall detection, and swallowing aids to address aging challenges in Hong Kong and beyond.</p> 
Nov 2024	<p>7th China International Import Expo</p> <p>The 7th China International Import Expo, organized by the Ministry of Commerce of China and the Shanghai Municipal Government, was held as the world's first import-themed national exhibition. This year, over 3,400 enterprises from 129 countries participated, including more than 280 Fortune Global 500 companies, attracting nearly 400,000 visitors. CUHK showcased its presence in the Hong Kong Services Pavilion, organized by the Hong Kong Trade Development Council (HKTDC), to promote cooperation between Hong Kong companies and the Chinese mainland in sectors like healthcare and artificial intelligence. CUHK also invited two successful project teams from the 8th YangPu Global Startups Competition to participate in the exhibition.</p> 
Nov 2024	<p>Sub-Forum of the Greater Bay Area Science Forum</p> <p>CUHK hosted the "Sub-Forum on International Organizations and Bay Area Dialogue" with themed "Science and Technology Innovation for Synergistic Development". About 200 delegates, including government officials, academicians, university leaders, and entrepreneurs from Belt and Road countries, the Greater Bay Area, and the mainland, gathered on the CUHK campus to discuss topics related to biomedical sciences, artificial intelligence, and green energy. They also explored how to maximize Hong Kong's pivotal role in building a scientific and technological innovation hub in the Greater Bay Area.</p> 

Annex II - Collaboration and Institutional Engagement Support (Con't)

Date	Event
Nov 2024	<p>International Artificial Intelligence and Creativity Conference (IAICC) 2024</p> <p>The International Artificial Intelligence and Creativity Conference (IAICC), jointly organized by CUHK Shenzhen Research Institute (SZRI) and CG Global Entertainment Ltd. (CGGE), took place in Shenzhen. Over 1,000 academics and professionals in the fields of artificial intelligence and creative industries gathered to discuss on the theme of "AI Technology Meets Creative Minds".</p> 
Nov 2024	<p>Joint Institute of Advanced Materials and Green Energy Research</p> <p>CUHK and Great Bay University (GBU) held the inauguration ceremony of the "GBU-CUHK Institute of Advanced Materials and Green Energy". CUHK and GBU emphasized that Dongguan and Hong Kong, both key cities in the Guangdong-Hong Kong-Macao Greater Bay Area (GBA), should complement each other's strengths and pursue shared development to serve the strategic goals of the nation and the GBA. The joint research institute aligns with Dongguan's industrial development plans while leveraging CUHK's research and innovation strengths to promote integrations with the industry. The establishment of this establishment will further serve as a base for education, talent development, and industry-academia collaboration in innovative green technology.</p> 
Dec 2024	<p>Frontier Forum on Basic Medicine and Clinical Translational Research</p> <p>CUHK organized the "2024 Frontier Forum on Basic Medicine and Clinical Translational Research" in collaboration with the National Natural Science Foundation of China. The event aimed to foster the development of scientific collaborations among universities in the mainland and Hong Kong. Also, aimed to leverage interdisciplinary exchanges among scholars and experts to grasp the current state and development trends in tumour research, seeking significant breakthroughs in addressing cutting-edge issues that meet the major needs of national development.</p> 

Annex II - Collaboration and Institutional Engagement Support (Con't)

Date	Event
May 2025	<p>Collaboration between Shanghai Municipal Talent Work Bureau</p> <p>The Joint Postdoctoral Fellowship Programme between CUHK and the Shanghai Municipal Talent Work Bureau—an important step in advancing collaboration on talent development and innovation. The scheme will support postdoctoral researchers at CUHK in pioneering work across fields such as integrated circuits, biomedical sciences, AI, mathematics, physics, chemistry, and biology.</p> 
May 2025	<p>5th Asia Summit on Global Health</p> <p>The 5th Asia Summit on Global Health (ASGH), held at the Hong Kong Convention and Exhibition Centre, was organized by the Hong Kong Government and the Hong Kong Trade Development Council. The theme was “Fostering Global Collaboration for a Shared Future.” The summit brought together policymakers, healthcare experts, academics, business leaders, industry players, start-ups, and investors to share insights and explore opportunities in the healthcare sector. This year, the event attracted over 2,900 participants from 42 countries, showcasing several projects from 10 CUHK technology start-ups.</p> 
May 2025	<p>WUN Annual General Meeting 2025</p> <p>The event brought more than 100 delegates from six continents, including university leaders, researchers and administrators, to discuss development in higher education and global research collaboration for greater impact to societies.</p>
Others	<p>SmartHK 2024, E&M I&T Day 2024, Eco Expo Asia 2024, InnoCarnival 2024, BIOHK 2024, 14th BIP Asia Forum, InnoEx 2025, Insurtech Insights Asia 2024, and Hong Kong International Medical and Healthcare Fair 2024.</p>

Annex IV – UGC Key Performance Indicators

Updates on Table 4.1 of Knowledge Transfer Plan for 2022-25

For the period from 1 July 2024 to 30 June 2025

Presented in Hong Kong Dollars

	Entrepreneurship	2023-24	2024-25
1	Number of InnoHK Centre	6	6
2	Number of Research, Academic and Industry Sectors One-plus Scheme (RAISE+) companies	N/A	7
3	Number of technology start-ups supported by Technology Start-up Support Scheme for Universities (TSSSU)	23	30
4	Number of Sustainable Knowledge Transfer Project Fund (S-KPF)	5	5
5	Number of Committee on University Subsidiaries and Spin-off Companies (CUSSOC) companies	8	7
6	Number of Start-Up	224	239
7	Number of IdeaBooster Fund Project	20	19
8	Knowledge Transfer Project Fund (KPF): Projects supported by the UGC KT Fund and SIE Fund	43	39
9	Net income generated (or net loss arising) from wholly-owned subsidiaries or controlling companies	Net loss HK\$1,158,812	Net Income HK\$7,895,940 (a)
Intellectual Property and Commercialization			
10	Number of Patents filed in the year (with breakdown ^[Annex V] by country and type)	657	718
11	Number of Patents granted in the year (with breakdown ^[Annex V] by country and type)	368	437
12	Number of Licences granted (with breakdown ^[Annex VI] by type)	62	80
13	Income (on cash basis) generated from intellectual property rights	HK\$91,722,429	HK\$126,832,059 (a)
14	Expenditure involved in generating income from intellectual property rights	HK\$14,475,226	HK\$12,462,709 (a)

(a) Subject to audit adjustment

Annex IV – UGC Key Performance Indicators (Con't)

Updates on Table 4.1 of Knowledge Transfer Plan for 2022-25

For the period from 1 July 2024 to 30 June 2025

Presented in Hong Kong Dollars

	Research and Business Services	2023-24	2024-25
15	Number of collaborative research projects, and income thereby generated	229 cases HK\$150,800,066	260 cases HK\$153,505,576 (a)
16	Number of contract research projects (other than those included in "collaborative research projects" above), and income thereby generated	229 cases HK\$84,687,013	238 cases HK\$117,663,323 (a)
17	Number of consultancies, and income thereby generated	292 cases HK\$176,352,609	291 cases HK\$162,978,397 (a)
	Total Income (9)+(13)+(15)+(16)+(17)	HK\$502,403,305	HK\$568,875,295 (a)
18	Income from Continuing Professional Development (CPD) courses	HK\$1,711,555,919	HK\$1,933,092,796 (a)
	Sub-Total Income Item (9)+(13)+(15)+(16)+(17)+(18)	HK\$2,213,959,224	HK\$2,501,968,091 (a)
	Social, Cultural and Public Engagement		
19	Number of KT public lectures / symposiums and speeches to a community audience	925	997
20	Number of KT performances and exhibitions by staff or students	79	123
21	Number of KT projects and activities	1,787	1,672
22	Number of KT publicity or media features, including print, online and electronic media	9,215	8,496
23	Number of staff engaged as members of external advisory bodies including professional, industry, government, statutory or non-statutory bodies	1,553	7,551

Footnotes

(a) Subject to audit adjustment

Annex VIII – List of Knowledge Transfer Seminar and Events organised by ORKTS

Knowledge Transfer Seminars/Events organised by ORKTS

For the period from 1 July 2024 to 30 June 2025

No.	Date	Title	Speaker(s)	Participants	Mode	Venue
1	6-Jul-24	CUPP Web3 2024 Pre-camp Nurturing Session	Dr. Victor Lau (VA team, ORKTS) Ms. Amy Lai (ReCube) Mr. Maurice Chang (Mind+) Mr. Log G Cheng (EdQuo)	74	Face-to-face	CYT, CUHK
2	18-Jul-24	ORKTS x CUHK Summer Institute: Exploring InnoPort	Representatives from Mobut Co., Ltd and Hetero Lab Co., Ltd	40	Physical	InnoPort, CUHK
3	29-Jul-24	Intellectual Property Protection: Key Considerations for Startups	Mr. Steven Fung (Principal Patent Attorney) Real & Complex IP Services Limited (HK)	12	Hybrid	UGA
4	9-Aug-24	AAO Happy Hour: Unlocking \$100m Potential	Mr. Nicholas Chan	100	Physical	InnoPort, CUHK
5	16-Aug-24	Business Training Workshop for RAISE+	Mr. Derek Kwik (Managing Advisors of DGBY Advisors Group)	28	Face-to-face	WMY, CUHK
6	23-Aug-24	Business Training Workshop for RAISE+ (2)	Mr. Derek Kwik (Managing Advisors of DGBY Advisors Group)	26	Face-to-face	WMY, CUHK
7	29-Aug-24	Social Impact Academy Webinar Series: From Courtroom to Community: An Unconventional Path from Lawyer to Social Changemaker	Lamia Sreya Rahman/Co-Founder, Seekr	30	Online	Zoom
8	30-Aug-24	Business Training Workshop for RAISE+ (3)	Mr. Derek Kwik (Managing Advisors of DGBY Advisors Group)	22	Face-to-face	WMY, CUHK
9	10-Sep-24	DGBY Meet-up Session	DGBY x Prof Ren Hongliang	/	Face-to-face	
10	11-Sep-24	ZhenFund x PI Centre Startup Talk - Riding the Waves of Innovation	Mr. Yujun WU Mr. Tianyi Qin (Principal of ZhenFund)	around 100	Face-to-face	CYT, CUHK
11	12-Sep-24	Crack the Code to Startup Success in Southeast Asia!	Mr. Khairul Rusydi Mr. Basil Cheung	15	Physical	InnoPort, CUHK
12	12-Sep-24	DGBY Meet-up Session	DGBY x Prof Wayne Lee and Prof Michael Tong	/	Face-to-face	3B
13	11,12,13-Sep-24	CUHK Art Fair	PI Centre and EPIN	/	Face-to-face	The University Mall, CUHK
14	19-Sep-24	DGBY Meet-up Session	DGBY x Prof Raymond Tong and Prof Jonathan Choi	/	Face-to-face	3B
15	20-Sep-24	CUHK Innovation Day	ORKTS	/	Face-to-face	YIA, CUHK
16	24-Sep-24	DGBY Meet-up Session	DGBY x Prof Hui Zhao	/	Face-to-face	3B
17	26-Sep-24	DGBY Meet-up Session	DGBY x Prof Natalie Wong and Prof Prof PeiFeng Ma	/	Face-to-face	3B
18	27-Sep-24	TSSSU 2025-26 information Session	ORKTS	60	Online	/

Annex VIII – List of Knowledge Transfer Seminar and Events organised by ORKTS (Con't)

Knowledge Transfer Seminars/Events organised by ORKTS

For the period from 1 July 2024 to 30 June 2025

No.	Date	Title	Speaker(s)	Participants	Mode	Venue
19	3-Oct-24	InnoPort X CUHK School of Journalism and Communication: Innovate & Elevate with New Gen Creative - Marketing Consultation for Startups@InnoPort	Mr. Basil Cheung, Students from Master of Advertising	60	Physical	InnoPort, CUHK
20	8-Oct-24	DGBY Meet-up Session	DGBY x Prof Li Yu, Prof Ng Siew, Prof Lu Yi-Chun and Prof Kwok Kai-wai	/	Face-to-face	3B
21	9-Oct-24	DGBY Meet-up Session	DGBY x Prof Qin Ling, Prof Zhou RenJie, Prof Choi Jonathan, Prof Lee Pak-Ching Patrick and Prof. Ma Peifeng	/	Face-to-face	3B
22	16-Oct-24	KPF Info Session	ORKTS			
23	16-Oct-24	KPF 2024-25 Information Session cum Talk - Bridging Research and Social Impact: Perspectives from Practitioner and Catalyst in Social Innovation	Prof Catherine So/Department of Educational Psychology, CUHK Ryre Tam/Senior Management Services Officer, Digital Policy Office, Innovation, Technology and Industry Bureau	70	Online	Zoom
24	23-Oct-24	SKPF Info Session	ORKTS			
25	23-Oct-24	S-KPF 2024-25 Information Session cum Talk - Navigating the Path from Research to Social Impact: Leveraging the Power of Sign Bilingualism	Prof Gladys Tang/Department of Linguistics and Modern Languages, CUHK Raymond Wong/General Manager, SLCO Community Resource	20	Online	Zoom
26	24-Oct-24	Mixer Programme - Formation of Business Concept	CUHK PI Centre, The Hang Seng University of Hong Kong and HKSTP Techathon	20	Face-to-face	The Hang Seng University of Hong Kong

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Knowledge Transfer Seminars/Events organised by ORKTS

For the period from 1 July 2024 to 30 June 2025

No.	Date	Title	Speaker(s)	Participants	Mode	Venue
27	1-Nov-24	<p>InnoPort X inno330: Caring Barista Program 社創及起動資金講座</p> <p>InnoPort partnered with CUHK café inno330, a social enterprise, to launch the two-month “Caring Barista” Program, which combined social innovation with hands-on learning. The program trained 25 students in café operations, introduced them to funding resources and sustainability principles, and included a unique experience where they served as “One-day Store Managers” alongside inno330 staff. This partnership provided practical learning opportunities while raising social awareness and supporting inno330’s mission.</p>	Representatives from Office of Student Affairs, Lee Woo Sing College, MakerBay Foundation, HKSEC, Venture Acceleration Team	60	Physical	InnoPort, CUHK
						
28	1-Nov-24	【Pitch to Win】Creating Stand-Out Pitch Decks and Pitching	CUHK PI Centre, The Hang Seng University of Hong Kong and HKSTP Techathon	14	Face-to-face	UGA
29	26-Nov-24	How to Protect Your Inventions: Patent 101 & Patent Funding Support at CUHK	Ms. Jennifer Che, President & Managing Director of EAGLE IP	60	F2F	UGA, Innoport
30	2-Dec-24	InnoPort x inno330: Caring Barista Program - 1 Day Shop Manager (02-05 Dec 2024))	Representatives from New Life Psychiatric Rehabilitation Association	50	Physical	InnoPort, CUHK, inno330, CUHK

Annex VIII – List of Knowledge Transfer Seminar and Events organised by ORKTS (Con't)

Knowledge Transfer Seminars/Events organised by ORKTS

For the period from 1 July 2024 to 30 June 2025

No.	Date	Title	Speaker(s)	Participants	Mode	Venue
31	4-Dec-24	<p>InnoPort X CUHK School of Journalism and Communication: Innovate & Elevate with New Gen Creative – 從創業夢到微網紅明星：KOL營銷的未來</p> <p>The “Innovate & Elevate with New Gen Creative—Marketing Consultation for Startups@InnoPort” showcased the successful collaboration between ORKTS and the CUHK School of Journalism and Communication. Master's students in Advertising worked in five InnoPort Startup teams for 2 months, providing diverse cultural perspectives and marketing expertise to develop tailored strategies for each startup. This program allowed students to apply classroom theories to real business challenges, bridging academic knowledge with practical needs of startups, benefiting both the student consultants and the entrepreneurs.</p>	Ms Winnie Lee	40	Physical	InnoPort, CUHK
						
32	17-Dec-24	AILINK Meet-up Session	AILINK x Prof Liu Yunhui and Prof Yan Zhenyu	/	Face-to-face	3B
33	19-Dec-24	Festive Fusion - CUHK x EdUHK Christmas Mixer	CUHK PI Centre and The Education University of Hong Kong (EdUHK)	50	Face-to-face	UGA
34	4-Jan-25	SEN with You HK SEN Training Workshop	CUHK PI Centre and Sen with You student startup	20	Face-to-face	UGA
35	13-Jan-25	CUPress x InnoPort x Morningside College: The book talk of Future Needs Wisdom by Prof. Helga Nowotny	Prof. Helga Nowotny	50	Physical	InnoPort, CUHK
36	15-Jan-25	Early disease screening by AI imaging analysis of non-contrast CT scan	Prof. Le Lu, AEF and Alibaba Damo Academy	/	Face-to-face	3B
37	16-Jan-25	RAISE+ Sharing Workshop (morning session)	ORKTS	18	Face-to-face	UGA

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Knowledge Transfer Seminars/Events organised by ORKTS

For the period from 1 July 2024 to 30 June 2025

No.	Date	Title	Speaker(s)	Participants	Mode	Venue
38	16-Jan-25	RAISE+ Sharing Workshop (afternoon session)	ORKTS	23	Face-to-face	PWH hospital
39	16-Jan-25	NVLT matching session - 21 st Round PI Teams	CUHK PI Centre and NVLT (Faculty of Law)	38	Face-to-face	UGA
40	17-Jan-25	Finale Presentation for Caring Barista	Representatives from New Life Psychiatric Rehabilitation Association	20	Physical	InnoPort, CUHK, ino330, CUHK
41	28-Feb-25	<p>InnoPort 5th Anniversary Party</p> <p>InnoPort commemorated its 5th anniversary with a lively celebration, bringing together entrepreneurs, educators, students, alumni, and industry leaders to honour its commitment to fostering innovation and entrepreneurship. The event provided a dynamic platform for networking, collaboration, and the exchange of ideas, reinforcing InnoPort's role as a hub for the entrepreneurial community. The celebration not only reflected on past achievements but also looked ahead to future collaboration through InnoPort's expanding network of strategic alliances.</p>	Ms Irene Au, Mr. Louis Hou, Prof Benny Zee	100	Physical	InnoPort, CUHK
42	11-Mar-25	Boundless Dreams: A Sharing Session on Sign Language Education, Social Entrepreneurship, and Pursuing Dreams	<p>Prof Gladys Tang/Department of Linguistics and Modern Languages, CUHK</p> <p>Fiona Wat/Producer of The Way We Talk</p> <p>Raymond Wong/General Manager, SLCO Community Resource</p> <p>Gloria Shum/Sign Bilingual Instructor, SLCO Community Resource</p>	40	Physical	UGA, InnoPort



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Knowledge Transfer Seminars/Events organised by ORKTS

For the period from 1 July 2024 to 30 June 2025

No.	Date	Title	Speaker(s)	Participants	Mode	Venue
43	13-Mar-25	Startup 101: From Idea to Execution	ORKTS	21	Hybrid	CYT, CUHK
44	21-Mar-25	國家重點研發計劃顛覆性技術創新重點專項2024	JJJ National Center	60	Face-to-face	LSK, CUHK
45	24-Mar-25	CUHK X Alibaba Damo Academy Idea Exchange on Medical AI & Imaging	ORKTS and Alibaba Damo Academy	24	Face-to-face	UGA
46	25-Mar-25		ORKTS and CUHK FNO	17	Hybrid	UGA, CUHK
47	26-Mar-25	ORKTS Mini-Symposium Maximizing AI Research Potential with AI Supercomputing: Opportunities and Strategies with AISS	Dr Crystal Fok, Prof. Zhenyu Yan, Prof. Xi CHEN, Prof. Elvis Chui, Prof Benny Zee	30	Physical	InnoPort (CUHK)
						
48	27-Mar-25	InnoPort Marketing and Branding Academy (MBA) Master Class #1 "Navigating the New Media Landscape of Gen Z & Alpha: Threads, TikTok, Xiaohongshu, YouTube and SEO Strategies"	Mr. Sammy Chan, Mr. Basil Cheung	50	Physical	InnoPort, CUHK
49	27-Mar-25	TSSSU 2025-26 Briefing Session	ORKTS	40	Online	/
50	30-Mar-25	SEN with You HK SEN Training Workshop	CUHK PI Centre and Sen with You student startup	23	Face-to-face	UGA
51	31-Mar-25	CUHK Innovation Summit	CUIL and ORKTS	around 200	Face-to-face	CYT, CUHK

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Knowledge Transfer Seminars/Events organised by ORKTS

For the period from 1 July 2024 to 30 June 2025

No.	Date	Title	Speaker(s)	Participants	Mode	Venue
52	7-Apr-25	<p>ORKTS Entrepreneurship Support Fair 2025 (07-09 April 2025)</p> <p>The three-day Entrepreneurship Support Fair offered students and staff valuable resources and inspiration through various activities, including booths on funding opportunities, competitions, and educational programs from ORKTS and partners. The event featured a “Happy Lunch Hour” speaker series with experts discussing sustainable food technology, balancing economic growth with environmental conservation, and new approaches to artist entrepreneurship in the digital age. By linking ideas with action, the fair empowered participants to turn inspiration into real ventures, showcasing ORKTS's commitment to promoting innovation.</p>	Mr. Edmund Chan, Dr Victor Lau, Ms Jojo Kwok, Mr. Matt Chak, Dr Apple Chui, Prof Ho Kin Chung, Ms Tina Vu, Mr. Raymond Chu, Prof. Melody Yiu, Dr. Sze Wai Veera Fung, Mr. Stanley Yeung, Mr. Jayson Chan, Ms Irene Au	200	Physical	Commercial Bookstore (CUHK)
						
53	11-Apr-25	IdeaBooster Fund 2025-26 Information Session	ORKTS	43	Online	/
54	17-Apr-25	PI Programme Information Session	ORKTS	25	Online	/
55	3-May-25	CUHK PI CENTRE x OCEAN - Startup Party	CUHK PI CENTRE	35	Face-to-face	UGA
56	12-May-25	Impact Measurement and Management (IMM) Learning Series - Why Real-World Impact Matters: IMM Introductory Webinar	Prof Catherine So/Department of Educational Psychology, CUHK Natalie Chan/Managing Director, PIE Strategy James Chan/Co-Founder and Senior Consultant (Sustainable Transformation), PIE Strategy	30	Online	Zoom

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Knowledge Transfer Seminars/Events organised by ORKTS

For the period from 1 July 2024 to 30 June 2025

No.	Date	Title	Speaker(s)	Participants	Mode	Venue
56	12-May-25	Impact Measurement and Management (IMM) Learning Series - Why Real-World Impact Matters: IMM Introductory Webinar	Prof Catherine So/Department of Educational Psychology, CUHK Natalie Chan/Managing Director, PIE Strategy James Chan/Co-Founder and Senior Consultant (Sustainable Transformation), PIE Strategy	30	Online	Zoom
57	16-May-25	Impact Measurement and Management (IMM) Learning Series - IMM Essentials: Taster Class	Natalie Chan/Managing Director, PIE Strategy James Chan/Co-Founder and Senior Consultant (Sustainable Transformation), PIE Strategy	20	Physical	UGA, InnoPort
58	20-May-25	Recycling Fund Info Session	Mr. Sam Lee (Head of Recycling Fund Secretariat)	9	Online	/
59	23-May-25	Startup 101: A Journey through Product Realization	Dr. Cathy Jim (Director of RHT NCOO Group)	11	Face-to-face	UGA
60	28-May-25	HKSTP Co-ideation Programme Interview	HKSTP x ORKTS x CUHK PI Centre	/	Face-to-face	3B
61	30-May-25	InnoPort Marketing and Branding Academy (MBα) Master Class #2 "How to make yourself famous"	Mr. Basil Cheung, Ms Deon Wong	35	Physical	InnoPort, CUHK



Annex VIII – List of Knowledge Transfer Seminar and Events organised by ORKTS

Knowledge Transfer Seminars/Events organised by ORKTS

For the period from 1 July 2024 to 30 June 2025

No.	Date	Title	Speaker(s)	Participants	Mode	Venue
62	30-May-25	Startup 101: Key Corporate Structures and Legal Insights	Mr. Dillan Sum (Solicitor)	17	Face-to-face	CYT 202, CUHK
63	2-Jun-25	Impact Measurement and Management (IMM) Learning Series - Managing for Impact: IMM in Practice Workshop Series (Workshop 1)	Natalie Chan/Managing Director, PIE Strategy James Chan/Co-Founder and Senior Consultant (Sustainable Transformation), PIE Strategy	30	Physical	Room 214, Cheng Yu Tung Building
64	5-Jun-25	香港中文大學 x 創橋投資 產學研1+計劃分享會	創橋投資	26	Face-to-face	UGA
65	13-Jun-25	Huawei Webinar Series On-site Training: Building a Resume Optimizer with DeepSeek	CUHK PI Centre x Huawei	19	Face-to-face	UGA
66	16-Jun-25	Impact Measurement and Management (IMM) Learning Series - Managing for Impact: IMM in Practice Workshop Series (Workshop 2)	Natalie Chan/Managing Director, PIE Strategy James Chan/Co-Founder and Senior Consultant (Sustainable Transformation), PIE Strategy	30	Physical	UGA, InnoPort
67	20-Jun-25	Startup 101: Business Model Validation	Mr. Wilson Tai (Co-founder and COO, FundFluent)	16	Face-to-face	UGA
68	23-Jun-25	Impact Measurement and Management (IMM) Learning Series - Managing for Impact: IMM in Practice Workshop Series (Workshop 3)	Natalie Chan/Managing Director, PIE Strategy James Chan/Co-Founder and Senior Consultant (Sustainable Transformation), PIE Strategy	30	Physical	UGA, InnoPort
69	30-Jun-25	Impact Measurement and Management (IMM) Learning Series - Managing for Impact: IMM in Practice Workshop Series (Workshop 4)	Natalie Chan/Managing Director, PIE Strategy James Chan/Co-Founder and Senior Consultant (Sustainable Transformation), PIE Strategy	30	Physical	UGA, InnoPort

Annex X - List of TSSSU Companies in 2024/25

No.	Year of Establishment	Initial Funding Year	Company	Person in charge / Principal Investigator - Name and affiliations (Position, Faculty, Department)
1	2019	2019	Loop Sports Technology Co., Limited 樂普體育科技有限公司	Mr. Sherman Chu Chun Man (CUHK Graduate), Faculty of Business Administration
2	2020	2021	Golden Biotech Limited 高爾頓生物科技有限公司	Prof. Yangchao Chen, School of Biomedical Sciences, Faculty of Medicine
3	2021	2022	ThingX Technologies Limited 物啟科技有限公司	Prof. Xing Guoliang, Department of Information Engineering, Faculty of Engineering
4	2021	2022	Ynno Med Limited 元美藥業有限公司	Prof. Xiao Yang, Department of Microbiology, Faculty of Medicine
5	2021	2023	OriGene DNA Testing Company Limited 康源分子鑒定檢測有限公司	Prof. Shaw Pang Chui, School of Life Sciences, Faculty of Science
6	2022	2022	Precision Cut Limited 精準醫療有限公司	Prof. Chen Shih-Chi, Department of Mechanical and Automation Engineering, Faculty of Engineering
7	2022	2022	O-Spheres Limited 奧圓科技有限公司	Prof. Ngai To, Department of Chemistry, Faculty of Science
8	2022	2023	Hope4Care Limited 酷生命科技有限公司	Prof. Tong Kai Yu Raymond, Department of Biomedical Engineering, Faculty of Engineering
9	2022	2023	SOTA Robotics (HK) Limited 時宜機械人科技(香港)有限公司	Prof. Chen Fei, Department of Mechanical and Automation Engineering, Faculty of Engineering
10	2022	2023	Astra Optics Limited 馭光科技有限公司	Mr. Charudatta Achyut Datar (CUHK Postgraduate), Department of Mechanical and Automation Engineering, Faculty of Engineering
11	2022	2023	Gut Rhythm R&D (Hong Kong) Limited 腸律藥理智研(香港)有限公司	Prof. Rudd John Anthony, School of Biomedical Sciences, Faculty of Medicine
12	2022	2023	ACE NanoMed Limited 頂尖納米醫療有限公司	Prof. Tsang Chi Man Anna, Department of Anatomical and Cellular Pathology, Faculty of Medicine
13	2022	2023	EvanSense Limited 卓識傳感有限公司	Prof. Ong Hock Chun Daniel, Faculty of Science, Department of Physics
14	2023	2023	Centri Medical Limited	Prof. Ho Ho Pui Aaron, Faculty of Engineering, Department of Biomedical Engineering
15	2023	2023	Rare Power Limited 罕動力有限公司	Prof. Chan Ho Yin Edwin, School of Life Sciences, Faculty of Science
16	2024	2024	Provectus Therapeutics Limited	Mr. To Sai Shing Tony (CUHK Alumni), Department of Computer Science and Engineering, Faculty of
17	2024	2024	Asuka Life Technology Limited 明日加生命科技有限公司	Prof. Xu Dongyan, Department of Mechanical and Automation Engineering, Faculty of Engineering
18	2024	2024	CU-Craft Limited 中大智航有限公司	Prof. Chen Xi, Department of Mechanical and Automation Engineering, Faculty of Engineering
19	2024	2024	Vocofy AI Limited 聲能科技有限公司	Prof. Lee Tan, Department of Electronic Engineering, Faculty of Engineering
20	2024	2024	ReHarmony Limited 環融有限公司	Prof. Chen Chun, Department of Mechanical and Automation Engineering, Faculty of Engineering
21	2024	2024	Rodeep Limited 柔遠科技有限公司	Prof. Ren Hongliang, Department of Electronic Engineering, Faculty of Engineering
22	2024	2024	ExoTechHK Limited 新鴻動力科技有限公司	Prof. Liao Wei-Hsin, Department of Mechanical and Automation Engineering, Faculty of Engineering
23	2024	2024	Curve Robotics Limited 科微醫療機器人有限公司	Prof. Cheng Shing Shin, Department of Mechanical and Automation Engineering, Faculty of Engineering
24	2024	2024	Illumos Limited 醫路明有限公司	Prof. Lai Hei Ming, Department of Chemical Pathology, Faculty of Medicine
25	2024	2024	Mag Med Biotech Limited 鎂縵生科股份有限公司	Prof. Xu Jiankun, Department of Orthopaedics and Traumatology, Faculty of Medicine
26	2024	2024	PregnaSense Co., Limited	Prof. Poon Liona Chiu-Yee, Department of Obstetrics and Gynaecology, Faculty of Medicine
27	2024	2024	PharmaEase Tech Limited 藥容科技有限公司	Prof. Xu Lei, Department of Physics, Faculty of Science
28	2024	2024	Robozyme Limited	Prof. Michael Kenneth Chan, School of Life Sciences, Faculty of Science
29	2024	2024	PrivacyPro Medical Technology Limited 唯名醫療科技有限公司	Prof. Chen Weitian, Department of Imaging and Interventional Radiology, Faculty of Medicine
30	2024	2024	Li-Tex Company Limited 織鋰新能源有限公司	Prof. Li Quan, Department of Physics, Faculty of Science

Annex XI - List of IdeaBooster Fund project in 2024-25

Completed projects		
1	IDBF24ENG03	Field Deployable Electro-Optic Comb Source for Multi-Species Gas Sensing
2	IDBF24ENG05	Closed liquid diode from microfluidics for medical tube
3	IDBF24ENG07	Video to Music Generation with Large Language Models
4	IDBF24ENG08	KangarooBot: A Robotic System for Efficient and Sanitary Collection of Poisoned Rodent Carcasses
5	IDBF24MED12	Magnesium-containing core-shell subunits for enhancing tendon-bone junction healing
6	IDBF24SCI17	Fabrication of light-activated and transparent anti-fog film using photothermal nanomaterials
Projects in progress		
1	IDBF24ENG02	An "electronics-free" control strategy for pneumatic rehabilitative devices
2	IDBF24ENG04	Prototyping physical reservoir computing for BCI signal processing
3	IDBF24ENG06	RNA Drug Design Based on 3D Structure and High Protein Binding Affinity
4	IDBF24MED10	Mechanically and biochemically active dressing promotes diabetic skin wound repair
5	IDBF24MED11	Cell-on-Chip Array for High Throughput Diagnostics of Food Allergy
6	IDBF24MED13	A Novel CAR-T Design Based on "AND-NOT" Proteinase-based Logic Gate to Avoid On-target Off-tumor Toxicity
7	IDBF24MED14	Iron chelator antibody-drug conjugate as a treatment strategy for drug-resistant cancers
8	IDBF24MED15	Passive sensing and detection of mood features using affective computing technology
9	IDBF24SCI16	E-Fuels production from CO2 and renewable electricity
10	IDBF24SCI18	A non-destructive and expandable technology to evaluate biological nitrogen fixation
11	IDBF24SCI19	A green solution to agriculture: Development of eco-friendly biochar and validation in local crop productions
12	IDBF24SSC20	Impact of In-between Space Regeneration on Older Adults' Activities in High-density Neighbourhoods: Evidence from Shui Pin Wai Estate in Hong Kong
13	IDBF24MED21	Multiphoton Microfabrication and Micropatterning (MMM) Platform-generated Micropatterns for Gene Delivery in Stem Cells

Total 19 Projects

Annex XII – List of Sustainable Knowledge Transfer Project Fund (S-KPF) project in 2024-25

No.	Project Code	Company	Nature of Business
1	SKPF23QED02	Learniversity Limited	To provide innovative technology-supported pedagogical solutions for education practitioners to enhance learning and teaching quality, and bring substantial positive impact in the education community by making virtual field trips more accessible, affordable and sustainable.
2	SKPF24REP01	Vocofy AI Limited	To provide innovative and technology-based solutions and services to address the needs of people with communication disabilities and develop software applications that help vocally stricken patients regain the ability of speaking.
3	SKPF24GWP02	Hayley Hand Care Company Limited	To provide home-based hand and nail care services to community-dwelling people with hand spasticity resulting from a range of neurological conditions including but not limited to stroke, spinal cord injury, multiple sclerosis, cerebral palsy, brain or head trauma, and hereditary spastic paraplegias.
4	SKPF24QED03	SouLight Spiritual Education Centre Hong Kong Limited	To create genuine and meaningful connections between peoples, fostering a spirit of empathy, understanding, and mutual respect; and cultivate vibrant communities where well-being takes centre stage.
5	SKPF25GWP01	ACTuWISE Limited	To provide evidence-based ACT therapy and digital solutions to support the mental well-being of caregivers of children with SEN, while enhancing sector capacity through professional training and NGO collaborations for accessible and sustainable support.

Annex XIII – Knowledge Transfer Project Fund (KPF) Project List in 2024-25

KPF - Projects in progress		
No.	Project Code	Project Title
1	KPF23GWP13	Transferring research output to benefit the community: Production of a Computerized Adaptive Test on Receptive Vocabulary for Preschoolers
2	KPF23GWP20	Embodied Conversational Agent (ECA) on Mental Health with Humanoid Robot for Child Well-being Therapy
3	KPF23GWP21	Fit & Active Retirement: A mobile-based, combined coach- and peer-led physical function programme for young-old retirees
4	KPF23REP24	Promoting Deaf Access to Justice: Legal Basics in Hong Kong Sign Language
5	KPF23SCC27	Beach Clean-up Workshop x Design Thinking Training x Cross-cultural Environmental Film Screening
6	KPF23GWP33	Enhancing Mental Health of the Deaf Community in Hong Kong (Phase 2)
7	KPF23GWP38	Navigate the Complexities of Rare Diseases: A community-academic partnership program on co-creating a patient journey visualization toolkit
8	KPF24GWP02	Arrhythmia detection by smart devices
9	KPF24GWP05	Research and development of magnesium-incorporated bioartificial ligament
10	KPF24GWP07	WHY soft meals? Raising awareness for indications and benefits of soft meals in older adults?
11	KPF24REP08	Tech-Infused Prosperity: Leveraging Behavioral Insights for Empowered Financial Decisions
12	KPF24GWP11	Computer Use for Seniors on Mood Improvement and Logic Enhancement (CU-SMILE)
13	KPF24GWP13	Promotion of high-fibre diet and synbiotics to manage overweight and obesity with support of social media and online platforms
14	KPF24SCC15	"Hou2" Living Gallery: Co-creating Age-friendly Neighbourhood in Hong Kong's Private Housing Estate
15	KPF24GWP16	Personalised stroke self-management support by trained lay and peer volunteers
16	KPF24CHP17	Start-up Space for Aspiring Musician: connecting culture and urban space through resource matching platform
17	KPF24GWP18	Utilizing Telemedicine and Mobile Health Platform in Facilitating Acute Heart Failure Treatment
18	KPF24GWP21	A personalised health coach with wearable technologies for intensive lifestyle intervention in prediabetes
19	KPF24GWP24	"One Mindfulness Practice a Day, Keeps the Doctor Away" – Facilitating Mindfulness in Everyday Living Through a Mobile App
20	KPF24REP25	Empowering Youth from Underprivileged Community: Enhancing Programming Skills and Mathematical Knowledge for STEM Teaching and Learning
21	KPF24GWP27	Culturally adapted sleep intervention - A brief online sleep intervention tailored to South Asian population in Hong Kong
22	KPF24SCC28	Understanding Natural Hazards: From Peer Reviewed Publications to Digital Animated Videos in Social Media
23	KPF24REP29	ModuLimb Ecosystem: Wearable Orthotic Upper-Limb Assistive Devices
24	KPF24GWP30	Personalized voluntary services and information dissemination for rare disease patients

Annex XIII – Knowledge Transfer Project Fund (KPF) Project List in 2024-25 (Con't)

KPF - Projects in progress		
No.	Project Code	Project Title
25	KPF24GWP33	Education, Screening and rehabilitation of the vestibular system in Older Adults
26	KPF25GWP02	Promoting Autism Parenting Intervention (PAPI)
27	KPF25GWP10	Preventing head injury during falls in older adults in care homes through an innovative protective headgear
28	KPF25III11	One-Step Production of Enzyme Catalysts for the Green Transformation to Sustainable Chemical Manufacturing
29	KPF25REP15	Extending the CUHK Multilingual Vocabulary E-Platform: Enhancing Learning Cantonese as an Additional Language and Maintaining Home (Heritage) Language
30	KPF25SCC18	Experiential and Interactive Theatre for Spiritual Growth and Social Cohesion
31	KPF25QEP20	Reinvigorating Science Education with Forefront Research
32	KPF25GWP32	XoBrace: Design of Bionic Brace for Cerebral Palsy Children Standing and Walking Training
33	KPF23GWP33	Enhancing Mental Health of the Deaf Community in Hong Kong (Phase 3)
34	KPF25SCC41	Social Integration of Older Adults in Cross-border Ageing from Hong Kong to Mainland China
35	KPF25QEP42	Coral Connects: Enhancing Ocean Literacy in Hong Kong through Multimedia Learning
36	KPF25REP45	Healing with Exercises: Group-Based Physical Activities Intervention to facilitate symptoms control in Children with Attention-Deficit-Hyperactivity Disorder (ADHD)
37	KPF25GWP47	Empowering Older Patients with Hypertension/Diabetes: Co-producing Patients Decision Support Aids for Equitable and High-value Healthcare
38	KPF25GWP50	Harnessing Just-in-Time Adaptive Forest Bathing Interventions for Enhancing Mental Health and Well-being
39	KPF25REP56	Smart Piano Self-Learning System for Community Living Rooms