ANNUAL REPORT

國立中山大學
年報



2025 NATIONAL SUN YAT-SEN UNIVERSITY 26

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校長的話

From the President

當今全球政經局勢劇烈變動、產業快速轉型，以及人工智慧（AI）浪潮重塑社會發展，高等教育正站在充滿挑戰與契機的歷史轉折點。大學已不僅是知識傳授的場域，更肩負回應國家發展需求、引領科技創新、培育未來人才的重要使命。

身處這個充滿挑戰與機會的時代，國立中山大學始終秉持「（AI）²：藝文與包容（Artistic & Inclusive）、前瞻與創新（Advanced & Innovative）」的核心價值，持續精進教學、厚植研究能量、強化產學合作、拓展國際鏈結、優化校務治理、穩健提升整體辦學績效。

Higher education is standing at a historical turning point with both challenges and opportunities in an era marked by rapid shifts in global political and economic dynamics, accelerated industrial transformation, and the profound impact of artificial intelligence (AI) on reshaping societal development. Universities are no longer merely places for knowledge dissemination but are entrusted with important missions of responding to national development needs, driving technological innovation, and nurturing future talent.

Amid these challenges and opportunities, National Sun Yat-sen University continues to uphold its core values of (AI)²: Artistic & Inclusive, Advanced & Innovative, by continuing to enhance teaching quality, strengthen research capacity, deepen industry-academia collaboration, expand international connections, optimize university governance, and steadily improve overall institutional performance.





過去一年，在全體師生同仁共同努力下，中山在國內外多項重要評比中獲得豐碩的肯定，創造了許多斐然的成果，展現強韌實力。QS 2026 世界大學學科排名，本校共有 16 個學科入榜，穩居全國前五，其中石化工程名列全球百大、全國第一；THE 2026 世界大學影響力排名持續維持全球 201-300 名，SDG 9 項目「工業、創新與基礎建設」更名列全球第 68 名；《遠見雜誌》2026 臺灣最佳大學排行榜，中山已連續七年穩居全國第五；《天下雜誌》2026 USR 大學公民獎，本校在學校治理、社會參與及環境永續三大面向總積分居公立大學分組第一。

Over the past year, through the collective efforts of all faculty, staff, and students, NSYSU has been significantly recognized in numerous major domestic and international rankings, achieving many remarkable results that demonstrate its strong institutional capabilities. In the 2026 Quacquarelli Symonds (QS) *World University Rankings by Subject*, NSYSU has 16 subjects ranked on the list, placing it among the top five universities in Taiwan, with Petroleum Engineering entering the global top 100 and ranking first nationwide. In the THE Sustainability Impact Ratings 2026, the University remained in the 201–300 band globally, while SDG 9: Industry, Innovation and Infrastructure ranked 68th worldwide. In 2026 Taiwan Best Universities rankings by *Global Views Monthly*, NSYSU has remained fifth nationwide for seven consecutive years. In *CommonWealth Magazine*'s 2026 USR University Citizen Awards, the University ranked first in its division in the combined score for the three major dimensions of university governance, social engagement, and environmental sustainability.

此外，深耕計畫在原有七個特色領域研究中心之外，新增「國家重點領域頂尖研究中心－科學導向海洋科技研發中心」；第三週期校務評鑑獲得最佳認可「通過－效期六年」結果；與英國倫敦大學亞非學院（SOAS）共同成立「全球公民權碩士學位學程」，創下臺英高等教育合作新典範；中山校園節能成效榮獲經濟部「114 年經濟節能標竿獎」銀獎，今年更參與台電「電網韌性與創新夥伴計畫」，打造韌性電網，展現我們對永續發展的長期承諾。

值得一提的是，本校學士後醫學系首屆 23 名畢業生肩負醫者使命，即將投入第一線醫療服務。感謝四大教學醫學中心—高雄榮民總醫院、高雄長庚紀念醫院、奇美醫院及高雄醫學大學附設中和紀念醫院的長期的支持，近期並進一步與合作的教學醫學中心再度簽署策略聯盟合作協議，將聘任醫院主治醫師擔任專任臨床教師，強化教學能量並符合臺灣醫學院評鑑委員會（TMAC）評鑑要求。諸多卓越的表現，彰顯中山於教學、研究、社會責任與永續發展的深厚底蘊，更是全體中山人戮力同心、攜手耕耘的共同成果。



In addition, under the Higher Education SPROUT Project, the University has expanded beyond its existing seven featured area research centers by establishing the Top Research Centers in National Key Fields: Marine-Science-Oriented Ocean Technology Implementation Center. The University also received the highest accreditation result, "Accredited for a validation period of six years," in the third cycle of higher education evaluation and accreditation. Together with SOAS University of London, the University launched the Global Citizenship Joint Master Degree Programme, creating a new model of higher education collaboration between Taiwan and the United Kingdom. NSYSU campus energy-saving initiatives were recognized with the Silver Award at the 2025 Energy Conservation Benchmark Awards from the Ministry of Economic Affairs. This year, the University also joined Taiwan Power Company (Taipower)'s Grid Resilience and Innovation Partnership Program to help build a resilient power grid, demonstrating its long-term commitment to sustainable development.

Another noteworthy milestone is the first cohort of 23 graduates from the University's School of Medicine taking on the responsibilities and mission of medical professionals to serve on the front lines of healthcare services. We extend our sincere gratitude to the four major medical teaching centers—Kaohsiung Veterans General Hospital, Kaohsiung Chang Gung Memorial Hospital, Chi Mei Medical Center, and Kaohsiung Medical University Chung-Ho Memorial Hospital—for their long-term support. More recently, the University further signed strategic alliance cooperation agreements with its partner medical teaching centers and will appoint attending physicians from these hospitals as full-time clinical faculty members, strengthening teaching capacity and further meeting the requirements of the Taiwan Medical Accreditation Council (TMAC). These outstanding accomplishments not only demonstrate the University's strong capabilities in teaching, research, social responsibility, and sustainability, but also reflect the collective efforts and dedication of all members of the University community.

輝煌的成果令人欣慰，但我們絕不以此自滿。展望未來，面對全球 AI 浪潮與國家發展趨勢，中山將持續推動雙語教育，積極爭取教育部第二期雙語標竿大學計畫；深耕人文、社會科學與藝術領域之外，亦聚焦半導體、海洋、生醫及人工智慧等關鍵領域，厚植前瞻研究能量；透過國際產學聯盟及橋科策進會攜手國內半導體龍頭企業，帶動南臺灣產業升級與數位轉型，讓中山成為驅動臺灣大南方發展的核心引擎。同時，將加速推動苓雅校區醫學院教學研究大樓興建，打造完善的醫學教育基地；籌劃增設托嬰中心，落實友善職場；導入 AI 校務治理，提升整體行政效能。此外，亦將持續與國立高雄大學研商合校事宜，期盼透過高教資源整合提升整體競爭力，為國家培育具全球視野與創新能力的卓越人才。

中山的每一項成就，都凝聚著全體師生的智慧與努力，以及廣大校友與社會各界長期的支持與信任。面對瞬息萬變的時代，唯有持續創新、追求卓越，方能在變局中掌握契機、開創新局。站在新的歷史起點，中山大學將秉持前瞻視野與永續信念，攜手全體中山人，齊心打造一所人文與理工並重的全方位大學，持續朝向「南方哈佛」的願景邁進。

These remarkable achievements are encouraging, but NSYSU will never be complacent. Looking ahead, in response to the global wave of AI and national development trends, the University will continue to promote bilingual education and actively pursue continued designation as a Holistic Benchmark University in the second phase of the Ministry of Education's Program on Bilingual Education for Students in College (BEST). The University will further strengthen its research capacity in key fields such as semiconductors, marine sciences, biomedicine, and AI while deepening its focus on the humanities, social sciences, and the arts. Through the Global Research and Industry Alliance and the Taiwan Ciaotou Science Park Academia Industry Consortium, the University will work hand in hand with leading domestic semiconductor companies to drive upgrading and digital transformation across industries in southern Taiwan, positioning the University as a core engine for the development of the Greater Southern Taiwan region. At the same time, the University will accelerate the construction of the College of Medicine's teaching and research building on the Lingya Campus, establish a comprehensive base for medical education, plan to establish a childcare center to promote a family-friendly workplace, and incorporate AI into the university governance to enhance overall administrative efficiency. In addition, the University will continue discussions with National University of Kaohsiung on the merger, with the hope of enhancing overall competitiveness through the integration of higher education resources and cultivating outstanding talent with a global vision and innovative capacity for the nation.

Every achievement at NSYSU embodies the collective wisdom and dedication of all faculty, staff, and students, as well as the longstanding support and trust of all alumni and society at large. Facing a rapidly changing world, only through continuous innovation and the pursuit of excellence can the University seize opportunities and pioneer new paths. Standing at a new historical starting point, NSYSU will uphold a forward-looking vision and a commitment to sustainability, joining hands with the entire NSYSU community to develop the University into a comprehensive university that values both the humanities as well as science and engineering, steadily moving closer to our vision of becoming the "Harvard of the South."






國立中山大學
National Sun Yat-sen
University

中山概覽

University Overview







校訓 University Motto

博學　審問　慎思　明辨　篤行

Erudite, inquisitive, deliberative, discerning, persistent

願景 Vision

擔當大高雄之學術、文化、人才培育及產業發展之發動機

We aim to be a driving force for academic and cultural advancement, talent cultivation and industrial development of Greater Kaohsiung.

目標 Goals

培育具前瞻思維領導菁英　促進社會階級流動

Cultivate leaders with a vision and promote social mobility

創造卓越學術價值　提升國際學術競合力

Pursue academic excellence and increase international competitiveness

引領區域升級發展動能　創建社會與經濟福祉

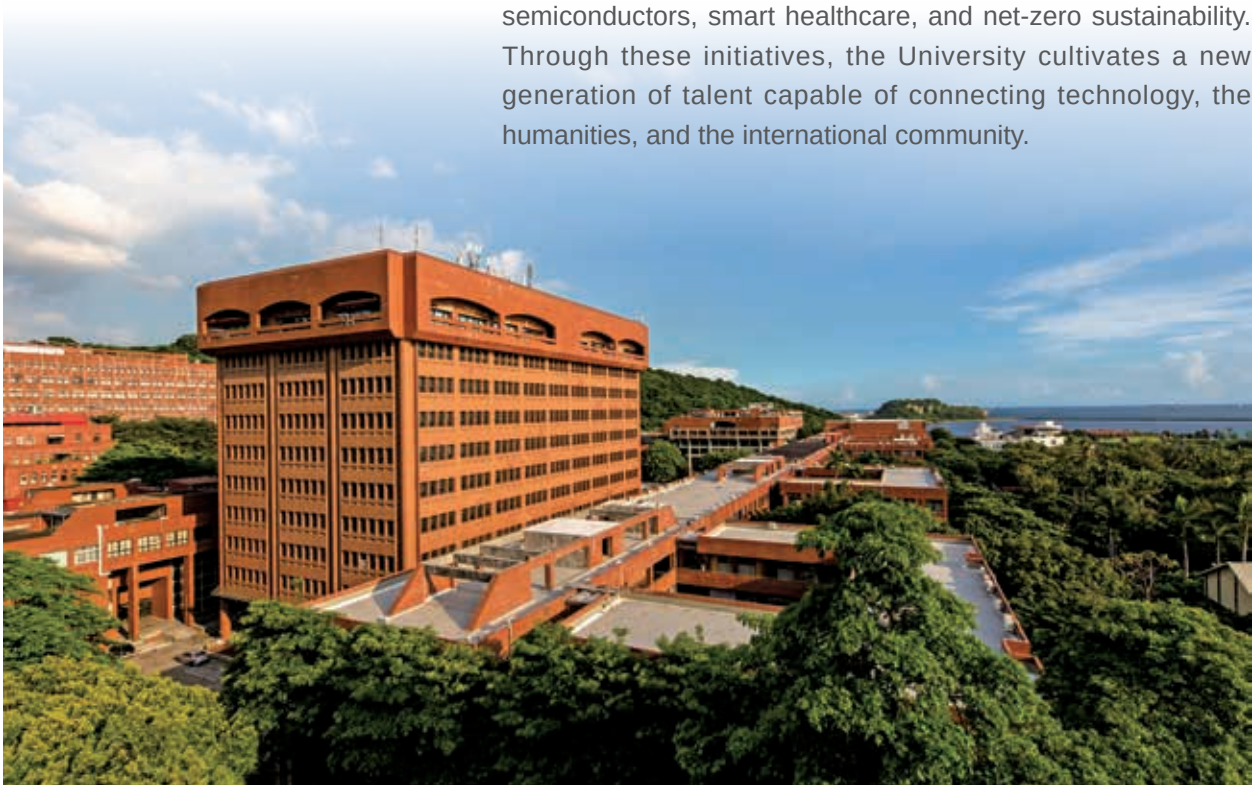
Lead regional advancement and bring social and economic welfare

2025 至 2026 年間，適逢建校 45 周年。坐落高雄西子灣、依壽山而望港灣，本校以山海交會的獨特環境孕育開放、多元與創新的學術文化，在教學、研究、國際合作、產學鏈結及醫學發展等面向持續累積成果。面對人工智慧時代來臨、產業結構轉型及高等教育全球競爭，秉持研究立校、人才培育為本的精神，結合人文與科技優勢，朝具國際影響力的研究型大學穩健前行。

本校建校於 1980 年，是全臺唯一擁有海岸線的頂尖大學，設有文、理、工、管理、海洋科學、社會科學、西灣、醫學、半導體及重點科技、國際金融等十大學院。近年高雄迎來產業轉型的重要階段，隨著半導體 S 廊帶、大南方新矽谷等政策推進，本校憑藉鄰近高雄港與產業聚落的優勢，深化海洋研究特色，並投入人工智慧、半導體、智慧醫療、淨零永續等前瞻領域，培育能連結科技、人文與國際社會的新世代人才。

The years 2025–2026 mark the 45th anniversary of National Sun Yat-sen University. Nestled between Sizihwan Bay and Shoushan Mountain in Kaohsiung, our unique mountain-and-sea campus setting has nurtured an academic culture of openness, diversity, and innovation. Over the years, NSYSU has sustained remarkable achievements across multiple fronts, including teaching, research, international collaboration, industry-academia partnerships, and medical education. Amid the age of AI, industrial restructuring, and intensifying global competition in higher education, the University remains committed to its core ethos of research excellence and talent cultivation. By integrating strengths in the humanities and technology, NSYSU is steadily advancing into a research-intensive university with global impact.

Founded in 1980, NSYSU is the only leading university in Taiwan with its own coastline. The University consists of ten colleges: Liberal Arts, Science, Engineering, Management, Marine Sciences, Social Sciences, Si Wan, Medicine, Semiconductor and Advanced Technology Research, and Banking and Finance. As Kaohsiung enters a critical phase of industrial transformation driven by national initiatives such as the Semiconductor S Corridor and the Greater Southern New Silicon Valley Promotion Plan, NSYSU leverages its strategic location near Kaohsiung Harbor and major industrial clusters to strengthen its distinctive leadership in marine research while expanding its efforts in emerging fields, including AI, semiconductors, smart healthcare, and net-zero sustainability. Through these initiatives, the University cultivates a new generation of talent capable of connecting technology, the humanities, and the international community.





研究成果方面，本校長年深耕特色領域，國際學術表現持續受到肯定。依據 ESI 資料庫，共有 11 個學術領域進入全球前 1%；最新《QS》世界大學學科排名共有 16 個學科入榜，穩居全國頂尖大學前五名，其中石油工程名列全球百大，為全臺唯一進入該領域百大的大學，展現長期累積的研究實力。

在辦學品質與社會認同方面，本校近年亦創下多項佳績。104 人力銀行「最佳大學品牌力」調查中，「性格優勢」排名全國第一；《Cheers》企業最愛大學生調查躍升全臺第六；《遠見雜誌》大學排行榜則名列國際化全國第二、社會聲望全國第三，並榮獲公立大學典範獎及中大型大學組冠軍。這些成果反映本校在人才培育、國際交流與社會連結上的長期投入，也彰顯學校在高等教育環境中的發展韌性。



In research, NSYSU has long cultivated excellence in its featured areas, earning sustained international recognition for its academic achievements. According to the Essential Science Indicators (ESI) database, the University is ranked within the global top 1% in 11 academic fields. In the latest *QS World University Rankings by Subject*, NSYSU has 16 subjects ranked on the list, placing it among the top five universities in Taiwan. In particular, Petroleum Engineering is ranked among the global top 100, making NSYSU the only university in Taiwan to achieve this distinction and demonstrating the University's long-standing research excellence.

NSYSU has also achieved remarkable success in educational quality and public recognition. In the University Brand Power Survey conducted by 104 Job Bank, the University is ranked first in the Character Strengths category. It also rose to sixth place in the *Cheers*' Corporate Favorite University Students Survey. In addition, according to the Taiwan Best Universities rankings released by *Global Views Monthly*, NSYSU ranked second for internationalization and third for social prestige, received the Public University Paradigm Award, and secured first place in the Medium to Large-sized Universities category. These achievements reflect the University's long-term commitment to talent cultivation, international exchange, and social engagement, while underscoring its resilience in Taiwan's higher education landscape.

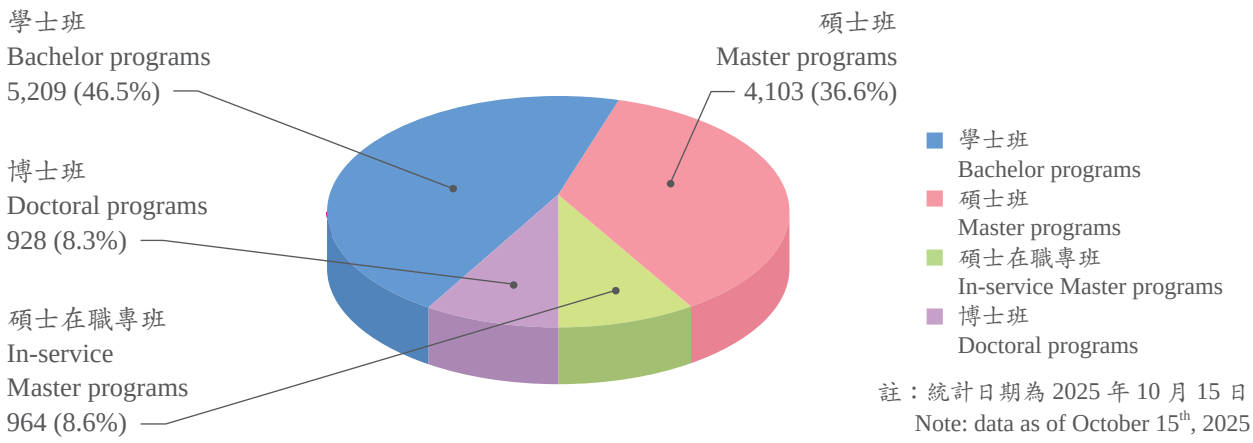
未來，本校將持續立足西子灣、深耕南方，以世界視野連結國際，以研究創新回應社會需求，發揮大學在知識創造、人才培育與城市發展中的關鍵角色，與高雄及南臺灣共同成長，朝「臺灣南方哈佛」的願景穩步邁進。



Looking ahead, NSYSU will continue to build upon its roots in Sizihwan and its commitment to southern Taiwan. While embracing the world with a global perspective and addressing societal needs through research innovation, the University will uphold its key role in knowledge creation, talent cultivation, and urban development. Together with Kaohsiung and southern Taiwan, the University will continue to grow and advance steadily toward its vision of becoming the "Harvard of the South."

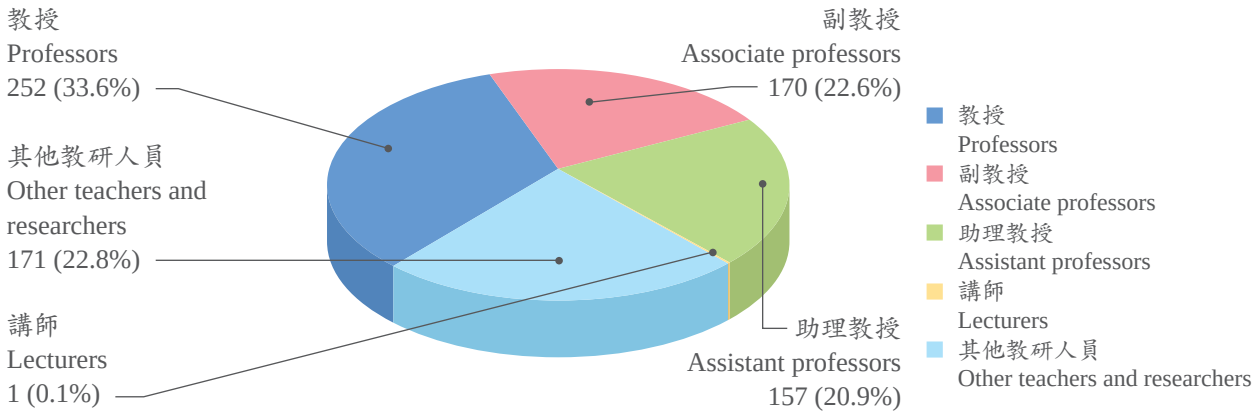


114 學年度全校學生人數為 11,204 人
11,204 students enrolled in the academic year 2025-2026

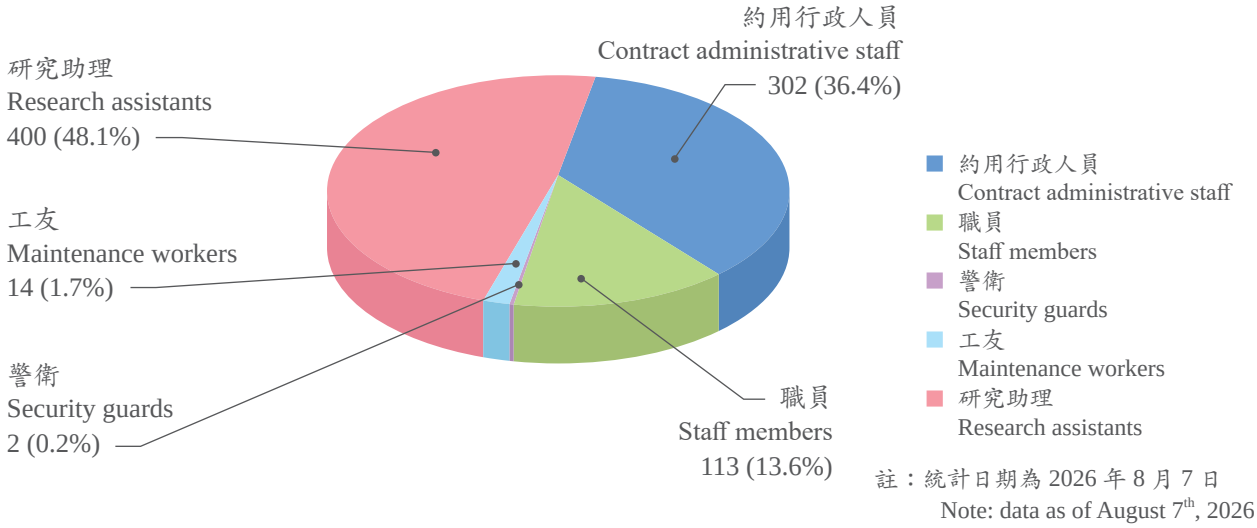


註：統計日期為 2025 年 10 月 15 日
Note: data as of October 15th, 2025

115 學年度專任教研人員人數為 751 人
751 full-time teachers and researchers employed in the academic year 2026-2027



115 學年度行政人員人數為 831 人
831 administrative employees in the academic year 2026-2027



註：統計日期為 2026 年 8 月 7 日
Note: data as of August 7th, 2026

統計至 114 學年度，畢業生總人數為 79,427 人

The total number of graduates from 1981 to 2026 is 79,427.

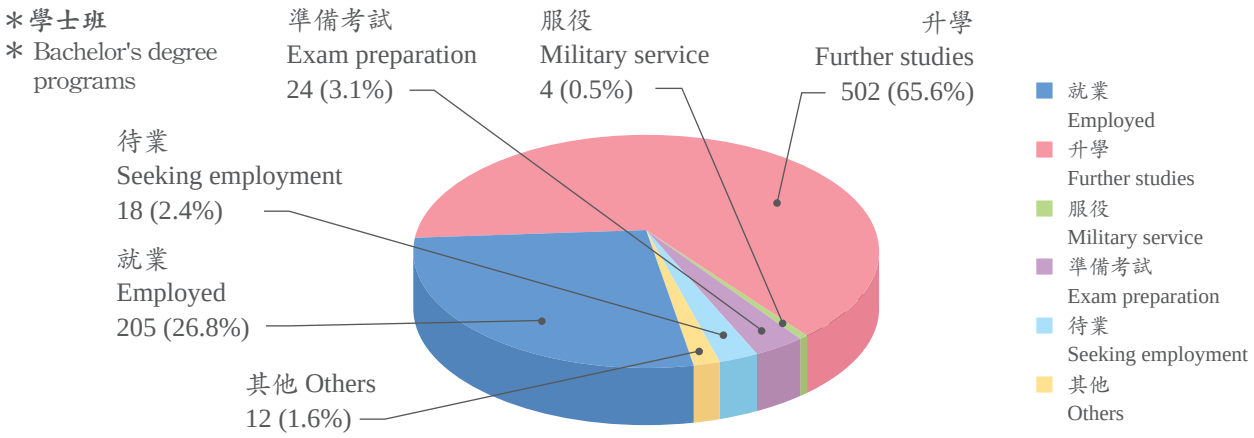
畢業生畢業學年度分布 Number of graduates by academic years	
70-79 學年度（1981-1990 AY）	3,246 人
80-89 學年度（1991-2000 AY）	13,257 人
90-99 學年度（2001-2010 AY）	24,558 人
100-106 學年度（2011-2017 AY）	17,228 人
107 學年度（2018-2019 AY）	2,456 人
108 學年度（2019-2020 AY）	2,468 人
109 學年度（2020-2021 AY）	2,714 人
110 學年度（2021-2022 AY）	2,414 人
111 學年度（2022-2023 AY）	2,577 人
112 學年度（2023-2024 AY）	2,690 人
113 學年度（2024-2025 AY）	2,833 人
114 學年度（2025-2026 AY）	2,986 人
總人數 Total	79,427 人

註：統計日期為 2026 年 9 月 16 日　Note: data as of September 16th, 2026

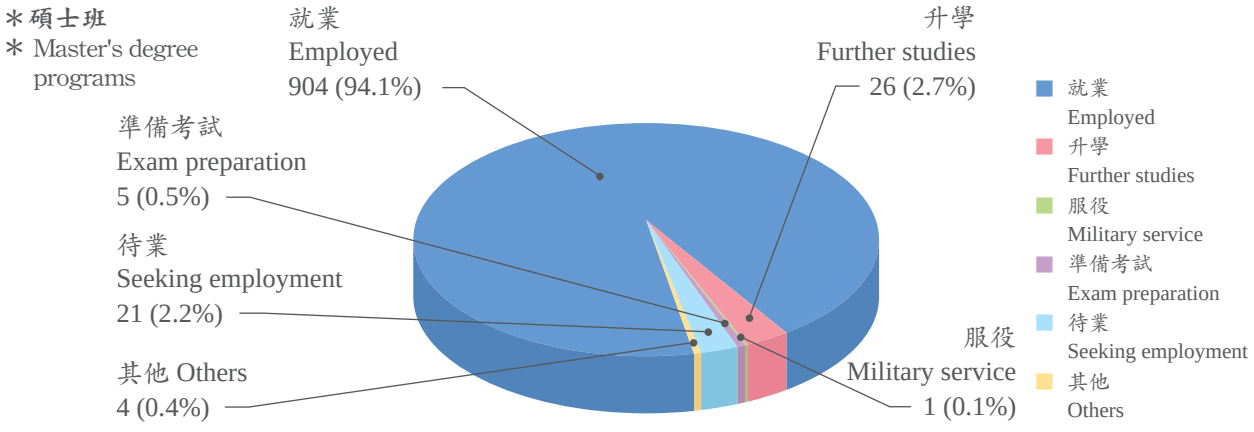
112 學年度畢業生畢業後一年流向調查

Employment survey conducted one year after graduation (2023 year graduates)

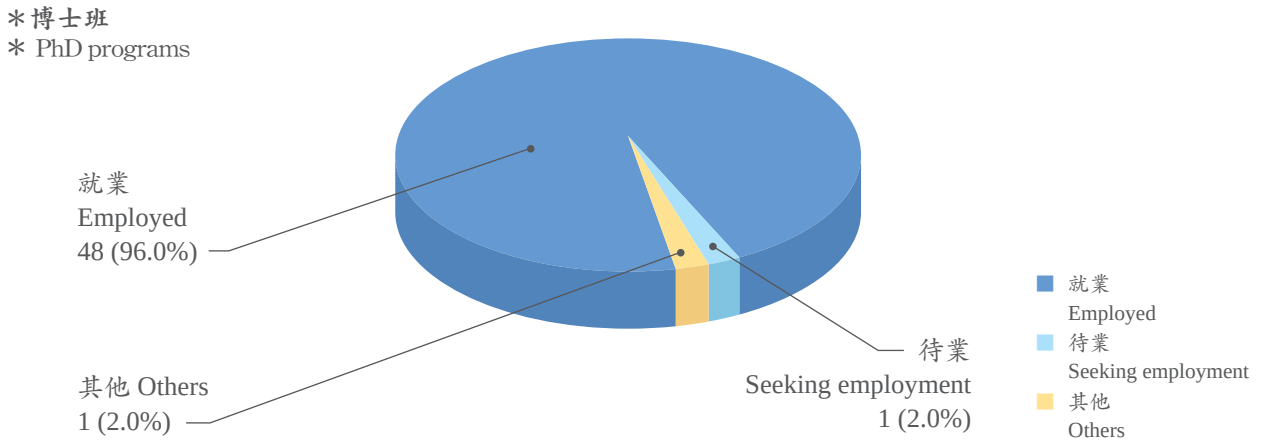
＊學士班
＊ Bachelor's degree programs



＊碩士班
＊ Master's degree programs



＊博士班
＊ PhD programs



114 年度支出分析
Expenditure analysis as of 2025

單位：元　Unit: TWD

項目 Item	金額 Amount	百分比 Percentage
教學研究及訓輔成本 Teaching and research expenses	2,686,625,932	49.11%
建教合作成本 Cooperative education expenses	1,780,502,006	32.55%
推廣教育成本 Continuing education expenses	54,545,544	1.00%
學生公費及獎勵金 Students scholarship and fellowship expenses	490,142,138	8.96%
管理及總務費用 General and administrative expenses	269,169,077	4.92%
雜項業務費用 Misc. operating expenses	26,482,353	0.48%
財務費用 Financial expenses	4,167,330	0.08%
其他業務外費用 Misc. expenses	158,925,372	2.90%
合計 Total	**5,470,559,752**	**100.00%**

備註：
1. 支出合計 5,470,559,752 元，含半導體及重點科技研究學院 207,704,739 元及國際金融研究學院 113,150,159 元。
2. 雜項業務費用為招生考試費用。
3. 其他業務外費用為各場館費用及財產交易短絀。

Remarks:
1. Total expense is $5,470,559,752, including $207,704,739 for College of Semiconductor and Advanced Technology Research and $113,150,159 for School of Banking and Finance.
2. Misc. operating expenses indicate admission examination operating costs.
3. Misc. expenses indicate venue costs.

114 年度收入分析
Income analysis as of 2025

單位：元　Unit: TWD

項目 Item	金額 Amount	百分比 Percentage
政府補助 Government funding		
教育部補助－基本需求 Education funding from Ministry of Education	1,266,161,000	22.25%
競爭型收入（含行政院國家發展基金管理會） Competitive funding （Including National Development Fund, Executive Yuan）	1,486,443,898	26.12%
自籌收入 Self-generated income		
學雜費收入 Tuition and fees	611,926,994	10.75%
產學合作收入 Academia-industry cooperation	355,095,829	6.24%
政府科研補助及委辦收入 Government subsidies for scientific research or from government commissions	1,502,402,987	26.40%
權利金收入 Royalty Income	16,228,416	0.29%
資產使用及權利金收入 Facility management and entitlement premium	169,173,555	2.97%
推廣教育收入 Continuing education	62,269,007	1.10%
受贈收入 Donation income	76,580,726	1.35%
財務收入 Financial revenues	101,799,218	1.79%
其他收入 Other income	42,018,395	0.74%
合計 Total	**5,690,100,025**	**100.00%**

備註：
1. 收入合計 5,690,100,025 元，含半導體及重點科技研究學院 246,805,433 元及國際金融研究學院 127,008,463 元。
2. 政府補助含資本門補助收入。
3. 學雜費收入已扣除減免數 91,536,219 元。
4. 資產使用及權利金收入為宿舍、停車場等活動場所收入。

Remarks:
1. Total income is $5,690,100,025, including $246,805,433 for College of Semiconductor and Advanced Technology Research and $127,008,463 for School of Banking and Finance.
2. Government funding contain includes the capital grant.
3. Tuition and fees income has exempted tuition waivers of $91,536,219.
4. Facility management and entitlement premium include dormitory fees, parking and other venue fees.

院系所總覽

學院	系　　所	學士班	碩士班	博士班	碩士在職專班
文學院	中國文學系	●	●	●	
	外國語文學系	●	●	●	
	音樂學系	●	●		
	劇場藝術學系	●	●		
	哲學研究所		●	●	
	藝術管理與創業研究所		●		
理學院	化學系	● #	●	●	
	物理學系	● #	●	●	●
	生物科學系	● #	●	●	●
	應用數學系	● #	●	●	
	理學國際博士學位學程			● *※	
工學院	電機工程學系	● #	●	●	●
	積體電路設計研究所		●		
	機械與機電工程學系	● #	●	●	●
	資訊工程學系	●	●	●	
	資訊工程學系資訊安全碩士班		●		
	資訊工程學系資訊安全博士班			●	
	資訊工程學系全英語學士班	● #			
	資訊工程學系科技犯罪偵查資通訊碩士在職專班				●
	材料與光電科學學系	● #	●	●	
	材料與光電科學學系前瞻應用材料碩士班		●		
	光電工程學系	● #	●	●	
	環境工程研究所		●	●	●
	通訊工程研究所		●	●	
	電機電力工程國際碩士學位學程		● *※		
	電信工程國際碩士學位學程		● *※		
	◎緯創資通 AI 跨域應用產業碩士專班		●		
管理學院	企業管理學系	●	●	●	
	資訊管理學系	●	●	●	●
	資訊管理學系電子商務與商業分析數位學習碩士在職專班				●
	財務管理學系	●	●	●	●
	公共事務管理研究所		●	●	●
	人力資源管理研究所		●	●	●
	人力資源管理研究所策略人才管理碩士在職專班				●
	行銷傳播管理研究所		●		●
	國際經營管理碩士學程		● *※		
	人力資源管理全英語碩士學位學程		● *※		
	高階經營碩士學程在職專班				● *
	金融創新產業碩士專班		●		
	◎會計與數據分析產業碩士專班		●		

學院	系　　所	學士班	碩士班	博士班	碩士在職專班
	兩岸高階主管經營管理碩士在職專班				●
	國際經營管理全英語學士學位學程	● *※			
海洋科學學院	海洋生物科技暨資源學系	● #	●	●	
	海洋環境及工程學系	● #	●	●	●
	海洋環境及工程學系離岸風電海事工程碩士班		●		
	海洋科學系	●	●	●	
	海下科技研究所		●		
	海洋事務研究所		●		
	海洋生物科技博士學位學程			● *	
	海洋生態與保育研究所		●		
	海洋科學與科技全英語博士學位學程			● *※	
社會科學院	政治經濟學系	●			
	社會學系	●	●		
	社會學系原住民碩士在職專班				●
	政治學研究所		●	●	●
	經濟學研究所		●		●
	中國與亞太區域研究所		●	●	●
	中國與亞太區域研究所現役軍人營區行政管理碩士在職專班				●
	教育研究所		●	●	●
	教育與人類發展研究全英語博士學位學程			● *※	
	教育與人類發展研究全英語碩士學位學程		● *※		
	亞太事務全英語碩士學位學程		● *※		
	◎全球公民權碩士學位學程		● *		
	高階公共政策碩士學程在職專班				● *
西灣學院	◎人文暨科技跨領域學系	●			
	人文暨科技跨領域學士學位學程	● *			
	社會創新研究所		●		
	國際跨域學士學位學程原住民族專班	● *			
醫學院	學士後醫學系	●			
	臨床醫學科學博士學位學程			● *	
	生物醫學研究所		●	●	
	醫學科技研究所		●	●	
	生技醫藥研究所		●	●	
	精準醫學研究所		●	●	
	生物醫學科技學系全英語學士班	●			
	護理學系	●			
半導體及重點科技研究學院	先進半導體封測研究所		●		
	電子材料與機電整合研究所		●		
	創新半導體製造研究所		●	●	
國際金融研究學院	國際資產管理研究所		●		
	數位與永續金融研究所		●		

◎ 115 學年度新設學系所 * 學位學程 ※ 全英語學位學程 # 學士班設有全英語組

Program Overview

College	Department/Institute	Bachelor	Master	Ph.D.	In-service Master
College of Liberal Arts	Department of Chinese Literature	●	●	●	
	Department of Foreign Languages and Literature	●	●	●	
	Department of Music	●	●		
	Department of Theatre Arts	●	●		
	Institute of Philosophy		●	●	
	Institute of Arts Management and Entrepreneurship		●		
College of Science	Department of Chemistry	● #	●	●	
	Department of Physics	● #	●	●	
	Department of Biological Sciences	● #	●	●	●
	Department of Applied Mathematics	● #	●	●	
	International Ph.D. Program for Science			● *※	
College of Engineering	Department of Electrical Engineering	● #	●	●	●
	Institute of Integrated Circuit Design		●		
	Department of Mechanical and Electro-Mechanical Engineering	● #	●	●	●
	Department of Computer Science and Engineering	●	●	●	
	Master/Ph.D. Program of Information Security, Department of Computer Science and Engineering		●	●	
	Department of Computer Science and Engineering (EMI program)	● #			
	Degree Program of Information and Communication for Technology Crime Investigation				●
	Department of Materials and Optoelectronic Science	● #	●	●	
	Institute of Advanced Applied Materials		●		
	Department of Photonics	● #	●	●	
	Institute of Environmental Engineering		●	●	●
	Institute of Communications Engineering		●	●	
	International Master's Program in Electric Power Engineering		● *※		
	International Master's Program in Telecommunication Engineering		● *※		
	◎ Master's Program in AI Interdisciplinary Applications with Wistron Industrial Technology		●		
College of Management	Department of Business Management	●	●	●	
	Department of Information Management	●	●	●	●
	Online Master of Information Management in Electronic Commerce and Business Analytics				●
	Department of Finance	●	●	●	●
	Institute of Public Affairs Management		●	●	●
	Institute of Human Resource Management		●	●	●
	In-service Master's Program of Strategic Talent Management, Institute of Human Resource Management				●
	Institute of Marketing Communications Management		●		●
	Master of Business Administration Program in International Business		● *※		
	Global Human Resource Management English MBA Program		● *※		
	Executive Master in Business Administration				● *
	Industrial Technology Graduate Program in Financial Innovation		●		
	◎ Industry Master's Program in Accounting and Data Analytics		●		

College	Department/Institute	Bachelor	Master	Ph.D.	In-service Master
	Cross-Strait Executive Master of Business Administration				●
	International Business Bachelor Program	● *※			
College of Marine Sciences	Department of Marine Biotechnology and Resources	● #	●	●	
	Department of Marine Environment and Engineering	● #	●	●	●
	Master Program in Offshore Wind Power Maritime Engineering, Department of Marine Environment and Engineering		●		
	Department of Oceanography	●	●	●	
	Institute of Undersea Technology		●		
	Graduate Institute of Marine Affairs		●		
	Doctoral Degree Program in Marine Biotechnology			● *	
	Institute of Marine Ecology and Conservation		●		
	International Doctoral Program of Marine Science and Technology			● *※	
College of Social Sciences	Department of Political Economy	●			
	Department of Sociology	●	●		
	Master of Indigenous Studies in Sociology				●
	Institute of Political Science		●	●	●
	Institute of Economics		●		●
	Institute of China and Asia- Pacific Studies		●	●	●
	The Master of Public Administration Program for Military Activeduty Personnel				●
	Institute of Education		●	●	●
	International Doctoral Program of Education and Human Development			● *※	
	International Master Program of Education and Human Development		● *※		
	International Master Program in Asia-Pacific Affairs		● *※		
	◎ SOAS-NSYSU Global Citizenship Joint Master Degree Program		● *		
	The Executive Master of Public Policy Program				● *
Si Wan College	◎ Department of Interdisciplinary Studies	●			
	Program for Interdisciplinary Studies	● *			
	Institute of Social Innovation		●		
	International Indigenous Interdisciplinary Program	● *			
College of Medicine	School of Medicine	●			
	Doctoral Program of Clinical and Experimental Medicine			● *	
	Institute of Biomedical Sciences		●	●	
	Institute of Medical Science and Technology		●	●	
	Institute of BioPharmaceutical Sciences		●	●	
	Institute of Precision Medicine		●	●	
	Biomedical Science and Technology	●			
	Department of Nursing	●			
College of Semiconductor and Advanced Technology Research	Institute of Advanced Semiconductor Packaging and Testing		●		
	Institute of Electronic Materials and Mechatronics		●		
	Institute of Innovative Semiconductor Manufacturing		●	●	
School of Banking and Finance	Institute of Global Asset Management		●		
	Institute of Global Digital and Sustainable Finance		●		

◎ Newly established *Degree program ※EMI degree program #With EMI bachelor program





校園建設

Our Campus



本校秉持綠色永續發展理念，持續推動校園建設、環境優化與節能改善。從校區規劃、住宿空間到能源管理等面向同步精進，以軟硬體並進的方式，打造更加完善、安全的韌性校園，提供師生優質且安心的學習與工作場域。

在基礎建設方面，配合中長程校務發展規劃，114 年啟動國際商工校區作為醫學院校區的可行性評估，全面盤點校地資源與空間需求，並就教學、研究、臨床及生活機能進行整體配置規劃，奠定醫學院長遠發展的重要依據。此外，響應國家科技產業政策，建置「大南方半導體聯合實驗室」，並於 114 年 5 月正式啟用。該實驗室聚焦半導體製造、封裝測試、電子零組件、材料開發與分析等領域，旨在打造頂尖的人才培育基地，進一步深化產學合作與跨領域研究能量。

在住宿品質方面，配合教育部「新世代學生住宿環境提升計畫」，本校於 114 年完成翠亨宿舍 L 棟整修。工程以學生需求為核心，落實「共宿、共生、共融、共學、共享」理念，全面優化基本設施與公共空間，讓宿舍轉型為交流互動、自主學習及多元成長的育人場域，大幅升級校園生活體驗。同時，翠亨宿舍 H 棟整修工程亦依循相同理念緊鑼密鼓推進，著重改善居住環境與公共設施，預計於 115 年完工。



In line with the principles of green and sustainable development, NSYSU continues to advance in campus construction, environmental enhancement, and energy-saving improvement initiatives. Through comprehensive refinements in campus planning, residential facilities, and energy management, the University integrates both hardware and software advancements to build a more well-equipped, safe, and resilient campus, providing students and faculty with an optimal and secure environment to learn and work.

In terms of infrastructure development, in alignment with the University's medium- and long-term development plan, NSYSU launched a feasibility assessment in 2025 on transforming the former Kuochi Senior Vocational School of Commerce and Technology campus into the future campus of its College of Medicine. The assessment comprehensively reviewed land resources and space requirements while developing an integrated plan covering teaching, research, clinical training, and living amenities, laying a solid foundation for the College's long-term development. In addition, in support of Taiwan's national science and technology industry policies, the University established the Greater Southern Joint Lab for Semiconductor Technology, which officially commenced operations in May 2025. Focusing on semiconductor manufacturing, packaging and testing, electronic components, materials development, and analytical technologies, the Lab serves as a premier talent cultivation base while further strengthening industry-academia collaboration and interdisciplinary research capacity.

Regarding residential quality, NSYSU completed the renovation of Building L of Tsui Heng Villa in 2025 under the Ministry of Education's Next Generation Student Dormitory Living Environment Improvement Project. Centered on students' needs, the project embraces the concepts of co-residence, co-living, co-integration, co-learning, and co-creation. Comprehensive upgrades to residential facilities and communal spaces have transformed the dormitory into a vibrant environment that fosters interaction, independent learning, and diverse growth, significantly enriching campus life. The renovation of Building H of Tsui Heng Villa is also progressing under the same design philosophy, with a focus on improving living conditions and public facilities, and is scheduled for completion in 2026.



在節能永續方面，台灣電力公司投入新台幣 1 億元建置本校微電網系統，以國際研究大樓為示範場域，整合太陽光電、儲能設備及智慧能源管理系統，打造智慧綠能校園。該系統平時可優化用電管理並降低營運成本；當颱風、地震或停電等緊急事件發生時，則可自動切換為孤島運轉模式，優先維持關鍵設施供電，防災模式下更可支援重要設施連續供電超過 48 小時，強化校園防災應變能力。



此外，114 年持續汰換老舊耗能設備，於行政、教學及宿舍區共更換 255 台使用逾 9 年的定頻冷氣，並全面更新電資大樓大型中央空調。此項改善措施每年可減少用電約 57.4 萬度、節省電費約 183.5 萬元，並降低碳排量 272 公噸，切實履踐低碳綠色校園願景。

In pursuit of energy conservation and sustainability, Taipower has invested TWD 100 million to establish a campus microgrid system at NSYSU, with the Building of International Research serving as the demonstration site. The system integrates solar photovoltaic generation, energy storage facilities, and an intelligent energy management system to create a smart green campus. Under normal operating conditions, it optimizes electricity management and reduces operating costs. During emergencies such as typhoons, earthquakes, or power outages, the system automatically switches to islanding mode, prioritizing electricity supply to critical facilities. In disaster-response mode, it can provide a continuous power supply to essential facilities for more than 48 hours, significantly strengthening the University's disaster preparedness and resilience capabilities.

In addition, NSYSU advanced replacing aging, energy-intensive equipment in 2025. A total of 255 fixed-frequency air conditioners that had been in use for more than nine years were replaced across administrative, academic, and dormitory areas. Furthermore, major central cooling systems in the Building of Electrical Engineering were also upgraded. Annually, these improvements yield roughly 574,000 kWh in electricity saving, a decrease of approximately TWD 1.835 million in electricity expenses, and a reduction of 272 metric tons in carbon emissions, tangibly demonstrating the University's steadfast commitment to realizing its vision of a low-carbon, green campus.



台電挹注 1 億元 建置微電網可供電 48 小時

攜手台灣電力股份有限公司推動「115 年度大學節能及電力韌性推動建置案」，獲台電投入新台幣 1 億元，建置結合再生能源、儲能設備與智慧能源管理的微電網系統，以國研大樓為示範場域，提升校園節能與防災量能。學校長期投入綠能及智慧能源管理，已建置超過千顆智慧電表、太陽能發電系統及全校即時電能監控機制，推動節能措施逾 10 年，整體節能成效約 10%。未來微電網完成後，停電或災害發生時可切換為獨立供電模式，優先維持重要設施運作，支援防災據點 48 小時以上用電需求，同時作為智慧電網與能源科技教研平台，持續推進校園永續。



Taipower invests TWD 100 million to build a microgrid, ensuring up to 48 hours of backup power

NSYSU partnered with Taiwan Power Company (Taipower) to implement the University Energy Conservation and Power Resilience Promotion Project (Year 2026), receiving an investment of TWD 100 million from Taipower to establish a microgrid system integrating renewable energy, energy storage, and smart energy management. With the Building of International Research serving as the demonstration site, the project aims to enhance campus energy conservation and disaster resilience. The University has long invested in green energy and smart energy management, having installed more than 1,000 smart meters, solar power generation systems, and a campus-wide real-time energy monitoring mechanism. With over a decade of implementing energy conservation measures, the University has achieved an overall energy-saving rate of approximately 10%. Once completed, the microgrid will be capable of switching to an independent power supply mode during power outages or disasters, prioritizing electricity supply to critical facilities and supporting the power needs of disaster response sites for more than 48 hours. It will also serve as a teaching and research platform for smart grids and energy technologies, further advancing campus sustainability.





領辦全國環安衛會議 建構零災害安全校園

持續強化環境安全衛生管理，打造健康、安全、永續的校園環境。114 年度承辦教育部全國大專校院環境安全衛生主管聯席會議，邀集各校及相關機關交流環安衛管理經驗，並辦理實驗室意外事故處理演練，透過情境模擬提升化學物質事故應變能力。近年環安衛績效備受肯定，榮獲 112 年國家永續發展獎、114 年經濟部節能標竿獎，通過教育部校園職業安全衛生管理制度認可，職安人員亦獲校園安全衛生管理創新作為優等獎。截至 114 年，校園累積無災害工時達 2,151 萬 2,728 小時，持續深化安全文化，落實永續校園。



Hosting the national environmental safety and health meeting to build a zero-accident campus

NSYSU continues to strengthen environmental safety and health management to create a healthy, safe, and sustainable campus environment. In 2025, the University hosted the Ministry of Education's National Joint Meeting of Environmental Safety and Health Directors of Universities and Colleges, bringing together representatives from universities and relevant agencies to exchange experiences in environmental safety and health management. The University also conducted laboratory accident response drills, using scenario-based simulations to improve its ability to respond to chemical incidents. In recent years, NSYSU's environmental safety and health performance has received recognition, including the 2023 National Sustainable Development Award and the 2025 Energy Conservation Benchmarking Award from the Ministry of Economic Affairs. The University has also passed the Ministry of Education's certification of its Campus Occupational Safety and Health Management System, while its occupational safety personnel received an Excellence Award for innovative practices in campus safety and health management. As of 2025, the campus accumulated 21,512,728 accident-free working hours, further deepening its safety culture and advancing campus sustainability.







「換位思考」深入大型車駕駛視角 打造沉浸式交通安全教育

舉辦「交通安全週」系列活動，透過大型車視野死角體驗、機車健檢、安全宣導講座及酒醉眼鏡體驗等方式，提升師生用路安全意識。活動安排大型車駛入校園，讓教職員生從駕駛視角了解視線盲區、內輪差等行車風險，強化防禦駕駛觀念；機車健檢提供煞車、胎壓及胎紋檢測服務，協助師生維護行車安全。因應學生以機車、自行車為主要交通工具，學校持續透過教育宣導與實作體驗，培養安全用路習慣，近年校園交通事故逐年下降，顯現交通安全推廣成果。

Experiencing the road from a heavy-vehicle driver's perspective to create immersive traffic safety education

NSYSU organized a series of activities during Traffic Safety Week, including heavy-vehicle blind-spot experiences, motorcycle safety inspections, traffic safety lectures, and drunk-driving simulation using impairment goggles, to raise traffic safety awareness among faculty, staff, and students. Heavy vehicles were brought onto campus to allow faculty, staff, and students to experience road risks from the driver's perspective, including blind spots and off-tracking, thereby strengthening defensive driving awareness. Motorcycle safety inspections also provided brake, tire pressure, and tread checks to help faculty, staff, and students maintain safe vehicles. As motorcycles and bicycles are the primary modes of transportation for many students, the University continues to promote safe road-use habits through educational campaigns and hands-on experiences. The consistent decrease in campus traffic accidents in recent years demonstrates the effectiveness of these traffic safety initiatives.





退役校車華麗轉身
活化校產打造永續咖啡餐車

陪伴師生 21 年的校車，於服役期滿後未直接報廢，而是透過校產活化再利用，改造為校園咖啡餐車，進駐海洋科學院，延續服務師生的新使命。學校盤點發現車體結構與空調設備仍維持良好狀態，遂結合校內餐飲需求與民間業者營運，打造兼具休憩、用餐與交流功能的校園空間。改造後的咖啡餐車提供師生更便利的餐飲服務，也成為海洋科學院周邊的重要休憩據點，廣受師生肯定。此項計畫落實資源循環利用與校產活化理念，兼顧環境永續、校園生活品質與人文關懷，展現本校以創新思維推動永續校園發展的具體成果。

Transforming the retired University bus into a sustainable mobile café through campus asset revitalization

After serving faculty and students for 21 years, a retired University bus was not simply scrapped at the end of its service life. Instead, through the revitalization and reuse of campus assets, it was transformed into a mobile campus café and relocated to the College of Marine Sciences, taking on a new mission of serving the University community. An assessment found that the bus's structural framework and air-conditioning system remained in good condition. Therefore, the University partnered with a private operator to address the campus community's dining needs, creating a space for relaxation, dining, and social interaction. The renovated mobile café provides more convenient dining services for faculty, staff, and students. It has become an important gathering and leisure spot near the College of Marine Sciences and has received positive feedback from the University community. The project not only puts the principles of resource circulation and campus asset revitalization into practice but also balances environmental sustainability, campus quality of life, and care for the University community, demonstrating NSYSU's achievements in sustainable campus development through innovative thinking.



「循循善用」推動袋類循環實踐永續校園

推動「循循善用」袋類循環計畫，於學生宿舍、餐廳及便利商店等生活場域設置循環箱，鼓勵師生捐出閒置袋類，延長物品使用壽命，減少一次性袋類消耗。截至目前，已募集近 800 個袋子，促成 560 次循環再利用。計畫亦與校友創立的無包裝商店「C HOUSE 無包裝蛤作社」合作，將循環模式延伸至校外社區，並加入環境部「袋袋箱傳」平臺，串聯二手袋循環網絡，最遠將 100 個提袋送往綠島使用。透過資源循環、環境教育及跨域合作，將永續理念融入校園日常，建立可長期實踐的生活模式。



Promoting bag reuse through the Reduce, Reuse, Recycle project to advance campus sustainability

NSYSU launched the "Reduce, Reuse, Recycle" bag reuse project, placing collection boxes at campus locations such as student dormitories, restaurants, and convenience stores to encourage faculty, staff, and students to donate unused bags, extend the useful lifespan of the bags, and reduce the consumption of disposable bags. To date, nearly 800 bags have been collected, facilitating 560 instances of reuse. The project also collaborates with C HOUSE, a packaging-free cooperative founded by an NSYSU alumna, extending the circular model to off-campus communities. This initiative has also joined the Ministry of Environment's Rebag & Box Circulation Platform, connecting with a second-hand bag reuse network, with 100 bags sent as far as Lyudao for reuse. Through resource circulation, environmental education, and cross-sector collaboration, NSYSU integrates sustainability concepts into daily campus life and establishes a long-term lifestyle model.







當 AI 遇見余光中
45 週年校慶雙聯展詮釋人文創新

適逢本校 45 週年校慶，文學院於校內 360 藝文空間舉辦《AI、詩與光影：當「靈光」遇見「陽光」》雙聯展，以詩人余光中作品為核心，向這位曾任教於本校的人文大師致敬。展覽由「數位人文與 AI 藝術潛力國際研究群」策劃，於「人文科技週」展出，運用 AI 生成藝術、聲音轉譯、互動裝置、詩作及攝影等多元形式，探討科技時代的人文價值與創作靈感。展覽包含《靈光「現」場：文藝家與他們的產地》及《縮時顯影：季節光影印象》兩大展區，由藝術家陳昱榮、謝福音、南嶼詩社及文學院師生共同參與，呈現數位人文、藝術創作及跨域合作成果，豐富校園藝文底蘊，展現人文與科技並進的辦學特色。

When AI meets Kwang-chung YU: Dual exhibition marks NSYSU's 45th anniversary through humanistic innovation

To mark the 45th anniversary of NSYSU, the College of Liberal Arts hosted the dual exhibition AI, Poetry, and Light and Shadow: When "Aura" Meets "Sunshine" at the 360 University House, taking the works of the poet Kwang-chung YU as its inspiration and paying tribute to a master of the humanities who once taught at NSYSU. Presented as part of Humanities and Technology Week, two sections of the dual exhibition were *Aura "Present" Scene: Artists and Their Places of Origin* and *Phos & Graphe: Seasonal Impressions*. The former was curated by artists Yu-Jung CHEN, Fu-Yin HSIEH, and the University's International Research Cluster for Potentials in Digital Humanities and AI Arts, and the latter by the curatorial team of the Nanyu Poetry Club. Diverse forms of presentation, such as AI-generated art, sound interpretation, interactive installations, poetry, and photography, are used to explore humanistic values and creative inspiration in the age of technology. Artists, members of the Nanyu Poetry Club, and faculty and students of the College of Liberal Arts collaborated on the exhibition, presenting achievements in digital humanities, artistic creation, and interdisciplinary cooperation. The exhibition enriched the campus's cultural and artistic environment while demonstrating NSYSU's characteristic of advancing the humanities alongside science and technology.







研究亮點

Distinguished Academic Achievements

2026 年《QS》世界大學學科排名本校 16 學科入榜，持續穩居全國第五。本校教師近 5 年（110 年至 114 年）發表 SCIE、SSCI、AHCI 期刊論文質量俱佳，查詢 WOS 資料庫平均每年 1,552 篇，國際合作論文數平均為 679 篇，佔總發表論文篇數 44%。SciVal 資料庫中，本校教師 2025 年發表在期刊排名前 25% 的論文比例達 76.7%，占比在國內頂尖大學中排名第三。

在 ESI 資料庫 22 個研究領域中，本校於 2026 年有 10 學門及全領域，共 11 領域的論文被引用次數列全球前 1%，其中化學、工程學、材料科學、臨床醫學及環境與生態學表現最佳，位居綜合型頂尖大學第四。以本校規模及教師人數觀之，表現優異。2025 年公布的全球前 2% 頂尖科學家榜單，本校共有 60 名學者榮列其中，有 6 人於影響力排行榜領域排名全國第一。資料分析服務商科睿唯安公布 2025 年「高被引學者」名單，入榜者僅占全世界學者的千分之一，本校物理學系黃信銘副教授入榜。

教師的學術研究表現深獲國科會與教育部肯定。執行國科會計畫件數及金額逐年增加，專題研究計畫經費 2025 年達 9 億 6,522 萬元，再創高峰。此外，年年均有教師榮獲重要學術研究獎項，至 2026 年有中央研究院院士 1 人、教育部終身國家講座 3 人、教育部國家講座 7 人次、行政院傑出科技貢獻獎 2 人、教育部學術獎 7 人、教育部師鐸獎 5 人、國科會傑出研究獎 74 人次、國際重要學會會士數 34 人次、國科會吳大猷先生紀念獎 33 人、教育部玉山學者 5 人、教育部玉山青年學者 5 人、中研院年輕學者研究成果獎 3 人等。

In the 2026 QS *World University Rankings by Subject*, NSYSU had 16 subjects ranked, continuing to rank fifth nationwide in this category. According to the Web of Science (WoS), NSYSU faculty published an annual average of 1,552 papers in SCIE, SSCI, and AHCI journals between 2021 and 2025. Of these, an average of 679 papers involved international collaboration, accounting for 44% of the University's total publications. Additionally, the SciVal indicated that 76.7% of NSYSU faculty publications appeared in journals ranked in the top 25%, the third highest proportion among top universities nationwide.

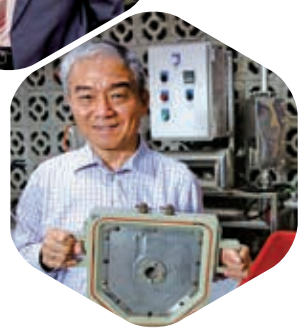
According to the 2026 Essential Science Indicators (ESI), among its 22 research fields, NSYSU ranked among the world's top 1% by citations in ten research fields, as well as in the overall category, for a total of 11 fields. Its strongest-performing fields include Chemistry, Engineering, Materials Science, Clinical Medicine, and Environment/Ecology. These results place NSYSU fourth among Taiwan's leading comprehensive universities—an especially notable achievement given the University's relatively compact faculty and institutional scale. In addition, 60 scholars from the University were on the list of the 2025 World's Top 2% Scientists, six of whom ranked first nationwide in their respective fields on the Scientific Impact Ranking. Moreover, Associate Professor Shin-Ming HUANG from the Department of Physics was named to Clarivate Analystic's 2025 Highly Cited Researchers list, an honor accorded to only one in a thousand scholars worldwide.

The academic performance of NSYSU faculty has been highly recognized by both the National Science and Technology Council (NSTC) and the Ministry of Education (MOE). The number of NSTC projects and the total amount of funding have increased year by year, with the NSTC Research Project Grant reaching TWD 965.22 million in 2025, setting a new record. Each year, NSYSU faculty members receive prestigious awards and honors in recognition of their academic and research excellence. As of 2026, the University has one Academician of Academia Sinica, three MOE Lifetime National Chair Professors, seven MOE National Chair Professorships, two Executive Yuan Awards for Outstanding Science and Technology Contribution, seven MOE Academic Awards, five MOE Excellent Teacher Awards, 74 NSTC Outstanding Research Awards, 34 fellowships in major international academic societies, 33 NSTC Ta-You Wu Memorial Awards, five MOE Yushan Fellows, five MOE Yushan Young Fellows, and three Academia Sinica Early-Career Investigator Research Achievement Awards.

此外，本校高等教育深耕計畫第二期（112 年至 116 年）共有永續智慧電子商務研究中心、晶體研究中心、6G 通訊與感測研究中心、代謝異常脂肪肝卓越研究中心、策略與人力資本研究中心、全球共生與國際漢學研究中心，及氣膠科學研究中心等 7 個特色領域研究中心。並新增「國家重點領域頂尖研究中心－科學導向海洋科技研發中心」，深入推展全球重要議題的研究，對國際社會作出貢獻，並提升學術影響力。







2026 年，本校依循國家政策與社會需求，運用校內研究能量並結合政府資源，持續推動國際研究合作。透過 UAAT 國際學術聯盟，以及與美國亞利桑那大學合作成立 SPARK 研發中心，協助教師鏈結國際頂尖研究團隊，拓展合作研究機會，持續累積研究成果與影響力。未來將以教育部人才永續發展促進計畫補助經費，強化人才永續發展機制，發揮本校作為南臺灣重點研究型大學及人才培育重鎮之角色。





Furthermore, under Phase 2 of the MOE Higher Education SPROUT Project (2023-2027), NSYSU has seven featured area research centers including the Sustainable Intelligent Electronic Commerce Research Center, the Center of Crystal Research, the 6G Communication and Sensing Research Center, the Center of Excellence for Metabolic Associated Fatty Liver Disease, the Center for Strategy and Human Capital Research, the Global Co-Becoming and International Sinology Research Center, and the Aerosol Science Research Center. NSYSU has also established the new Top Research Center in National Key Fields: Marine-Science-Oriented Ocean Technology Implementation Center. Through these centers, NSYSU advances research on global issues, contributes to the international community, and enhances its academic influence.

In 2026, in accordance with national policies and societal needs, NSYSU continues to leverage its internal research capabilities together with government resources to promote international research collaborations. Through the University Academic Alliance in Taiwan (UAAT) and SPARK, a research center established in partnership with the University of Arizona, the University helps faculty members connect with leading international research teams, expand collaborative research opportunities, and continue building research achievements and impact. In the future, NSYSU will utilize funding from the MOE Higher Education Talent Sustainability Development and Recruitment Program to strengthen the mechanism for sustainable talent development. These efforts will further reinforce the University's role as a leading research university and a major hub for talent development in southern Taiwan.



科研實力卓越
學者榮獲多項國家級學術大獎

本校教師學術研究表現卓越，屢獲國家級大獎肯定。環境工程研究所高志明講座教授長年深耕土壤及地下水汙染防治，其綠色整治技術具效率且兼顧永續，榮獲國科會 114 年度傑出特約研究員獎。此外，3 位學者榮獲國科會 114 年度傑出研究獎，包含通訊工程研究所李志鵬特聘教授（二度獲獎）、環境工程研究所林淵淙特聘教授，以及教育研究所邱文彬教授，展現本校在電







NSYSU faculty's outstanding research excellence is recognized with numerous national academic awards

NSYSU faculty members continue to demonstrate outstanding research performance, earning recognition through numerous national academic awards. Jimmy C. M. KAO, Chair Professor of the Institute of Environmental Engineering, has long devoted himself to soil and groundwater contamination remediation. His efficient and sustainable green remediation technologies earned him the 2025 Academic Research Award – Merit NSTC Research Fellow from the National Science and Technology Council (NSTC). In addition, three faculty members received the 2025 Outstanding Research Award from the NSTC: Distinguished Professor Chih-Peng LI of the Institute of Communications Engineering, who received the award for the second time; Distinguished Professor Yuan-Chung LIN of the Institute of Environmental Engineering; and

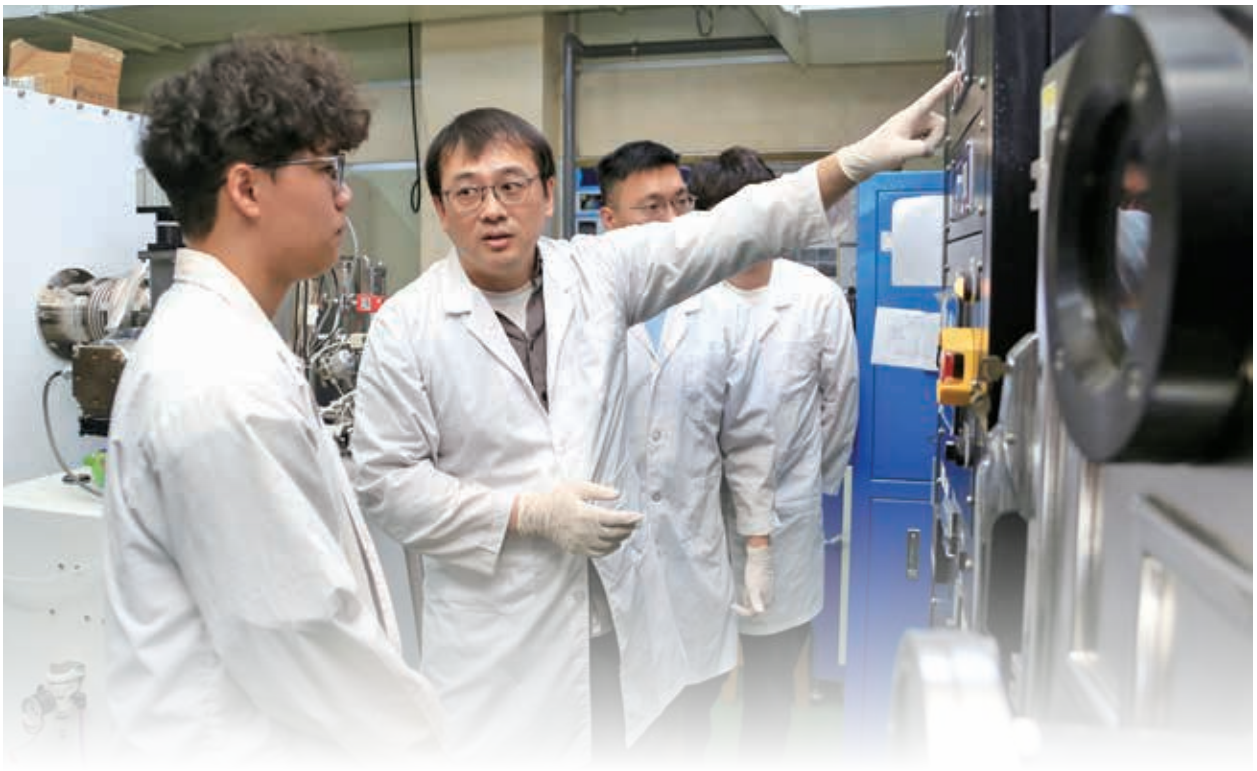


信工程、環境工程與教育學等領域的深厚科研實力。青年學者方面，生物科學系李昆澤特聘教授結合呼吸訊號與脊髓磁刺激技術，開創非侵入式神經復健新方向，為脊髓損傷患者帶來恢復呼吸功能的全新契機，獲頒傑出人才發展基金會年輕學者創新獎。此外，財管系邱敬貿教授獲 114 年度呂鳳章先生紀念獎章。



Professor Wen-Bin CHIOU of the Institute of Education. Their achievements demonstrate NSYSU's strong research capabilities in the fields of telecommunications engineering, environmental engineering, and education. Among young scholars, Distinguished Professor Kun-Ze LEE of the Department of Biological Sciences has integrated respiratory signals with spinal magnetic stimulation technology to pioneer a new non-invasive approach to neurorehabilitation, offering hope for restoring respiratory function in patients with spinal cord injuries. He received the Young Scholar Innovation Award from the Foundation for the Advancement of Outstanding Scholarship. Professor Jun-Mao CHIU of the Department of Finance also received the 2025 Mr. Lu Feng-zhang Memorial Medal.



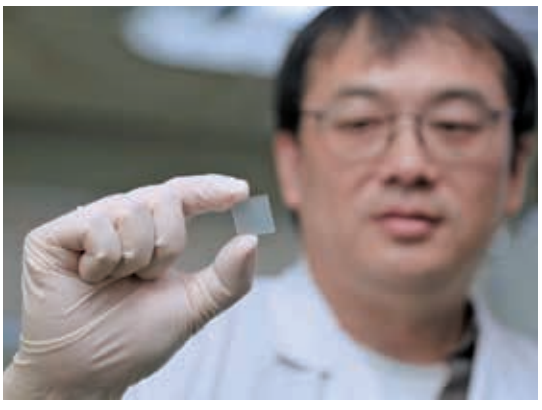


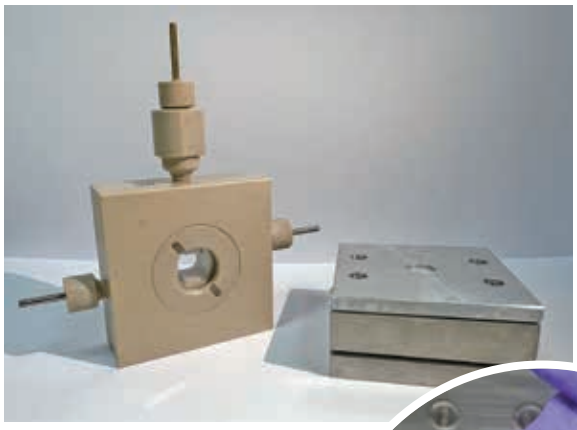
創新光觸媒轉化二氧化碳助減碳產能

光電工程學系李炫錫副教授團隊致力研發新型光觸媒技術，成功模擬植物光合作用原理，開發創新奈米光觸媒材料，能利用太陽光將二氧化碳高效轉換為甲烷等燃料，為全球暖化提供新解方，成果獲登國際頂尖期刊《應用催化 B：環境與能源》。此外，該團隊更精確調控合成出 Z 型異質結構光觸媒，可將二氧化碳高效轉化為一氧化碳。此技術大幅降低材料成本，且二氧化碳捕獲能力與電荷轉移效率達 100%，達成減碳與產出再生能源雙重效益，成果榮登國際知名期刊《化學工程》。

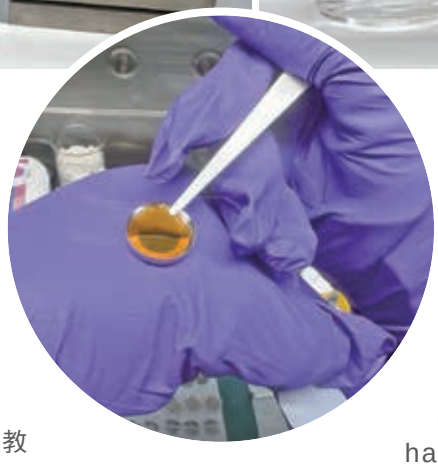
Innovative photocatalytic technology transforming CO_2 into valuable fuel for carbon reduction and renewable energy production

The research team led by Associate Professor Hyeonseok LEE of the Department of Photonics has been dedicated to developing innovative photocatalytic technologies. The team has successfully emulated the principles of photosynthesis to develop a novel nanostructured photocatalyst. This material utilizes solar energy to convert carbon dioxide (CO_2) into fuels such as methane, offering a new solution to global warming. The findings have been published in the prestigious international journal, *Applied Catalysis B: Environment and Energy*. The team further developed a Z-scheme heterostructure photocatalyst through precise control of synthesis process, enabling the efficient conversion of CO_2 into carbon monoxide (CO). This technology significantly reduces material costs, with its CO_2 capture capability and charge transfer efficiency reaching 100%, achieving both carbon reduction and renewable energy production. The research has been published in the internationally renowned journal *Chemical Engineering Journal*.









破解電池短命魔咒 突破鋰硫電池瓶頸

為滿足電動車與行動裝置對高效儲能的迫切需求，次世代「鋰硫電池」的發展備受矚目。本校材料與光電科學學系葉昀昇助理教授攜手國立臺灣科技大學化學工程系黃炳照講座教授，成功開發創新的「逆向擴散」工程技術，有效解決鋰硫電池長期以來壽命短與穩定性不足的關鍵難題，為儲能發展帶來嶄新曙光。這項深具應用潛力的前瞻技術，獲刊於國際頂尖期刊《應用化學》。

Breaking the short-lifespan barrier and advancing lithium–sulfur batteries

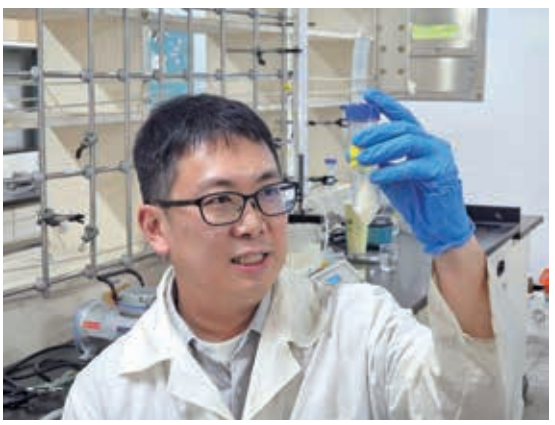
To meet the growing demand for high-performance energy storage in electric vehicles and mobile devices, next-generation lithium–sulfur batteries have attracted considerable attention. An innovative "Contra-Diffusion Engineering" technology was successfully developed by NSYSU Assistant Professor Yun Sheng YE of the Department of Materials and Optoelectronic Science, in collaboration with Chair Professor Bing-Joe HWANG of the Department of Chemical Engineering at National Taiwan University of Science and Technology. The technology effectively addresses the long-standing challenges of short lifespan and insufficient stability in lithium–sulfur batteries, opening up new possibilities for energy storage development. This promising technology with strong application potential was published in the leading international journal *Angewandte Chemie International Edition*.

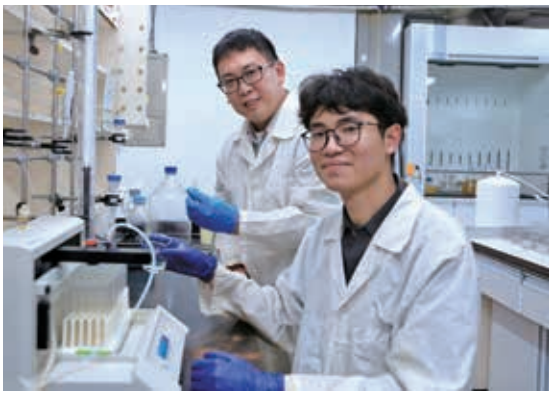


耐熱珊瑚作高階骨材 破解超級細菌療法

海洋生物科技暨資源學系針對 2 項重大醫藥難題提出創新解方。溫志宏特聘教授借調擔任國立海洋生物博物館館長後，持續推動海洋生物資源與再生醫學的跨域合作，研究發現，核電廠出水口高溫海域的耐熱鹿角珊瑚，經人工養殖後，其孔洞結構及生化特性極適合骨細胞貼附生長與分化，具有永續量產高階骨移植替代材料的潛力，成果刊登於頂尖期刊《材料與設計》。另一方面，李益銘助理教授攜手中央研究院團隊，針對具強抗藥性的超級細菌「鮑氏不動桿菌」展開研究，首度找出該細菌啟動人體強烈發炎反應的關鍵化學開關，為精準疫苗設計與替代療法開闢嶄新路徑，成果榮登頂尖期刊《碳水化合物聚合物》。







Thermotolerant coral offers high-quality bone graft substitutes while other pioneers develop new therapeutic strategies for superbug treatment

The Department of Marine Biotechnology and Resources has proposed innovative solutions to two major medical challenges. Distinguished Professor Zhi-Hong WEN, currently seconded to serve as Director General of the National Museum of Marine Biology and Aquarium, has continued to promote interdisciplinary collaboration between marine bioresources and regenerative medicine. Through this collaborative research, the team identified a thermotolerant coral, *Pocillopora acuta*, cultivated in the warm-water discharge area of a nuclear power plant. Its naturally porous skeleton and favorable biochemical properties provide an excellent environment for bone cell attachment, growth, and differentiation. These characteristics highlight its potential as a sustainable and scalable source of high-quality bone graft substitutes, linking marine conservation and sustainable aquaculture with advanced biomedical applications. The findings were published in the leading international journal *Materials & Design*. Meanwhile, Assistant Professor I-Ming Lee collaborated with a research team from Academia Sinica to investigate the extensively antibiotic-resistant superbug *Acinetobacter baumannii*. The team has identified for the first time the key "chemical switch" that triggers severe inflammatory responses in the human body, proposing new directions for precision vaccine design and alternative therapies. The results were published in the top journal *Carbohydrate Polymers*.

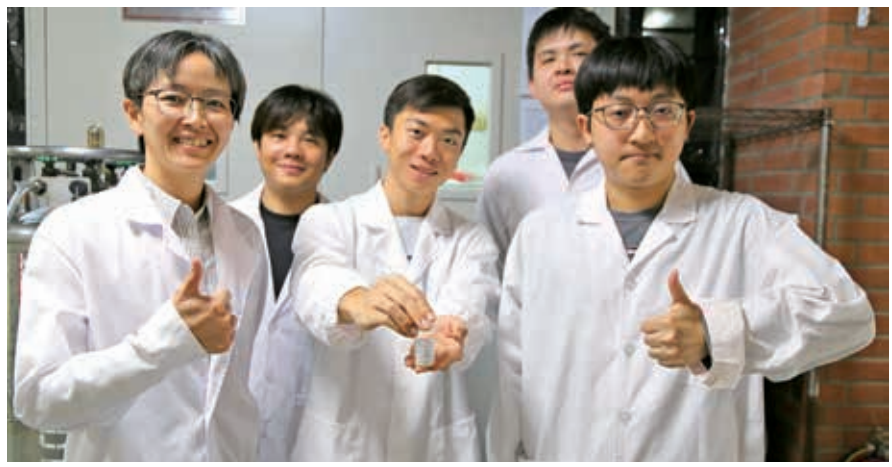


研發一鍋燉煮製藥法 提升合成效率

抗生素濫用引發的細菌抗藥性，為現代醫藥帶來嚴峻挑戰。本校化學系廖軒宏與林渝亞副教授團隊提出創新解方，巧妙運用「一鍋燉煮」概念發展全新製藥技術。此方法不僅大幅提升新型藥物的合成效率，更成功開創出前所未見的化合物結構。該項深具潛力的新型合成策略，為藥物開發開闢新徑，卓越成果獲國際權威期刊《應用化學》刊登。

Developing the one-pot synthesis strategy to enhance synthesis efficiency

The overuse of antibiotics has led to the rise of drug-resistant bacteria, posing a serious challenge to modern medicine. To tackle this issue, a research team led by Associate Professors Hsuan-Hung LIAO and Yu-Ya LIN from the Department of Chemistry at NSYSU has proposed an innovative solution by utilizing a "one-pot synthesis" strategy to develop a novel pharmaceutical technology. The method not only significantly improves the efficiency of new drug synthesis but also opens the door to entirely new types of molecules. This promising synthetic strategy opens a new pathway for drug development, with the outstanding findings published in the prestigious journal *Angewandte Chemie International Edition*.

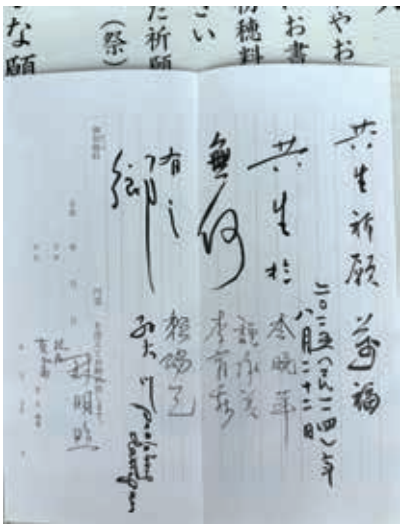






跨國發起《共生倡議》論壇與講座深探共生哲學

「全球共生與國際漢學研究中心」攜手國科會、東京大學及北京博古睿研究中心等機構展開跨國合作，邀集多國學者召開座談會並實地參訪福島核災現場，共同研討發起《共生倡議》文獻，以回應當代多重危機。此外，該中心與文學院、臺灣綜合大學系統聯合舉辦「共生哲學與臺灣原住民宇宙觀」國際論壇，邀請國內外學者齊聚，深入探討原民宇宙觀中共存、互依與永續的共生哲學，涵蓋文學、語言、生態等多元面向。在學術交流方面，中國文學系賴錫三特聘教授與莫加南副教授邀請東京大學中島隆博所長蒞校，進行為期3天的「共生哲學」系列講座，探討東亞歷史經驗與技術等議題，全面推展共生思維的國際對話。



Launching a transnational Co-Becoming Initiative through forums and lectures on the philosophy of co-becoming

The Global Co-Becoming and International Sinology Research Center collaborated with the NSTC, the University of Tokyo, Berggruen China Center, and other institutions to launch a transnational cooperation. Scholars from various countries were invited to participate in roundtable discussions and visit the site of the Fukushima nuclear accident, where they worked together to develop a statement for the Co-Becoming Initiative document in response to multiple contemporary crises. In addition, the Center, together with the College of Liberal Arts, and the Taiwan Comprehensive University System jointly organized the international forum "Philosophy of Co-Becoming and Taiwanese Indigenous Worldviews." Scholars from Taiwan and abroad gathered to explore the philosophy of co-becoming reflected in the Indigenous worldview, including coexistence, interdependence, and sustainability, from diverse perspectives encompassing literature, language, and ecology. In terms of academic exchange, Distinguished Professor Hsi-San LAI and Associate Professor Mark Frederick MCCONAGHY of the Department of Chinese Literature invited Director Takahiro NAKAJIMA of the University of Tokyo to NSYSU for a three-day lecture series on Philosophies of Co-Becoming, exploring East Asian historical experiences, technology, and related issues, while broadly promoting international dialogue on co-becoming.

氣膠科研成果豐碩 跨國倡議與新創推展永續

氣膠科學研究中心深耕氣膠基礎科學、生醫、公共衛生、環境與永續研究。中心攜手美國加州大學柏克萊分校，揭示港區船舶使用超低硫燃油的潛在空汙風險，成果刊登於《環境汙染》；病毒氣膠科學傳播研究則證實動畫能提升大眾理解與防疫行動意願，發表於《Nature》旗下期刊《人文與社會科學傳播》。科研轉譯方面，中心成立「風之獨角獸－氣膠生醫暨空品改善新創產業育成園地」，並主辦校園室內空品改善論壇。國際倡議方面，王家蓁主任受邀赴瑞典「2025 年內在發展目標高峰會」演說，為亞洲唯一受邀代表；並應 IUPAC 及 Beyond Benign 邀請演講，首度向國際社群提出「氣膠圈」概念，定位氣膠為連結大氣圈、水圈、岩石圈、生物圈、人類圈與冰凍圈的重要媒介，拓展氣膠科學與一體健康及全球永續的跨域對話。中心亦率團赴美國柏克萊、史丹福大學、LBNL 及 SLAC 等頂尖學研機構交流，深化國際鏈結與人才培育。







Aerosol research advances sustainability through global collaboration and innovation

The Aerosol Science Research Center (ASRC) advances fundamental aerosol science, biomedicine, public health, environmental research, and sustainability. In collaboration with the University of California, Berkeley, ASRC revealed potential air pollution risks associated with ultra-low-sulfur fuel used by vessels at berth, with the findings published in *Environmental Pollution*. Its research on science communication of virus-laden aerosols demonstrated that animation can enhance public understanding and willingness to adopt preventive measures, with the findings published in *Nature* Portfolio journal *Humanities and Social Sciences Communications*.



To translate research into impact, ASRC established the AeroUnicorn – Aerosol Biomedical Technology & Air Quality Improvement Start-up Incubator and hosted a forum on improving indoor air quality on campus. Internationally, ASRC Director Prof. Chia C. WANG was invited to speak at the Inner Development Goals Summit 2025 in Sweden as the only invited representative from Asia, sharing insights and impacts from field-based initiatives. Invited by IUPAC and Beyond Benign, Prof. Wang formally introduced the "Aerosphere" concept to the international community for the first time, positioning aerosols as a critical interface connecting the atmosphere, hydrosphere, lithosphere, biosphere, anthroposphere, and cryosphere, while expanding interdisciplinary dialogue among aerosol science, One Health, and global sustainability. ASRC also led a delegation to leading U.S. institutions, including UC Berkeley, Stanford University, LBNL, and SLAC, strengthening international connections and talent development.

數位科技助縮貧富差距 研究實證創意可培養

政治經濟學系李明軒教授分析跨國長期資料，實證資訊與通訊科技發展有助於降低所得不均。特別在創業環境薄弱的國家，資訊與通訊科技能發揮補償性功能，協助弱勢群體繞過制度障礙觸及市場，研究發現獲登世界頂尖期刊《電信政策》。此外，教育研究所莊雪華特聘教授針對創新潛能的後天培養進行探討，證實具備「成長型創意思維」的大學生，對「發散性思考」有顯著正面影響，而對多元文化的接受度與開放性更是轉化心態的關鍵。此發現為全球教育心理學提供重要實證支持，成果獲登國際知名期刊《思考技能與創造力》。



Digital technologies help narrow income inequality, while empirical research shows that creativity can be cultivated

Professor Ming-Hsuan LEE of the Department of Political Economy analyzed cross-country panel data and found that information and communication technology (ICT) development helps reduce income inequality. In countries with weaker entrepreneurial environments, in particular, ICT can serve a compensatory function, helping disadvantaged groups bypass institutional barriers and lower market entry barriers. The findings were published in the world-leading journal *Telecommunications Policy*. Furthermore, Distinguished Professor Hsueh-Hua CHUANG of the Institute of Education examined how innovative potential can be cultivated through learning and sustained effort. The study found that, among university students, a growth creative mindset has a significant positive effect on divergent thinking. Multicultural acceptance and openness to experience serve as key bridges that lead this mindset into creative tasks. These findings provide empirical support for research in educational psychology and have been published in the internationally recognized journal *Thinking Skills and Creativity*.







臺灣藜研究創舉 首建專屬國際標準化生長編碼

臺灣特有種作物「臺灣藜」又被稱為「紅寶石」，因高營養價值、耐旱與耐鹽等特性，被譽為極具潛力的未來糧食。生物科學系劉世慧副教授團隊長期投入相關研究，首度以國際通用的 BBCH 擴展編碼系統，建立第一套專屬於臺灣藜的標準化生長代碼。此成果不僅為農業管理提供精準工具，更對品種育成、基因型研究與文化保存具有深遠意義。



Pioneering research establishes the first internationally standardized growth coding system for djulis

Djulis (*Chenopodium formosanum* Koidz.), also known as red quinoa and often referred to as a "ruby," is a cultivated chenopod originally from Taiwan. It has been hailed as a highly promising future food due to its exceptional nutritional value and strong tolerance to drought and salinity. Shih-Hui LIU, Associate Professor in the Department of Biological Sciences, and her team have long been dedicated to research on djulis and were the first to use the internationally recognized Biologische Bundesanstalt, Bundessortenamt und CHemische Industrie (BBCH) extended scale to establish the first standardized growth coding system specifically for djulis. This achievement not only provides a precise tool for agricultural management but also carries far-reaching significance for cultivar development, genotypic research, and cultural preservation.



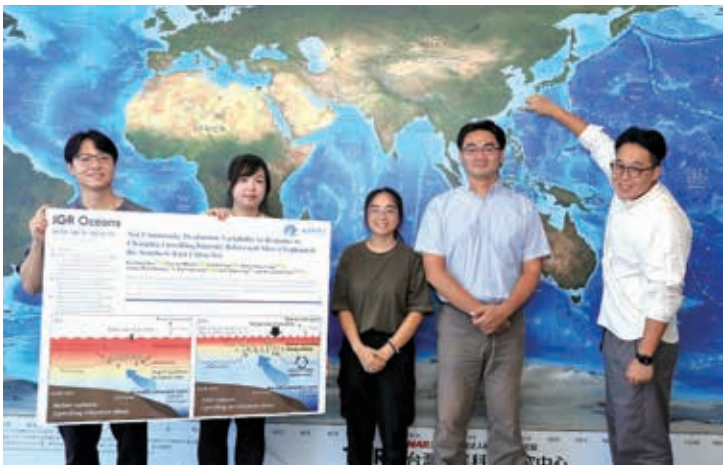
海洋生態與碳循環研究突破多項成果登權威期刊

本校豐沛的科研能量持續為全球漁業管理與因應氣候變遷提供關鍵依據。中央研究院院士、海洋科學系陳鎮東傑出講座教授團隊，生動揭示南海與黑潮交會的「珍珠奶茶效應」，證實深層營養鹽雙重推升機制能大幅提升魚群食物來源，獲刊於《海洋學》。此外，雷漢杰副教授分析長達 26 年的觀測數據，全球首證海洋自然鹼化現象能提升二氧化碳吸收能力 28%、減緩酸化速度 14%，為人工增鹼除碳技術提供有力科學實證，獲登《地球物理研究快報》。黃蔚人教授團隊則針對東海湧升區進行高時間解析度觀測，揭示颱風等極端氣候能促進海洋生產力與碳吸收，發表於《地球物理研究期刊：海洋篇》。



Breakthroughs in marine ecology and carbon cycling have been published in prestigious journals

The University's strong research capabilities continue to provide critical scientific evidence for global fisheries management and responses to climate change. A research team led by Chen-Tung Arthur CHEN, Academician of Academia Sinica and Outstanding Chair Professor of the Department of Oceanography, revealed the "bubble tea effect" in the mixing processes of the South China Sea and the Kuroshio Current, demonstrating that the dual nutrient-uplifting mechanism of deeper layer waters can significantly increase the food supply for fish. The findings were published in *Oceanography*. In addition, Associate Professor Hon-Kit LUI analyzed 26 years of observational data and, for the first time, discovered that natural ocean alkalinization can enhance carbon dioxide absorption capacity by 28% and reduce the rate of acidification by 14%. The findings provided strong scientific evidence for artificial ocean alkalinity enhancement and carbon removal technologies, and were published in *Geophysical Research Letters*. Professor Wei-Jen HUANG's research team conducted high-temporal-resolution observations in the East China Sea upwelling zone, revealing that extreme weather events such as typhoons can enhance ocean productivity and carbon dioxide absorption. The findings were published in the *Journal of Geophysical Research: Oceans*.



黑鮪復育成典範 師生走讀東港推動海洋永續

海洋事務研究所張水鍇教授與國際研究團隊合作，從科學上驗證太平洋黑鮪資源的復甦過程。過去受過度捕撈影響，黑鮪親魚資源量一度僅剩未開發時期的2%，臺灣漁獲量大幅銳減，更引發國際禁捕聲浪。如今該研究成為國際黑鮪評估與管理的重要科學依據，發表於國際期刊《ICES 海洋科學期刊》，見證其從瀕臨崩潰到復育典範的成功案例。此外，本校開設「海洋生態資源：科技研究與社會影響」博雅課程，帶領師生走訪屏東東港魚市場，直擊黑鮪魚卸魚及拍賣現場，讓學子深入了解臺灣漁業產業鏈，深化海洋生態知識，推動海洋資源永續發展。



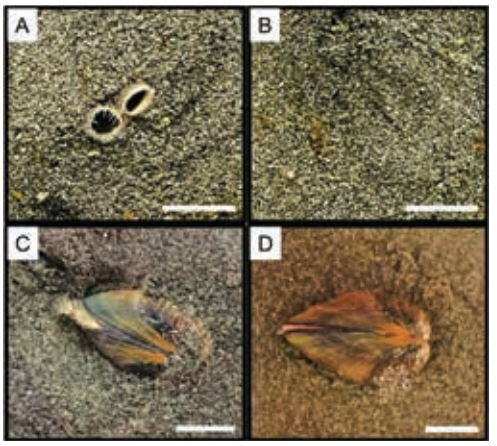


Pacific bluefin tuna recovery becomes a model for conservation success, with faculty and students exploring Donggang to advance marine sustainability

Professor Shui-Kai (Eric) CHANG of the Graduate Institute of Marine Affairs collaborated with an international research team to scientifically verify the recovery of the Pacific bluefin tuna stock. Overfishing once reduced the spawning stock biomass to only 2% of its unfished level, causing Taiwan's catch dropped dramatically and prompting calls for an international fishing ban. The study has now become an important scientific basis for the international assessment and management of the Pacific bluefin tuna stock and was published in the international journal *ICES Journal of Marine Science*, documenting a successful case of recovering a stock from near collapse that serves as a model for stock rebuilding. In addition, NSYSU offered the general education course Marine Ecological Resources: Scientific Research and Social Impact, through which faculty and students visited the Donggang Fish Market in Pingtung to observe the unloading and auctioning of Pacific bluefin tuna firsthand. The course enabled students to gain a deeper understanding of Taiwan's fisheries industry chain, strengthen their knowledge of marine ecosystems, and advance the sustainable development of marine resources.

AI 監測預警文蛤養殖
雙髻鯊食性研究打破刻板印象

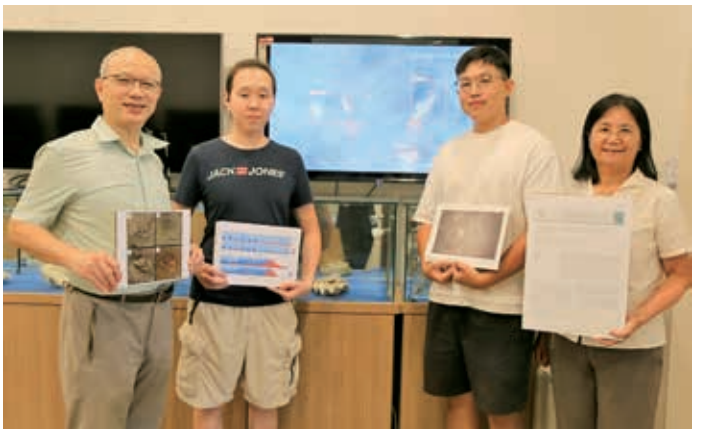
在海洋生物行為與生態保育方面，海洋科學系劉莉蓮教授及資訊工程學系黃英哲教授團隊，結合影像監測與 AI 辨識技術，量化分析臺灣文蛤在低鹽與高溫逆境下的行為反應。研究發現，文蛤的埋藏與水管活動等行為模式會隨環境壓力明顯改變，且較體重下降更早出現，可作為環境壓力的早期指標，為受氣候變遷威脅的文蛤養





殖產業，提供預警與管理介入的重要依據。此外，海洋事務研究所林裕薰副教授攜手農業部水產試驗所團隊，深入整合研究雙髻鯊的飲食習慣，發現雖然雙髻鯊是高階獵食者，但在全球尺度下具有高度食物彈性，並提出優先保育近岸的雙髻鯊族群。成果獲刊於國際頂尖期刊《魚類生物學與漁業評論》，深具海洋生態保育指標意義。





AI monitoring offers an early-warning mechanism for the clam aquaculture industry, while research on hammerhead sharks reveals dietary flexibility

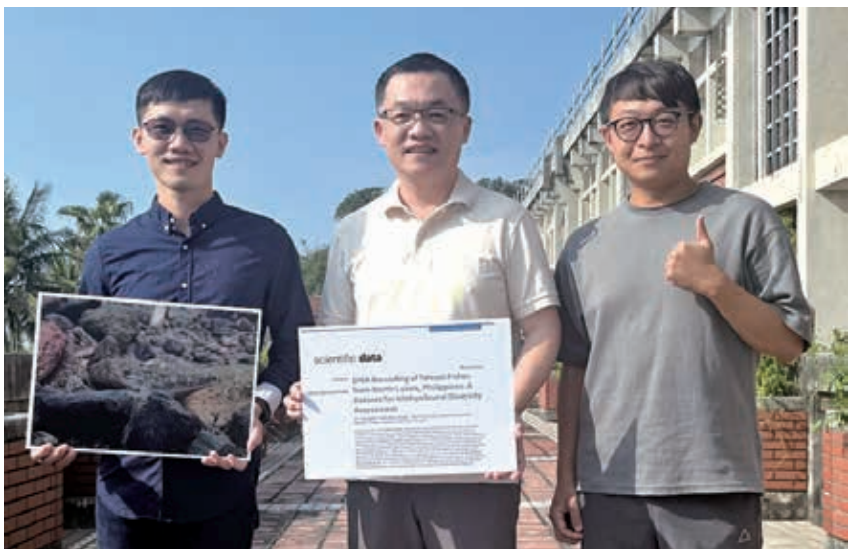
In marine animal behavior and ecological conservation, a research team led by Professor Li-Lian LIU of the Department of Oceanography and Professor Ing-Jer HUANG of the Department of Computer Science and Engineering combined image-based monitoring with AI recognition technology to quantitatively analyze the behavioral responses of the hard clam *Meretrix taiwanica* under low-salinity and high-temperature stress. The study found that behavioral patterns such as burial and siphon activity changed markedly under environmental stress, with these changes emerging earlier than declines in body weight. These behavioral changes may serve as early indicators of environmental stress, providing an important basis for early warning and timely management intervention in the clam aquaculture industry increasingly threatened by climate change. In addition, Associate Professor Yu-Jia LIN of the Graduate Institute of Marine Affairs collaborated with a team from the Fisheries Research Institute, MOA, to examine the dietary habits of hammerhead sharks. The study found that hammerhead sharks are apex predators; they exhibit high dietary flexibility on a global scale. The researchers also proposed prioritizing the conservation of nearshore hammerhead shark populations. The study was published in the top international journal *Reviews in Fish Biology and Fisheries*, providing important implications for marine ecological conservation.

發現新種鰕虎致敬紋面文化 珍稀蘭嶼吻鰕虎現蹤菲律賓

海洋科學系廖德裕特聘教授與莊維誠博士生團隊，發表新種「紋面韌鰕虎」，該物種於 2019 年在菲律賓採集發現，因雄魚臉部具 2 道深色線條，近似臺灣原住民族紋面圖樣，故以太魯閣族語「ptasan」命名。此舉不僅呼應生物特徵，更致敬原民文化，為分類學結合人文意涵之代表案例。此外，團隊針對野外族群原被認定僅剩不到 200 尾的臺灣特有種「蘭嶼吻鰕虎」進行調查，首度證實該珍稀保育類物種已廣泛分布於菲律賓呂宋島北部。該發現為跨國生態保育帶來全新曙光，重要成果獲刊於國際知名期刊《科學數據》。







New goby species honors indigenous facial tattoo traditions, while the rare Lanyu goby is discovered in the Philippines

Distinguished Professor Te-Yu LIAO and doctoral student Wei-Cheng JHUANG of the Department of Oceanography described a new goby, named *Lentipes ptasan*. The species was first recognized during field collection in the Philippines in 2019. Because the males possess two dark facial stripes resembling Taiwan's traditional indigenous tattoo patterns, the word "ptasan" in Truku language was used to name it. The name reflects not only the species' conspicuous biological characteristics but also pays tribute to indigenous cultural heritage, representing a notable example of how taxonomic research can incorporate humanistic significance. In addition, the research team surveyed the Lanyu goby (*Rhinogobius lanyuensis*), a Taiwan endemic species once estimated to have fewer than 200 individuals remaining in the wild, and provided the first evidence that this rare and valuable protected species is actually widespread in northern Luzon, the Philippines. The discovery brings new hope for transnational ecological conservation, and the findings were published in the prestigious international journal *Scientific Data*.

榮譽與獎項 114 學年度（2025-2026）

國科會傑出特約研究員	高志明
國科會傑出研究獎	李志鵬、林淵淙、邱文彬
國科會吳大猷先生紀念獎	康斯証
傑出講座	翁金輅、陳鎮東
中山講座	高志明、楊弘敦、盧展南
西灣講座	林宗賢、洪子聖、張鼎張、郭紹偉、劉景寬、謝建台
特聘教授（學術研究類）	方志恒、王宏仁、李志鵬、李廸章、邱兆民、施育仁、洪慶章 張純端、郭振坤、陳美華、陳軍互、黃國勝、溫朝凱
特聘教授（產學研究類）	林根煌、邱永盛、黃義佑
特聘教授（教學類）	吳長益、李祁芳
傑出教師（教學類）	于欽平
特聘年輕學者	王亮鈞、王復康、呂浩宇、邱政超、陳旻男、陳嬿今、廖子嫻 廖軒宏、謝旭昇、羅景文
榮譽講座教授	Anders RANTZER、Christian Serge KHARIF、Dragan NESIC Ian PETERSEN、Jean-Marc EGLY、Joni ADAMSON Karl Henrik JOHANSSON、Shinji HARA、Tetsuya IWASAKI Tryphon GEORGIOU、Ursula K. HEISE、尹世灼、王汎森 王寶貫、伍焜玉、西原寬、余明隆、吳玉山、吳詩聰、吳靜吉 周昌弘、周蓮香、邱文彥、邱永芳、邵廣昭、金芳蓉、洪茂蔚 張華華、莊英章、郭宗杰、陳陽益、彭旭明、程文俊、黃志青 黃進興、賓彼得、蔡衛君 、鄭建鴻、鄭英耀、賴景昌

Honors and Awards (2025-2026)

Merit NSTC Research Fellow, National Science and Technology Council	Jimmy Chih-Ming KAO
Outstanding Research Award, National Science and Technology Council	Chih-Peng LI, Yuan-Chung LIN, Wen-Bin CHIOU
Ta-You Wu Memorial Award, National Science and Technology Council	Sei Zhen KHONG
Outstanding Chair Professor	Kin-Lu WONG, Chen-Tung Arthur CHEN
Sun Yat-sen Chair Professor	Jimmy Chih-Ming KAO, Hung-Duen YANG Chan-Nan LU
Si Wan Chair Professor	Tsung-Hsien LIN, Tzyy-Sheng HORNG Ting-Chang CHANG, Shiao-Wei KUO, Ching-Kuan LIU Jentaie SHIEA
Distinguished Professor, Academic Research	Brian Chi-Hang FONG, Hong-Zen WANG Chih-Peng LI, Ti-Chang LEE, Chao-Min CHIU Yu-Jen SHIH, Chin-Chang HUNG, Chun-Tuan CHANG Jenn-Kun KUO, Mei-Hua CHEN, Chun-Hu CHEN Kao-Shing HWANG, Chao-Kai WEN
Distinguished Professor, Industrial Research	Ken-Huang LIN, Linus Y. S. CHIU, I-Yu HUANG
Distinguished Professor, Teaching	Chang-Yi WU, Chi-Fang LI
Outstanding Faculty, Teaching	Chin-Ping YU
Distinguished Young Scholar	Liang-Chun WANG, Fu-Kang WANG, Hau-Yu LIU Cheng-Chau CHIU, Min-Nan CHEN, Yen-Chin CHEN Zi-Xian LIAO, Hsuan-Hung LIAO, Hsu-Sheng HSIEH Ching-Wen LUO
Emeritus Chair Professor	Anders RANTZER, Christian Serge KHARIF Dragan NESIC, Ian PETERSEN, Jean-Marc EGLY Joni ADAMSON, Karl Henrik JOHANSSON Shinji HARA, Tetsuya IWASAKI, Tryphon GEORGIOU Ursula K. HEISE, Shizhuo YIN, Fan-Sen WANG Pao-Kuan WANG, Kenneth WU, Hiroshi NISHIHARA Ming-Lung YU, Yu-Shan WU, Shin-Tson WU Jing-Jyi WU, Chang-Hung CHOU, Lien-Siang CHOU Wen-Yan CHIAU, Yung-Fang CHIU, Kwang-Tsao SHAO Fan Rong K Chung GRAHAM, Mao-Wei HUNG Hua-Hua CHANG, Ying-Chang CHUANG Chung-Chieh Jay KUO, Yang-Yih CHEN Shie-Ming PENG, Wen-Jin CHERNG Jacob Chih-Ching HUANG, Chin-shing HUANG Peter BRIMBLECOMBE, Wei-Jun CAI Chien-Hong CHENG, Ying-Yao CHENG Ching-Chong LAI


Butterfly



專業教育

Professional Education

本校依校務發展計畫及產業需求增設調整系所班組，114 學年度醫學院新設「護理學系」、西灣學院新增「國際跨域學士學位學程原住民族專班」；115 學年度社會科學院與英國倫敦大學亞非學院合作開設「全球公民權碩士學位學程」，西灣學院新增「人文暨科技跨領域學系」（原「人文暨科技跨領域學士學位學程」停招），人力資源管理研究所亞太人力資源管理碩士在職專班更名為「策略人才管理碩士在職專班」、「精密電子零組件研究所」更名為「電子材料與機電整合研究所」，另新增化學系、光電工程學系、材料與光電科學學系 3 個國際產業人才教育專班；116 學年度醫學院新增「人工智慧健康科技碩士學位學程」、社會學系新增博士班、藝術管理與創業研究所新增「藝文事業經營高階碩士在職專班」、「海洋事務研究所」更名為「海洋永續發展與海洋政策研究所」。

In accordance with NSYSU's development plan and industry needs, the University has made additions and adjustments to its academic units and programs. In the 2025-26 academic year, the College of Medicine established a new Department of Nursing, and Si Wan College added an International Indigenous Interdisciplinary Program. In the 2026-27 academic year, the College of Social Sciences, in cooperation with SOAS University of London, launched a Global Citizenship Joint Master Degree Programme. Si Wan College added a new Department of Interdisciplinary Studies (the original Program in Interdisciplinary Studies ceased admitting new students). The In-service Master's Program of Asia-Pacific HRM, Institute of Human Resource Management was renamed the In-service Master's Program of Strategic Talent Management, Institute of Human Resource Management, and the Institute of Precision Electronic Components was renamed the Institute of Electronic Materials and Mechatronics. Three new international industry talent education programs were also established in the Department of Chemistry, Department of Photonics, and Department of Materials and Optoelectronic Science. In the 2027-28 academic year, the College of Medicine added a Master's Degree Program in Artificial Intelligence Health Technology, the Department of Sociology added a doctoral program, the Graduate Institute of Arts Management and Entrepreneurship added an Executive Master in Entrepreneurship and the Arts (EMEA), and the Graduate Institute of Marine Affairs was renamed the Graduate Institute of Marine Sustainability and Marine Policy.





為落實深化學生自主學習，本校自 114 學年度起實施學期 16 週新制，能與多數國際大學採用之學期制度接軌，有助於交換、轉學、學分認列，也更利於與海外學術機構合作或申請國際課程。此外於寒暑假期間開設實體及線上課程，提供多元學習資源與課程調整，打造彈性、前瞻且國際化的學習環境。

持續推動雙語教育，為教育部核定「大專校院學生雙語化學習計畫」全校型標竿計畫學校，朝向雙語大學目標穩步推進。目前大學部已有 13 個全英語專班（學程），約占全校半數，並建立校、院、系三級 EMI 課程品質保證機制，持續提升 EMI 課程品質。學生學習支持方面，112 學年起開辦「大一 EMI 銜接課程」，114 學年度首次推出 2 門專業學術英語課程，由學科教師與語言教師幫助學生銜接高中與大學間的知識與授課方式落差。也透過共同英語課程改革、EAP／ESP 課程、English Table 及自主學習等多元支持措施，營造優質雙語學習環境，提升學生英語能力與國際競爭力。114 學年度辦理教育部 EMI 免試托福試辦計畫，選送學生赴美短期學習，持續深化雙語教育推動成果。

To further promote students' self-directed learning, the University implemented a new 16-week semester system starting in the 2025-26 academic year. This aligns with the semester system adopted by most international universities, facilitating exchange programs, transfers, credit recognition, collaborations with overseas academic institutions, and applications for international courses. Furthermore, NSYSU offers both in-person and online courses during winter and summer breaks, providing diverse learning resources and curriculum adjustments to create a flexible, forward-thinking, and international learning environment.

As a university-wide benchmark institution designated by the Ministry of Education under the Bilingual Education for Students in College (BEST) Program, NSYSU continues to advance bilingual education and steadily progress towards its goal of becoming a bilingual university. Currently, there are 13 EMI undergraduate programs, accounting for approximately half of all undergraduate programs. NSYSU has established a three-tiered EMI quality assurance mechanism at the university, college, and department levels to continuously improve the quality of EMI courses. Regarding student learning support, the University launched the Freshman EMI Bridging Course in the 2023-24 academic year. In the 2025–26 academic year, the University launched two English for Specific Academic Purposes (ESAP) courses for the first time, with disciplinary and language faculty working together to help students bridge the transition from high school to university in both subject knowledge and modes of instruction. Through diverse support measures such as the General English Curriculum Reform, EAP/ESP courses, English Table, and self-directed learning, a high-quality bilingual learning environment is built to enhance students' English proficiency and international competitiveness. In the 2025–26 academic year, NSYSU also participated in the Ministry of Education's EMI TOEFL Waiver Pilot Program, under which selected students undertook short-term study in the United States, further expanding the University's bilingual education initiatives.



自 110 學年度獲教育部補助成立雙語教育資源中心，作為全國區域雙語教育推動基地，協助夥伴學校建立 EMI 教師培訓、課程品質保證及諮詢輔導等制度。114 學年度共辦理 42 場 EMI 教師培訓及教師共學活動，計 1,773 人次參與；115 年 EMI 教師培訓計畫通過教育部與台灣評鑑協會「EMI 課程教學增能課程認證」，為全國首批通過認證之教師培訓計畫。同時，積極鏈結國際資源，與學術交流基金會及國際 EMI 高教聯盟合作，邀請國際專家來校進行課堂觀察、教師培訓、觀課回饋及師生交流，引進國際最佳實務，持續精進 EMI 教學品質，打造具國際視野的雙語友善校園，同時也選送教師赴美師訓研習，掌握全球高教發展趨勢。此外，雙語增能版圖更延伸至第一線行政人員，開設工作坊精進語言能力，進而提供更完善的國際化行政服務。

本校鼓勵教師積極申請教學創新計畫，111 至 115 年度教師申請通過教育部教學改進計畫共 49 件，總金額超過 8,000 萬元。107 至 115 年教師申請通過教育部教學實踐研究計畫達 272 件，平均通過率約 6 成，獲補助金額 8,799 萬元。115 年持續擔任教育部指定的教學實踐研究計畫南區區域基地學校，透過區域聯盟方式，健全各校教師教學支持網絡。此外，也提供教師跨界交流場域，邀請各領域大師或專業人士蒞校辦理跨領域教師成長工作坊，114 學年度舉辦 28 場次，共 1,782 人次參與。

With funding from the Ministry of Education, NSYSU established the Resource Center for Bilingual Education in the 2021-22 academic year. Serving as a national regional bilingual education promotion hub, the Center assists partner universities in establishing systems for EMI teacher training, course quality assurance, and classroom observation and consulting services. In the 2025-26 academic year, the Center organized 42 EMI professional development activities, with a total attendance of 1,773. In 2026, the Center's EMI Faculty Professional Development Program became one of the first in Taiwan to receive certification for EMI professional development from the Ministry of Education and the Taiwan Assessment and Evaluation Association. Meanwhile, the University actively leverages international resources, collaborating with the Foundation for Scholarly Exchange (Fulbright Taiwan) and the International EMI Higher Educational Consortium to invite international experts to NSYSU for classroom observation and feedback, teacher training, and exchanges with faculty and students. These collaborations bring international best practices to campus, strengthen the quality of EMI teaching, and foster a bilingual, internationally engaged learning environment. Faculty members are also selected for overseas training programs in the United States, enabling them to stay abreast of global trends in higher education. Furthermore, the bilingual professional development initiative extends to frontline administrative staff, offering workshops to enhance their language skills and enable them to provide more comprehensive international administrative services.

NSYSU actively encourages faculty to apply for innovative teaching projects. From 2022 to 2026, faculty members secured 49 grants under the Ministry of Education's Teaching Advancement Projects, totaling more than TWD 80 million. From 2018 to 2026, faculty members also received 272 grants under the MOE Teaching Practice Research Program, with an average approval rate of approximately 60% and total funding of TWD 87.99 million. In 2026, NSYSU continues to serve as the MOE-designated southern regional base for the Teaching Practice Research Program, strengthening faculty teaching support networks across participating institutions through regional alliances. The University also provides a platform for interdisciplinary exchange among faculty by inviting distinguished scholars and professionals from diverse fields to lead faculty development workshops. In the 2025–26 academic year, 28 such workshops were held, attracting a cumulative attendance of 1,782.

本校招生策略聚焦於「招收多元學生」、「平衡城鄉教育」、「協助弱勢入學」及「適性擇才育才」。106至116學年度均獲教育部「大學招生專業化發展計畫」補助，積極推動學系建立招生專業審查標準，制訂申請入學書面資料評量尺規，優化簡化審查過程，使學校招收更適才適所的學生；因應高中新課綱實施，與高雄市政府教育局輔導團合作，安排大學教授至高中端觀課，進行意見交流，協助大學教師瞭解高中教學現場的變化，強化與在地高中連結，積極實踐大學社會責任。此外，本校積極與生源高中建立策略夥伴關係，並與海內外逾40所策略聯盟高中維持緊密合作，辦理學系宣導講座、模擬面試演練、蒞校參訪、科學講座、師資培訓工作坊、實驗室實習營及校園開放日「Open House 一日中山人」等多元活動，展現深厚的教學基礎與研究實力，拓展學生對本校多元資源與優質學習氛圍的視野與認同。



NSYSU's admission strategy is driven by the following principles: "recruiting diverse students," "balancing urban and rural education," "supporting access for disadvantaged students," and "selecting and nurturing talent according to individual aptitude." NSYSU has received funding from the MOE's University Admission Professionalization Development Program for the academic years from 2017-18 through 2027-28 to encourage departments to establish professional admission review criteria, develop rubrics for the review of application materials, and refine as well as streamline the review process to recruit students into programs that best match with their aptitudes. In response to the new senior high school curriculum, the University has cooperated with the Regional Advisory Group for Compulsory Education under the Kaohsiung City Government Education Bureau and arranged for university faculty to conduct classroom observations at senior high schools, thereby fostering dialogue, enhancing the faculty's understanding of the recent developments in classroom practice, and fulfilling university social responsibility (USR) by strengthening ties with local senior high schools. Additionally, the University has established strategic partnerships with feeder high schools and has maintained close cooperation with over 40 domestic and international strategic alliance high schools. A wide range of activities, including departmental





outreach sessions, mock interview practice sessions, campus visits by high school groups, science lectures, teacher training workshops, science immersion camps, and the Open House event, have been organized to showcase the University's solid teaching foundation and research strengths, while enhancing prospective students' awareness and appreciation of the University's diverse resources and high-quality learning environment.

此外，115 學年度繁星推薦和本校特有弱勢優先管道（南星計畫、西灣南星及特殊選才）招生名額達學士班新生總額 23%，在全國頂尖大學中名列前茅，顯現本校在實踐高等教育公平正義與落實高教公共性上不遺餘力。針對經濟及文化不利學生除提供各項學雜費減免、助學補助、協助安排工讀等經濟助學措施，並積極向企業及校友勸募各項獎助學金，強化弱勢生活扶助機制，「西灣圓夢獎助學金」提供 4 年 25 萬獎助學金，並結合學生生活與課業輔導機制，使學生能安心學習。此外，推動「乘風萬里，轉動人生」計畫全額補助弱勢學生出國交換費用，以培育學生國際視野及提升競爭優勢。在學生學習輔導方面，辦理期初預警措施並實施補救教學，以提升學生學習動機及學習成效，106 至 114 學年度累積輔導 6,468 人次。

In addition, in the 2026-27 academic year, 23% of incoming freshmen were admitted through the MOE's Stars Recommendation scheme and NSYSU's disadvantaged-priority admission channels –the Stars Program, Southern Star Program, and Special Talent Admission. This places NSYSU among Taiwan's leading universities in this regard, demonstrating its commitment to equity and justice in higher education and to upholding the sector's public mission. For students facing financial or cultural disadvantages, NSYSU reduces or waives tuition and miscellaneous fees, provides scholarships, and offers part-time employment. To support these endeavors, NSYSU actively raises funds from alumni and corporations for various student scholarships. The Si Wan Scholarship offers TWD 250,000 to cover four years of tuition, coupled with life and academic counseling to help students focus on their studies. Moreover, the Soaring Far and Wide Project fully subsidizes overseas exchange programs for disadvantaged students, aiming to broaden their horizons and enhance their competitiveness. In terms of student learning support, NSYSU implements preventive measures at the start of each semester and offers tutoring to motivate student learning and improve learning outcomes. From 2017-18 to 2025-26 academic years, 6,468 students have benefited from these resources.



免托福留美直達車 成全球 EMI 示範關鍵校

教育部與學術交流基金會共同推動「EMI 免試托福試辦計畫」，臺灣由此成為全球第一個非英語母語、獲美國頂尖大學正式採認 EMI 成果的國家。本校為首批 4 所「雙語標竿大學」之一，EMI 課程設計、教師增能與學生表現上已獲得實質肯定。大學生只要在臺灣修習一定比例的全英語授課課程，即可向合作的美國大學提出入學申請，免繳托福成績。現已有 8 名 EMI 學生赴美交換，115 學年起正式開放學生申請免托福入學。



NSYSU joins MOE–Fulbright Pilot Program for TOEFL waiver through EMI courses

The Ministry of Education and the Foundation for Scholarly Exchanges (Fulbright Taiwan) have launched the pilot EMI Test Waiver Partnership Program, making Taiwan the first non-English-speaking country in the world whose achievements in English-Medium Instruction (EMI) have been formally recognized by top U.S. universities. As one of the first four Bilingual Benchmark Universities, NSYSU has received significant recognition for its EMI curriculum design, faculty training, and student performance. Undergraduate students who complete the required proportion of EMI courses at NSYSU can apply for admission into partner universities in the U.S. without TOEFL scores. Eight students in the pilot program have participated in the U.S. for exchange, and the Program is officially open for applications in the 2026-27 academic year.





晉級 Eduniversal 五棕櫚葉 金融時報雙榜全臺唯一

法國高等教育評鑑機構 Eduniversal 公布全球商管學院評鑑結果，管理學院躍升至 5 片棕櫚葉，躋身全臺僅三所獲五棕櫚葉肯定的頂尖商學院之列，展現高度全球影響力。2025 年《金融時報》世界百大高階經營管理碩士排行榜出爐，EMBA 大幅躍升獲第 64 名佳績，連續 4 年蟬聯全臺唯一入榜；全球管理碩士排名揭曉，國際經營管理碩士學程名列全球第 82 名，全臺唯一上榜，更連續六度蟬聯全球百大，其中 ESG 與淨零教學、國際課程經驗、教師博士學位比例皆居亞洲之冠。管理學院舉辦第 2 屆永豐盃全國 EMBA 個案交流賽，匯聚全臺 16 所大學、24 支隊伍同場競技，在政治大學、成功大學等強敵環伺中脫穎而出、勇奪雙冠，展現高階管理教育的卓越典範。





Advancing to Eduniversal's 5 Palmes of Excellence and remaining the only institution representing Taiwan in two *Financial Times* rankings

In the Eduniversal Business Schools Ranking, the College of Management advanced to 5 Palmes of Excellence, becoming one of only three business schools in Taiwan to receive a 5-Palme distinction and joining the ranks of Universal Business Schools with strong global influence. In the Top 100 EMBA 2025 Ranking by the *Financial Times*, the EMBA program climbed significantly to 64th place, remaining the only program in Taiwan included in the ranking for four consecutive years. Besides, the College's IBMBA is 82nd in the global Masters in Management ranking, marking its sixth consecutive year among the world's top 100. Its ESG and Net Zero Teaching practices, International Course Experience, and the proportion of Faculty with doctorates all ranked first in Asia. The College also hosted the 2nd SinoPac Cup National EMBA Case Competition, bringing together 24 teams from 16 universities across Taiwan. Competing against strong teams from NCCU, NCKU, and other leading institutions, the NSYSU team emerged victorious to claim two championships, demonstrating excellence in executive management education.







首屆後醫學生畢業 馬雅各醫療團偏鄉駐點共創醫療平權

學士後醫學系舉辦第一屆「織浪為袍，醫志啟航」畢業典禮，歡送首屆畢業生邁向醫療現場。這群準醫師肩負特殊使命，取得資格並完成訓練後，將全面投入偏鄉與離島醫療服務，緩解臺灣醫療資源不均的社會挑戰。為實踐「培育人文關懷良醫」的使命，醫學院暨學士後醫學系師生組成的馬雅各醫療團深入屏南駐點服務，推動義診篩檢、公共衛生見習與健康促進活動。透過醫療專業與社區參與並行，學生在真實偏鄉場域中深化在地照護經驗，將健康知識帶入社區，攜手朝「醫療無偏鄉」的平權願景邁進。



School of Medicine's first cohort graduates and Maxwell Volunteer Medical Team advances healthcare equity in rural areas

The School of Medicine held its inaugural graduation ceremony, titled Weaving Dreams into Gowns, Embarking on a Journey in Medicine, celebrating the graduation of its first cohort of students as they embark on their medical careers. These future physicians carry a distinctive mission: after obtaining their medical qualifications and completing the required training, they will devote themselves to providing healthcare services in rural and offshore communities, helping address disparities in the distribution of healthcare resources across Taiwan. To fulfill its mission of "cultivating compassionate physicians," the Maxwell Volunteer Medical Team, composed of faculty and students from the College of Medicine and the School of Medicine, conducts medical outreach in southern Pingtung through free medical services and health screenings, public health practicums, and health promotion activities. By integrating medical expertise with community engagement, students gain hands-on experience in delivering healthcare in rural communities, deepen their understanding of local healthcare needs, and bring health knowledge and resources into the community. Together, they are working toward the vision of healthcare equity—"Healthcare Without Geographic Disparities."





千組作品見證 8 年成果 專題競賽推動跨域永續創新

工學院第 8 屆「聯合專題競賽與展示」齊聚 6 校 18 系所學程、合計 146 組作品參賽，匯聚各系所學程學生的創新研究實作，展現在工程教育、跨領域整合及實務應用上的深厚能量。競賽 8 年來累計參賽組數已突破千組，規模持續擴大，除校內學生踴躍參與外，成功大學、高雄大學、高雄科技大學、海軍軍官學校及正修科技大學等南部夥伴學校也共同參展，充分展現跨校合作、技術交流與教育創新的成果。



More than 1,000 entries mark 8 years of achievements as the All-Topic Competition and Exhibition advances cross-disciplinary sustainable innovation

The 8th annual All-Topic Competition and Exhibition hosted by the College of Engineering brought together 146 entries from 18 departments/institutes/degree programs across 6 universities. The event showcased students' innovative research and practical work, demonstrating the strong capacity in engineering education, interdisciplinary integration, and practical application. Over the past eight years, the competition has attracted more than 1,000 entries, with its scale continuing to expand. In addition to enthusiastic participation by NSYSU students, partner universities in southern Taiwan also joined the exhibition, including NCKU, NUK, NKUST, R.O.C. Naval Academy, and CSU. Their participation showcased the achievements of cross-university collaboration, technology exchange, and educational innovation.





半導體大師講座賦能科技跨域菁英 獲首屆 SEMI 產學貢獻獎

半導體及重點科技研究學院自 111 學年度起成立以來，緊密連結企業推動產業科技人才創新培育機制有成，第一、二屆學生兩百多人已陸續畢業加入臺灣半導體國家隊。除了與產業共同規劃課程地圖，半導體學院亦注重學生跨領域知識的養成，規定學生畢業前必須參與 8 場大師講座的知識平台學習，2025-2026 年度分別邀請黃瑞星榮譽院長深入淺出由電子元件理論基礎談半導體產業的發展過程與趨勢、世新陳宜倩教授探討性別平權與法制演變、大聯大控股曾國棟永續長分享職業生涯與職場思維藝術、中研院葉均蔚院士啟發高熵合金材料視野、中華經濟研究院曹添旺董事長剖析川普 2.0 導航臺灣新路徑、陽交大侯拓宏講座教授解密智能記憶體的永續運算、賓州州立大學電機系 Swaminathan 主任洞察 3D 異質整合新趨勢，全方位培育兼具科技專業、人文素養與國際視野的產業人才。有鑑於協助創設學院有功及對科技人才培育績效有目共睹，半導體學院黃義佑院長獲 SEMI 國際半導體產業協會頒發首屆「產學貢獻獎」。



The College of Semiconductor and Advanced Technology Research organized the Master Lectures to empower interdisciplinary technology talent and was honored with the inaugural Industry-Academia Contribution Award by SEMI

Since its establishment in the 2022-23 academic year, the College of Semiconductor and Advanced Technology Research has successfully collaborated with industry leaders to drive innovative talent development in industrial technology. Over 200 students from the first two graduating classes have entered the workforce, joining Taiwan's "Semiconductor National Team." Beyond co-designing curriculum roadmaps with industry partners, the College emphasizes interdisciplinary development, requiring students to attend at least eight Master Lectures as a core knowledge-sharing platform prior to graduation. In the 2025-26 academic year, the lecture series featured distinguished guest speakers, including Honorary Dean (SAT) Juei-Sheng HWANG, providing accessible explanations of semiconductor development history and future trends through the fundamentals of electronic device theory; Professor Yi-Chien CHEN (Shih Hsin University), exploring gender equality and legal evolution; Chief Sustainability Officer Kuo-Dong TSENG (WPG Holdings), sharing perspectives on career planning and professional mindset; Academician Jien-Wei YEH (Academia Sinica), inspiring new horizons inhigh-entropy alloys; President Tien-Wang TSAUR (Chung-Hua Institution for Economic Research), dissecting new strategic paths for Taiwan in the "Trump 2.0" era; Chair Professor Tuo-Hung HOU (National Yang Ming Chiao Tung University), unlocking sustainable computing in intelligent memory; and Department Head Madhavan SWAMINATHAN (Electrical Engineering, Pennsylvania State University), sharing key insights into emerging trends in 3D heterogeneous integration. Through these sessions, the College comprehensively cultivates industry talent equipped with technical expertise, humanistic literacy, and a global perspective. In recognition of his foundational contributions to establishing the College and his proven track record in technology talent development, Dr. I-Yu HWANG, Dean of the College of Semiconductor and Advanced Technology Research, was honored with the inaugural "Industry-Academia Contribution Award" by SEMI.





攜手臺大、阮綜合醫院 共育智慧護理新人才

積極對接國內外資源，護理學系與臺灣大學護理學系簽署教學及研究合作備忘錄，深化師資流動與學術交流，同時與阮綜合醫療社團法人阮綜合醫院護理部簽訂合作備忘錄，推動臨床實習與產學研合作，讓學生提早接觸智慧醫療環境。此外，開設服務學習課程，帶領學生深入霧臺魯凱族部落，學習跨文化健康照顧，培養面對多元族群時的文化敏感度與社區照顧能力。並偕跨領域團隊，前往越南胡志明市醫藥大學及其附設醫院進行海外見習，串聯全球健康議題，培育具備國際行動力的新世代醫療照護人才。



Partnering with NTU and Yuan's General Hospital to cultivate the next generation of smart nursing professionals

The Department of Nursing actively draws on domestic and international resources. It signed a Memorandum of Understanding (MOU) on teaching and research collaboration with the School of Nursing at National Taiwan University, strengthening faculty mobility and academic exchange. It also signed an MOU with the Department of Nursing at Yuan's General Hospital to promote clinical internships and industry-academia-research collaboration, enabling students to gain early exposure to smart healthcare environments. In addition, service-learning courses bring students to Rukai communities in Wutai to learn about cross-cultural healthcare and to develop cultural sensitivity and community care skills to serve diverse populations. The Department also undertook overseas practicums with an interdisciplinary team at the University of Medicine and Pharmacy at Ho Chi Minh City and its affiliated University Medical Center in Vietnam, linking the experience with global health issues and cultivating a new generation of healthcare professionals with international mobility.







南島航海教育計畫啟動 帆船入港成星象航海教室

教育研究所謝百淇教授主持海委會補助之「洋水裡的我們：南島文化的航海實踐與教育推廣」與教育部補助之「島嶼DNA：星羅引航探尋南島連結與永續路徑」計畫，聯合國立臺灣海洋大學、臺灣星空航海協會及國際航海大師，推動南島航海智慧之永續教育行動。團隊首度將傳統航道串聯都會港口，盛大迎接僅靠自然導航、航行 4 個月 6,200 海里的密克羅尼西亞雙體帆船「無私分享號」。海委會計畫於高雄港打造動態「海上教室」，邀請 6 校約 170 名師生參與，透過與國際船員對話，交流航海故事、海洋倫理與傳統生態知識（TEK）。教育部計畫則舉辦種子教師工作坊，培訓 16 名教師將星象導航轉化為系統化課程，深耕臺灣海洋教育。

Austronesian wayfinding education initiatives: the sailing canoe *Alingano Maisu* becomes a dynamic "floating classroom" in Kaohsiung Harbor

Professor Paichi Pat SHEIN of the Institute of Education leads the Ocean Affairs Council (OAC)-funded project One Ocean One Family: Revitalizing Austronesian Wayfinding Culture and Education and the Ministry of Education (MOE)-funded project Island DNA: Stargazer's Wayfinding in Pursuit of Austronesian Connections and Sustainable Pathways. In collaboration with National Taiwan Ocean University, the Taiwan Ocean Wayfinding Association, and international master navigators, the team promotes a sustainability education initiative centered on Austronesian wayfinding wisdom. For the first time, the team connected traditional sea routes with an urban port to warmly welcome the Micronesian traditional sailing canoe *Alingano Maisu*, which completed a 4-month, 6,200-nautical-mile voyage relying solely on natural navigation. Under the OAC project, *Alingano Maisu* was transformed into a dynamic "floating classroom" in Kaohsiung Harbor, engaging around 170 teachers and students from six schools. Through direct dialogue with international crew members, participants exchanged wayfinding stories, marine ethics, and Traditional Ecological Knowledge (TEK). Meanwhile, the MOE project hosted a workshop for 16 seed teachers to translate traditional star navigation into a systematic curriculum, further deepening the roots of marine education in Taiwan.



締約泰國朱拉隆功大學
幕前幕後展精彩成果

劇場藝術學系與泰國朱拉隆功大學簽署合作備忘錄，將朝「國際共製」、「雙聯學位」及「國際學程」等實質方向推動深化合作，建構國際化表演藝術學習平台。並與公視台語台合作，首度開設台語表演人才高雄培訓班，徵選對表演充滿熱情並具備台語文能力的演員。課程「跨域創作與研究」移地至花蓮街頭演出期末呈現、原創音樂劇全新版本於高雄文化中心至德堂隆重登台。劇場服裝設計展首度結合動態展演與靜態展覽，展現「劇場服裝設計」與「劇場服裝設計專題研討」課程成果。此外也以文獻展形式，集結 4 檔畢業製作劇照影像、舞臺模型與技術圖、服裝設計手稿與實品、燈光及背景音樂、海報及文宣品。



Partnering with Chulalongkorn University to showcase theatrical excellence onstage and behind the scenes

The Department of Theatre Arts signed a memorandum of understanding with Chulalongkorn University in Thailand to deepen substantive collaboration on international co-productions, dual-degree programs, and international programs, establishing an international learning platform for the performing arts. In collaboration with PTS Taigi TV Station, the Department also launched its first training program in Kaohsiung for Taiwanese-language performing artists, selecting actors with a passion for performance and proficiency in Taiwanese. The Interdisciplinary Practice and Research course conducted an off-site final presentation on the streets of Hualien, while a new version of an original musical was staged at the Jhih-De Hall of the Kaohsiung Cultural Center. The Theatre Costume Design Exhibition combined dynamic performances with a static exhibition for the first time, showcasing the outcomes of the courses Costume Design for Theatre and Seminar in Theatre Costume Design. An archival exhibition also brought together photographs and videos from four graduation productions, stage models and technical drawings, costume design sketches and finished pieces, lighting and background music, posters, and promotional materials.











A journey of language survey in Taiwan: faculty and students create the Human Relationships and Love of Objects in the Traditional Market platform

Supported by the "Literature's Practical Path" Collaborative Learning Practice Plan, Professor Chia-Lun TU of the Department of Chinese Literature offered the course A Journey of Language Survey in Taiwan. With "Strolling Through the Traditional Market" as the focus of investigation, Professor TU leads students through the entire process of linguistic fieldwork, including contacting vendors for interviews, preparing and testing interview questions, conducting interviews and interactions, documenting vocabulary and expressions in detail, and organizing and editing linguistic data after fieldwork. The findings were ultimately compiled into the Human Relationships and Love of Objects in the Traditional Market language resource platform.



台灣語言踏查之旅 師生創建「菜市仔人情佮物愛」平台

在「文學有路之用」共學實踐計畫的支持下，中國文學系杜佳倫教授開設「台灣語言踏查之旅」課程，以「菜市仔逝街」為調查課題，帶領學生實際參與語文調查的全程工作，包括受訪攤商的聯繫、訪談問題的行前準備與測試、訪談的交流互動、詞彙語句的詳細記錄以及行後語料的整理與編輯，最後據以製作「菜市仔人情佮物愛」語文成果平台。

翻轉古典智慧
AI、Podcast 及桌遊讓經典轉生

中國文學系羅景文教授在文學史課程中，帶領學生化身 Podcaster，將陶淵明、杜甫等文人化為「躺平教主」與當代對話。吳孟謙副教授的「傳習錄」課程引入 Vibe Coding 技術，免除程式語法限制，讓學生打造 AI「心學」互動網頁，實現陽明心學的數位轉生；此外，他在《易經》講座中邀請業師帶領，學生藉由桌遊實踐古典智慧，在 AI 時代鍛鍊心理韌性。中文系透過聲音社群、人工智能與遊戲體驗，成功引領經典跨越時空，展現數位時代下的人文主體性與無限創意。





Reimagining classical wisdom: AI, podcasts, and board games bring the classics to life

In the history of literature course, Professor Ching-Wen LUO of the Department of Chinese Literature guided students to become podcasters, reimagining literary figures such as TAO Yuanming as "the patron saint of lying flat (tangping)" and bringing literary figures such as DU Fu into dialogue with contemporary society. Associate Professor Meng-Chien WU introduced Vibe Coding technology into the course *Chuanxi Lu (Instructions for Practical Living)*, removing the constraints of conventional programming syntax and enabling students to create AI-powered interactive webpages on WANG Yangming's philosophy, bringing Yangming thought to life in digital form. Furthermore, professional practitioners were invited to lead sessions in the *I Ching (The Book of Changes)* lecture series, where students put classical wisdom into practice through board games and cultivated psychological resilience in the AI era. Through audio communities, artificial intelligence, and game-based experiences, the Department of Chinese Literature brings the Chinese classics into renewed dialogue with contemporary life, demonstrating humanistic subjectivity and boundless creativity in the digital age.







Bringing viral internet memes into the linguistics classroom through "soramimi" creation

Viral internet "soramimi" culture has made its way into the classroom! Professor Shu-chen Sherry OU of the Department of Foreign Languages and Literature incorporated the concept into her EMI course, Introduction to English Linguistics, guiding students to explore how sounds convey meaning by connecting everyday linguistic phenomena with core concepts in phonetics, phonology, morphology, and semantics. For the final project, students worked in teams to select foreign songs and create new lyrics in their mother tongues. They then conducted in-depth analyses of phonetic similarities, sound correspondences, and semantic selection strategies underlying their lyric adaptations. This innovative teaching approach successfully combined creative performance with linguistic principles, enabling students to demonstrate both their disciplinary knowledge and English communication skills in an engaging setting.



網路爆紅迷因登學術殿堂 空耳創作認識語言學

網路爆紅「空耳」文化融入課堂！外國語文學系歐淑珍教授開設全英語授課「英語語言學概論」課程，引導學生從生活現象出發，融合語音、音韻、構詞及語意學等核心概念，探索聲音如何傳遞意義。期末成果由學生組隊挑選外語歌曲進行空耳改編，深度分析歌詞設計背後的語音相似性、聲音對應與語意選擇策略。創新教學成功將創意表演與專業語言學原理結合，讓學生在歡笑中展現專業知識與全英表達能力。







科研女力生力軍 3 生獲 TSIA 博士獎、傑出女科學家獎學金

新世代科研女力崛起！電機工程學系郭庭慈、材料與光電科學學系郭娟瑋 2 名博士生從大學起便一路逕讀博士，優秀的研發實力獲得「台灣半導體產業協會（TSIA）2025 半導體獎」殊榮，目前均已獲聘為台積電工程師。生物科學系陳叡怡博士生則從研究助理工作中啟發研究熱忱，轉而攻讀碩士、逕讀博士班，獲國科會連續 3 年獎學金支持，為第 19 屆台灣女科學家「孟粹珠獎學金」唯一得主。

Empowering the next generation of female researchers: 3 students win the TSIA Doctoral Student Awards and the Mong Tsuei-Chu Scholarship

A new generation of female researchers is emerging at NSYSU. Doctoral students Ting-Tzu KUO of the Department of Electrical Engineering and Chuan-Wei KUO of the Department of Materials and Optoelectronic Science pursued doctoral degrees directly from their undergraduate studies. Their outstanding research and development capabilities earned them the Taiwan Semiconductor Industry Association (TSIA) 2025 Semiconductor Awards: Doctoral Student Category, and both are now employed as engineers by TSMC. Doctoral student Rui-Yi CHEN of the Department of Biological Sciences discovered her passion for research while working as a research assistant, then pursued a master's degree and progressed directly to a doctoral program. Supported by an NSTC scholarship for three consecutive years, she was named the sole recipient of the Mong Tsuei-Chu Scholarship at the 19th Taiwan Outstanding Women in Science Awards.







走出教室丈量犧牲社區 「環境社會學」反思環境正義

為培養學生解決問題與分析環境問題成因的能力，社會學系邱花妹副教授開設「環境社會學」課程，帶領學生走出教室，深入後勁、大社、仁武及林園工業區等被包圍數十年的「犧牲社區」，用雙腳丈量真實工業地景。並與 USR「邁向永續轉型與創生：城市共事館的全球在地實踐計畫」策劃「氣候、能源與公正轉型國際論壇」系列活動，透過課程互動、國際論壇交流，實地走讀，從多方角度反思社會發展與環境正義之間的密切關係，以跨國、跨校、跨領域、跨視角的學術激盪，為臺灣的環境正義與公正轉型尋找未來的走向。



Stepping beyond the classroom to explore sacrificed communities: Reflecting on environmental justice through the Environmental Sociology course

To cultivate students' ability to solve problems and analyze the causes of environmental issues, Associate Professor Hua-Mei CHIU of the Department of Sociology offered the Environmental Sociology course, taking students beyond the classroom into "sacrificed communities" that have been surrounded by industrial development for decades, including Houjin, Dashe, Renwu, and the Linyuan industrial area. Through firsthand exploration, students examined the realities of industrial landscapes. The course also involved collaboration with the USR project, Transitions toward Sustainability and Revitalization: The Glocalization Practice of the City as a Commuseum, in organizing the International Forum on Climate, Energy, and Just Transition series. Through classroom interactions, international forum exchanges, and field-based learning, students reflected from multiple perspectives on the close relationship between social development and environmental justice. Cross-national, cross-university, interdisciplinary, and multi-perspective academic dialogue further contributed to exploring future pathways for environmental justice and a just transition in Taiwan.





汗水鑄就學習力！運動韌性助學子面對未來挑戰

學習不只在教室，運動鍛造專注力與堅韌毅力，更是提升學習效能的隱形翅膀。2026 全校運動會創意進場秀熱鬧開幕，並有教職員工趣味競賽、足壘球賽、獨木舟接力計時賽、棒球九宮格擲準、體適能積分賽以及學生接力等多元項目，今年首度納入原住民族傳統射箭體驗，讓師生在揮汗中感受原民文化魅力。依山傍海的路跑活動則吸引教職員生、校友，以及高雄醫學大學、高雄長庚醫院、高雄榮民總醫院與臺灣港務公司共 739 名跑者齊聚，用步伐串聯健康與情誼。此外，畢業典禮特別邀請臺灣首位全英羽賽男單冠軍林俊易分享自身在國際賽場上突破低潮、迎向高峰的歷程，勉勵學子堅持初心。



Building learning capacity through perseverance: Sports cultivate resilience for future challenges

Learning extends beyond the classroom. Sports not only cultivate concentration, perseverance, and resilience but also enhance learning effectiveness. The 2026 NSYSU Sports Day kicked off with a creative entry parade, followed by a variety of events, including faculty and staff fun competitions, kickball, canoe relay races, baseball throwing-accuracy game, physical fitness challenges, and student relays. For the first time, the event also featured a traditional Indigenous archery experience, enabling faculty and students to learn about Indigenous cultural traditions while participating in physical activities. Set against the University's mountain-and-sea surroundings, the Si Wan Mountain & Sea Road Running promoted health and friendship and brought together 739 runners, including faculty, staff, students, alumni, and participants from Kaohsiung Medical University, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung Veterans General Hospital, and Taiwan International Ports Corporation. Furthermore, at the Commencement Ceremony, Chun-Yi LIN, Taiwan's first-ever men's singles champion at the All England Open Badminton Championships, was invited to share his journey of overcoming setbacks and reaching new heights on the international stage, encouraging graduates to stay true to their dreams and original aspirations.



國際生物奧林匹亞勇奪四金 國手培訓助臺灣登世界第一

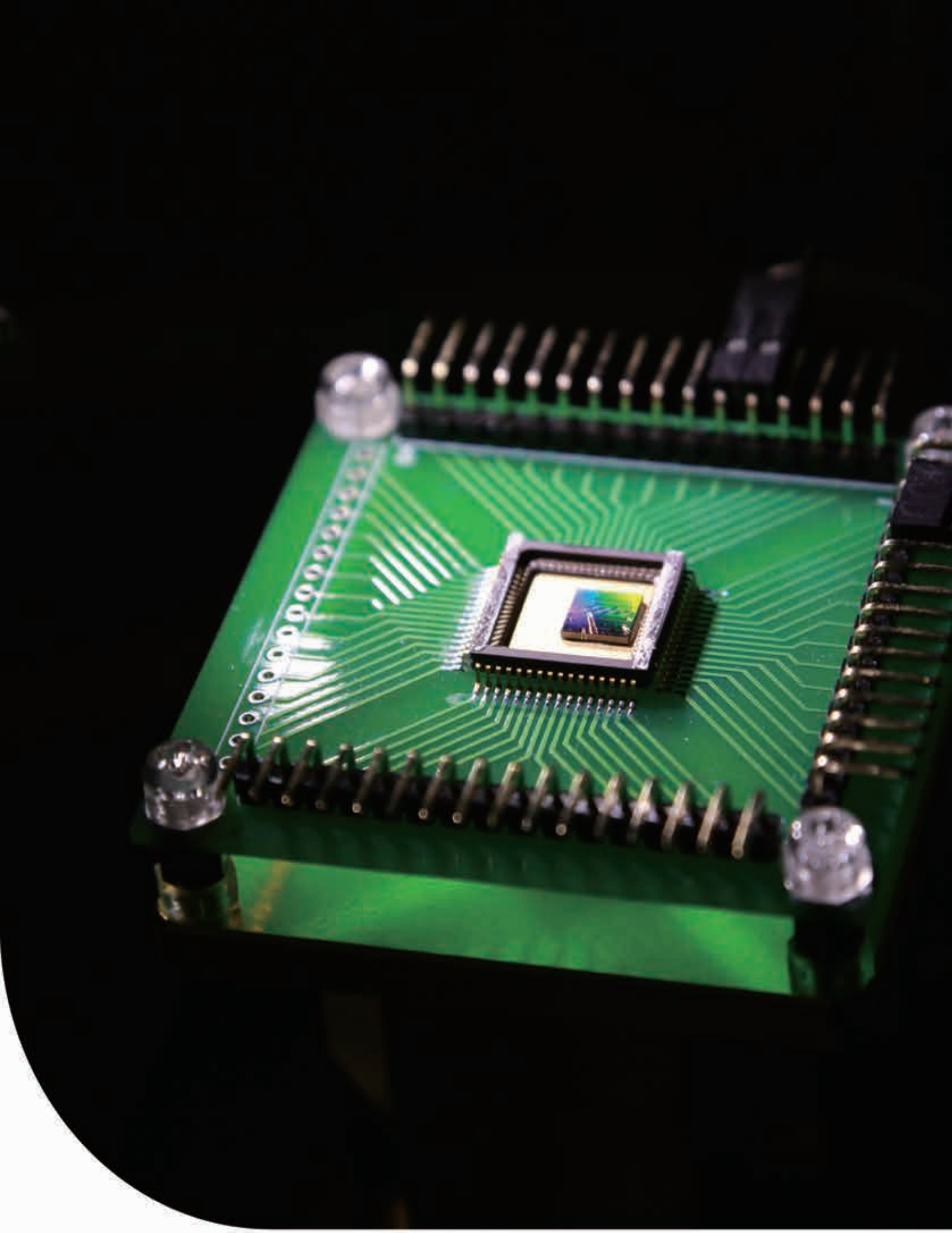
受教育部委託，生物科學系辦理第 37 屆國際生物奧林匹亞競賽國手選拔與培訓，歷經初賽、複賽、選訓決賽及國手決選 4 階段，遴選並培訓 4 名學生代表臺灣參賽。面對來自 78 國、302 名學生的激烈競爭，4 名國手全數摘金，以 4 面金牌佳績名列世界第一，展現臺灣高中生扎實的生物學素養與優異的國際競爭力。未來團隊將持續選拔與培訓具生物學潛能的高中學生，協助拓展國際視野，並在世界舞臺上展現臺灣科學教育成果。



Taiwan wins four gold medals and ranks first at the International Biology Olympiad

Entrusted by the Ministry of Education, the Department of Biological Sciences organized the selection and training program for Taiwan's national team for the 37th International Biology Olympiad. Following four stages of selection and training, including preliminary selection, second-round selection, training-and-selection finals, and final national-team selection, four students were chosen to represent Taiwan. Competing against 302 students from 78 countries, all four members of the Taiwanese team won gold medals, placing Taiwan first worldwide with four gold medals. This outstanding achievement highlights the strong foundation in biology and international competitiveness of Taiwanese high school students. The team will continue to identify and train talented students in biology, broaden their international perspectives, and showcase Taiwan's achievements in science education on the global stage.







創新產學

Innovative Industry-Academia Collaborations



因應國家推動「AI新十大建設」、「五大信賴產業」及「六大區域產業生活圈」政策，本校以打造南臺灣產業創新發動機為使命，整合人才培育、技術創新、產學合作及創新創業能量，建構鏈結國際、服務產業、驅動城市發展的創新產學生態系。

114年產學績效卓著，產學合作計畫經費逾11億787萬元，技術移轉授權金額逾3,076萬元，推廣教育收入逾6,090萬元。115年度截至7月31日，產學合作計畫經費已達7億5,458萬元，未來將持續提升校內技術與產業連結，增進市場競爭力，推進企業與教師技術媒合契機。

本校擔任南臺灣科研產業化平臺主導學校，攜手南部地區11所夥伴學校共同聚焦「半導體」、「AI人工智慧」、「綠能減碳」及「智慧醫療」等前瞻重點領域，拓展跨校技術整合、產業媒合及國際合作。自106年以來，平臺已連續10年獲國科會補助，累計金額逾2.3億元。未來將持續支援南部半導體S廊帶、亞灣2.0及高雄科技產業聚落發展，擴大南臺灣科技研發與產業創新動能。

In response to the national policies promoting the Ten AI Initiatives Promotion Plan, Five Trusted Industry Sectors Promotion Plan, and Six Regional Industry and Living Circles, NSYSU is committed to becoming a driving force of industry innovation in southern Taiwan. By integrating talent cultivation, technological innovation, industry-academia collaboration, and innovation and entrepreneurship, the University is building an innovative industry-academia ecosystem that connects with the international community, serves industry, and drives urban development.

In 2025, NSYSU achieved outstanding results in industry-academia collaboration with a total fund exceeding TWD 1,107,870,000; technology transfer authorizations and continuing education brought in revenues of over TWD 30,760,000 and TWD 60,900,000, respectively. Up to July 31, 2026, the industry-academia collaboration fund had reached TWD 754,580,000. Going forward, NSYSU will strengthen the connection of the University's technology with industry to enhance its market competitiveness and create opportunities for technology coupling between corporations and faculty.

NSYSU leads the Southern Taiwan Global Research & Industry Alliance by integrating with partner universities in southern Taiwan to focus on foresighted fields of "semiconductors, AI, green energy & carbon reduction, and smart medical care." The Alliance promotes cross-university technology integration, industry matching, and international collaboration. Since 2017, the Alliance has successfully obtained more than TWD 230,000,000 in subsidies from NSTC for 10 consecutive years. Looking ahead, the University will continue to support the development of the Semiconductor S Corridor in southern Taiwan, Asia New Bay Area 2.0, and Kaohsiung's technology industry clusters, further strengthening the momentum for technological research and development and industrial innovation in southern Taiwan.



本校積極建立產官學協作模式，並與國內外標竿企業合作。與台積電公司合作推動 5 年 1 億元半導體人才培育計畫、攜手台積電與日月光等企業爭取及落實教育部產業合作共培人才計畫，總經費達 1 億 2,000 萬元；另結合聯發科技、日月光、鴻海等企業推展無人機關鍵技術及應用競賽人才培育，申請教育部補助經費，建構前瞻科技人才培育體系，強化學生跨域實作能力與職場即戰力。

另外，攜手美國亞利桑那大學及高雄市政府規劃成立 SPARK 中心，串聯兩所研究型大學、皮馬郡政府、高雄市府及全球產業夥伴的資源跨境合作鏈結，建立「企業出題、國際團隊解題、產業落地」的新型態跨國產學合作機制。



在科研成果產業化方面，持續深化智慧財產布局、技術移轉及國際授權，積極推升科研成果商品化。本校資工海洋跨域團隊以「多功能 AI 影像監測暨分析系統及其智慧養殖應用」獲資策會「2025 A*Awards 金仝獎」，有效發展低成本智慧養殖。光電工程學系洪勇智教授團隊研發的「光柵檢測裝置及其檢測方法」，以 525 萬元完成專利授權，顯見前瞻光電技術國際競爭力；化學系陳軍互教授團隊成功研發「酸性氧化還原輔助沉積法（ARD）催化劑製備技術」完成專利讓與，金額高達 924 萬元，充分展現本校科研創新、成果商品化及國際產學合作的卓越成效。

NSYSU actively develops industry-government-academia collaboration models and works with leading enterprises in Taiwan and abroad. In partnership with TSMC, the University has launched a five-year, TWD 100 million semiconductor talent cultivation program. It has also worked with TSMC, ASE Technology, and other enterprises to secure and implement the Ministry of Education's Higher Education and Industry Talent Collaboration Program, with total funding reaching TWD 120 million. In addition, the University has partnered with MediaTek, ASE Technology, Hon Hai Technology Group (Foxconn), and other enterprises to promote talent cultivation in key drone technologies and applications through competitions, and has applied for MOE funding to establish a talent cultivation system for emerging technologies, strengthening students' interdisciplinary hands-on skills and workplace readiness.

In addition, NSYSU is working with the University of Arizona in the United States and the Kaohsiung City Government to establish the Silicon Photonics Arizona-Kaohsiung Center (SPARK), creating a cross-border collaboration network that connects the resources from two research universities, Pima County Government, the Kaohsiung City Government, and global industry partners. The initiative establishes a new model of international industry-academia collaboration in which enterprises define challenges, international teams provide solutions, and industry realize solutions.

NSYSU continues to strengthen its intellectual property portfolio, technology transfer, and international licensing, actively advancing the commercialization of research results. An interdisciplinary team from computer science and engineering, and marine sciences received the 2025 A*Awards from the Institute for Information Industry for its "multifunctional image-based monitoring with AI recognition and analysis system and its smart aquaculture applications," enabling the development of low-cost smart aquaculture. The team led by Professor Yung Jr HUNG of the Department of Photonics developed a "grating inspection device and inspection method," which was licensed for TWD 5.25 million, demonstrating the international competitiveness of advanced photonics technologies. The team led by Professor Chun-Hu CHEN of the Department of Chemistry successfully developed the Acidic Redox-assisted Deposition (ARD) Catalyst Preparation Technology, which was transferred through a patent assignment for TWD 9.24 million. These achievements demonstrate NSYSU's outstanding performance in scientific innovation, research commercialization, and international industry-academia collaboration.





減汙固碳、慢痛治療、智慧偵測 3 研究獲國家新創獎

海洋科學系洪慶章特聘教授研發「碳索藻未來：創新紅翎藻養殖技術與大型藻固碳新解方」減汙固碳海藻養殖技術，與生物醫學科技學系巫建興助理教授、醫學院林哲信副院長的「基於超音波能量耦合技術於慢性疼痛個人化管理之應用」無線植入式裝置，以及光電工程學系林宗賢講座教授的「頭頸癌顯微皮瓣重建及監測創新研發」智慧型 ICG 螢光顯影偵測儀等 3 項創新研究，獲第 22 屆國家新創獎。



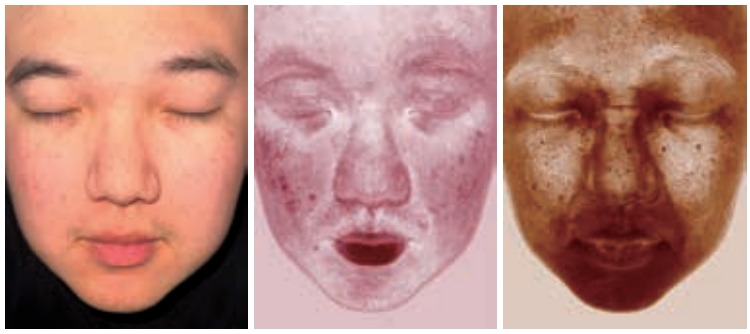
NSYSU research advances pollution reduction, carbon sequestration, chronic pain therapy, and smart monitoring, winning the National Innovation Awards

Three innovative research projects from NSYSU were honored at the 22nd National Innovation Award. The projects include Carbon-Seeking Seaweeds: Innovative *Subulata* Cultivation and New Pathways for Macroalgal Carbon Sequestration, a pollution-reducing and carbon-sequestering seaweed cultivation technology developed by Distinguished Professor Chin-Chang HUNG of the Department of Oceanography; Application of Ultrasonic Energy Coupling Technology for Personalized Chronic Pain Management, a wireless implantable device developed by Assistant Professor Jian-Xing WU of the Department of Biomedical Science and Technology, and Associate Dean Che-Hsin LIN of the College of Medicine; and Innovation of Microsurgical Free Flap Design and Monitoring for Head & Neck Reconstruction, a smart ICG fluorescence imaging monitoring system developed by Chair Professor Tsung-Hsien LIN of the Department of Photonics.



一 鍵拍攝實現醫美級膚質檢測 獲未來科技獎

居家進行醫美等級皮膚檢測不是夢！光電工程學系林宗賢講座教授研究團隊將尖端液晶極化技術整合成手機殼與 App，成功開發全球首款「行動式極化光膚質檢測系統」。將手機裝入專用外殼，便可一鍵拍攝、1 秒取得微血管、棕斑、痘痘與細紋等專業級膚質指標，創新技術獲 2025 未來科技獎。





Capturing medical-grade skin analysis with one click! Tsung-Hsien LIN wins the Future Tech Award

Conducting medical-grade skin analysis at home is no longer a dream! The research team led by Chair Professor Tsung-Hsien LIN of the Department of Photonics has developed the world's first Mobile Polarized Light Skin Analysis System by integrating advanced liquid crystal polarization technology into a smartphone case and app. Users can simply snap their phone into the customized case and capture a single photo to obtain, within 1 second, professional-level skin indicators such as microvessel patterns, pigmentation spots, acne, and fine lines. This breakthrough innovative technology has earned the FUTEX *Future Tech Award* at the 2025 Taiwan Innotech Expo.



種香菇免彎腰
省工神器勇奪鉑金與企業特別獎

種香菇腰痠背痛？機械與機電工程學系林韋至特聘教授翻轉傳統林下產業！團隊研發段木香菇省工機具「段木搬運機」與「自動化植菌機」，科技下田為山村勞力短缺找到解方，並於「2025台灣創新技術博覽會暨發明競賽」中脫穎而出，勇奪鉑金獎、銅牌獎及鴻海科技集團「企業特別獎」。





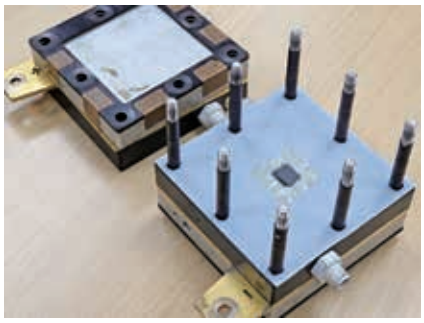


Developing labor-saving devices for cultivating log-based shiitake mushrooms, the NSYSU team wins the Platinum Medal Award and the HON HAI Special Award

Who says growing shiitake mushrooms must come with back pain? Under the leadership of Distinguished Professor Wei-Chih LIN of the Department of Mechanical and Electro-Mechanical Engineering, Taiwan's traditional under-forest industries are being transformed. The research team has developed labor-saving devices for cultivating log-based shiitake mushrooms—the Multi-Axis Log Handling Machine and the Automated Inoculation Machine for Log-Grown Shiitake Mushroom Cultivation. These innovations provide solutions to rural labor shortages, bring smart technology to forest farming, and have earned honors at the 2025 Taiwan Innotech Expo Invention Competition: the Platinum Medal Award, the Bronze Medal Award, and the HON HAI Special Award presented by HON HAI Technology Group.







新型材料助攻淨零碳排 研發新型質子膜、觸媒塗佈膜

光電工程學系黃文堯、張美溦教授團隊研發新型質子交換膜，導電率較業界標準提升逾一倍，其高效、低成本與無毒製程可為氫能產業與淨零轉型鋪路。此外，黃文堯教授團隊也研發氫燃料電池核心材料「觸媒塗佈膜」，可使燃料電池發電功率提升約 16%，降低成本並增加耐用性，技術已與威杰能源公司產學合作，期望關鍵材料國產化，建立臺灣氫能技術體系。



NSYSU develops novel proton exchange membranes and catalyst-coated membranes to advance the net-zero transition

A research team led by professors Wen-Yao HUANG and Mei-Ying CHANG from the Department of Photonics has developed novel proton exchange membranes (PEMs), achieving more than twice the proton conductivity of the industry standard. The technology features high efficiency, low cost, and a non-toxic production process, paving the way for the hydrogen energy industry and net-zero transition. Professor HUANG's team has also developed a core material for hydrogen fuel cells, the catalyst-coated membrane, that can increase fuel cell power generation by approximately 16% while reducing costs and improving durability. The technology has led to an industry-academia collaboration with Nexcellent Energy, aiming to achieve domestic production of key materials and establish a hydrogen energy technology ecosystem in Taiwan.



攜手台積電、IBM、西門子 國際級企業資源縮短學用落差

為搶先掌握新世代職場所需關鍵能力，攜手國際頂尖企業深化產學合作。本校與台積電公司共推「半導體基礎科學與工程應用暑期課程」，結合專業師資與產業鏈結，帶領不同科系背景學生建立半導體知識架構；同時和台灣 IBM 打造「AI 新世代」微學分課程，以企業級 AI 技術與真實情境為核心，協助學生建立完整 AI 素養。此外，也與西門子 EDA、恩萊特科技合作導入業界標準晶片設計平台，建立與全球半導體生態系同步的教學環境，全面強化師生在半導體、IC 設計及光電領域的跨域實戰力。



Partnering with TSMC, IBM, and Siemens to bridge the gap between education and industry with international corporate resources

To help students acquire the key competencies required in future workplaces, NSYSU is deepening industry-academia collaboration with leading international enterprises. In partnership with TSMC, the University offers the Summer Program on Semiconductor Fundamental Science and Engineering Applications, which combines professional instruction with industry connections to help students from diverse academic backgrounds build a comprehensive foundation of knowledge in semiconductor science and engineering. In collaboration with IBM Taiwan, NSYSU has also developed the AI for Next Generation micro-credit course, centered on enterprise-level AI technologies and real-world applications to help students develop comprehensive AI literacy. In addition, the University has partnered with Siemens EDA and Enlight Technology to introduce industry-standard chip design platforms, establishing a teaching environment aligned with the global semiconductor ecosystem and comprehensively strengthening faculty and students' interdisciplinary practical capabilities in semiconductors, IC design, and optoelectronics.









From wound care to AI early warning: Smart healthcare innovations take center stage

NSYSU has achieved notable results in smart healthcare research and development, demonstrating strong potential for practical applications. At the Kaohsiung 2026 Smart City Summit & Expo, a team led by Associate Dean Che-Hsin LIN of the College of Medicine presented a Large-area Afterglow Discharge Cold Plasma system. Reactive molecules generated by the plasma can rapidly penetrate the skin surface, achieving excellent sterilization while simultaneously stimulating tissue regeneration. The technology has a wide range of applications and has been successfully transferred to a local Taiwanese company. At the Medical Taiwan 2026 — International Medical, Health & Care Expo, a team led by Professor Cheng-Hsin CHUANG, then Chair of the Institute of Medical Science and Technology, presented the iHeaDiary Smart Headache Management Platform, while the startup team SmartGuard Technology developed the SmartGuard Smart Active Fall Prevention System. Both technologies focus on early warning of chronic migraine and fall risks, respectively, using AI and biomedical sensing technologies to identify potential health risks at an early stage.

從傷口照護到 AI 預警 智慧醫療展亮點



本校智慧醫療研發成果亮眼，展現強大應用特色。醫學院林哲信副院長團隊於高雄智慧城市展展出「大面積餘暉放電冷電漿」系統，透過電漿誘發之活性分子能快速穿透皮膚表層，滅菌效果極佳且能刺激組織細胞生長，應用範圍廣泛，已成功技轉台灣在地企業。台灣國際醫療暨健康照護展中，時任醫學科技研究所莊承鑫所長團隊打造「iHeaDiary 智能頭痛管理平台」、新創團隊「智感先鋒科技」開發「SmartGuard 智慧主動式防跌偵測系統」，專注於慢性偏頭痛與跌倒的早期預警，運用 AI 與生醫感測技術，及早掌握健康警訊。







7 領域 23 前瞻技術發表 產官學研共構韌性綠能電網

在國科會前瞻技術產學計畫支持下，「台電電網韌性與創新夥伴計畫」舉辦期中成果發表會，集結 23 項研究、聚焦 7 大領域，研究團隊導入 AI、多元資料融合與數位孿生技術，建立電網虛擬分身以即時模擬突發情境、預測風險並提前部署，期打造低脆弱度、高回復力的韌性電網。計畫除提升資安、輸配電保護與復電能力，更培育跨領域電力人才。

23 pioneering technologies across 7 fields advance a resilient green energy grid by industry-government-academia-research collaboration

Supported by the National Science and Technology Council's Pioneer Grants for Academia-Industry Collaboration, the Taipower Grid Resilience and Innovation Partnerships Project held a midterm results presentation featuring 23 research projects across 7 major fields. The research teams incorporated AI, multi-source data fusion, and digital twin technologies to create virtual replicas of the power grid that can simulate unexpected situations in real time, predict risks, and enable proactive deployment. The initiative aims to establish a resilient power grid with lower vulnerability and greater recovery capacity. In addition to enhancing cybersecurity, power transmission and distribution protection, and power restoration capabilities, the project is also cultivating interdisciplinary talent in the power sector.



聚焦智慧醫療與資安防禦 攜手資策會打造可信任 AI

本校與資策會跨域產學合作聚焦三大前瞻領域。在「智慧醫療創新」方面，醫學院臨床經驗結合資策會軟體技術研究院智慧科技，提升照護效率，推動「從醫院到居家」的精準健康服務。針對資安，聯手資策會資安科技研究所投入「後量子密碼解決方案」研發，將大幅提升台灣抵禦量子攻擊的能力，替未來數位社會築起堅固防線。「可信任人工智慧」則在追求演算法與影像技術突破的同時，更兼顧隱私保護、透明度與風險防護，共同打造安全創新的新世代數位應用。



Advancing smart healthcare and cybersecurity with the Institute for Information Industry to build trustworthy AI

NSYSU and the Institute for Information Industry (III) are advancing cross-disciplinary industry-academia collaboration in three major emerging fields. In "Smart Healthcare Innovation," the clinical expertise of the College of Medicine is combined with smart technologies developed by III's Software Technology Institute to improve healthcare efficiency and advance precision health services, extending "from hospitals to homes." In cybersecurity, NSYSU is working with III's CyberSecurity Technology Institute to develop "post-quantum cryptography solutions," significantly strengthening Taiwan's capacity to withstand quantum attacks and establishing a robust defense for the digital society of the future. In "Trustworthy Artificial Intelligence," the collaboration pursues breakthroughs in algorithms and imaging technologies while also addressing privacy protection, transparency, and risk mitigation, jointly developing a new generation of secure and innovative digital applications.







全球視野

Global Vision



本校目前共有 335 所姊妹校、締結 7 個大學聯盟，包括亞洲 179 校 1 聯盟、歐洲 113 校 2 聯盟、美洲 40 校 4 聯盟及大洋洲 3 校，分佈於 46 個國家。其中 233 校簽有 261 個交換學生計畫協議，41 校簽訂有 53 個雙聯學位協議。114 學年度新簽訂來自韓國、泰國、印尼、緬甸、加拿大、美國、瑞典、德國、捷克及西班牙等 10 國計 13 所姊妹校。

在拓展學術合作方面，與瑞典皇家理工學院簽署校級 3+2 學碩士雙聯學位協議。學生可於本校完成 3 年學士課程後，銜接皇家理工學院 2 年碩士課程，取得雙學位，預計 2027 年招收首批學生跨國修讀。社會科學院與泰國法政大學跨領域學院簽訂雙邊合作備忘錄，推動臺泰學術研究深度整合；並與韓國釜山國立大學社會科學院建立學術合作，促成更多研究與學術交流機會。理學院也與大阪大學理學院共推博士雙聯學位、舉辦聯合科學研討會強化跨國科研交流。

本校亦舉辦及參與多場次國際招生展及教育者年會。114 學年度參與 21 場次實體與線上招生展、新型專班教育展及國際教育者年會（含泰國、菲律賓、印尼、印度、越南、馬來西亞、孟加拉及法國等國家），招募優秀海外學子來校就讀及拓展國際學研合作，提供師生更多國際交流機會。114 學年度在籍境外學位生計 844 人（含外籍生 506 人、僑生 322 人、陸生 16 人）、在校交換生計 507 人（含外籍交換生 424 人、陸生 83 人）。此外，本校致力於建構完善的境外生支持系統，提供友善、安全、可依靠的跨文化學習環境，榮獲教育部「境外學生輔導工作績優學校」，全臺僅四校入選。

NSYSU has joined 7 university alliances and established academic collaborations with 335 higher education institutions across 46 countries. These partnerships include 179 institutions and 1 alliance in Asia, 113 institutions and 2 alliances in Europe, 40 institutions and 4 alliances in the Americas, and 3 institutions in Oceania. To date, NSYSU has concluded 261 student exchange agreements with 233 institutions, as well as 53 dual or accelerated degree program agreements with 41 institutions. In the 2025-2026 academic year, NSYSU further expanded its global network by adding 13 new partner institutions from 10 countries: South Korea, Thailand, Indonesia, Myanmar, Canada, the United States, Sweden, Germany, the Czech Republic, and Spain.

In expanding its international academic collaborations, NSYSU signed a university-level 3+2 collaborative academic program agreement with KTH Royal Institute of Technology in Sweden. Under the program, students complete three years of undergraduate study at NSYSU followed by a two-year master's program at KTH, earning both an NSYSU bachelor's degree and a KTH master's degree within five years. The first cohort is expected to enroll in 2027. The College of Social Sciences signed a bilateral memorandum of understanding with the College of Interdisciplinary Studies at Thammasat University to advance academic and research collaboration between Taiwan and Thailand. It also established a partnership with the College of Social Sciences at Pusan National University in South Korea, facilitating future research and academic exchange. The College of Science partnered with the Graduate School of Science at the University of Osaka to promote a double PhD degree program and organize joint science symposia, further strengthening international scientific research exchanges.





華語教學中心持續規劃優質多元課程，提供境外學生及本校外籍教師完善的華語學習環境。114 學年度有 655 人次修讀華語課程，並接待來自日本、美國、菲律賓、英國、法國、愛沙尼亞、奧地利、荷蘭、比利時、盧森堡及波蘭等 11 國華語遊學團，共 23 團 360 人。其中，美國麻省理工學院於 115 年第四度來校進行中文項目移地教學課程，師生共計 23 人。

積極辦理多元活動及講座，讓學生持續接軌世界，提升國際事務參與度、拓展全球視野。114 學年度辦理 42 場次有關出國交換、海外研修，及各類出國獎助學金計畫說明會，共計 2,401 人次參與。另開設 3 期共 24 班次免費多國語言課程（包含韓語、日語、德語、法語、西班牙語、泰語及越南語），學員共計 580 名。





NSYSU also actively organized and participated in numerous international education fairs and educators' conferences. In the 2025-26 academic year, the University took part in 21 on-site and online education fairs, INTENSE program fairs, and international educators' conferences in Thailand, the Philippines, Indonesia, India, Vietnam, Malaysia, Bangladesh, and France. These activities aimed to recruit outstanding international students and expand international academic and research collaborations, creating more international exchange opportunities for faculty and students. During the same academic year, NSYSU enrolled 844 international degree-seeking students, including 506 international students, 322 overseas Chinese students, and 16 students from China. The University also hosted 507 exchange students, consisting of 424 international exchange students and 83 students from China. Furthermore, NSYSU is committed to building a comprehensive support system for international students and providing a friendly, safe, and inclusive cross-cultural learning environment. In recognition of these efforts, NSYSU received the Ministry of Education's Excellence in International Student Counseling Award, an honor granted to only four universities nationwide.

The Chinese Language Center (CLC) continues to develop high-quality and diverse courses, providing the University's international students and faculty with a comprehensive environment for learning Chinese. In the 2025-26 academic year, a total of 655 enrollments were recorded in Chinese language courses. The CLC also hosted 23 short-term Chinese language study programs, and there were 360 participants from 11 countries, including Japan, the United States, the Philippines, the United Kingdom, France, Estonia, Austria, the Netherlands, Belgium, Luxembourg, and Poland. Among them, the Massachusetts Institute of Technology (MIT) conducted its Chinese language immersion program at the University for the fourth consecutive year, with a total of 23 students and faculty members.

The University actively organizes a diverse range of events and lectures to connect students with the global community, encourage engagement in international affairs, and broaden their global perspectives. During the 2025-26 academic year, NSYSU hosted 42 information sessions on overseas exchange programs, international training opportunities, and outbound scholarships, attracting a total of 2,401 participants. In addition, three terms of free foreign language courses were offered, encompassing 24 classes in Korean, Japanese, German, French, Spanish, Thai, and Vietnamese, with a total enrollment of 580 students.

延攬頂尖人才
厚植跨國科研實力

致力延攬國際學者，提升教學與研究能量。新聘日本富山大學阿部郁朗特任教授、美國喬治亞州立大學謝博安教授，並續聘美國猶他大學胡仁華講座教授擔任玉山學者，投入天然物化學、人工智慧及醫療資訊數位轉型等重點研究，帶領師生接軌國際前沿。李志鵬校長亦率團赴美攬才，走訪紐約、矽谷及洛杉磯，介紹本校雙語校園、研究資源及跨域特色，吸引優秀人才來臺發展；並拜訪海外校友、參訪 Startup Island Taiwan 等新創據點，交流人才培育及產學發展經驗，拓展全球連結。







Recruiting top talent and strengthening global research capabilities

NSYSU is committed to recruiting global scholars to strengthen its teaching and research capacity. The University has newly appointed two scholars: Professor Ikuro ABE from the University of Toyama, Professor JJ Po-An HSIEH from Georgia State University, and renewed the appointment of Chair Professor Paul J. HU from the University of Utah as the Yushan Fellow. These scholars contribute to research in key areas, including natural product chemistry, artificial intelligence, and information technology in healthcare and digital transformation, helping faculty and students to engage with cutting-edge global research. To strengthen global recruitment, President Chih-Peng LI also led a delegation to the United States, and visited outstanding talent in New York, Silicon Valley, and Los Angeles, introducing NSYSU's bilingual campus, research resources, and interdisciplinary strengths. The delegation also visited overseas alumni and startup hubs, such as Startup Island Taiwan, exchanging experiences in talent cultivation and industry-academia development, and expanding NSYSU's global connections.





建構矽光子合作網絡 產官學赴美締約

與高雄市政府共同訪問美國亞利桑那大學，並與亞利桑那州政府及產官學代表簽署「六方半導體生態系與全球人才夥伴合作備忘錄」，共同投入矽光子關鍵技術研究。雙方規劃成立「矽光子亞利桑那高雄中心」，合作範圍涵蓋矽光子、半導體、人工智慧及光電科技，並推動跨國研究、雙聯學位、師生互訪及產學鏈結，採企業提出需求、學界共同研發模式，回應台積電、AMD 等產業發展方向，培育具國際競爭力的科技人才。

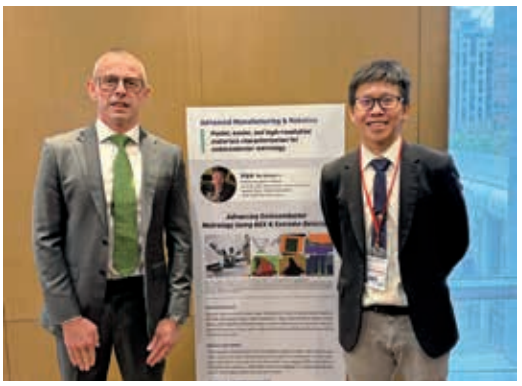
Building a silicon photonics network through cross-sector collaboration in the US



NSYSU joined the Kaohsiung City Government in visiting the University of Arizona and signed the Six-Party Memorandum of Understanding on Semiconductor Ecosystems and Global Talent Partnership with the Arizona state government and representatives from industry, government, and academia to jointly advance research into key silicon photonics technologies. The two sides plan to establish the Silicon Photonics Arizona-Kaohsiung Center (SPARK), with collaboration covering silicon photonics, semiconductors, artificial intelligence, and optoelectronic technologies. The partnership will also promote international research collaboration, dual-degree programs, faculty and student exchanges, and industry-academia partnerships. Adopting a model in which "industry defines the challenges and international academia provides the solutions," the initiative responds to industry development directions at companies such as TSMC and AMD while cultivating internationally competitive technology talent.







臺英夥伴關係升級　開啟科研新契機

本校參與創建的「臺英大學聯盟」累計推動了 15 項合作計畫、54 人次師生交流。114 年李志鵬校長率團赴英國愛丁堡大學參加年會及完成續約，8 所成員大學簽署 3 年合作協議，希望未來合作範圍由英語教學、淨零永續，擴及人工智慧、無人機等前瞻科技研究，開啟臺英高教發展新階段。本校並與英國國家長壽創新研究中心及國際創新長壽社企簽署合作備忘錄，共同投入 AI 智慧健康、長壽城市及高齡照護研究，整合臺英產官學資源，推進健康長壽議題。科研方面，參與臺英「創新產業研究人員交流計畫」，攜手英國牛津儀器導入新型 X 光偵測技術，加速晶片品質檢測與製程優化，提升臺灣半導體研發能量。

Strengthening Taiwan-UK partnerships and creating new research opportunities

The Taiwan-UK University Consortium (TUKUC), of which NSYSU is a founding member, has supported 15 collaborative research projects and 54 faculty and student exchanges. In 2025, President Chih-Peng LI led a Taiwanese delegation to the University of Edinburgh for the consortium's annual conference and the renewal of the partnership. The eight member universities signed a new three-year alliance agreement, and the alliance expects to expand future collaboration from English language teaching and net-zero initiatives to research in emerging technologies such as artificial intelligence and drones, marking a new chapter in Taiwan–UK higher education collaboration. NSYSU also signed memoranda of understanding with the UK's National Innovation Centre for Ageing and the Taiwan Innovation Centre Ageing to jointly advance research on AI-driven smart health, age-friendly cities, and elderly care, integrating resources from industry, government, and academia in Taiwan and the UK to promote healthy longevity. In scientific research development, NSYSU participated in the Taiwan-UK Innovative Industries Program (I^2P) and collaborated with Oxford Instruments to introduce advanced X-ray detector technology, accelerating chip quality inspection and process optimization while strengthening Taiwan's semiconductor R&D capacity.



臺美攜手拓展學術量能 開創教育新局

為擴大臺美高教連結及學術影響力，主辦「APERA–TERA 2025 國際學術研討會」，吸引全球 19 國逾 300 名學者與會，邀請美國普渡大學、波士頓學院及夏威夷大學學者發表專題演講，聚焦科技創新與教育倫理等議題。此外，獲教育部「國家重點領域國際合作聯盟」（UAAT）創新課程與人才培育計畫支持，本校社會科學院與華盛頓大學教育學院簽署院級學術合作備忘錄，推動跨國研究及全英語課程優化；師生亦赴華盛頓大學參與「公正轉型高教深耕計畫」交流研修，探討多語教學與脆弱群體支持策略。另外，並與夏威夷大學馬諾阿分校共同開設「地方本位教育研究」跨國課程，結合南島航海智慧、海洋永續、原住民族知識及 SDGs 議題，拓展學生國際視野。



Strengthening Taiwan-US academic collaboration and advancing new directions in education



To strengthen higher education connections between Taiwan and the United States and expand academic influence, NSYSU hosted the APERA–TERA 2025 International Conference, attracting more than 300 scholars and practitioners from 19 countries. Scholars from Purdue University, Boston College, and the University of Hawaii delivered keynote speeches addressing topics such as technological innovation and ethics in education. With support from the Ministry of Education's University Academic Alliance in Taiwan (UAAT) program for innovative curricula and talent cultivation, College of Social Sciences in NSYSU signed a college-level memorandum of understanding with University of Washington College of Education to promote international research collaboration and enhance English-Medium Instruction (EMI) curricula. Faculty and students also visited the University of Washington for an exchange and study program under the Higher Education Sprout Project for Just Transition, exploring multilingual teaching and support strategies for vulnerable groups. In addition, NSYSU and the University of Hawaii at Mnoa jointly launched the international course Place-Based Educational Research, integrating Austronesian navigational culture, ocean sustainability, indigenous knowledge systems, and the Sustainable Development Goals (SDGs) to broaden students' international perspectives.







四大國際論壇登場 聚焦 AI、半導體、傳播與教育趨勢

全年舉辦四大國際論壇，涵蓋半導體、人工智慧、傳播及教育等領域。其中，與美國賓州州立大學連續 3 年合辦半導體暨光電研討會，聚焦半導體、光電整合、矽光子及人工智慧等前瞻技術，並與台積電等產業夥伴分享最新發展，促進學研互動與人才培育。此外，承辦臺灣傳播學會 30 週年年會，邀集英國、新加坡、荷蘭、美國及香港等逾 30 所國內外大學、超過 200 名學者，共同探討 AI、媒體信任、政治極化、社會韌性及永續傳播；並與菲律賓臺灣教育中心共同舉辦臺菲教育交流論壇，從南島文化視角探討原住民族教育與永續發展；另主辦中國電機工程學會年會，吸引近 300 人參與，聚焦能源政策、半導體先進製程、AI 技術布局及組織轉型，促進跨領域對話。



Hosting four international forums on AI, semiconductors, communication, and education trends

NSYSU hosted four major international forums throughout the year, covering semiconductors, artificial intelligence, communication, and education. For the third consecutive year, the University co-hosted the Semiconductor Technologies & Photonics Workshop with the Pennsylvania State University, focusing on cutting-edge technologies including semiconductors, photonic integration, silicon photonics, and artificial intelligence. The workshop also brought together industry partners such as TSMC to share the latest developments and promote academic and research interaction exchange and talent cultivation. In addition, NSYSU hosted the 30th annual conference of the Taiwan Communication Association, bringing together more than 200 scholars and experts from over 30 universities and research institutions in Taiwan and abroad, including institutions in the UK, Singapore, the Netherlands, the United States, and Hong Kong, to explore AI, media trust, political polarization, social resilience, and sustainable communication. The University also co-hosted the Taiwan-Philippines Annual Education Forum with the Taiwan Education Center in the Philippines, examining Indigenous education and sustainable development from an Austronesian cultural perspective. Furthermore, NSYSU hosted the annual conference of the Chinese Institute of Electrical Engineering, which attracted nearly 300 participants and focused on energy policy, advanced semiconductor processes, AI technology development, and organizational transformation, fostering interdisciplinary dialogue.





海洋科研跨國攜手 藍碳研究守護黑潮與珊瑚復育

拓展海洋科研網絡，透過國際論壇及協作研究，匯聚全球專業能量，關注海洋永續。學術交流方面，與夥伴共同舉辦「台灣國際珊瑚礁研討會」，集結 22 國、逾 200 名專家學者，探討珊瑚礁研究、復育技術、氣候變遷、生物多樣性及海洋治理，並啟動「台達珊瑚 LAI Hub」，結合影像分析技術，提升跨國研究效率。此外，主辦「第 18 屆國際黑潮圈科學研討會」，邀集日、菲、馬、印尼等國 108 名學者交流海洋生態研究成果，首度納入海洋文化議題，拓展黑潮圈研究視野。另與太平洋友邦帛琉完成國內首次於帛琉專屬經濟海域進行海洋碳匯聯合調查，規劃建置沿岸藍碳示範監測區；帛琉副總統歐宜樓亦親自來校交流，深化雙方海洋科研夥伴關係。







Advancing international marine scientific research on blue carbon to protect the Kuroshio and restore coral reefs

NSYSU continues to expand its marine scientific research network and gather global expertise through international forums and collaborative research, with a focus on marine sustainability. For academic exchange, the University co-hosted the Taiwan International Symposium on Coral Reefs, bringing together more than 200 experts and researchers from 22 countries to explore coral reef research, restoration technologies, climate change, biodiversity, and marine governance. It also launched the Delta Coral LAI Hub, integrating image analysis technologies to enhance the efficiency of international research collaboration. Furthermore, NSYSU hosted the 18th International Kuroshio Science Symposium, inviting 108 scholars from Japan, the Philippines, Malaysia, Indonesia, and other countries to exchange findings in marine ecological research. For the first time, the Symposium incorporated ocean cultural issues, broadening the research scope of the Kuroshio science community. NSYSU also conducted Taiwan's first joint marine carbon sink survey in Palau's Exclusive Economic Zone and planned to establish a coastal blue carbon demonstration monitoring zone. Palau's Vice President Raynold B. OILOUCH also visited NSYSU for an exchange, further deepening the marine research partnership between the two sides.



推動國際碳治理交流　分享臺灣淨零經驗

碳權研究與服務中心受國際合作發展基金會委託，前往友邦史瓦帝尼辦理「碳權知能培訓」，邀集政府部會、企業及金融機構代表，分享國際自願性碳市場趨勢、碳權認證、再生能源、造林、潔淨爐具、全球氣候治理及碳定價制度等議題，協助建立碳管理知能，支持永續轉型。此外，本校與臺灣碳權交易所、臺灣證券交易所共同舉辦多場臺灣碳定價國際研討會，邀請臺、日、韓、星專家交流碳定價制度設計與治理經驗，推動臺灣與國際合作接軌、邁向淨零轉型。





Promoting international exchange on carbon governance and sharing Taiwan's net-zero experience

Commissioned by the International Cooperation and Development Fund (ICDF) of Taiwan, the Center for Carbon Research and Solutions conducted a Carbon Market Training program in Eswatini, bringing together representatives from government ministries, enterprises, and financial institutions. The training covered trends in the international voluntary carbon market, carbon credit certification, renewable energy, afforestation, clean cookstoves, global climate governance, and carbon pricing systems, helping participants build capacity in carbon management and supporting sustainable transformation. In addition, NSYSU co-hosted international symposia on Taiwan's carbon pricing system with the Taiwan Carbon Solution Exchange and the Taiwan Stock Exchange, inviting experts from Taiwan, Japan, South Korea, and Singapore to exchange experiences in carbon pricing system design and governance, thereby advancing Taiwan's international cooperation and its transition to net zero.





臺日交流拓展跨域連結 共創地方創生新典範

持續拓展臺日交流，擴大跨域連結。李志鵬校長率團赴日本高知大學出席「臺日大學地方連結與社會實踐聯盟」首長會議，聚焦 USR、地方創生、永續發展及防災韌性；師資培育中心攜手京都大學辦理教育見習、AI 教育工作坊，並與花園中學續簽合作協議；永續實踐 STAMD 共學群赴大阪、神戶參訪淨零轉型案例；積體電路設計研究所舉辦 TJCAS 2025 國際研討會，吸引逾 150 名學者參與，促進臺日半導體及 IC 設計研究互動。此外，與岡山大學、愛媛大學、高知大學及筑波大學共同推動地方創生、農業廢棄物再利用成手工和紙、「夜來祭」文化、防災教育及永續共學等跨國課程，引領師生借鏡日本經驗，回應臺灣地方發展需求，拓展國際夥伴網絡。



Expanding Taiwan-Japan exchanges to foster cross-disciplinary connections and develop local revitalization paradigms

NSYSU continues to expand Taiwan-Japan exchanges and strengthen cross-disciplinary connections. President Chih-Peng LI led a delegation to Kochi University in Japan to attend the Alliance Executives Meeting of the Taiwan-Japan Alliance of Local Revitalization and Social Practice, with a focus on University Social Responsibility (USR), local revitalization, sustainable development, and disaster resilience. The Center for Teacher Education collaborated with Kyoto University to organize teaching practicums and AI education workshops and renewed its cooperation agreement with Hanazono Junior & Senior High School. The STAMD sustainable practice collaborative learning community also visited Osaka and Kobe to study net-zero transformation cases. Meanwhile, the Institute of Integrated Circuit Design hosted the TJCAS 2025 conference, attracting more than 150 scholars and promoting research exchange between Taiwan and Japan in semiconductor and IC design. In addition, NSYSU worked with Okayama University, Ehime University, Kochi University, and the University of Tsukuba to develop international courses on local revitalization, the reuse of agricultural waste to produce traditional Japanese handmade washi paper, the Yosakoi Festival culture, disaster prevention education, and collaborative learning for sustainability. These initiatives enable faculty and students to draw on Japanese experience in responding to local development needs in Taiwan while expanding NSYSU's international partner network.



首例臺英共辦碩士學程 培育全球公民人才

與英國倫敦大學亞非學院共同成立「全球公民權碩士學位學程」，由兩校共同規劃課程、授課及指導，成為臺英高教聯合辦學首例。學程於 115 學年度招收首屆學生，採一年兩國密集修課模式，由臺英教師共同指導，課程涵蓋全球公民權、永續發展、性別、遷移、社會平等及全球南方等議題，培養具跨文化素養的國際人才。為鼓勵優秀學生就讀，提供 6 名全額及 12 名部分獎學金，學生僅需負擔一般留英學費約五成，並至法、菲、印尼等國招生。此外，在教育部「國家重點領域國際合作聯盟創新課程與人才培育計畫」支持下，邀請英方教授來臺參與「全球南方研究」工作坊，促進課程開發共構，建立臺英共同指導模式。



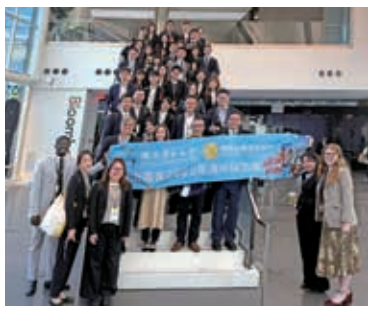
Launching the first Taiwan–UK joint master's degree to cultivate global citizens

NSYSU and SOAS University of London established the Global Citizenship Joint Master's Programme, with the two universities collaborating on curriculum design, teaching, and research supervision, marking the first jointly delivered degree program between higher education institutions in Taiwan and the UK. The inaugural cohort was admitted in the 2026 academic year with an intensive "one year, two countries" teaching model and a dual-mentor system under which students are supervised by faculty from Taiwan and the UK. The curriculum covers global citizenship, sustainable development, gender, migration, social equality, and the Global South, cultivating internationally competent professionals with cross-cultural understanding. To attract outstanding students to enroll, the Programme offers 6 full scholarships and 12 partial scholarships, with students paying only around 50% of standard UK tuition fees. Recruitment is also conducted in France, the Philippines, Indonesia, and other countries. Furthermore, with support from the Ministry of Education's University Academic Alliance in Taiwan (UAAT) Innovative Curriculum and Talent Development Strategy, SOAS professors were invited to NSYSU to participate in the Global South Studies Curriculum Workshop, promoting collaborative curriculum development and establishing a Taiwan-UK co-supervision model.









國金學院拓展國際布局 偕瑞穗銀行接軌金融實務

國際金融研究學院積極拓展國際布局，強化金融專業人才培育。與日本瑞穗銀行簽署合作備忘錄，成為國金學院首家日系合作銀行，師生並赴瑞穗銀行東京總行參訪交流，深入了解國際金融市場、外匯交易與人工智慧在銀行業的實務應用，透過企業參訪、海外交流、實務課程及產學鏈結，深化臺日金融教育。為拓展學生國際視野，國金學院率師生赴美研修，走訪彭博紐約總部、摩根士丹利等機構，並於紐約市立大學柏魯克學院修習全球資產配置、數據分析、風險管理及永續金融等課程，對接華爾街金融生態，結合理論與實務，提升國際金融專業能力。此外，並與公共電視文化事業基金會國際影音平臺 TaiwanPlus 簽署合作備忘錄，透過人才交流、論壇及媒體協作，提升臺灣高教國際能見度。



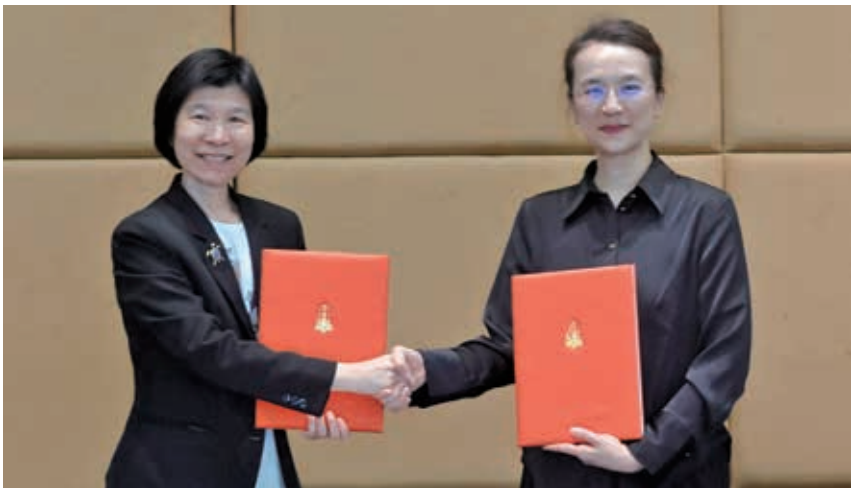
Partnering with Mizuho Bank to connect education with financial practices, the School of Banking and Finance expands its international engagement

The School of Banking and Finance actively expands its international engagement to strengthen the cultivation of financial professionals. The School signed a memorandum of understanding with Mizuho Bank, making it the School's first Japanese banking partner. Faculty and students also visited Mizuho Bank's Tokyo headquarter to gain a deeper understanding of international financial markets, foreign exchange trading, and the practical applications of artificial intelligence in banking. Through corporate visits, overseas exchanges, practice-oriented courses, and industry–academia collaboration, the partnership further strengthens financial education between Taiwan and Japan. To broaden students' global perspectives, the School also led a delegation of faculty and students to the United States for an overseas study program, visiting institutions including Bloomberg's New York headquarter and Morgan Stanley. Students also took courses in global asset allocation, data analysis, risk management, and sustainable finance at Baruch College, City University of New York, gaining first-hand exposure to Wall Street's financial ecosystem while integrating theory with practice to enhance their professional competencies in international finance. In addition, the School signed a memorandum of understanding with TaiwanPlus, the international multimedia platform of the Taiwan Public Television Service Foundation, to enhance the global visibility of Taiwan's higher education through talent exchanges, forums, and media collaboration.



臺泰共育人才
孔敬基地串聯產學資源

積極布局臺泰高教交流，攜手泰國孔敬大學成立「臺泰國際人才循環基地」，以教育部「國際產業人才教育專班」為核心，整合政府、產業與學界資源，建構泰國東北地區招生及人才培育據點。基地提供招生、華語教學、留學與職涯諮詢、企業實習及產學媒合等一站式服務，串聯臺泰企業及雙聯學位合作，聚焦理工、金融與半導體等領域，培養符合產業需求的人才。未來亦將與泰國法政大學、馬希竇大學持續推進交流，擴展臺泰教育版圖。



Connecting industry and academia at the INTACT Khon Kaen Base to cultivate talent through Taiwan-Thailand collaboration

NSYSU actively promotes higher education exchange between Taiwan and Thailand. In partnership with Khon Kaen University, it established the Khon Kaen Base of the Taiwan–Thailand International Talent Circulation Base (INTACT Base) in Thailand. Centered on the Ministry of Education's International Industrial Talents Education Special Program (INTENSE Program), the base integrates resources from government, industry, and academia to serve as a hub for student recruitment and talent development in northeastern Thailand. The base provides one-stop services encompassing student recruitment, Chinese language education, study-abroad and career counseling, corporate internships, and industry–academia matchmaking. It also connects businesses in Taiwan and Thailand and promotes dual-degree programs, with a focus on STEM, finance, and semiconductor-related fields to cultivate talent that meets industry needs. In the future, NSYSU will continue to advance exchanges with Thammasat University and Mahidol University, further expanding the Taiwan-Thailand higher education network.







Voices of the Island brings Taiwan's culture to the world as the grand finale of We TAIWAN at Expo 2025 Osaka

Voices of the Island: A Ritual of Gratitude Before the Temple, organized by the Ministry of Culture, was invited as the grand finale of We TAIWAN at Expo 2025 Osaka. The production was directed by Associate Professor Shih-huei TU of the Department of Theatre Arts at NSYSU, with Department of Music alumnus Shr-Yau JUO serving as music director. This marked the first time Taiwanese culture was presented on the Expo stage in the form of ritual theater. The performance brought together nine groups, using elements such as glove puppetry, the Great Lord Parade, Indigenous songs, traditional dances, and mother-tongue chanting to present Taiwan's religious culture and its deep connection to the land across five thematic chapters. Numerous NSYSU alumni participated in the creation and performance, showcasing interdisciplinary achievements, bringing Taiwan's folk arts to the international stage, and sharing the richness of Taiwan's cultural heritage with the world.





大阪世博壓軸 《島嶼之聲》讓世界聽見臺灣

由劇場藝術學系杜思慧副教授擔任總導演、音樂學系校友卓士堯擔任音樂總監，文化部策劃的《島嶼之聲一廟埕前的謝神戲》，獲邀擔任日本大阪世博會壓軸演出，也是臺灣文化首度以酬神儀式劇場形式登上世博舞臺。演出集結 9 組團隊，以布袋戲、神將遶境、原民歌聲、傳統舞蹈及母語吟唱等元素，透過 5 大篇章呈現臺灣信仰文化與土地情感。本校多名校友參與創作及演出，展現跨域成果，讓臺灣民間藝術躍上國際舞臺，傳遞豐富文化底蘊。





拓展與區域連結

Outreach and Regional Alliances



為呼應世界環境議題以及全球對於永續發展的重視，本校 114 年經校務會議正式通過成立校級「永續發展辦公室」，並於 11 月正式揭牌成立，以更具系統性與前瞻性的治理思維，推動校園淨零碳排與社會責任實踐，全面盤點環境、社會、學術三大領域的資源與成果，並深化利害關係人及重大議題的調查，作為永續策略的重要依循。同時以校務層級的規格，規劃相關鼓勵機制、課程設計、校園活動、跨界合作，持續將永續理念落實為日常實踐的具體行動。

本校師生以專業與熱忱，透過多元課程與研究計畫，積極投入社會實踐與永續發展，屢獲肯定。在《天下》115 大學社會責任大學公民評比中榮獲第五名、《遠見》台灣最佳大學排行榜中獲頒「公立大學典範獎」及「中大型大學」冠軍，於 THE、QS 等各項國際排名永續指標表現上亦持續進步。校內各單位亦在專業領域屢創佳績，展現本校在永續實踐上的努力與決心。

In response to global environmental issues and the growing international emphasis on sustainable development, NSYSU formally approved the establishment of the university-level Office of Sustainability at a University Council meeting in 2025, followed by its official inauguration in November. Guided by a more systematic and forward-looking approach to governance, the Office advances efforts to achieve net-zero carbon emissions on campus and fulfill social responsibility, comprehensively reviews resources and achievements across the environment, society, and academia domains, and expands the scope of stakeholder and material issue assessments as an important basis for sustainability strategies. The Office also plans relevant incentive mechanisms, curriculum design, campus activities, and cross-sector collaboration on a university-level scale, continuing to translate sustainability vision into concrete actions in daily practice.

With professionalism and dedication, NSYSU faculty and students actively engage in social practice and sustainable development through diverse courses and research projects, bringing broad recognition to the University. The University placed fifth in *CommonWealth Magazine*'s 2026 USR University Citizen rankings. In *Global Views Monthly*'s Taiwan Best Universities Rankings, the University received the Public University Paradigm Award and ranked first in the Medium to Large-sized Universities category. The University has also continued to improve its performance on sustainability indicators in international rankings, including THE and QS. Various units across the University have also achieved remarkable results in their respective professional fields, demonstrating NSYSU's efforts and determination in advancing sustainability practices.



在全國高等教育領域最具指標性的教育部「大學社會責任實踐計畫」中，本校共有社會學系、管理學院、西灣學院及海洋科學學院 4 個計畫團隊透過不同領域的專業走入社區，實踐議題涵蓋人文與社會關懷、生態保育與海洋教育，展現跨領域投入、以永續發展為核心的大學社會責任行動。

此外，呼應國家淨零轉型政策，結合校務特色與專長，規劃「環境、產業、生活、社會」四大轉型策略，並以「環境共生、社會共好、學術共贏」作為 ESG 校務永續發展主軸，從大學社會責任出發，延伸至校內外多元領域，透過行政單位與十大學院的協作，從環境守護、人文關懷、科技創新、產業淨零，到偏鄉醫療與地方創生，結合學術研究與實務專業，攜手南臺灣邁向永續未來。

As for the Ministry of Education's University Social Responsibility (USR) Project, the most prominent initiative in Taiwan's higher education circle, four NSYSU project teams from the Department of Sociology, the College of Management, Si Wan College, and the College of Marine Sciences successfully passed the review, with their respective projects approved. Drawing on expertise from different fields, the teams engage with local communities on issues spanning the humanities and social care, ecological conservation, and marine education, demonstrating university social responsibility practices with interdisciplinary engagement and sustainable development at their core.

In addition, in response to Taiwan's net-zero transition policy, NSYSU leverages its institutional strengths and expertise to devise four major transition strategies in Environment, Industry, Lifestyle, and Society. Anchored in the ESG principles of "environmental coexistence, social well-being, and mutual benefit in academia," the University extends its USR efforts into diverse fields on and off campus. Through collaboration among administrative units and all ten colleges, these efforts encompass environmental stewardship, humanistic care, technological innovation, industrial net zero, rural healthcare, and regional revitalization. By integrating academic research with practical expertise, NSYSU walks with southern Taiwan toward a sustainable future.



締結三大醫療聯盟
推展智慧與精準醫學

為全面深化南臺灣醫學研究與臨床量能，本校接連與高雄榮民總醫院、奇美醫院及高雄長庚紀念醫院等 3 所頂尖醫療機構簽署策略聯盟合作協議。此次締盟整合了大學端在人工智慧、半導體與資通訊科技的研發優勢，以及醫院端的豐富臨床經驗。未來的跨域合作將聚焦於人工智慧輔助診斷、醫療大數據分析、高階基因定序、高齡在宅照護與手術模擬訓練等前瞻領域。透過制度化的整合平臺，不僅能加速精準醫學成果落地應用於第一線醫療現場，更讓醫學生提早進入醫院進行臨床實戰，接觸多元且完整的臨床場域，大幅提升醫學教育與臨床研究的深度與廣度。





Forging three major healthcare alliances to advance smart and precision medicine

To further strengthen medical research and clinical capacity in southern Taiwan, NSYSU established strategic alliances with three leading medical institutions—Kaohsiung Veterans General Hospital, Chi Mei Medical Center, and Kaohsiung Chang Gung Memorial Hospital. These partnerships combine NSYSU's research strengths in artificial intelligence, semiconductor technology, and information and communications technology with the hospitals' extensive clinical expertise. Future interdisciplinary collaboration will focus on cutting-edge areas, including AI-assisted diagnosis, medical big data analytics, advanced genomic sequencing, home-based care for older adults, and surgical simulation training. Through these institutionalized partnerships, NSYSU aims not only to accelerate the translation of precision medicine research into frontline clinical practice but also to provide medical students with early hands-on clinical experience at hospitals. Exposure to its diverse and comprehensive clinical settings will further enhance the depth and breadth of medical education and clinical research.







跨校研發智慧復健系統 翻轉原鄉口腔照護

本校聯合高雄醫學大學等 3 所大學組成跨域團隊，前往屏東縣霧臺鄉展開創新數位醫療實踐。該計畫獲國科會支持，整合人文、護理、口腔醫學與資訊科技，將生硬檢測轉為趣味體驗，導入 2 套自主研發設備：人工智慧舌肌復健遊戲平臺與互動歌唱系統。透過虛擬實境捕捉口腔動作，長輩僅需對著螢幕活動舌頭或歡唱，系統即能將動作轉為科學數據，精準評估口腔肌肉。成功將復健融入娛樂，為高齡長照提供低門檻且精準的新解方。

Developing a cross-university smart rehabilitation system to transform oral healthcare in indigenous communities

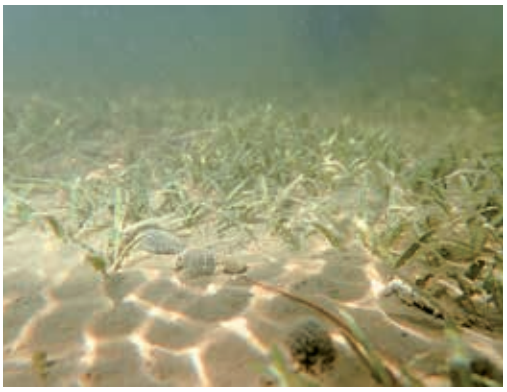
NSYSU joined Kaohsiung Medical University and two other universities to form an interdisciplinary team and implement innovative digital healthcare practices in Wutai Township, Pingtung County. Supported by the National Science and Technology Council, the project integrates the humanities, nursing, oral medicine, and information technology to transform conventional examinations into engaging experiences. Two independently developed systems were introduced: an AI-powered tongue muscle rehabilitation game platform and an interactive singing system. Through virtual reality to capture oral movements, older adults can simply move their tongues or sing in front of a screen, while the systems convert their movements into scientific data for precise assessment of oral muscles. By integrating rehabilitation with entertainment, the project provides a new, accessible, and precise solution for long-term care for older adults.





產官學攜手護生態 啟動貝克氏鹽草復育

貝克氏鹽草為臺灣具自然分布紀錄的易危海草物種，其海草床更是小型無脊椎動物庇護所。海洋生物科技暨資源學系劉商隱教授在海洋委員會海洋保育署海洋保育 ESG 平臺媒合下，攜手南山人壽、雲嘉南國家風景區管理處與臺南社區大學推動貝克氏鹽草復育計畫，將臺南七股遊客中心六號小島打造為海草苗圃，展開從移植、監測到公民科學參與的跨界合作，期能避免地區性滅絕，為西南沿海保留珍貴棲地。



Industry, government, and academia join forces to restore the *Halophila beccarii* ecosystem

Halophila beccarii is a vulnerable seagrass species distributed in Taiwan, and its seagrass beds provide an important habitat for small invertebrates. Through the matching platform, Team Ocean - ESG Solutions, of the Ocean Conservation Administration of Ocean Affairs Council, Professor Shang-Yin Vanson LIU of the Department of Marine Biotechnology and Resources launches a restoration project for *Halophila beccarii*, collaborating with Nan Shan Life Insurance, Southwest Coast National Scenic Area Headquarters, and Tainan Community University. The project has transformed Islet No. 6 at the Qigu Visitor Center in Tainan into a seagrass nursery to encompass transplantation, monitoring, and public participation in science activities under cross-sector collaborations, aiming to prevent regional extinction and preserving valuable habitats along Taiwan's southwestern coast.

大學社會責任成果豐碩 跨域協作匯聚創生力

本校積極落實大學社會責任與推展地方創生。4 項計畫團隊於教育部實踐博覽會中，展現城市共事、原民文化與海洋教育等永續成果。在產學研討與跨域協作上，永續發展辦公室與教育部推動中心共同舉辦對接工作坊，邀集全臺 22 所大專校院、30 支計畫團隊及企業代表齊聚，深入探討大學與企業永續的合作模式與價值共創。此外，本校亦辦理國家發展委員會南區地方創生成果展，展現南臺灣 6 縣市地方創生量能。在文化交流方面，西灣學院舉辦多元族群音樂節，打造跨世代藝術場景，全面深化在地關懷。







Advancing University Social Responsibility through cross-sector collaboration and regional revitalization

NSYSU actively puts University Social Responsibility into practice and promotes regional revitalization. Four project teams presented at the Ministry of Education's 2025 USR EXPO, highlighting their sustainability achievements in areas such as the City as a Commuseum initiative, Indigenous culture, and marine education. In industry-academia dialogue and cross-sector collaboration, the NSYSU Office of Sustainability and the MOE's Center for University Social Responsibility jointly organized a matchmaking workshop that brought together 22 universities and colleges, 30 project teams, and corporate representatives, to explore models of university-enterprise collaboration and value co-creation for sustainability. NSYSU also organized the southern Taiwan regional revitalization exhibition of the National Development Council, showcasing regional revitalization capacity across six counties and cities in southern Taiwan. In terms of cultural exchange, Si Wan College organized a multicultural music festival, creating an intergenerational arts scene and further deepening local engagement.



落實社會責任　跨世代推展城鄉永續

公共事務管理研究所深耕地方創生與永續發展。郭瑞坤教授透過「企業永續與地方創生」共學計畫，帶領學子前往臺南七股與高雄梓官實地踏查，探討漁農產業面臨的永續挑戰。謝政勳助理教授開設的「社區治理」課程更走入旗山南勝社區辦理低碳永續家園提案工作坊，引導近 30 名長者進行跨世代對話，將抽象永續理念轉化為具體行動。公事所師生團隊亦深入大寮區義仁社區，舉辦社區共感地圖設計工作坊及實習成果發表會，與居民跨世代繪製風土記憶地圖，並推展在地特色旅遊，充分展現地方共創與城鄉發展的量能。



Fulfilling social responsibility and advancing urban–rural sustainability across generations

The Institute of Public Affairs Management has continued to advance regional revitalization and sustainable development. Through the Corporate Sustainability and Local Revitalization Co-Learning Project, Professor Jui-Kun KUO led students on field visits to Cigu in Tainan and Zihguan in Kaohsiung to explore sustainability challenges facing the fishing and agricultural industries. The Community Governance course offered by Assistant Professor Cheng-Hsun HSIEH, also organized a low-carbon sustainable homeland proposal workshop in the Nansheng Community of Cishan District, guiding nearly 30 seniors in intergenerational dialogue and translating abstract sustainability concepts into concrete actions. Faculty and students from the Institute further engaged with the Yiren Community in Daliao District, organizing a community empathy-mapping workshop and an internship results presentation. Working with local residents, maps of local cultural memories were created through intergenerational collaboration, promoting distinctive local tourism and demonstrating the potential for community co-creation and urban-rural development.



倡議人本交通設計 跨校共創安全通學環境

公共事務管理研究所彭淵雯教授團隊關注城市人本交通環境，透過「公民社會與民主創新共學計畫」，攜手高雄女中及高雄市行人路權促進會，針對車流密集的五福三路舉辦單車環境優化願景及培力工作坊。該路段為高雄市中心重要幹道，每日約有 300 至 400 人次使用公共自行車，卻面臨自行車道不連續與人車交錯等風險。為此，跨校團隊導入公民審議及參與式規劃模式，引導學子從日常通學痛點出發，整合不同使用者意見，透過跨領域實作探討，提出具體的人車分流與道路改善構想，展現青年介入公共議題之量能，期盼打造安全友善的街道樣貌。



Promoting human-centered transportation design and co-creating safer school commutes

Professor Yen-wen PENG's team at the Institute of Public Affairs Management focuses on human-centered urban transportation environments. Through the Civil Society and Democratic Innovation Collaborative Learning and Practice project, the team collaborated with Kaohsiung Municipal Kaohsiung Girls' Senior High School and the Kaohsiung Association for Pedestrian Rights Advancement to organize a vision-building and capacity-building workshop for improving the cycling environment along Wufu 3rd Road, a major thoroughfare with heavy traffic in downtown Kaohsiung. Approximately 300 to 400 public bicycle trips are made along the road each day, yet discontinuous bicycle lanes and overlapping interactions among bicycles, pedestrians, and vehicles pose safety risks. In response, the cross-institutional team introduced citizen deliberative processes and participatory planning approaches, guiding students to identify challenges encountered in their daily commutes, integrate the perspectives of different users, and develop concrete proposals to separate pedestrian, bicycle, and vehicle traffic and to improve the road environment through interdisciplinary practical discussions. The initiative demonstrates the capacity of youth to engage in public issues and seeks to create safer and more pedestrian-friendly streets.







旗津建公益培力基地 互動展扎根防災韌性

大學社會責任實踐計畫「城市共事館」於旗津社會開創基地啟用「灶咖教室」，規劃餐飲培力課程。團隊攜手醫療與社福資源，引導高關懷青少年學習餐食製作，並將餐點定期供應給獨居長者及C級巷弄長照站，打造兼具教育與公益的青銀支持網絡。在推展韌性城市方面，該團隊攜手台灣福興、美國在台協會高雄分處與高雄市政府文化局，於駁二藝術特區推出「解鎖！防災神隊友」大型互動展。展覽巧妙結合信仰文化、現代職業與遊戲設計，將防災知識轉化為生活經驗，引導大眾在互動中建立社區共備精神，全面提升社會信任與防災量能。

Establishing a community empowerment hub in Cijin while strengthening disaster resilience through an interactive exhibition

The University Social Responsibility (USR) Project "City as a Commuseum" opened the "Kitchen Classroom" at the Cijin Social Innovation Base and offered culinary training courses. The team brought together medical and social welfare resources to guide youth requiring additional support in learning food preparation and regularly provide meals to older adults living alone and to Tier C Long-Term Care Stations, creating an intergenerational support network that combines education and social welfare. To promote urban resilience, the team also collaborated with Taiwan Fu Hsing Industrial Co., Ltd., the American Institute in Taiwan (AIT) Kaohsiung Branch Office, and the Bureau of Cultural Affairs, Kaohsiung City Government, to present the large-scale interactive exhibition "Unlock! Disaster Preparedness Exhibition" at the Pier-2 Art Center. By combining religious culture, modern professions, and game design, the exhibition transformed disaster preparedness knowledge into everyday experiences, encouraging the public to develop a spirit of community preparedness through interaction and strengthening social trust and disaster preparedness capacity.





培育校園永續大使 學子化身志工助救災

永續發展辦公室辦理校園永續行動方案與徵選，鼓勵跨院系學子自主提出倡議，實踐議題廣泛，涵蓋外籍人士防災培力、偏鄉音樂教育、原民文化推廣與循環餐具應用等。第一屆共有 7 名學生完成大學社會責任課程研修，獲頒校園永續大使殊榮。在災難援助方面，面對花蓮馬太鞍溪洪災，本校 83 名學生與 5 名教職員自發組成志工隊奔赴災區清淤，並由許博欽副校長代表獲行政院接見表揚。



Cultivating campus sustainability ambassadors and mobilizing students to volunteer for disaster relief

The Office of Sustainability organized the Campus Sustainability Action Program and the selection of Campus Sustainability Ambassadors, encouraging students across colleges and departments to independently propose initiatives. Their projects addressed a broad range of issues, including disaster preparedness training for international residents, music education in rural areas, promotion of Indigenous culture, and the use of reusable tableware. In the first cohort, seven students completed University Social Responsibility courses and were recognized as Campus Sustainability Ambassadors. Regarding disaster relief, in response to the Mataian River flooding in Hualien, 83 students and five faculty and staff members volunteered to form a disaster relief team and traveled to the affected area to assist with mud clearing. On behalf of the team, Senior Vice President Bor-Ching SHEU was received and commended by the Executive Yuan.



跨校推展在地文化教育 攜手家扶辦永續體驗

為拓展高等教育公共性，本校透過創新教學與跨界合作，深化在地資源連結。通識應用課程「博物館典藏探究」帶領大學生研發教材，於高雄市自然史教育館舉辦營隊，跨校培育社區兒童成為小小解說員，落實大學社會責任與在地文化傳承。在社會關懷層面，本校攜手南高雄家扶基金會推展多元教育。永續發展辦公室陳志維經理、光電工程學系于欽平副教授，及海洋生物科技暨資源學系林梅芳助理教授，引導學童探勘防空洞，透過光電知識與海洋生物多樣性實作，建構其永續理念。此外，學務處與永續發展辦公室共同舉辦兒童桌球營，由前奧運國手、西灣學院運動與健康教育中心莊智淵副教授級專業技術人員親授球技，藉此培養學童抗壓性與自信心。

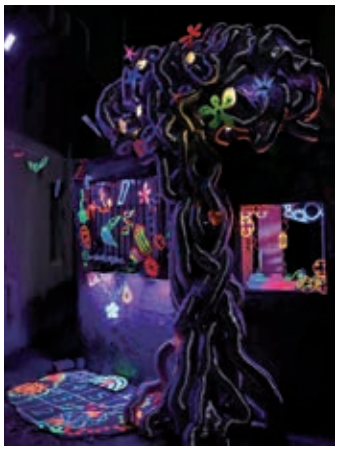






Advancing local cultural education across universities: collaborating with the Taiwan Fund for Children and Families to organize sustainable learning experiences

To further the public mission of higher education, NSYSU strengthens connections with local resources through innovative teaching and cross-sector collaboration. The General Education course Museum Collections in Practice guided university students in developing teaching materials and organized a camp at the Kaohsiung City Museum of Natural History, where children from local communities are trained as young tour guides through cross-university collaboration, fulfilling University Social Responsibility and carrying forward local cultural heritage. In terms of social engagement, NSYSU partnered with the Southern Kaohsiung Branch of the Taiwan Fund for Children and Families to promote diverse educational experiences. Manager Chih-Wei CHEN of the Office of Sustainability, Associate Professor Chin-Ping YU of the Department of Photonics, and Assistant Professor Mei-Fang LIN of the Department of Marine Biotechnology and Resources guided children in exploring air-raid shelters and developing sustainability awareness through hands-on activities related to optoelectronics and marine biodiversity. In addition, the Office of Student Affairs and the Office of Sustainability jointly organized a children's table tennis camp, where former Olympic athlete Chih-Yuan CHUANG, Associate Professor of Technical Practice at the Center for Physical and Health Education, Si Wan College, provided professional instruction to help children develop resilience and self-confidence.







Don't Sleep in Yancheng Festival connects the neighborhood through a nighttime art exhibition

The 9th "Don't Sleep in Yancheng Festival" nighttime art exhibition, led by Associate Professor Shih-Hsiang SUNG of the Program in Interdisciplinary Studies, expanded its exhibition area to eastern Yancheng for the first time following nearly a year of field research and collaboration with local communities. Themed "Flower Frenzy," the exhibition explored the phenomenon of emotional suppression in society. The curatorial team developed three narrative threads incorporating installation art, street parades, and other formats to encourage the public to release emotions and coexist with the surrounding environment. By transforming academic expertise into experiential engagement, the exhibition demonstrated the power of art to engage and energize local communities.



鹽夏不夜埕
夜間藝術展聯結街區

第九屆夜間藝術展《鹽夏不夜埕》由人文暨科技跨領域學士學位學程宋世祥副教授帶領團隊，歷經近 1 年田野調查與社區合作，首度將展區擴展至鹽埕東部。本屆展覽以「花轟」為題，探討社會情緒壓抑現象。策展團隊規劃 3 道敘事脈絡，結合裝置藝術與踩街等形式，引導大眾釋放情緒並與環境達成共生，成功將學術量能轉化為體驗，展現藝術介入社區的豐沛能量。


2025
國立中山大學
年度傑出校友
頒獎典禮



校友貢獻

Alumni Contributions



本校立足西灣、連結全球，持續深化與校友及社會各界的緊密情誼。透過多元資源整合與跨域合作，為校務治理與人才培育注入豐沛且穩定的動能。114 學年度全校受贈金額達 7 千 5 百餘萬元，深刻展現社會各界對本校辦學理念的深厚信任與積極響應，為邁向國際頂尖奠定堅實而穩健的基石。



在重點推動的「醫學教育基金」募款計畫中，截至 114 年累計籌得金額已突破 3 億 6 千萬元，反映外界對醫學教育藍圖的深切期待與高度肯定。李志鵬校長更於 114 年特別率領行政與學術團隊赴美，分別於紐約、矽谷及洛杉磯舉辦海外校友餐會，凝聚校友情誼。多名校友對母校遠渡重洋舉辦面對面交流會表達感動，以實際行動支持校務發展。

NSYSU continues to strengthen its close ties with alumni and various sectors of society while remaining rooted in Sizihwan Bay and connected with the world. Through the integration of diverse resources and cross-sector collaboration, the University has generated strong, sustained momentum for university governance and talent cultivation. In the 2025-26 academic year, the University received donations totaling over TWD 75 million, demonstrating the strong trust in and support for the University's educational mission among alumni and society and laying a solid foundation for its pursuit of international excellence.

Under the University's key fundraising initiative for the Medical Education Fund, cumulative donations exceeded TWD 360 million by 2025, reflecting the broader community's high expectations and strong recognition of the University's vision for medical education. In 2025, President Chih-Peng LI led an administrative and academic delegation to the United States and hosted overseas alumni dinners in New York, Silicon Valley, and Los Angeles to strengthen alumni connections. Many alumni expressed their appreciation for the University's efforts to travel across the ocean to meet with them in person, demonstrating their support for the University's development through concrete actions.





此外，校友們的熱情支持更拓展至資產挹注、國際學術交流與師資延攬等多元面向：傑出校友財團法人國立中山大學校友文化基金會楊順美代表人（外文系 73 級）於 114 年慷慨移轉位於台北市之建築物及其相關設備資產予母校，大幅拓展學校於北部地區的活動場域與服務據點；傑出校友上曜建設開發股份有限公司張祐銘董事長（機電系 85 級、EMBA 第 13 屆）捐贈 210 萬元，專款支持學校推動政策，力邀諾貝爾獎得主蒞校演講，開擴師生國際視野；同時，多名校友齊心響應「國立中山大學頂尖人才獎勵金」計畫，華鏞機械工業股份有限公司夏朝崐董事長（EMBA 第 9 屆）捐助 200 萬元、傑出校友舊振南食品股份有限公司李雄慶董事長（EMBA 第 6 屆）亦捐贈 100 萬元，齊力攜手母校吸引並留任優秀國際師資，全面提升母校學術研究能量。



Alumni support has also extended to diverse areas, including asset contributions, international academic exchange, and faculty recruitment. In 2025, Shun-Mei YANG (Department of Foreign Languages and Literature 1984, an outstanding alumna and the representative of the Alumni Cultural and Educational Foundation of National Sun Yat-sen University) generously transferred a building and related equipment assets in Taipei City to the University, significantly expanding NSYSU's venues and service sites in northern Taiwan. Yu-Ming CHANG (Department of Mechanical and Electro-Mechanical Engineering 1996, EMBA 2012, an outstanding alumnus and the chairman of SUN YAD Construction Co., Ltd.) donated TWD 2.1 million specifically to support University initiatives to invite Nobel laureates to give lectures on campus, broadening the international perspectives of faculty and students. Additionally, numerous alumni responded to NSYSU's "Top Talent Fellowship" program, with TWD 2 million donated by Chao-Kun HSIA (EMBA 2008, Chairman of HUA YONG Machine Industry Co., Ltd.), and TWD 1 million donated by Eric H. C. LEE (EMBA 2005, an outstanding alumnus and the Chairman of Jiu Zhen Nan Foods Co., Ltd.). Together, they supported the University in attracting and retaining outstanding international faculty and further enhancing its academic research capacity.



健全且緊密的校友網絡，是母校蓬勃發展最堅實的後盾。各地區校友會與組織持續順利運作、棒棒相連，築起堅固的連結橋梁：

- 校友總會：115 年由北極光電股份有限公司暨華彩塗料實業股份有限公司陳建志總經理（電機系 83 級、EMBA 第 21 屆）接任第 12 屆理事長。
- 臺南市校友會：114 年由雄獅旅遊方志雄副總經理（EMBA 第 17 屆）接任第 7 屆理事長。
- 高雄市校友會：114 年由健統實業股份有限公司郭倫豪董事（EMBA 第 21 屆）接任第 10 屆理事長。
- 臺北市校友會：學習家有限公司羊正鈺創辦人（企管所碩士班 99 級）為第 6 屆理事長。
- 新竹市校友會：115 年由濾能股份有限公司黃銘文董事長（化學系 84 級）接任第 2 屆理事長。
- 屏東縣校友會：協治企業股份有限公司李佩娟執行長（EMBA 第 23 屆）為第 5 屆理事長。

A robust, closely connected alumni network serves as the University's strongest foundation for continued development. Alumni associations and organizations across regions have continued to operate smoothly, passing the torch from one generation to the next and building strong bridges that connect alumni with their alma mater:

- NSYSU Alumni Association: In 2026, Johnson CHEN (Department of Electrical Engineering 1994; EMBA 2020; General Manager of Eulife Technology Co., Ltd. and Hua Tsai Paints Co., Ltd.) assumed the position of the 12th President.
- Tainan-based NSYSU Alumni Association: In 2025, Chih-Hsiung Vincent FANG (EMBA 2016; Vice President of Lion Travel) assumed the position of the 7th President.
- Kaohsiung-based NSYSU Alumni Association: In 2025, Lun-Hao Lucas KUO (EMBA 2020; Director of Cheng-Tung Co., Ltd.) assumed the position of the 10th President.
- Taipei-based NSYSU Alumni Association: Cheng-Yu YANG (MBA in Business Management 2010; Founder of mutahead Co., Ltd.) serves as the 6th President.
- Hsinchu-based NSYSU Alumni Association: In 2026, Sven Ming-wen HUANG (Department of Chemistry 1995; Chairman of GreenFiltec Co. Ltd.) assumed the position of the 2nd President.
- Pingtung-based NSYSU Alumni Association: Pei-Chuan LEE (EMBA 2022; CEO of Shyechih Enterprise Co., Ltd.) serves as the 5th term President.



校友長期以來活躍於各專業領域，展現卓越成就，並持續以具體行動支持母校發展。

- 102 學年度傑出校友陳培宏（化學系學士班 74 級、碩士班 79 級）於 114 年接任台積電人力資源副總經理。
- 三隆齒輪股份有限公司廖昆隆董事長（EMBA 第 12 屆），其公司憑藉卓越的品質與創新實力，榮獲經濟部第 28 屆小巨人獎。
- 登泰國際物流股份有限公司劉美蘭董事長（EMBA 第 12 屆）榮獲中華民國全國商業總會第 79 屆商人節大會暨「金商獎」優良商人獎殊榮。
- 導演楊羚（外文系 106 級）入圍第 47 屆金穗獎。
- 富住通不動產股份有限公司唐凱華副總經理（EMBA 第 26 屆）、零壹科技股份有限公司袁惠芳副總經理（EMBA 第 25 屆）、能揚興業有限公司葉慶得總經理（EMBA 第 9 屆）榮獲第 18 屆高屏地區傑出經理獎。
- 「國際白疤中心」創辦人曹賜斌醫師（EMBA 第 8 屆）榮獲 114 年度「台灣醫療貢獻獎」。

Over the years, alumni have been active across diverse professional fields, demonstrating excellent achievements and continued support for the University's development through concrete actions.

- Pei-Hung CHEN (2013 outstanding alumnus; Department of Chemistry BS 1985, MS 1990) assumed the position of Vice President of the Human Resources Organization at TSMC in 2025.
- Kun-Lung LIAO (EMBA 2011) is the Chairman of Sun Lung Gear Works Co., Ltd. that received the 28th Rising Star Award from the Ministry of Economic Affairs in recognition of its outstanding quality and innovation capabilities.
- Mei-Lan LIU (EMBA 2011; Chairwoman of Draco Logistic Co., Ltd.) received the Outstanding Businessperson Award at the 79th Merchants Festival Golden Merchant Award Ceremony organized by the General Chamber of Commerce of the Republic of China.
- Director Ling YANG (Department of Foreign Languages and Literature 2017) was nominated for the 47th Golden Harvest Awards for Outstanding Short Films.
- Kai-Hua TANG (graduating from EMBA in 2025 and the Deputy General Manager of Full Life Commercial Real Estate Co., Ltd.), Hui-Fang YUAN (graduating from EMBA in 2024 and the Deputy General Manager of Zero One Technology Co., Ltd.), and Ching-Te YEH (graduating from EMBA in 2008 and the General Manager of Super Air Compressor Technology Co., Ltd.) received the 18th Kaohsiung & Pingtung Management Excellence Award.
- Dr. Su-Ben TSAO (graduating from EMBA in 2007 and the Founder of the International White Scar Center) received the 2025 Taiwan Medical Contribution Award.





強化教育捐資力量 表彰捐款人共創高教卓越

為感謝校友及社會各界長期支持，校友服務暨社會責任中心舉辦「2025 年感恩頒獎茶會」，邀請捐款人共同見證學術、研究及校務建設發展。活動特別邀請 EMBA 傑出校友、馬光醫療網黃福祥執行長致詞，強調教育的深遠力量，持續支持能讓學生擁有更多資源。現場並由華興工業與欣巴巴事業代表頒贈獎助學金，助學生拓展國際視野，彰顯教育捐資支持機制成果，落實高教公平性。

Strengthening the power of financial support for education and honoring donors for advancing higher education

To express appreciation for the long-standing support of alumni and the wider community, the Center for Alumni Services and Social Engagement held the 2025 Gratitude Award Tea Party, bringing together donors to witness the University's development in academics, research, and institutional development. The event featured a speech by EMBA Outstanding Alumnus Fu-Hsiang HUANG, CEO of Ma Kuang Healthcare Group Pte Ltd., who highlighted the far-reaching impact of education and the importance of continued support to provide students with greater resources. Representatives of Hwa Hsing Screw Industry Co., Ltd. and Hsin Ba Ba Business also presented scholarships and grants to help students broaden their international perspectives. The event demonstrated the effectiveness of the educational donation support mechanism and contributed to advancing equity in higher education.





USR 驅動 CSR 轉型 聯手校友企業推綠色教育

因應企業 ESG 與永續發展趨勢，管理學院大學社會責任實踐計畫持續推動大學與企業「USR × CSR」合作模式，6 年來已媒合逾 1,600 萬元資源投入地方，打造大學、企業與社區共創平台。114 年再與壹東實業、達茂營造及德凡士科技工程公司簽署合作備忘錄，深化產學合作。達茂營造股份有限公司呂文華時任總經理以校友身分致詞，希望回饋母校並支持學生關注海洋永續教育議題。未來管院將持續串聯校友、企業、社區與公部門，培育具跨域能力的綠領人才，並擴大與企業共創地方永續的影響力。

USR drives CSR transformation through alumni partnerships for green education

In response to the growing trends in corporate ESG and sustainable development, NSYSU's University Social Responsibility (USR) Project of the College of Management continues to promote the USR × CSR collaboration model between universities and enterprises. Over the past six years, the project has mobilized more than TWD 16 million in resources for local communities, establishing a platform for co-creation among universities, enterprises, and communities. In 2025, the project further strengthened industry-academia collaboration by signing memoranda of understanding with I Domain Industrial Co., Ltd., Darmaw Construction Co., Ltd., and Advance Engineering Co., Ltd. Wen-Hua LU, an alumnus and then General Manager of Darmaw Construction Co., Ltd., delivered a speech at the event, expressing his desire to give back to his alma mater and support students' engagement with marine sustainability education. Moving forward, the College of Management will continue to connect alumni, enterprises, communities, and public-sector organizations to cultivate interdisciplinary green-collar talent and expand the impact of collaborative efforts to advance local sustainability with enterprises.





校友搭建產學橋梁 促參訪日月光共育人才

管理學院 ACT 跨國學程學生參訪全球半導體封測大廠日月光集團高雄總部，透過企業第一線實地觀察深入了解亞洲商業環境與經營管理模式。日月光集團李政傑副總經理協助促成此次參訪，展現校友回饋母校、串聯產學合作的重要力量。學生除了解日月光營運模式、核心技術及全球布局，也觀摩專利成果、電子產品發展歷程、水資源回收設施，認識企業 ESG 與永續策略，將課堂所學理論與實務相互結合印證。未來將透過校友網絡與企業合作，持續強化實務人才培育。

Alumni build industry-academia bridges through a visit to ASE for collaborative talent cultivation

Students from the ACT Global Program of the College of Management visited the Kaohsiung headquarters of ASE Technology Holding Co., Ltd., a global leader in semiconductor packaging and testing. Through first-hand observation of corporate operations, students gained an in-depth understanding of the business environment and management practices in Asia. Michael Cheng Chieh LEE, Vice President of ASE Technology Holding Co., Ltd., helped facilitate the visit, contributing to his alma mater and playing a vital role in industry-academia collaboration. In addition to learning about ASE's operating model, core technologies, and global operations, students not only observed patent achievements, the development of electronic products, and water recycling facilities but also gained insights into corporate ESG practices and sustainability strategies. The visit enabled students to relate classroom theories to practical experience. Moving forward, NSYSU will continue to leverage alumni networks and corporate partnerships to strengthen the cultivation of practice-oriented talent.







藝術與永續同行 攜手雷科打造家庭美學體驗日

管理學院大學社會責任實踐計畫攜手校友企業雷科公司，於高雄市立美術館舉辦企業員工家庭日，透過展場導覽、觀賞紀錄片、故事劇場與手作體驗，推動永續教育與美感培育，實踐文化平權與文化公民權，吸引近 350 名參與者響應。自 109 年起，雷科長期支持大學社會責任實踐計畫，投入食農教育、城鄉交流及圓夢計畫，深化企業社會責任與在地連結，融入公益精神，讓家庭日成為企業、員工、家庭與城市文化交流平台，促進公民參與並推動永續願景。

Art meets sustainability: a family arts experience with Laser Tek

NSYSU's University Social Responsibility (USR) Project of the College of Management joined hands with Laser Tek Taiwan Co., Ltd., an alumni-founded company, to organize the Employee Family Day at the Kaohsiung Museum of Fine Arts. Through exhibition tours, documentary screenings, story theater performances, and hands-on activities, the event promoted sustainability education and aesthetic literacy while advancing cultural equity and cultural citizenship, attracting nearly 350 participants. Since 2020, Laser Tek has provided long-term support for the USR Project, investing in food and agriculture education, urban-rural exchanges, and Dream-Come-True Projects. These initiatives have deepened corporate social responsibility and connections with local communities while fostering a spirit of public service. The Employee Family Day has become a platform connecting the company, its employees and their families with the city's cultural life, encouraging civic participation and advancing a shared vision of sustainability.









畢業 30 回娘家 300 校友齊聚西子灣

校友服務暨社會責任中心舉辦「畢業 30 校友回娘家餐會」，邀請 84 級前的校友重返西子灣，吸引近 300 名校友參與。出席師長包括李志鵬校長、劉維琪前校長、教育部鄭英耀部長及時任校友總會黃炯輝理事長、謝進南前理事長、傑出校友聯誼會胡絢貿會長及金星前外交官等人，並捐贈珍藏「中山大學第一屆招生簡章」供校史室典藏，象徵校友與母校跨世代情誼。李志鵬校長期盼攜手校友持續推動國際化與跨域發展，鄭英耀部長也肯定中山在教育、研究與人才培育成果。



30-year reunion brings nearly 300 alumni back to Sizihwan

The Center for Alumni Services and Social Engagement hosted the "30-Year Alumni Homecoming Banquet," inviting alumni from the Class of 1995 and earlier to return to Sizihwan. Nearly 300 alumni participated in the gathering. Attendees included President Chih-Peng LI, former President Victor Wei-Chi LIU, Minister of Education Ying-Yao CHENG, then President Chung-Hui HUANG and former President Chin-Nan HSIEH of the NSYSU Alumni Association, President of the NSYSU Outstanding Alumni Association Hsuan-Mao Robert HU, and former diplomat Hsing CHIN, among others. A treasured copy of the University's first admissions brochure was also donated for preservation in the University Archives, symbolizing the intergenerational bond between alumni and their alma mater. President LI expressed his hope that NSYSU would continue working with its alumni to advance internationalization and interdisciplinary development, while Minister CHENG recognized the University's achievements in education, research, and talent cultivation.



114 學年度傑出校友
2025 Outstanding Alumni Awards

姓名 Name	畢業系別與年度 Education and graduation year	當選類別 Award category
何東垣 Tung-Yuan HO	海洋生物科技暨資源學系學士班 78 級 Department of Marine Biotechnology and Resources, BS, 1989	學術卓越 Academic Excellence
闕郁倫 Yu-Lun CHUEH	物理學系學士班 89 級 Department of Physics, BS, 2000	學術卓越 Academic Excellence
方螢基 Frank Y.C. FANG	企業管理學系碩士班 79 級 Department of Business Management, MBA, 1990	工商菁英 Business Elite
莊明昇 Ming-Sheng CHUANG	高階經營碩士學程在職專班第 19 屆 Executive Master of Business Administration (EMBA), 2018	工商菁英 Business Elite
董寰乾 Huan-Chien TUNG	材料與光電科學學系博士班 103 級 Department of Materials and Optoelectronic Science, PhD, 2014	工商菁英 Business Elite





傑出校友》海資系 78 級何東垣：以海洋微量元素開展藍碳曙光

中研院環境變遷研究中心何東垣研究員（海洋生物科技暨資源學系 78 級），長期投入海洋微量元素循環與海洋生物地球化學研究，並擔任全球海洋科學計畫 BioGeoSCAPES 國際執委會委員、教育部「海洋教育推動小組」委員及「未來地球台北」海洋工作小組召集人，致力推動海洋科學、科普教育與永續發展。他以自身經歷鼓勵後進勇於嘗試、探索自我，並傾聽內在聲音。其研究聚焦鐵、鎳等微量金屬元素如何影響海洋藍碳碳匯，為淨零排放提供科學基礎，並透過國際合作，提升台灣海洋科學影響力。



Outstanding Alumnus | Tung-Yuan HO, Department of Marine Biotechnology and Resources 1989: Pioneering blue carbon with marine trace elements

Research Fellow Tung-Yuan HO of the Academia Sinica Research Center for Environmental Changes (Department of Marine Biotechnology and Resources 1989) has long devoted himself to research on marine trace element cycling and marine biogeochemistry. He serves as a member of both the International Implementation Committee of the global-scale ocean science program BioGeoSCAPES and the Ministry of Education's Marine Education Promotion Task Force, and as the convener of the Ocean Working Group of Future Earth Taipei. Through these roles, he has worked to advance marine science, popular science education, and sustainable development. Drawing on his own experiences, HO encourages younger generations to dare to try, explore who they are, and listen to their inner voices. His research focuses on how trace metals such as iron and nickel affect marine blue carbon sinks, providing a scientific foundation for achieving net-zero emissions and enhancing Taiwan's influence in marine science through international collaboration.

傑出校友》物理系89級闕郁倫：扎實訓練成就跨界重要根基

國立清華大學材料科學工程學系闕郁倫講座教授（物理學系 89 級），亦為本校物理系合聘教授，長年投入奈米材料、二維材料、能源轉換與電子元件研究，發表逾 400 篇國際論文，被引用次數逾 25,000 次，入列全球前 2% 頂尖科學家，並獲國科會傑出研究獎、未來科技獎及國家新創獎等肯定。他認為中山物理的扎實基礎訓練，是跨足材料科學的重要根基，並鼓勵年輕學子善用工具、勇於跨界、拓展國際視野，及早規劃學涯與職涯，持續追求卓越。







Outstanding Alumnus | Yu-Lun CHUEH, Department of Physics 2000: Solid training provides a crucial foundation for interdisciplinary achievement

Chair Professor Yu-Lun CHUEH of the Department of Materials Science and Engineering at National Tsing Hua University (Department of Physics 2000), who is also an Adjunct Professor in NSYSU's Department of Physics, has long conducted research on nanomaterials, two-dimensional materials, energy conversion, and electronic devices. He has published more than 400 international papers with over 25,000 citations, placing him among the World's Top 2% Scientists. He has also received recognition, including the NSTC Outstanding Research Award, the Future Tech Award, and the National Innovation Award. CHUEH considers the rigorous foundational training in physics he received at NSYSU an important basis for his transition into materials science. He encourages young students to make good use of available tools, embrace interdisciplinary exploration, broaden their international perspectives, and plan their academic and career paths early while continuing to strive for excellence.



傑出校友》企管碩 79 級方螢基：自我成長挑戰人生轉折



第一金控方螢基董事兼總經理（企業管理學系碩士班 79 級），自高雄工專模具科畢業後，進入臺灣科技大學工業管理系，再至本校企管系就讀碩士班跨足企業管理與金融領域，並通過會計師高考及證券分析人員考試。他帶領第一金控推動永續金融、反詐騙及企業社會責任，獲國際 CDP 雙 A 評級及台灣企業永續獎等肯定。他也持續回饋母校，支持醫學院建設，實踐教育公益。秉持「篤學、力行、誠正、敦厚」信念，勉勵學子勇於突破、持續學習，不畏改變與挑戰，在轉折中累積實力，走出屬於自己的職涯道路。

Outstanding Alumnus | Frank Y.C. FANG, MBA in Business Management 1990: Embracing self-growth through life's turning points

Frank Y.C. FANG, President of First Financial Holding Co., Ltd. (MBA in Business Management 1990), began his academic journey in the Department of Mold & Die at the former Kaohsiung Institute of Technology before pursuing a degree in the Department of Industrial Management at National Taiwan University of Science and Technology. He later entered NSYSU's master's program in the Department of Business Management, expanding his expertise into business management and finance. He has also passed the Senior Examination for Certified Public Accountants and the examination for Securities Investment Analysts. Under his leadership, First Financial Holding has advanced sustainable finance, anti-fraud initiatives, and corporate social responsibility, earning recognition, including an international CDP double-A rating and the Taiwan Corporate Sustainability Award. FANG has also continued to give back to his alma mater by supporting the development of the College of Medicine and contributing to educational philanthropy. Upholding the beliefs of diligent learning, practical action, integrity, and kindness, he encourages students to dare to break new ground, pursue continuous learning, and remain undaunted by change and challenges, build up their capabilities through life's turning points, and forge their own career paths.



傑出校友》EMBA 第 19 屆莊明昇：憑己力創造個人價值

富住通不動產仲介經紀股份有限公司莊明昇董事長（EMBA 第 19 屆），大學畢業後曾任職合作金庫銀行與國營事業，卻毅然放棄穩定公職投入創業，深耕商用不動產逾 30 年，帶領企業成為南部商用土地市場的重要品牌，年成交金額達數百億元。他秉持「你就是自己的老闆，能創造多少價值，由你自己決定」的人生信念，持續精進自我，進入本校 EMBA 進修，並積極推動產學合作，提供學生實習與就業機會，投入人才培育與產業永續發展，實踐企業經營與社會責任並重的理念。





Outstanding Alumnus | Ming-Sheng CHUANG, EMBA 2018: Creating personal value through self-determination

Ming-Sheng CHUANG, Chairman of Full Life Commercial Real Estate Co., Ltd. (EMBA 2018), worked for Taiwan Cooperative Bank and a state-owned enterprise after graduating from university. He later made the bold decision to leave stable employment and pursue entrepreneurship. With more than 30 years of experience in commercial real estate, he has led the company to become a prominent brand in southern Taiwan's commercial land market, with annual transaction volumes reaching tens of billions of TWD. Guided by his belief that "you are your own boss, and you decide how much value you can create," CHUANG has continued to pursue self-improvement through further studies in NSYSU's EMBA program. He has also actively promoted industry-academia collaboration, providing students with internships and employment opportunities while contributing to talent cultivation and sustainable industrial development. Through these efforts, he puts his commitment to balancing business operations with social responsibility into practice.





傑出校友》材光博 103 級董寰乾：突破材料極限，創造產業永續

時任中鋼鋁業股份有限公司董寰乾董事長（材料與光電科學學系博士班 103 級）畢業後，歷任中鋼新材料研發處處長、鑫科材料總經理等職務，憑藉化學與材料專業，帶領團隊突破技術瓶頸，推動再生鋁循環應用、新材料研發及低碳製程，為電動車、建築等產業提供永續解方。他也積極促成產學合作，回饋母校成立「AIR HoPE 產學研發中心」，共同發展空汙減排與高效濾材技術。秉持「持續學習、勇於突破」的信念不斷精進並拓展人脈網絡，為產業創新與淨零永續開創更多可能。



Outstanding Alumnus | Huan-Chien TUNG, PhD in Materials and Optoelectronic Science 2014: Pushing the limits of materials for sustainable industry

Huan-Chien TUNG, then Chairman of C.S. Aluminium Corporation (PhD in Materials and Optoelectronic Science 2014), has held positions including Director of the New Materials Research and Development Department at China Steel Corporation and President of ThinTech Materials Technology Co., Ltd. Since graduation, he has drawn on his expertise in chemistry and materials science to lead teams in overcoming technological bottlenecks, advancing circular applications of recycled aluminum, new materials development, and low-carbon processes, and providing sustainable solutions for industries including electric vehicles and construction. He has also actively promoted industry-academia collaboration and given back to his alma mater by establishing the Academic-Industry Research Hub of People and Earth (AIR HoPE), jointly developing technologies for air pollution reduction and high-efficiency filter materials. Upholding a commitment to continuous learning and pursuing breakthroughs, TUNG continues to strengthen his expertise and expand his professional network, opening up new possibilities for industrial innovation and net-zero sustainability.




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