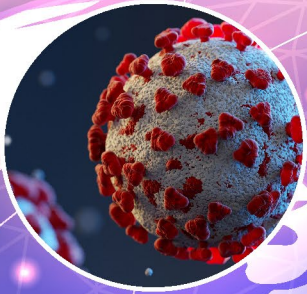




HEALTH NEWS 健訊

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今期《健訊》介紹香港理工大學（理大）醫療及社會科學院的最新成就與發展，重點介紹學院的多元化及跨學科協作，分享具啟發性的研究、卓越的學術成就及饒富意義的社區參與，內容包括教職員和學生的傑出表現、應對社會挑戰的創新項目，以及讓學院拓展本地和全球影響力的合作計劃。此外，本刊亦帶來活動預告、獎項及夥伴協作的最新資訊，印證學院對追求卓越學術領導地位及貢獻社會的堅定承諾。無論您是學生、教職員、校友或合作夥伴，將能透過今期《健訊》深入了解學院的豐富學術生活和前瞻精神。

In this latest edition of Health News, readers will learn about the newest achievements and developments within the Faculty of Health and Social Sciences (FHSS) at The Hong Kong Polytechnic University (PolyU). This issue highlights the diverse and interdisciplinary work of our faculty, featuring inspiring research, academic excellence, and meaningful community engagement. You will find stories showcasing faculty and student accomplishments, innovative projects addressing social challenges, and collaborations that extend our impact locally and globally. The newsletter also provides updates on upcoming events, awards, and partnerships that reflect our commitment to academic leadership and societal contributions. Whether you are a student, staff member, alumnus, or partner, this newsletter offers valuable insights into the vibrant intellectual life and forward-thinking spirit of FHSS.

目錄 Contents

02

獎項殊榮
RECOGNITIONS

10

學院消息
FACULTY NEWS

15

學系消息
DEPARTMENTAL NEWS



揚威第51屆瑞士日內瓦「國際發明展」 Success at 51st International Exhibition of Inventions Geneva



醫療及社會科學院於今年3月舉行的第51屆瑞士日內瓦「國際發明展」勇奪7項殊榮。這項卓越成就充分展現了學院致力於推動跨學科研究，並將創新理念轉化為切實可行應用的堅定決心。



FHSS researchers received seven prestigious awards at the 51st International Exhibition of Inventions in Geneva in March 2026. This impressive accomplishment reflects FHSS's strong commitment to fostering cross-disciplinary research and transforming creative concepts into effective, real-life applications.

錫比烏盧奇安 – 布拉加大學特別獎
Special Prize of "Lucian Blaga"
University of Sibiu, Romania

評審團嘉許金獎
Gold Medal with
Congratulations of
the Jury

Viromids 智啟元 – 可用於眼科治療的可重複使用、低成本「病毒體源基因遞送平台」
Viromids: A Redosable, Low-Cost Gene-Delivery Platform for Ocular Therapy

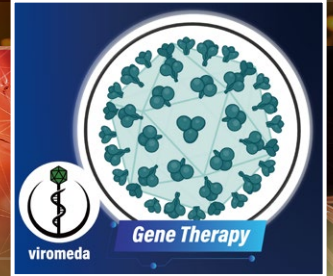
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科尼柳集團協會
特別優異獎
Special Merit Award from
CORNELIUGROUP Association

評審團嘉許金獎
Gold Medal with
Congratulations of
the Jury

oka³y! 採用人工智能輔助散光非對稱設計的個人化自由曲面角膜塑形鏡
oka³y! Personalised Freeform Orthokeratology Contact Lens with AI-guided Astigmatic Asymmetric Design

發明者 Principal Investigator

紀家樹教授
Prof. KEE Chea-su

理大胡廣佩家族眼科視光學教授、眼科視光學院主任及教授、眼視覺研究中心副總監、理大初創「香港和光科技有限公司」聯合創始人
K.B. Woo Family Professor in Optometry; Professor and Head, SO; Associate Director, Research Centre for SHARP Vision; Co-founder, GOOD Vision Technologies Co., Limited (a PolyU startup)



金獎
Gold Medal

即時控制屈光不正的自適應自由曲面眼鏡
Adaptive Freeform Eyeglass for Instant Refractive Control

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銀獎
Silver Medal

DermaScan AI

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理大醫療科技及資訊學系醫學物理與智能腫瘤學講座教授兼系主任、理大初創「放療視界有限公司」技術顧問
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馬宗銳博士
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FlavoTear 芙康舒 – 黃芩素：乾眼症新型治療方法
FlavoTear - Baicalein: A Novel Disease-Modifying Agent for Dry Eye Disease

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第五屆亞洲創新發明展覽會取得卓越表現 FHSS Shines at the 5th Asia Exhibition of Innovations and Inventions Hong Kong

 醫療及社會科學院在2025年12月4日至5日舉行的第五屆亞洲創新發明展覽會中奪得佳績，憑藉四個創新項目奪得五個獎項。該展覽會由香港出口商會與日內瓦Palexpo合辦，展出來自亞太地區逾130項創新發明作品。

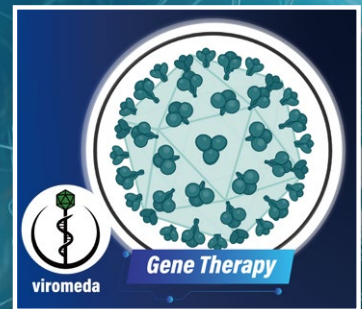
 At the 5th Asia Exhibition of Innovations and Inventions Hong Kong (AEII), held on 4–5 December 2025 at the Hong Kong Convention and Exhibition Centre, FHSS achieved remarkable success, earning five prestigious medals for four projects. AEII is co-organised by The Hong Kong Exporters' Association and Palexpo, and showcased over 130 innovations from the Asia-Pacific region.



全場總冠軍
Grand Award

評審團嘉許金獎
Gold Medal with
Congratulations of
the Jury

Viromids 智啟元 – 可用於眼科治療的可重複使用、低成本「病毒體源基因遞送平台」
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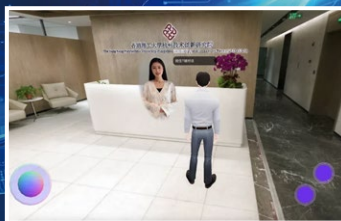
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Associate Professor, School of Pharmacy, University of Waterloo, Principal Investigator of InnoHK CEVR*



銀獎
Silver Medal

元橋平台：3DGS + 區塊鏈文化遺產平台
MetaBridge: A 3D Gaussian Splatting and Blockchain Platform for Cultural Heritage. Digital Assetisation and Immersive Experience



發明者 Principal Investigator

吳曉峰教授
Prof. Peter NG Hiu-fung

理大電子計算學系及康復治療科學系助理教授
Assistant Professor, COMP and RS

即時控制屈光不正的自動自由曲面眼鏡
Automated Freeform Eyeglass for Instant Refractive Control



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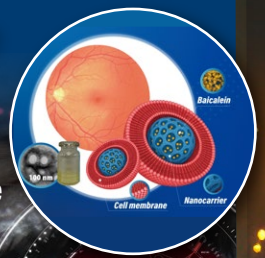
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Prof. George WOO

理大眼科視光學院榮休教授及高級顧問
Emeritus Professor and Senior Advisor, SO

仿生納米平台用於精準治療視網膜病變
Biomimetics Nanoplatform for the Treatment of Retinal Diseases



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* 眼視覺研究中心由理大和加拿大滑鐵盧大學合作成立，獲香港特區政府「InnoHK創新香港研發平台」支持的項目
InnoHK Centre for Eye and Vision Research (CEVR) is a research collaboration between PolyU and the University of Waterloo, Canada under the InnoHk initiative of the HKSAR government

COMP：電子計算學系 Department of Computing

HTI：醫療科技及資訊學系 Department of Health Technology and Informatics

RS：康復治療科學系 Department of Rehabilitation Sciences

SO：眼科視光學院 School of Optometry

2025年QS全球教學創新大獎 QS Reimagine Education Awards 2025

 醫療及社會科學院於2025年「QS全球教學創新大獎」中表現卓越，獲頒一項銀獎及一項銅獎。這個享負盛名的大獎表彰在高等教育領域中，通過創新方案改進教學和就業能力，被譽為「教育界的奧斯卡」。

 FHSS achieved remarkable recognition at the QS Reimagine Education Awards 2025, securing both a Silver and a Bronze Award. The internationally renowned QS Reimagine Education Awards recognise innovative approaches that transform teaching, learning, and employability in higher education, and are known as the "Oscars of Education".

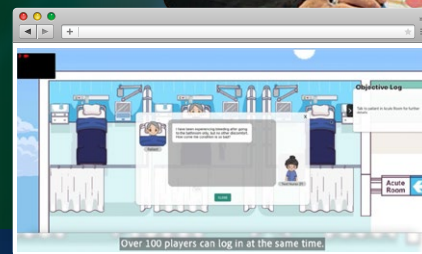


由理大康復治療科學系副教授及副主任魏佩菁教授及其團隊研發的「模擬醫學臨床教育標準化培訓」項目（SPACE）榮獲「培育就業能力」組別銀獎。該項目為高年級物理治療學學生設計，是一套臨床實習前的訓練框架，讓學生沉浸於高度還原的真實臨床環境中，對模擬病人進行評估、診斷及治療。項目同時結合本地業界專家共同設計的模擬情境，真實反映職場需求，幫助學生應對如階級架構等職場挑戰。此外，項目運用生成式人工智能構建多元案例情境，並在訓練結束後即時提供導師回饋，提升學習效果。這種全面的訓練模式大幅增強學生的臨床能力、決策技巧和適應力，助他們具備更高的專業素養和就業競爭力。

Prof. Shirley NGAI Pui-ching, Associate Professor and Associate Head at PolyU's Department of Rehabilitation Sciences, and her team received the Silver Award in the Nurturing Employability category for their project "Standardised Programme for Advancing Clinical Education" (SPACE). Designed as a pre-clinical training framework for senior physiotherapy students, SPACE immerses learners in realistic clinical settings where they assess, diagnose, and treat highly trained standardised patients. The programme also challenges students to navigate workplace dynamics, such as hierarchical structures, with scenarios co-designed by local industry experts to reflect real-world demands. GenAI is used to diversify case scenarios, and immediate feedback from teaching faculty after each session further enriches learning outcomes. This comprehensive approach significantly enhances students' clinical competency, decision-making, and adaptability, equipping them with greater professional proficiency and employability.

由理大護理學院實務副教授陳玉儀博士領導團隊研發的「vCare: 跨專業醫護教育的多玩家元宇宙遊戲」榮獲「培育價值觀及道德觀」組別銅獎。這項目基於自決理論，採用多玩家線上角色扮演遊戲形式，旨在提升學生的自主性、能力及人際連結感。在虛擬平台上，學生可獨自或組隊在可自訂的臨床環境中完成各類情境任務。遊戲設有知識檢核、排行榜及同儕認可等互動元素，支援多達100名學生同時進行小組學習，創造具活力和激勵性的學習體驗。透過匯聚不同醫療專業的學生，這項目促進跨領域協作、深化學生對各專業觀點的理解，並強化其道德立場。團隊計劃引入真實病例，進一步培養學生的同理心，推動價值導向的醫護教育。

Another team led by Dr Kitty CHAN, Associate Professor of Practice at PolyU's School of Nursing, was awarded Bronze in the Nurturing Values and Ethics category for their project "vCare: A Multiplayer Metaverse Game for Interprofessional Healthcare Education". vCare leverages self-determination theory to promote autonomy, competence, and relatedness among students through an engaging multiplayer online role-playing game. On this virtual platform, players, either individually or in teams, tackle scenario-based missions in customisable clinical environments. The game's interactive features, which include knowledge checks, leaderboards, and peer recognition, create a dynamic and motivating learning experience for up to 100 students in small-group settings. By bringing together learners from various health disciplines, vCare promotes collaboration, understanding of diverse professional perspectives, and ethical stands. Future updates, such as the inclusion of real clinical cases, are planned to further enhance empathy and promote value-driven healthcare education.



理大研究團隊於 2026 年美國消費電子展奪獎 PolyU Research Team Wins Innovation Award at CES 2026



由理大研究生院副院長、康復治療科學系教授及副系主任方乃權教授領導研發的「動力康復滑板車」，於2026年在拉斯維加斯舉行的美國消費電子展中獲頒「無障礙及長壽」組別「創新獎」，以表揚該裝置在復康技術領域的重要貢獻。

這項創新技術專為上肢功能受損的中風患者而設計，是一款便攜且價格親民的機器人系統，能有效支援居家康復治療。裝置透過引導使用者進行精準且受控的動作，促進偏癱上肢的運動功能恢復，並配備被動、輔助及阻力等多種操作模式，可應付不同階段的康復訓練需要。這款滑板車的一大特色在於內置扭矩感測器，能即時偵測使用者的主動力量，並自動調整輔助強度，確保整個復健過程中提供個人化且最佳的支援。其輕巧設計讓患者能在家中持續進行治療，減少頻繁往返診所，顯著提升復康服務的可及性與便利性。



The Powered Rehab Skateboard, developed to help stroke patients achieve better recovery by Prof. Kenneth FONG Nai-kuen, Associate Dean of PolyU's Graduate School, and Professor and Associate Head of PolyU's Department of Rehabilitation Sciences and his team, has been recognised as a CES Innovation Awards 2026 Honoree in the "Accessibility and Longevity" category at the Consumer Electronics Show in Las Vegas. This prestigious award highlights the device's significant contribution to rehabilitation technology.

Designed for stroke patients with upper limb impairment, this innovative technology is a portable and cost-effective robotic system that enables effective home-based therapy. The device supports motor recovery in hemiparetic upper extremities by guiding users through precise, controlled movements. It offers multiple operational modes, including passive, assistive, and resistive, to suit different stages of rehabilitation. A key feature of the skateboard is its integrated torque sensor, which detects the user's active force in real time and automatically adjusts the level of assistance, ensuring personalised and optimal support throughout the recovery process. Its compact design allows patients to continue therapy at home, reducing the need for frequent clinical visits and improving accessibility to rehabilitation.



康復治療學者榮獲國際腰椎研究學會 生物工程獎 Rehabilitation Sciences Scholar Wins ISSLS Bioengineering Prize



理大康復治療科學系教授黃宇樂教授及其團隊取得傑出成就，榮獲2026年國際腰椎研究學會 (ISSLS) 生物工程大獎。該獎項由全球權威的腰背痛研究組織 ISSLS 頒發，旨在表彰卓越的科學研究。

黃教授帶領其學生包括吳哲睿、孫熙珺及 Sabrina PINTO，並聯同來自亞伯特大學及拉什大學的學者合作，憑藉得獎項目「隱而不顯：機器學習輔助磁力共振成像揭示人類慢性腰痛的新型椎體生物標記」，在推進脊柱診斷技術方面取得重大進展。團隊運用先進的機器學習技術，成功找出與慢性下背痛相關、以往難以察覺的磁力共振成像生物標誌物。這項由數據驅動的研究突破，有助臨床醫生準確地識別高風險患者並提供個人化治療，進一步確立團隊在醫療創新領域的前沿地位。



In a remarkable achievement, Prof. Arnold WONG Yuk-lok, Professor at PolyU's Department of Rehabilitation Sciences and his team have won the prestigious 2026 ISSLS Prize in Bioengineering Science. Conferred by the International Society for the Study of the Lumbar Spine (ISSLS), the premier global organisation for low back pain research, this award recognises exceptional scientific excellence.

Prof. Wong spearheaded the winning project, "Hidden in Plain Sight: Machine Learning Assisted MRI Reveals Novel Vertebral Body Biomarkers of Chronic Low Back Pain in Humans." Working alongside his students, including Jeffrey NG, Xijun SUN, and Sabrina PINTO, and collaborators from the University of Alberta and Rush University, the team has made significant advancements in spine diagnostics. By harnessing advanced machine learning, they uncovered elusive MRI biomarkers linked to chronic low back pain. This data-driven breakthrough empowers clinicians to identify high-risk patients for personalised care, firmly establishing the team at the forefront of medical innovation.





護理學者躋身2025年度全球最廣獲徵引研究人員 Nursing Scholar named Highly Cited Researcher 2025



理大護理學院教授秦璟教授於科睿唯安「跨領域」類別中，被評選為「2025年度最廣獲徵引研究人員」。秦教授是理大20位獲此殊榮的學者之一。這獎項表揚具備全球重要影響力的頂尖研究人員，僅授予全球千分之一的科學家，這些學者在過去十一年間發表的多篇論文，其引用次數均位列同領域前1%。今年獲選名單涵蓋來自60個國家的6,868位學者。秦教授的入選充分印證其研究成果的深遠影響力及廣泛在國際學術聲望。



Prof. Harry QIN Jing, Professor at PolyU's School of Nursing, has been named a "Highly Cited Researcher 2025" by Clarivate Analytics in the "Cross-Field" category. Prof. Qin is one of 20 PolyU scholars to receive this prestigious distinction, which recognises researchers who have demonstrated significant global influence. The honour is reserved for the top 1 in 1,000 scientists worldwide who have authored multiple papers ranking in the top 1% by citations over the past 11 years. This year's list features 6,868 scholars from 60 countries. Prof. Qin's inclusion highlights his profound impact and the wide reach of his research in the international academic community.

嘉許環境化學領域卓越成就 Recognising Excellence in Environmental Chemistry



「James J. Morgan 青年科學家獎」是由國際期刊《環境科學與技術》、《環境科技快報》，聯同美國化學學會的環境化學分會共同頒發的年度獎項。理大醫療科技及資訊學系與土木及環境工程學系助理教授金靈教授榮膺今年四位得獎者之一。這獎項嘉許在環境科學與技術領域，開發創新研究方法的青年科學家，其研究成果承襲並推動了James J. Morgan在環境化學領域的基礎性貢獻。

金教授亦獲亞洲氣溶膠學會頒發「2025年TSI亞洲青年氣溶膠科學家獎」，以表揚他在混合毒性建模領域的推動工作，以及在揭示細懸浮微粒（PM2.5）對健康風險的化學與微生物驅動因素方面所作出的重要貢獻。



The James J. Morgan Early Career Award is an annual honour bestowed by *Environmental Science & Technology*, *Environmental Science & Technology Letters*, and the Environmental Chemistry Division of the American Chemical Society. Prof. Nathanael JIN Ling, Assistant Professor at PolyU's Department of Health Technology and Informatics and Department of Civil and Environmental Engineering, is one of four distinguished recipients. This award recognises emerging researchers who are pioneering innovative approaches in environmental science and technology, aligning with Morgan's foundational contributions to environmental chemistry.

Prof. Jin also received the 2025 TSI Asian Young Aerosol Scientist Award from the Asian Aerosol Research Assembly, recognising his contributions to advancing mixture-toxicity modelling and uncovering chemical-microbial drivers of PM2.5 health risks.



護理學者獲頒傑出老人護理教育獎 Nursing Scholar Named Distinguished Educator in Gerontological Nursing



理大護理學院實務助理教授何婉華博士獲美國哈特福德老年護理卓越中心頒發「2025傑出老人護理教育獎」。這獎項嘉許在長者護理相關的教學及課程設計上有傑出貢獻的資深護理教育工作者。隨著人口老齡化，同時具備長者護理專業知識與卓越教學能力的護理教育工作者尤為重要，這有助於培育未來護理人才對照護長者的正向態度，並在不同環境中提升長者護理的質素。



Dr Lily HO Yuen-wah, Assistant Professor of Practice at PolyU's School of Nursing, has been honoured as a 2025 Distinguished Educator in Gerontological Nursing by the National Hartford Center of Gerontological Nursing Excellence. This award recognises experienced nurse educators who have made outstanding contributions to teaching and curriculum development related to gerontological nursing. With the ageing population, it is crucial to have nurse educators who possess expertise in both gerontological care and teaching skills to foster positive attitudes and enhance the quality of gerontological care across diverse settings among the future nursing workforce.



社會科學家奪八項創新獎 膺選全球頂尖學者 Social Scientist Wins 8 Innovation Awards and Named Top Global Scholar



繼「共創成長路」賽馬會青少年培育計劃在香港成功推行後，理大協理副校長（本科生課程）、本科生學院院長、應用社會科學講座教授及利豐服務領導教育教授石丹理教授，聯同其研究團隊，包括同系的朱小琴教授及黎翔教授，與馬來西亞理科學大學 Lei Mee THIEN 博士合作展開的「抗逆力管理：互動式 P.A.T.H.S. 學習模組」項目，成功將此創新計劃推展至馬來西亞。這項目結合遊戲化與互動設計，不僅能幫助青少年培養抗逆力及正向價值觀，亦讓教育工作者能根據學生反饋，量身設計個人化的學習內容。作為「共創成長路」計劃的進階延伸，這項目為青少年心理健康教育提供創新的解決方案，近期更再連奪八項國際大獎，包括 2025 波蘭國際發明展金獎及最佳發明創作獎；由加拿大多倫多創新倡議合作社「發明家圈」、羅馬尼亞發明家論壇、波蘭 Haller Pro Inventio Foundation、摩洛哥 OFEED Inc.，以及韓國發明學院分別頒發的五項特別獎；並榮獲 2025 年法國艾菲爾國際發明競賽白金獎。

石教授亦獲 ScholarGPS 評選為 2025 年「終身高排名學者」，躋身全球頂尖 0.05% 學者之列。此項榮譽彰顯石教授在社會科學、社會工作、福祉、中國親屬關係、青少年發展及青少年醫學等領域的豐碩研究成果和領導地位。他在社會工作與中國親屬制度領域的研究更位居全球第一，充分展現其深遠的學術影響力，以及致力推動知識發展及促進社會福祉的堅定承諾。



Building on the successful implementation of the Positive Adolescent Training through Holistic Social (P.A.T.H.S.) Programme in Hong Kong, Prof. Daniel T. L. SHEK, PolyU's Associate Vice President (Undergraduate Programme), Dean of College of Undergraduate Studies, Chair Professor of Applied Social Sciences, and Li & Fung Professor in Service Leadership Education, together with his research team including Prof. Xiaoqin ZHU and Prof. Xiang LI from the same department, has partnered with Dr Lei Mee THIEN of Universiti Sains Malaysia to expand this innovative initiative to Malaysia through the "Resilience Management: Interactive P.A.T.H.S. Learning Module". Utilising gamification and interactive design, the project supports adolescents in building resilience and positive values while allowing educators to tailor learning modules based on student feedback. As an advanced extension of the P.A.T.H.S. Programme, it offers an innovative solution for youth mental health education and has recently garnered additional eight prestigious international awards, including the IWIS 2025 Gold Medal Award and Best Invention Award, Special Award from the Innovation Initiative Co-operative Inc. "The Inventors Circle" (Toronto, Canada), Romanian Inventors Forum, Haller Pro Inventio Foundation (Poland), OFEED Inc. (Morocco), Korea Invention Academy (KiA), and the PRIX EIFFEL 2025 Platinum Medal.

Prof. Shek was also named a 2025 Highly Ranked Scholar (Lifetime) by ScholarGPS, placing him among the top 0.05% of scholars worldwide. This recognition highlights his prolific research and leadership across social sciences, social work, well-being, Chinese kinship, adolescence, and adolescent medicine. His work in social work and Chinese kinship was ranked No. 1 globally, underscoring his significant academic influence and dedication to advancing knowledge and societal impact.

2025 理大最佳研究生獎 PolyU Best Research Postgraduate Student of the Year 2025



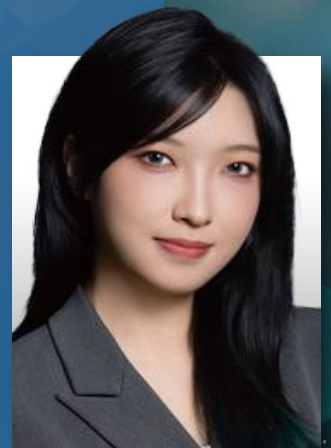
理大研究生院頒授「2025年度最佳研究生」獎項予理大眼科視光學院博士生張葳沂。她是本年度全校僅有三位獲此殊榮的博士生之一，此項殊榮旨在表揚具備探索精神，並對學界帶來重要影響的傑出研究生。

在理大眼科視光學院科研眼科學講座教授、梁顯利長者健康視覺教授何明光教授的悉心指導下，張葳沂的研究主要聚焦於多模態生成式人工智能，並應用於智能眼科影像分析。她的研究有效將複雜的前沿技術，轉化為臨床環境中切實可行的工具，推動人工智能在醫療場景中的實際應用。透過開發能促進跨模態知識整合及加強臨床決策支援的先進系統，她協助臨床醫生有效分析複雜的眼科數據，從而及早發現眼疾，守護患者視力。



The PolyU Graduate School has named ZHANG Weiyi, a PhD student from the School of Optometry, as a recipient of the prestigious "Best Research Postgraduate Student of the Year 2025" award. Weiyi is one of the three PhD students across the university to receive the award this year, and this honour recognises inquisitive researchers making a significant academic impact.

Under the expert guidance of Prof. HE Mingguang, Chair Professor of Experimental Ophthalmology (SO) and Henry G. Leong Professor in Elderly Vision Health, Weiyi focuses her research on multimodal representation learning and generative AI for intelligent ophthalmic imaging. Her research effectively translates complex technical advancements into practical, ready-to-use tools for clinical environments. By developing advanced systems that facilitate cross-modal knowledge integration and robust clinical decision support, she empowers clinicians to analyse complex ophthalmic data effectively for the early detection of eye diseases.



2025 年度全球首2% 頂尖科學家 The World Top 2% Most-cited Scientists 2025



根據史丹福大學最新發布的評量數據，理大醫療及社會科學院共有32位學者躋身「全球首2%頂尖科學家」排行榜。這個權威排行榜基於論文影響力的綜合指標編製而成，當中包括總獲徵引次數、獨著論文的獲徵引次數以及H指數等。排行榜涵蓋22個學術領域及174個子領域，並分為「學術生涯引文影響力」及「年度引文影響力」兩大類別，表彰學者們的長期貢獻與近期傑出研究。



FHSS is proud to have 32 scholars ranked among the world's top 2% most-cited scientists, according to the newly released metrics compiled by Stanford University. This prestigious list is based on composite indicators of publication impact, including total citations, citations of single-authored publications, and the H-index. Covering 22 subject fields and 174 sub-fields, the ranking is divided into two categories: career-long citation impact and single-year citation impact. This distinction recognises both the sustained, long-term contributions and the recent influential research achievements of these outstanding scholars.



岑浩強教授
Prof. David SHUM



蔡璟教授
Prof. CAI Jing



陳高凌教授
Prof. Edward K.L. CHAN



何明光教授
Prof. HE Mingguang



葉社平教授
Prof. YIP Shea Ping



章偉雄教授
Prof. ZHANG Weixiong



白雪教授
Prof. Xue BAI



陳涓教授
Prof. Juan CHEN



秦璟教授
Prof. Harry QIN



仇安琪教授
Prof. QIU Anqi



黃宇樂教授
Prof. Arnold WONG



余其殷教授
Prof. Benjamin YEE



Prof. Jed MONTAYRE



倪飛雲教授
Prof. Vivian NGAI



楊穎輝教授
Prof. Jerry YEUNG



張綽芝教授
Prof. Teris CHEUNG



胡祥恩教授
Prof. Xiangen HU



彭耀宗教授
Prof. Marco PANG



石丹理教授
Prof. Daniel T.L. SHEK



曾永康教授
Prof. Hector TSANG



方乃權教授
Prof. Kenneth FONG



梁綺雯教授
Prof. Angela LEUNG



雷逸華教授
Prof. Justina LIU



伍尚美教授
Prof. Shamay NG



周雷教授
Prof. ZHOU Lei



陳慧玲教授
Prof. Jenny CHAN



何穎嘉教授
Prof. Grace HO



靳清揚教授
Prof. Karita KAN



Dr Shahnawaz ANWER



陳燕先博士
Dr CHEN Yanxian



李晶晶博士
Dr Kim LI



尚現文博士
Dr SHANG Xianwen

2025 年傑出校友獎 Outstanding Alumni Award 2025



「傑出校友獎」旨在表彰於所屬專業領域成就斐然、積極支持母校發展，並對社會作出重大貢獻的理大畢業生。衷心祝賀三位校友榮獲此項殊榮！



The Outstanding Alumni Award recognises distinguished PolyU graduates who have achieved excellence in their fields, actively supported their alma mater, and made meaningful contributions to the broader community. Congratulations to the three remarkable recipients of this prestigious honour!

傑出理大校友獎 Outstanding PolyU Alumni Award

黃國興先生, CSDSM
Mr Eddie WONG Kwok-hing, CSDSM

中華人民共和國香港特別行政區政府懲教署署長
Commissioner of Correctional Services,
The Government of the Hong Kong Special Administrative Region of the People's Republic of China



理大醫療及社會科學院傑出校友獎 Outstanding Alumni Award of PolyU Faculty of Health and Social Sciences

胡嘉麒教授
Prof. William WU Ka-kei

香港中文大學麻醉及深切治療學系非臨床教授
Professor (non-clinical), Department of Anaesthesia and Intensive Care,
The Chinese University of Hong Kong



理大醫療及社會科學院傑出青年校友獎 Outstanding Young Alumni Award of PolyU Faculty of Health and Social Sciences

舒鈺昊博士
Dr SHU Yun-hao

首衛有限公司行政總監及大灣區醫護教師社工協會創會主席
Executive Director of Hygiene First Company Limited & Founding Chairman of Healthcare,
Education and Social Welfare Association (Greater Bay Area)



2025 年度理大校長特設傑出成就獎 The President's Awards for Outstanding Achievement 2025



理大一年一度的「校長特設傑出成就獎」為大學最高級別的榮譽，旨在嘉許於教學、研究、服務及知識轉移方面表現卓越的教職員，醫療及社會科學院今年有兩位教員獲此殊榮。理大康復治療科學系副教授及副系主任魏佩菁教授獲頒個人組別的「校長特設傑出成就獎（教學）」，而理大眼科視光學院助理教授梁子榮教授則獲頒個人組別的「校長特設傑出成就獎（教學 — 傑出青年學者）」。



PolyU's annual President's Awards, the University's most prestigious honours, recognise staff members who demonstrate outstanding performance in teaching, research, service, and knowledge transfer. This year, we proudly congratulate two distinguished FHSS members for receiving this esteemed recognition. Prof. Shirley NGAI Pui-ching, Associate Professor and Associate Head at PolyU's Department of Rehabilitation Sciences, received the President's Award in Teaching in the individual category, while Prof. Jeffrey LEUNG Tsz-wing, Assistant Professor at PolyU's School of Optometry, was honoured with the President's Award in Teaching (Early Career Teacher) in the individual category.



魏佩菁教授
Prof. Shirley NGAI
Pui-ching



梁子榮教授
Prof. Jeffrey LEUNG
Tsz-wing

2025/26 年度校長學生領袖獎及卓越學生獎 Presidential Student Leadership Award and Outstanding Student Award 2025/26



理大每年均會表揚在領導才能、社區服務及學業上表現卓越出眾的優秀學生，以嘉許他們展現非凡的領導潛質，並積極推動社會的可持續發展。今年，理大康復治療科學系物理治療學學生林昭聰在眾多候選人中脫穎而出，榮膺理大最高殊榮「傑出學生領袖獎」。同時，理大應用社會科學系社會工作學學生劉芍霖亦獲頒「醫療及社會科學院卓越學生獎」。



PolyU honours outstanding students who excel in leadership, community service, and academics, to commend them for demonstrating extraordinary leadership potential and actively promote sustainable social development every year. This year, Edwin LAM, a physiotherapy student at PolyU's Department of Rehabilitation Sciences, stood out among all candidates to receive PolyU's highest honour, the "President's Distinguished Student Leadership Award". Meanwhile, LAU Cheuk-lam, a social work student at PolyU's Department of Applied Social Sciences, was awarded the "Outstanding Student Award of FHSS".



林昭聰 Edwin LAM



劉芍霖 LAU Cheuk-lam

榮升講座教授
Congratulations on
Promotion to Chair Professor

蔡璟教授 Prof. CAI Jing

醫學物理與智能腫瘤學講座教授
醫療科技及資訊學系系主任
Chair Professor of Medical Physics and Intelligent Oncology and Head
Department of Health Technology and Informatics

研究興趣 Research Interests

磁力共振影像導航放射治療、四維影像與放射治療、軀體立體定位放射治療、影像組學、近距放射治療
MRI-guided radiation therapy, 4D imaging and radiation therapy, stereotactic-body radiation therapy, radiomics, and brachytherapy.



新任命
Appointment of
New Professor

冼佩嫻教授 Prof. Jacqueline SIN Pui-han

護理學院
School of Nursing

研究興趣 Research Interests

精神健康狀況與腦神經發展障礙、支持家庭照顧者、科技強化心理健康治療、倡導公眾和病患共同參與科研
Mental health and neurodevelopmental conditions, supporting family carers, technology-enhanced mental health interventions, and optimising public and patient involvement in research



醫療及社會科學院科研項目獲外界科研資助

FHSS Projects Win Competitive External Research Grants



由醫療及社會科學院學者及研究人員為主要研究員的項目，繼續獲得多項外界科研資金支持，以下為去年度獲研究資金資助的項目：

Academics and other researchers from FHSS's constituent Departments and Schools regularly secure funding from different competitive grant schemes for their projects as Principal Investigators. Below are the latest external grants obtained:

Dept	Principal Investigator	Project Title	Major Funding Source	Funding Amount
APSS	Prof. Eric CHUI Wing-hong, Chair Professor	Behavioural Science Study on Investor Behaviour in the Virtual Assets Investors 2025	Investor and Financial Education Council	HK\$120,000
APSS	Prof. Herman LO Hay-ming, Associate Professor	The Effectiveness of Enhanced Intergenerational Co-parenting Training	Hong Kong Family Welfare Society (Collaborative)	HK\$199,750
APSS	Prof. Lin NIE, Assistant Professor	人工智能賦能互動治理：實證研究及應用性探索	National Natural Science Foundation of China	RMB\$300,000
HTI	Prof. CAI Jing, Chair Professor	Ising Machine-based Training of First-Order TSK Fuzzy Systems with Applications	Chinese Association for Artificial Intelligence, BosoN	RMB\$200,000
HTI	Dr Gary REN Ge, Research Assistant Professor	四維肺功能影像引導肺癌質子放療的技術研發和臨床應用研究	Shenzhen Medical Academy of Research and Translation	RMB\$800,000
HTI	Prof. YOO Jung Sun, Associate Professor	A Trimodal PET/SPECT/CT Animal Imaging System for Molecular Imaging and Radiopharmaceutical Research	Innovation and Technology Fund - Innovation and Technology Support Programme, Innovation Technology Commission	HK\$3,700,000
HTI	Prof. ZOU Xiang, Professor	An Innovative Dendritic Cell-Targeted Vaccination Strategy for Breast Cancer	Collaborative Research Fund - Collaborative Research Equipment Grant, Research Grants Council	HK\$1,300,000
RS	Prof. Patrick KWONG Wai-hang, Assistant Professor	Closed-loop, Wearable Sensor-based Systems for Gait Retraining in People with Stroke	Health and Medical Research Fund Research Fellowship Scheme, Health Bureau	HK\$665,450
SN	Prof. Harry QIN Jing, Professor	Multi-modal Medical Molecular Imaging Joint Laboratory	Youth Seed Fund, Research Grants Council and the Chinese Academy of Sciences	HK\$350,000

研討會及工作坊 Seminars and Workshops



醫療及社會科學院定期舉辦工作坊，協助教職員緊貼醫療護理領域的最新發展。這些活動為促進團隊間的知識交流，拓闊跨學科視野，並建構互動的研究氛圍。



FHSS offers regular workshops to keep them updated on new healthcare developments. These sessions encourage knowledge sharing, fostering cross-disciplinary insight, and supporting dynamic research environments.

適應性與非劣效性試驗設計研討會 Seminar on Adaptive and Non-Inferiority Trial Designs



醫療及社會科學院臨床試驗諮詢組於2025年11月4日舉辦以「適應性與非劣效性試驗研究設計」為題的研討會，由悉尼大學物理治療學院的 Paulo FERREIRA 教授主講，深入探討適應性試驗設計的重要性。這設計允許研究人員根據中期結果調整研究方案，從而提升臨床研究的效率與靈活性。此外，教授亦講解了非劣效性設計；該設計旨在證明新療法不遜於現行標準，是評估專職醫療領域替代療法的一項重要方法。



On 4 November 2025, FHSS Clinical Trials Unit hosted a seminar titled "An Adaptive Trial Study Design and Non-inferiority Design", presented by Prof. Paulo FERREIRA from the School of Physiotherapy at the University of Sydney. The seminar explored the importance of adaptive trial study designs, which allow researchers to modify protocols based on interim results, thereby increasing efficiency and flexibility in clinical research. Professor also discussed non-inferiority designs, which are used to demonstrate that new treatments are not inferior to established standards – this is an essential approach for evaluating alternative therapies in allied health.



精神健康臨床試驗中的人工智能應用研討會 Seminar on AI in Mental Health Clinical Trials



臨床試驗諮詢組於2026年1月14日舉辦另一場研討會，由香港大學心理學系 Benjamin BECKER 教授主講，題為「人工智能啟發之方案與腦科學：革新精神健康臨床試驗」。會上探討精神疾病帶來的全球負擔及治療的局限，並重點講述神經影像學、機器學習與人工智能如何革新精神健康研究與臨床試驗。講者亦分享針對焦慮與抑鬱症的新型大腦標記物與干預措施的開發，以及在真實環境下對新物質進行大腦特徵分析。最後探討人工智能融入精神健康研究的機遇與挑戰，強調創新技術雖具複雜性，但擁有加速發掘新療法的巨大潛力。



On 14 January 2026, FHSS Clinical Trials Unit hosted another seminar featuring Prof. Benjamin BECKER from the Department of Psychology at The University of Hong Kong, presenting on "AI-inspired Approaches and Brain Science: Transforming Mental Health Clinical Trials". The seminar addressed the global burden of mental disorders and current treatment limitations, highlighting how advances in neuroimaging, machine learning, and artificial intelligence are revolutionising mental health research and clinical trials. Prof. Becker discussed the development of novel brain markers and interventions for anxiety and depression, alongside brain-based profiling of new substances in real-world contexts. He also explored the opportunities and challenges of integrating AI technologies into mental health research, emphasising the potential to accelerate treatment discovery despite the complexities of adopting these innovations.



為配合爭取研究資助的策略目標，醫療及社會科學院於2025年12月1日舉辦工作坊，探討如何撰寫具競爭力的醫療衛生研究基金計劃書。學院的黎田教授、伍尚美教授、Jed MONTAYRE 教授及梁子榮教授在會上分享見解，並提供完善未來資助申請的實用策略。工作坊針對計劃書結構、常見問題，以及提升競爭力的有效方法，為與會者提供寶貴指導。



As part of its strategic aim to secure more research funding, FHSS held a workshop for its researchers on 1 December 2025, focused on preparing strong proposals for the Health and Medical Research Fund. Four FHSS scholars including Prof. Li TIAN, Prof. Shamay NG, Prof. Jed MONTAYRE, and Prof. Jeffrey LEUNG, shared their thoughts and offered practical strategies to enhance future grant submissions. The workshop provided valuable guidance on proposal structure, common pitfalls, and effective approaches to increase the competitiveness of their applications.

研究資助計劃書寫作講座 FHSS Workshop on Grant Writing

醫療創新研討會 Seminar on Healthcare Innovation



醫療創新對於拯救生命及提升治療效率至關重要，渥太華大學工程學院教授兼院長 Caroline G. L. CAO 教授於2026年1月16日以「醫療領域的人因工程研究」為題發表演講，探討手術室等醫療環境持續面臨的安全挑戰；而科技的高速發展令外科醫生難以適應，也是導致醫療失誤增加的原因。教授分析，醫生面對不熟悉的醫療儀器及對他們認知要求日益提升也加劇治療效率的問題，並強調在微創手術中進行高效技術設計的必要性。她介紹了渥太華大學「遠程環境人體工學實驗室」及伊利諾伊大學厄巴納-香檳分校的「Jump 模擬中心」的研究，展示如何運用人因原則構建沉浸式環境進行醫療技能與同理心訓練，旨在提升病人安全和治療成效。



Healthcare innovation is crucial for saving lives and improving treatment efficiency. Prof. Caroline G. L. CAO, Professor and Dean of the Faculty of Engineering at the University of Ottawa, hosted a talk titled "Human Factors Research in Healthcare" on 16 January 2026, addressing ongoing safety challenges in healthcare, particularly in hospital operating rooms, where rapid technological advancements often outpace surgeons' ability to adapt, resulting in increased errors. Prof. Cao discussed how unfamiliar instruments and heightened cognitive demands on surgeons contribute to these issues, emphasising the need for effective technology design in minimally invasive surgery. She highlighted research from the Ergonomics in Remote Environments Laboratory at the University of Ottawa and the Jump Simulation Center at the University of Illinois Urbana-Champaign, demonstrating how human factors principles were applied to create immersive environments for medical skills and empathy training, with the ultimate goal of improving patient safety and outcomes.



得獎學者分享教與學實踐 Showcasing Award-winning Teaching and Learning Practices



三位榮獲教資會不同組別的傑出教學獎的學院學者於2026年2月10日分享寶貴見解與經驗。陳胡安琪教授、魏佩菁教授及梁子榮教授帶來內容豐富的交流，聚焦創新教學與有效學習實踐。他們的分享為提升學院教育質素提供啟發與實用策略，有助營造追求學術卓越及持續進步的協作環境。



On 10 February 2026, three FHSS Scholars who were honoured with the prestigious University Grants Committee Teaching Award in different categories shared their valuable insights and experiences with fellow Faculty members. Prof. E. Angela CHAN, Prof. Shirley NGAI, and Prof. Jeffrey LEUNG engaged in an enriching session focused on innovative teaching and effective learning practices. Their contributions provided inspiration and practical strategies to enhance the quality of education within the Faculty, fostering a collaborative environment dedicated to academic excellence and continuous improvement.



Engagement with Co-Design in Health Research



醫療及社會科學院與理大護理學院於2026年3月7日合辦以「將患者與公眾參與結合共同設計融入健康研究」為題的研討會。是次活動由醫療及社會科學院臨床試驗諮詢組及賽馬會「數碼提升腫瘤照護」創科實驗室協辦，會上兩場演講均強調病人與社區在健康研究中的關鍵角色。英國埃克塞特大學 Kristin LIABO 博士探討如何建立有意義的參與條件以創造持久影響；而澳洲格里菲斯大學 Georgia TOBIANO 博士則分享讓病人成為積極研究夥伴的澳洲經驗。芬蘭土庫大學 Tella LANTTA 博士及理大李欣妍教授亦向與會者分享芬蘭及香港在患者及公眾參與方面的經驗。研討會強調結合公眾參與及共同設計方針的重要性，目標是提升健康研究對所有持份者的相關度、質素與影響力。

合力推動健康研究創新 Innovating Health Research Together



On 7 March 2026, FHSS and PolyU's School of Nursing organised a symposium titled "Integrating Patient and Public Involvement and Engagement (PPIE) with Co-Design in Health Research". Co-organised with the FHSS Clinical Trials Unit and the JC STEM Lab of Digital Oncology Care Enhancement, the event featured two keynote presentations emphasising the crucial role of patients and communities in health research. Dr Kristin LIABO from the University of Exeter discussed establishing conditions for meaningful patient and community involvement to create lasting impact. Dr Georgia TOBIANO from Griffith University shared lessons from Australia's experience in involving patients as active research partners. Dr Tella LANTTA from the University of Turku and Prof. Yan LI from PolyU shared their PPIE experiences in Finland and Hong Kong with the audience. The symposium highlighted the importance of combining patient and public engagement with co-design approaches, aiming to enhance the relevance, quality, and impact of health research for all stakeholders.

理大第31屆畢業典禮 PolyU's 31st Congregation

醫療及社會科學院第31屆畢業典禮於2025年11月6日及7日舉行，共分六節。合共1,703名畢業生，包括52名哲學博士學位及34名博士學位畢業生在典禮上獲頒學術榮銜，標誌著他們人生的重要里程碑。他們在院長岑浩強教授帶領下宣讀專業誓章，許下在未來工作中恪守道德和專業標準的承諾。典禮表揚所有畢業生辛勤付出，學有所成。

The 31st Congregation of FHSS was a momentous event held over six sessions on 6 and 7 November 2025. During the ceremony, 1,703 degrees were conferred, including 52 PhDs and 34 professional doctoral degrees, marking a significant milestone for the graduates. Prof. David SHUM, Dean of FHSS, led the new graduates in reciting the faculty's Pledge of Professionalism at each session, as they emphasised their dedication to upholding ethical and professional standards in their future careers. The event celebrated the achievements and commitment of all of the graduates.

捐一次血，救三個人 A Single Blood Donation Can Save Up to Three Lives



香港紅十字會輸血服務中心於今年3月23至26日期間重臨理大校園，舉辦「大學捐血馬拉松」。為期四天的活動旨在確保全港有穩定的血液供應以應付醫療急症，並凝聚校園社群，攜手支持這項拯救生命的善舉。

是次活動獲得醫療及社會科學院及理大護理學院的全力支持，反應非常熱烈，吸引逾200名教職員及學生登記捐血，充分展現了他們對社區服務的承擔。護理學院的學生更身體力行擔任義工，確保活動得以順利進行。為表彰大學長期對本地捐血活動的持續支持，香港紅十字會輸血服務中心特別向理大頒發「2025年度卓越夥伴大獎」以表謝意。如果您錯過是次活動，但希望在未來參與這項救人善舉，請密切留意學院及理大發布未來活動的最新資訊。

The Hong Kong Red Cross Blood Transfusion Service (BTS) returned to the PolyU campus to host the University Blood Donation Marathon from 23 to 26 March 2026. Aimed at ensuring a stable blood supply for medical emergencies across the city, the four-day campaign successfully brought the campus community together for a life-saving cause.

Fully supported by FHSS and PolyU's School of Nursing (SN). The event received an overwhelming response, with over 200 staff and students registering for blood donation, demonstrating a strong commitment to community service. SN students also volunteered their time to assist on-site, ensuring the event ran smoothly. In recognition of the University's continuous support for local blood donation efforts, the BTS presented PolyU with the "Elite Partnership Award 2025" as a token of appreciation. If you missed this marathon but would like to participate in future life-saving initiatives, please stay tuned to FHSS and PolyU news for updates on upcoming events.

續任研資局遴選小組成員 Re-appointment as Member of RGC Selection Panel

理大應用社會科學系社會及文化心理學講座教授兼醫療及社會科學院副院長陳曉華教授獲續任為研資局「人文、社會科學及商科」評審小組成員，將負責「香港博士研究生獎學金計劃」（2026/27年度）及「研資局新晉學者計劃」（2026/27年度）的評審工作並就獲提名人選提出建議。

Prof. Sylvia Xiaohua CHEN, Chair Professor of Social and Cultural Psychology at PolyU's Department of Applied Social Sciences and Associate Dean of FHSS, has been reappointed as a Local Member of the Humanities, Social Sciences and Business Studies Selection Panel. She will be responsible for assessing and making recommendations for nominations for the Hong Kong PhD Fellowship Scheme (2026/27 intake) and the RGC Junior Research Fellow Scheme (2026/27 cohort).



培育新一代國際人道救援人才 Cultivate New Generation of International Humanitarian Talents



理大護理學院聯同另外兩所香港頂尖大學，於今年2月3日與共享基金會簽署一份為期五年的合作備忘錄。建立此策略夥伴關係的主要目的，在於將學術理論與真實的人道救援實踐互相結合。是次合作旨在結合三所大學的卓越學術與臨床專長，以及共享基金會在「一帶一路」沿線國家提供醫療援助的豐富前線經驗，藉此培育下一代全球公共衛生專業人才。透過這項合作聯盟，各方將積極推動聯合學生培訓、服務學習計劃、具影響力的研究以及專業交流。長遠而言，卓越學術與前線實務經驗的融合，將確保未來的專才具備執行國際人道救援工作所需的實戰技能。

THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

醫務及社會科學系
Faculty of Health and Social Sciences
The Hong Kong Polytechnic University



GX FOUNDATION
共享基金會

Memorandum of Understanding Signing Ceremony

03.02.2026



PolyU's School of Nursing, together with two other leading Hong Kong universities, signed a 5-year Memorandum of Understanding (MoU) with the GX Foundation on 3 February this year. The primary purpose to establish this strategic partnership is to bridge the gap between academic theory and real-world humanitarian practice. The MoU aims to nurture the next generation of global public health professionals by combining the universities' exceptional academic and clinical expertise with the GX Foundation's extensive frontline experience delivering medical aid across Belt and Road countries. Through this collaborative alliance, the institutions will actively advance joint student training, service-learning programmes, impactful research, and professional exchanges. Ultimately, this integration of academic excellence and practical field experience ensures that future talent is equipped with the hands-on skills necessary for effective international humanitarian assistance.

護理學院舉辦國際護理榮譽學會亞洲區域會議2025 Nursing School Hosts Sigma Asia Regional Conference 2025



由理大護理學院聯同香港五所高等教育院校護理學院組成的「國際護理榮譽學會香港分會」，與「國際護理榮譽學會亞洲分會」於2025年12月5日及6日，合辦「國際護理榮譽學會亞洲區域會議2025」。會議以「數碼健康與人工智能：創新護理，變革照護」為主題，匯聚超過550位來自19個國家及地區的護理從業員、研究人員及學者參與，就人口老化及慢性疾病帶來的醫療護理挑戰共謀對策。

會議的主題演講嘉賓來自新加坡、南韓、菲律賓、中國內地和越南的知名院校，以及微軟。演講重點探討運用人工智能和數碼技術革新護理教育、研究和臨床實踐。透過舉辦會議，學院進一步展示其在推動行業發展及將新興科技融入醫療護理人力資源的領導地位。國際護理榮譽學會香港分會由理大護理學院於2000年成立，並於2021年擴展規模，現涵蓋香港六所護理學院。是次會議提供一個重要平台，促進專業交流與全球護理知識的分享，以確保護理專業走在創新的最前沿。

The Pi Iota At-Large Chapter of Sigma Theta Tau International Honor Society of Nursing (Sigma), formed by PolyU's School of Nursing (SN) with five other higher education institutions in Hong Kong, partnered with Sigma Asia to host the Sigma Asia Regional Conference 2025 on 5 and 6 December 2025. Themed "Digital Health and AI in Nursing: Transforming Care Through Innovation", the event gathered over 550 nursing practitioners, researchers, and scholars from 19 countries and regions to address the healthcare challenges of ageing populations and chronic diseases.

The conference featured keynote speakers from prestigious institutions in Singapore, South Korea, the Philippines, Chinese Mainland, and Vietnam, as well as from Microsoft. Discussions focused on leveraging AI and digital technologies to revolutionise nursing education, research, and clinical practice. By hosting this event, SN reaffirmed its leadership in driving industry development and integrating emerging technologies into the healthcare workforce. The Pi Iota Chapter, established at SN in 2000 and expanded into an at-large chapter in 2021, now represents six Hong Kong nursing schools. This gathering served as a vital platform for professional networking and the exchange of global nursing knowledge, which will ensure that the profession remains at the forefront of innovation.

理大論壇探討人工智能在腫瘤學的應用 PolyU Forum Explores AI in Oncology



人工智能在推動智能腫瘤學轉型方面扮演著日益重要的角色，為早期診斷、個人化治療及提升療效帶來全新可能。理大醫療科技及資訊學系與理大人工智能高等研究院於2025年12月10日合辦「理大智能腫瘤學論壇」，吸引約100名研究人員、政策制定者及專家齊聚一堂，共同探討人工智能在癌症診斷與治療領域的最新應用。

論壇邀請八位知名專家就多項前沿議題分享見解。探討主題廣泛，涵蓋：智能腫瘤學的創新實踐、血管資訊與健康工程、人工智能在預防病毒性肝炎及肝癌的角色、針對非吸煙者的人工智能輔助早期肺癌篩查、運用人工智能與大數據推動精準腫瘤學創新、液體分子診斷的最新進展、人工智能在放射腫瘤學的應用，以及醫療護理領域中的分散式生成式人工智能。是次論壇不僅有助促進跨學科的交流與協作，更充分展示理大致力推動智能技術發展，以提升癌症護理水平與改善患者療效的不懈努力。



Artificial intelligence is playing an increasingly vital role in transforming intelligent oncology, offering new possibilities for early diagnosis, personalised treatment, and improved patient outcomes. On 10 December 2025, PolyU's Department of Health Technology and Informatics in collaboration with the PolyU Academy for Artificial Intelligence, hosted the PolyU Intelligent Oncology Forum. The event attracted around 100 researchers, policymakers, and experts to discuss the latest AI applications in cancer diagnosis and treatment.

Eight renowned experts were invited to share their insights on diverse topics, including new practices in intelligent oncology, vascular information and health engineering, AI's role in viral hepatitis and liver cancer prevention, AI-supported early-stage lung cancer screening in never-smokers, innovations in precision oncology through AI and big data, advances in liquid-based molecular diagnostics, AI applications in radiation oncology, and distributed generative AI in healthcare. The forum fostered interdisciplinary collaboration and highlighted PolyU's commitment to advancing intelligent technologies for enhanced cancer care and improved patient outcomes.

塑造康復治療科學教育的未來 Shaping the Future of Rehabilitation Education



理大康復治療科學系於2025年12月11日至12日成功舉辦「第二屆康復治療科學教與學創新國際會議」，吸引逾千名來自香港、亞太地區及北美的學生、教育工作者、研究人員及業界人士參與，為他們提供分享該領域最新發展和創新實踐的互動平台。今屆會議焦點涵蓋醫療教育的全球視野、人工智能在康復領域的應用，以及引領病人護理及專業培訓革新的尖端科技。此外，學系學生亦於會議中展示其極具創意的研究項目，充分體現學系致力優化學習經驗的決心，積極裝備學生以應對瞬息萬變的醫療行業挑戰。

大會榮幸邀請到多位國際知名專家擔任主題演講嘉賓，包括昆士蘭大學的Nerina SCARINCI教授、新加坡理工大學May LIM教授、多倫多大學Euson YEUNG教授，以及理大的魏佩菁教授。他們深入探討從「以病人及家庭為本」的溝通模式，到運用人工智能優化物理治療模擬教學等多個前沿議題。是次會議在各界展現對推動康復治療科學發展的堅定承諾下圓滿落幕，進一步鞏固理大在引領全球復康服務未來、以及提升生活質素方面的領導地位。



On 11 and 12 December 2025, PolyU's Department of Rehabilitation Sciences hosted the 2nd International Conference on Teaching and Learning Innovations in Rehabilitation Sciences, welcoming over 1,000 students, educators, researchers, and practitioners from Hong Kong, Asia Pacific, and North America. The conference provided a dynamic platform for sharing the latest advancements and innovative practices in rehabilitation sciences education. Highlights included sessions on global perspectives in healthcare education, the integration of artificial intelligence in rehabilitation, and emerging technologies shaping patient care and professional training. Students showcased their creative research projects, reflecting the department's commitment to transformative learning experiences that prepare graduates for complex challenges in a rapidly evolving healthcare environment.

Distinguished keynote speakers, including Prof. Nerina SCARINCI from The University of Queensland, Prof. May LIM from the Singapore Institute of Technology, Prof. Euson YEUNG from the University of Toronto, and Prof. Shirley NGAI from PolyU, addressed topics ranging from patient- and family-centred communication to AI-enhanced simulation in physiotherapy education. The conference concluded with a strong commitment to advancing rehabilitation sciences through innovation, collaboration, and excellence, reinforcing PolyU's leadership in shaping the future of rehabilitation and improving lives globally.

創新防跌方案應對香港人口老化挑戰 Innovative Fall Prevention for Hong Kong's Ageing Population



香港長者跌倒問題備受社會關注，現時大約每五名65歲或以上的長者中，便有一人曾經跌倒，對公共醫療體系造成沉重負擔。為此，理大康復治療科學系自去年一月起聯同多個社區團體，攜手推出「防跌路上·同行有理」大行動，運用學系自主研发的人工智能技術，為長者提供精準的跌倒風險篩查。

計劃首階段接近900名居於港島區的長者，由學系的物理治療學及職業治療學學生為他們進行綜合評估，核心項目包括「步速測試」及「椅子坐站測試」。篩查結果顯示，26%的參加者屬於跌倒高風險群組，團隊隨即為他們安排為期12星期的防跌運動訓練，旨在強化肌肉力量並改善日常活動功能，目前已有逾百名長者順利完成該項訓練。此外，團隊透過電話訪問了解長者的病史，發現兩成參加者在過去一年內曾經跌倒，當中一半更需送院就醫。研究數據進一步顯示，特定體能測試能有效預測男性長者的跌倒風險；而女性長者的風險則受身高體重比例等因素影響。展望未來，學系將持續優化其人工智能預測模型，致力建立全面的長者健康資料庫，期望造福更多社區長者。



Falls among Hong Kong's elderly population are a significant concern, with about one in five community-dwelling individuals aged 65 or above experiencing a fall, placing considerable strain on healthcare resources. To address this challenge, PolyU's Department of Rehabilitation Sciences (RS) launched the "Better Ageing in Community Campaign" in January last year, collaborating with various community groups. This initiative uses RS's artificial intelligence (AI) technology to conduct fall risk screenings for the elderly.

In the campaign's first phase, nearly 900 elderly residents on Hong Kong Island underwent assessments conducted by RS's physiotherapy and occupational therapy students, including the walking speed test and the sit-to-stand test. The results identified 26% of participants as high-risk; these individuals were enrolled in a 12-week fall prevention exercise programme. Over 100 attendants have completed this training, which aims to strengthen muscles and improve daily functioning. The team also conducted telephone interviews with the participants of the fall risk assessment and found that 20% of participants had fallen in the past year, with half requiring medical attention. The project also found that certain tests effectively predict fall risk, particularly in men, whereas women's risk is also influenced by factors such as weight-to-height ratio. RS plans to enhance its AI model, and build a comprehensive elderly health database to benefit more seniors.

理大專家支援第15屆全國運動會 PolyU Experts Support the 15th National Games

第15屆全國運動會早前於2025年11月9日至21日在粵港澳三地圓滿舉行，匯聚全國頂尖運動員同場較量。理大康復治療科學系積極參與並全力支持這項體壇盛事，為參賽健兒提供全面而專業的運動物理治療服務。

是次跨專業支援團隊由學系副系主任兼洪克協痛症管理教授符少娥教授帶領，成員包括九名教職員與校友，以及逾30名物理治療學學生。團隊全力為香港手球、體操（彈網）及柔道代表隊，以及廣東乒乓球和劍擊代表隊的運動員量身制訂一系列專業服務，包括個人化的賽前表現評估、健康與訓練負荷監察、專項訓練支援，臨床物理治療諮詢，臨床物理治療諮詢，以及運動創傷康復。此外，團隊亦於賽事期間提供駐場醫療支援，全方位保障運動員的健康，成功協助他們以巔峰的體能狀態在賽場上發揮最佳水準。

The 15th National Games of China took place across Guangdong, Hong Kong, and Macau from 9 to 21 November 2025, featuring top athletes nationwide. PolyU's Department of Rehabilitation Sciences actively supported the event by providing comprehensive sports physiotherapy services.

Led by Prof. Amy FU Siu-ngor, Peter Hung Professor in Pain Management and Associate Head of the Department, the multidisciplinary team included nine faculty members, alumni, and over 30 physiotherapy students. They offered personalised pre-competition performance assessments, health and training load monitoring, training support, clinical physiotherapy consultations, and sports injury rehabilitation to athletes from Hong Kong's handball, gymnastic (trampoline), and judo teams, as well as Guangdong's table tennis and fencing teams. Throughout the Games, the team delivered on-site medical support to ensure that athletes maintained peak physical condition, thus contributing to their optimal performance.



理大一伍黎宜慈善基金 「視覺復康」計劃 The PolyU-Wu Jieh Yee Charitable Foundation i.m. VisionCare Programme

THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

PolyU - Wu Jieh Yee Charitable Foundation i.m. VisionCare Programme
理大 - 伍黎宜慈善基金「視覺復康」計劃



視覺復康對於視障人士至關重要，能有效協助他們維持獨立生活能力、培養心理韌性，並提升自信心。在伍黎宜慈善基金的慷慨支持下，理大於2025年10月1日推出為期四年的「理大一伍黎宜慈善基金『視覺復康』計劃」。這項跨學科項目由理大眼科學院教授張銘恩教授領導，旨在透過結合先進人工智能輔助技術的個人化復康服務，提升視障人士的生活質素。



Visual rehabilitation plays a crucial role in fostering independence, psychological resilience, and confidence among visually impaired individuals. With generous support from the Wu Jieh Yee Charitable Foundation, PolyU launched the four-year "i.m.VisionCare" programme on 1 October 2025. Led by Prof. Allen CHEONG Ming-yan, Professor at PolyU's School of Optometry, this multidisciplinary initiative aims to enhance visually impaired individuals' quality of life through personalised rehabilitation services that incorporate advanced artificial intelligence (AI) assistive technologies.

計劃雲集視覺復康專家、物理治療師、職業治療師、社工及心理輔導員等組成的跨專業團隊，提供全面且以病人為本的護理。透過運用電子放大鏡和智能眼鏡等人工智能輔助裝置，為視障人士及其家屬提供量身定製的訓練。跨專業團隊會先進行全面評估，隨後提供數碼技術訓練、居家體能訓練、尋解導向治療，以及跌倒風險評估與個人化家居調整建議。

四年計劃將循五大階段系統地展開：初期規劃、與人工智能技術整合的詳細服務規劃、落實病人參與及跨學科學生培訓的先導計劃、服務全面啟動，以及建構可擴展模式的持續發展。為評估成效，計劃內設有嚴謹的隨機對照試驗。18歲或以上的視障參與者將被隨機分組，團隊將於介入後多個時間點收集數據，以掌握長期效果。此試驗將提供關鍵證據，以支持實證為本的視覺復康服務。

計劃預計將惠及逾1,000名視障人士及2,000名照顧者，同時培訓約800名未來的醫護及社工專才。項目致力發展可持續的復康模式，指望未來推廣至大灣區，促進區域合作。長遠而言，

期望提升患者的獨立性與安全性，減輕照顧負擔，促進社會共融，並紓緩醫療系統壓力。此外，團隊與本地醫院及社區組織緊密合作，推動公眾教育，並將研究成果轉化為實用服務。透過結合創新的人工智能驅動技術、跨學科臨床護理及可持續的服務模式，本計劃將為現代視覺復康領域帶來重大進展。

視覺輔助工具
Assistive
Devices

感謝伍黎宜慈善基金慷慨捐贈



檢查評估
Assessment



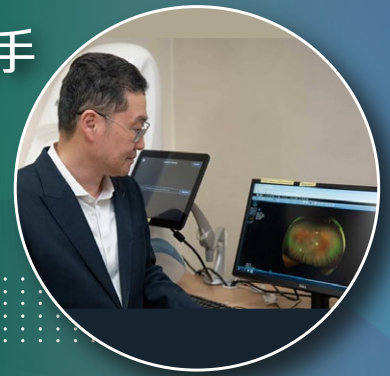
The programme unites an interdisciplinary team of visual rehabilitation specialists, physiotherapists, occupational therapists, social workers, and counsellors to provide comprehensive, patient-centred care. Utilising AI-powered assistive devices such as electronic magnifiers and smart glasses, "i.m.VisionCare" offers tailored training to patients and their families. The multidisciplinary team conducts thorough assessments, followed by digital technology training, home-based physical training, solution-focused therapy, and fall risk evaluations with customised home modification recommendations.


Structured into five phases, the four-year plan progresses systematically: initial planning, detailed service integration with AI, a pilot programme engaging patients and interdisciplinary students, a full-scale service launch, and finally, sustainable development focusing on scalable models. To evaluate its effectiveness, a rigorous randomised controlled trial is embedded within the initiative. Visually impaired participants aged 18 and above are randomly assigned into groups, with data collected at multiple post-intervention points to capture long-term effects. This trial provides critical evidence to support evidence-based vision rehabilitation services.

The programme is designed to benefit over 1,000 visually impaired individuals and 2,000 caregivers, while training around 800 future healthcare and social service professionals. The project seeks to develop sustainable rehabilitation models that may extend into the Greater Bay Area, fostering regional collaboration. It aims to enhance patient independence and safety, alleviate caregiving burdens, promote social inclusion, and reduce pressures on healthcare system. Furthermore, the team collaborates closely with local hospitals and community organisations to facilitate public education and translate research findings into practical services. By combining innovative AI-driven technologies, multidisciplinary clinical care, and sustainable service delivery, "i.m.VisionCare" represents a significant advancement in modern vision rehabilitation.




理大與印度阿拉文眼科系統攜手 開發人工智能眼科護理平台 PolyU and Aravind Collaborate on AI Eye Care Platform



 印度阿拉文眼科系統（阿拉文）與理大視覺科學研究中心於今年2月5日簽署合作備忘錄，共同開發並對人工智能眼科及眼科視光學臨床決策支援平台「EyeAgent」進行臨床驗證。此合作旨在為全球眼科護理領域，研發安全可靠、具備清晰推理過程，且能銜接臨床工作流程的人工智能解決方案。儘管人工智能在影像疾病檢測表現卓越，但現存系統缺乏結構化的臨床推理能力，難以融入實際的醫療流程。

為此，理大研發出「EyeAgent」系統。該平台結合大型語言模型、已驗證的眼科工具及醫學知識，能精準模擬臨床醫生的推理過程並協調多模態分析，生成具透明度及循證基礎的分析結果，以支援診斷、分流及治療規劃。「EyeAgent」將納入阿拉文的臨床服務中持續優化與驗證，確保在多元化的醫療環境下均能發揮效用。結合雙方在人工智能研究與臨床經驗的優勢，期望開發一套全球適用的人工智能系統；以提升診斷效率、增強臨床醫生的決策信心，並改善全球眼科病患的治療成效。

 The Aravind Eye Care System in India and the Research Centre for SHARP Vision (RCSV) at PolyU have signed a Memorandum of Understanding on 5 February this year, to co-develop and clinically validate EyeAgent, an AI-powered clinical decision-support platform for ophthalmology and optometry. This collaboration advances safe, interpretable, and workflow-aligned AI solutions for global eye care. Although AI excels in image-based disease detection, many systems lack structured clinical reasoning and integration into real-world workflows.


To address this, RCSV developed EyeAgent, which combines large language models with validated ophthalmic tools and expertise. EyeAgent mimics clinician reasoning, coordinates multimodal analyses, and generates transparent, evidence-based outputs to support diagnosis, triage, and management planning. The partnership will refine and validate EyeAgent within Aravind's clinical services to ensure its effectiveness across diverse healthcare settings. By combining PolyU's AI research with Aravind's clinical experience, the collaboration aims to create a practical, globally adaptable AI system that enhances diagnostic efficiency, strengthens clinician confidence, and improves patient outcomes worldwide.

理大獲捐款資助近視及老花防控研究 PolyU Receives Donation for Myopia and Presbyopia Research

視覺科技有限公司研究資助嘉許禮

8 October 2025



 全球眼科醫療服務需求日增，理大眼科視光學院於2025年10月獲視覺科技有限公司（視覺科技）捐贈500萬港元，以推動嶄新近視及老花干預方案的前沿研究。視覺科技是一間由理大培育的成功初創企業，專注於將理大專利的「近視離焦軟性隱形眼鏡」技術商品化。相關工作始於2018年，現已廣泛應用於香港及中國內地市場。

這項捐贈將用作支持一項名為「新型光學設計與工程優化視力」的三年研究項目。項目由理大眼科視光學院助理教授秦嘉敏教授與胡廣佩家族眼科視光學教授兼學院主任紀家樹教授共同領導，重點開發新一代光學設計，為兒童提供防控近視發病和減慢眼軸增長的個人化方案，並將致力研發針對老花的創新光學干預技術。

本計劃結合先進光學工程與臨床驗證，期望能彌補現有精準眼科護理的不足。這次合作除了鞏固理大在光學創新方面的領導地位，更旨在將學術研究成果轉化為普及且具深遠影響的公共衛生解決方案，全面提升基層眼科護理的質素。

 To tackle the growing need for global public eye health services, PolyU's School of Optometry (SO) received HK\$5 million from Vision Science and Technology Co. Ltd. (VST) in October 2025 to advance research and intervention into myopia and presbyopia control. VST is a successful PolyU start-up that specialises in commercialising the University's patented Defocus Incorporated Soft Contact (DISC) technology. These efforts began in 2018, and the technology has already been widely distributed across Hong Kong and the Chinese Mainland.

This funding will support a 3-year project titled "Optimisation of Vision with Novel Optical Designs and Engineering" led by Prof. Rachel CHUN Ka-man, Assistant Professor of SO, and Prof. KEE Chea-su, K.B. Woo Family Professor in Optometry and Head of SO. The initiative focuses on developing next-generation optical designs that provide personalised solutions to prevent myopia onset and slow axial elongation in children. The research also aims to create innovative optical interventions for presbyopia.

By combining advanced optical engineering with clinical validation, the project seeks to bridge gaps in precision eye care. This collaboration not only reinforces PolyU's leadership in optical innovation but also aims to translate academic research into accessible, high-impact public health solutions.

粵港眼科患者轉診通道開



成立「粵港澳大學眼科聯盟」 Establishment of the Guangdong-Hong Kong-Macao University Ophthalmology Alliance



理大眼科視光學院與中山大學中山眼科中心及澳門大學健康科學學院，於2025年12月7日簽署合作協議，共同成立「粵港澳高校眼科聯盟」。聯盟的成立，標誌著粵港澳三地在眼科醫療、眼科視光學及視覺科學領域的深度合作邁向重要里程碑。

聯盟旨在集結三地的醫療衛生及學術資源，透過推動臨床醫生、科研人員及學生的交流與培訓，從而促進人才發展，提升專業水平。同時，聯盟將積極推展先進眼科治療、臨床藥物試驗及人工智能眼病篩查等領域的協作研究，以驅動醫療創新及新技術的應用。此外，聯盟將促進共同建設眼科診療技術臨床轉化平台，並舉辦國際學術峰會，推動眼科技術標準的相互認可，從而提升大灣區在眼健康領域的全球影響力。在協議簽署同日，各方更同步啟動「白內障病患轉介計劃」，進一步深化跨境醫療協作，為患者提供更便捷、更優質的服務。



PolyU's School of Optometry signed a cooperation agreement with the Zhongshan Ophthalmic Center of Sun Yat-sen University and the Faculty of Health Sciences of University of Macau to establish the "Guangdong-Hong Kong-Macao University Ophthalmology Alliance" on 7 December 2025. The Alliance marks a significant milestone in fostering in-depth collaboration in ophthalmic medicine, optometry, and vision science across the three regions.

By pooling medical, health, and academic resources, the Alliance aims to enhance talent development through the exchange and training of clinical doctors, researchers, and students, thereby raising professional standards. It will also promote collaborative scientific research on advanced ophthalmic treatments, clinical drug trials, and AI-based eye disease screening, thus driving innovation and the application of new medical technologies. Furthermore, the Alliance will facilitate the joint development of clinical translation platform and host international academic summits to promote mutual recognition of ophthalmic technology standards and elevate the Greater Bay Area's global influence in eye health. On the same day, the launch of the "Cataract Patient Referral Program" further strengthened cross-border medical collaboration, providing more accessible and high-quality services for patients.

理大與愛博醫療合作推動 眼科視光創新 PolyU and Eyebright Medical Partner for Vision Innovation



理大眼科視光學院與愛博諾德（北京）醫療科技股份有限公司（愛博醫療）於今年1月26日達成戰略合作，共同推動眼科視光領域的研發、臨床轉化及人才培育。是次合作旨在加速創新技術的實際應用，並為業界培育高質素的專業人才，特別是在近視防控及光學技術等核心領域。

理大將發揮其在基礎研究及國際資源上的優勢，而愛博醫療則會傾注其行業專長。雙方將攜手應對業界的關鍵挑戰，藉此提升科研成果的轉化效率。此外，這項合作亦著重技術驗證與先導應用，以確保創新成果符合行業需求。在人才培育方面，雙方將共建培訓機制，結合理大的教育優勢以及愛博醫療提供的獎學金和研究實習機會，使人才發展更緊貼市場步伐。同時，透過與理大初創企業瞳研科技有限公司共同探索尖端技術，這項合作將進一步推動理大科研成果的商品化。



On 26 January 2026, PolyU's School of Optometry and Eyebright Medical Technology (Beijing) Co., Ltd. entered into a strategic partnership to advance research and development, clinical translation, and talent cultivation in vision care and optometry. This collaboration aims to accelerate the practical application of innovative technologies and nurture high-calibre professionals for the industry, particularly in key areas such as myopia control and optical technology.

PolyU will leverage its strengths in fundamental research and international resources, while Eyebright Medical will contribute its industry expertise, enabling both parties to address critical industry challenges and enhance research translation efficiency. The partnership will also emphasise technology validation and pilot applications to ensure that innovations meet industry needs. A joint talent training mechanism will be established, combining PolyU's educational strengths with Eyebright Medical's scholarships and research internships to better match talent development with market demands. The collaboration will further support the commercialisation of PolyU's research through the joint exploration of cutting-edge technologies with Vision Exploration Technology Limited (a PolyU Start-up).