

The background of the entire page is a vibrant teal color. Overlaid on this are large, dynamic splashes of paint in various colors: bright yellow and orange in the upper left, a large blue splash on the left side, and a green splash at the bottom right. There are also smaller, scattered splatters of these colors across the teal background.

2024/25

國立中山大學 年報
NATIONAL SUN YAT-SEN UNIVERSITY

ANNUAL REPORT

精實茁壯・中山45
THRIVE WITH EXCELLENCE

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校長的話

From the President

面對日益嚴峻的高教挑戰與競爭，建校已邁入 45 年的中山大學，在歷任校長承先啟後，精心擘劃及全體教職員同仁共同努力下，始終不畏挑戰，勇於創新，持續精進校務，厚植學研能量。

秉持「藝文與包容」、「前瞻與創新」的核心價值，打造一所「人文與理工並重的全方位國際頂尖大學」為目標，從教學、研究、國際、產學、醫學、大學社會責任及行政支援等七大面向，落實執行十大治校方略，讓中山大學在穩健中開創佳績，在轉型中寫下新頁。



National Sun Yat-sen University remains fearless in the face of increasingly severe challenges and competition in higher education. Now in its 45th year, thanks to the visionary leadership and forward planning of the past presidents as well as the concerted efforts of faculty and staff, NSYSU demonstrates its courage in innovation and steadfast commitment to advancing university development, and strengthens its academic and research capabilities.

Guided by the core values of "Artistic & Inclusive, Advanced & Innovative," NSYSU aims to excel as a "comprehensive world-class university with humanities and sciences & technologies in balance." Ten key strategies of governance are implemented across the following seven dimensions: teaching, research, internationalization, industry-academia collaboration, medicine, university social responsibility, and administrative support. Through the efforts, the University achieves remarkable results with steady pacing, opening new chapters amid ongoing transformation.



2025 年《QS》世界大學學科排名，本校共有 20 個學科入榜，穩居全國前五，展現中山在多元學術領域的深厚實力；同年，榮獲《遠見》頒發「公立大學典範獎」，並勇奪「中大型大學」評比第一，被譽為近十年最具爆發力的大學。

雙語教育方面，繼 2021 年獲教育部核定為重點培育學校，2024 年又獲核定名列全國 4 所標竿大學之一；第二期高教深耕計畫補助經費大幅提升，本校特色領域研究中心由 6 個增加為 7 個，表現亮麗。在南臺灣醫學教育的布局上，感謝高雄市政府的支持，日前已無償撥用國際商工部分校地，作為本校醫學院用地，奠定未來發展關鍵基礎。

展望未來，任務依然艱鉅。包括醫學院教學研究大樓先期設計規劃、深化與高雄市政府所屬市立醫院醫療合作、與高雄大學合校議題的推進、第三週期校務評鑑的實地訪評及新週期的學術單位評鑑等。當前的高教環境雖充滿競爭與挑戰，但也正是凝聚團隊力量，開創嶄新局面的關鍵時刻，祈望全體同仁攜手並進，讓中山更上層樓，迎向更美好的未來。

李政雄



In the 2025 QS (Quacquarelli Symonds Ltd.) *World University Rankings by subject*, NSYSU has 20 subjects ranked on the list, placing it among the top five universities in Taiwan and demonstrating its academic excellence across a wide range of disciplines. In the same year, the University was honored with the Public University Paradigm Award by *Global Views Monthly*, ranking first among the medium to large-sized universities, and was hailed as the most rapidly emerging university of the past decade.

In terms of bilingual education, NSYSU was approved as a key university for bilingual campus by the Ministry of Education (MOE) in 2021, and was again recognized by the MOE in 2024 as one of the only four holistic benchmark universities in Taiwan. Regarding the Higher Education SPROUT Project, its phase 2 funding increased tremendously, and the number of featured areas research centers expanded from six to seven, yielding impressive results. As to the development of medical education in southern Taiwan, the University secured part of the premises of the former Kuochi Senior Vocational School of Commerce and Technology at no cost, with the support from the Kaohsiung City Government; the secured premises will serve as the site of the College of Medicine, laying the foundation for long-term development.

Looking ahead, the challenges remain formidable. These include the preliminary planning and design of new academic and research building of the College of Medicine, deeper collaboration with municipal hospitals, the process of potential merger with National University of Kaohsiung, the upcoming on-site evaluations under the third cycle of the MOE's Evaluation and Accreditation for Higher Education Institutions, and a new round of self-assessment of academic units. Despite intense competition and challenges in the current higher education landscape, it is a pivotal moment to unite the NSYSU community and open new horizons. With our collective efforts, NSYSU will reach new height and embrace a brighter future.

Chih-Peng Li



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 提升國際學術競爭力

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

本校 1980 年於高雄西子灣畔建校，倚坐壽山，前瞻國際航運樞紐之高雄港，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、國際金融十大學院；45 年來，已成為一所人文與科技並重的國際知名研究型大學。

近年來，在政府大南方計畫下，高雄半導體 S 廊帶儼然成形，重要建設如衛武營國家藝術文化中心、流行音樂中心、旅運中心、高雄展覽館、亞洲新灣區 5G AIoT 創新園區、台積電進駐、籌辦國家重點領域校際研教園區、設立臺灣碳權交易所等陸續到位。本校挾此優勢的區位條件，又是全國唯一校內具有海岸線之頂尖大學，以「雄踞南方，前進國際」的思維擘劃校務發展的藍圖，除了以「海洋」教育與研究為校務發展特色外，已有厚實基礎的中山大學成長茁壯，以藝文、包容、前瞻、創新，打造具備 AI 平方素養的一流人才。

Established in 1980 on the shores of Kaohsiung Sizihwan Bay, National Sun Yat-sen University is situated at Shoushan Mountain with a panoramic view over the international shipping hub of Kaohsiung Harbor. It 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. Over the past 45 years, NSYSU has evolved into a globally recognized research university with a well-balanced emphasis on both the humanities and technology.

In recent years, under the government's "Great South, Great Development - the Southern Taiwan Development Policy," the Kaohsiung Semiconductor S Corridor has taken shape, with important constructions such as the National Kaohsiung Center for the Arts (Weiwuying), Kaohsiung Music Center, Kaohsiung Port Cruise Terminal, Kaohsiung Exhibition Center, and Asia New Bay Area 5G AIoT Innovation Park. In addition, the stationing of TSMC, preparations for Inter-University Research and Education Park in National Key Fields, and the setup of the Taiwan Carbon Solution Exchange are also subsequently put in place. With its geographic advantage (near Semiconductor S Corridor) and exclusive coastline on campus, NSYSU as one of the leading universities in Taiwan has mapped out its development blueprint with the vision of "Dominating the South and Advancing Worldwide." Apart from its "marine" education and research as a feature of the development, NSYSU has continued to grow vigorously and is committed to cultivating future talent with (AI)² literacy (Artistic & Inclusive, Advanced & Innovative) with its solid foundation.





根據 ESI 資料庫顯示，本校共 11 個領域進入全球前 1% 之列。最新《QS》世界大學學科排名，本校共 20 個學科入榜，穩居全國前五強。2025 人力銀行最佳大學品牌力評比，本校在性格優勢拿下全國第一、國際力全國第三；同年，榮獲《遠見雜誌》「公立大學典範獎」，並勇奪「中大型大學」冠軍，被譽為近十年最具爆發力的大學，同時獲得高科技製造業與大型資本規模企業高度肯定。

在雙語教育方面，繼 2021 年獲教育部核定為重點培育學校，2024 年又獲核定為全國 4 所標竿大學之一；第二期高教深耕計畫除補助經費大幅提升外，本校特色領域研究中心亦由 6 個增加為 7 個。此外，在高雄市政府的支持下，已順利取得國際商工部分校地無償撥用，作為醫學院後續使用，為醫學教育扎根南臺灣邁出重要的一步。

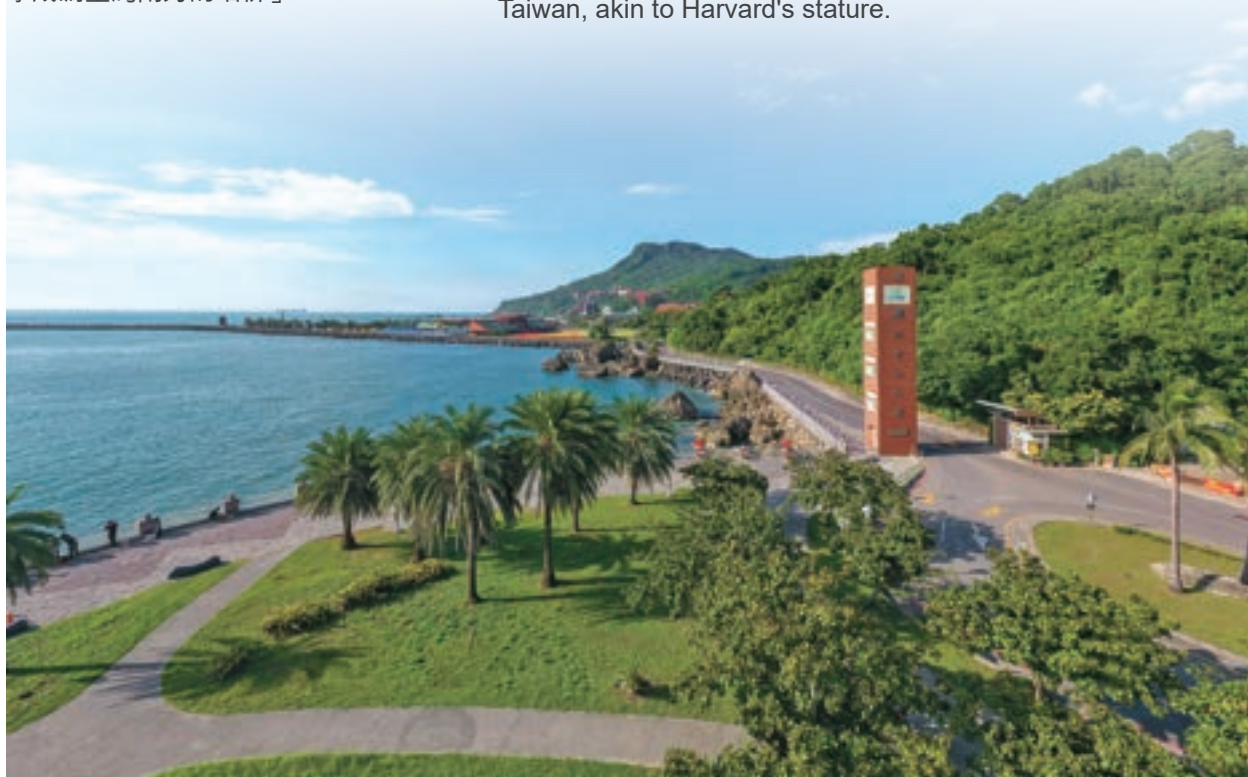
According to the ESI database, NSYSU is ranked within the global top 1% in 11 academic fields. In the latest QS (Quacquarelli Symonds Ltd.) *World University Rankings by subject*, NSYSU has 20 subjects ranked on the list, placing it among the top five universities in Taiwan. In the 2025 "University Brand Power Survey" published by a leading Job Bank, NSYSU is ranked first in the category of "personality traits" and also achieves third place in the category of "international competitiveness." In the same year, the University was honored with the Public University Paradigm Award by *Global Views Monthly*, ranking first among the medium to large-sized universities, and was hailed as the most rapidly emerging university of the past decade. NSYSU has also received great acclaim from both the high-tech manufacturing industry and large-scale enterprises.

In terms of bilingual education, NSYSU was approved as a key university for bilingual campus by the Ministry of Education (MOE) in 2021, and was again recognized by the MOE in 2024 as one of the only four holistic benchmark universities in Taiwan. Regarding the Higher Education SPROUT Project, its phase 2 funding increased tremendously, and the number of featured areas research centers expanded from six to seven. As to the development of the College of Medicine, with the support from the Kaohsiung City Government, the University secured part of the premises of the former Kuochi Senior Vocational High School of Commerce and Technology at no cost, marking a significant step toward advancing medical education in southern Taiwan.

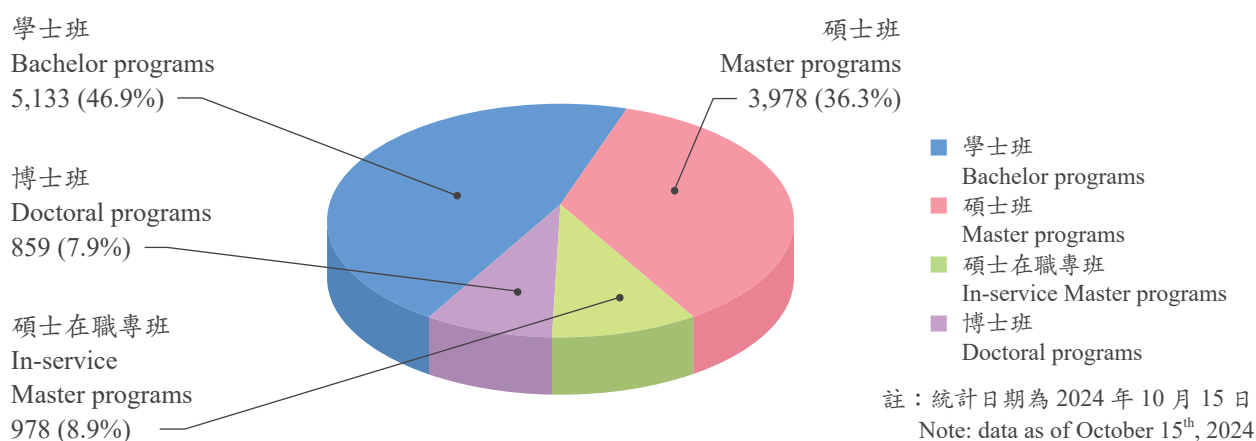


高雄正面臨區域發展的轉型階段，正如哈佛大學對波士頓地區發展的影響與貢獻，本校將與在地共創共榮，不僅提供未來轉型發展所需的人才與創意，更要讓世界看見南臺灣的山海榮耀，「致力建設中山大學成為臺灣南方的哈佛」。

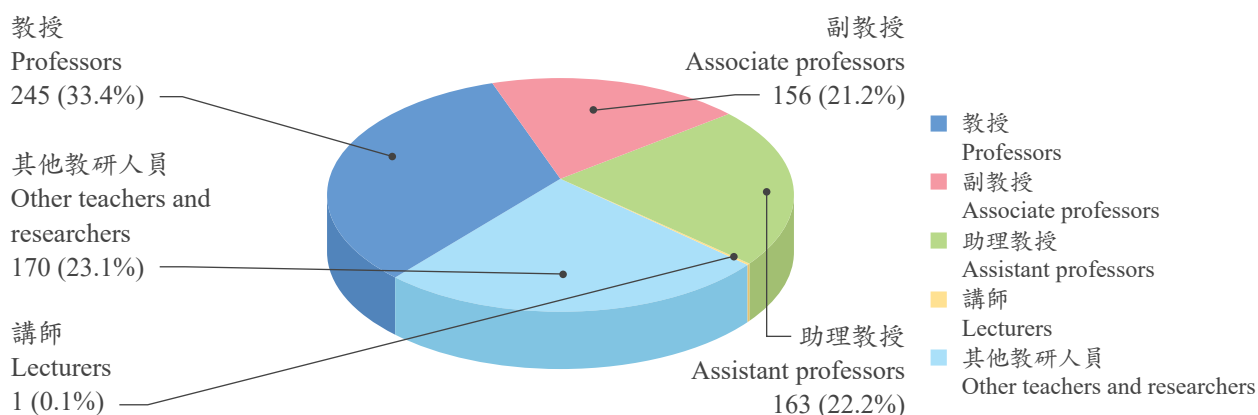
Kaohsiung is currently undergoing a transformation stage of regional development. Like Harvard University contributing immensely to the city development of the Boston area, NSYSU aims to foster local collaborations for mutual prosperity, provide talent and creativity for future growth, and showcase the natural beauty and intellectual strength of southern Taiwan to the world, thereby positioning itself as the premier university in southern Taiwan, akin to Harvard's stature.



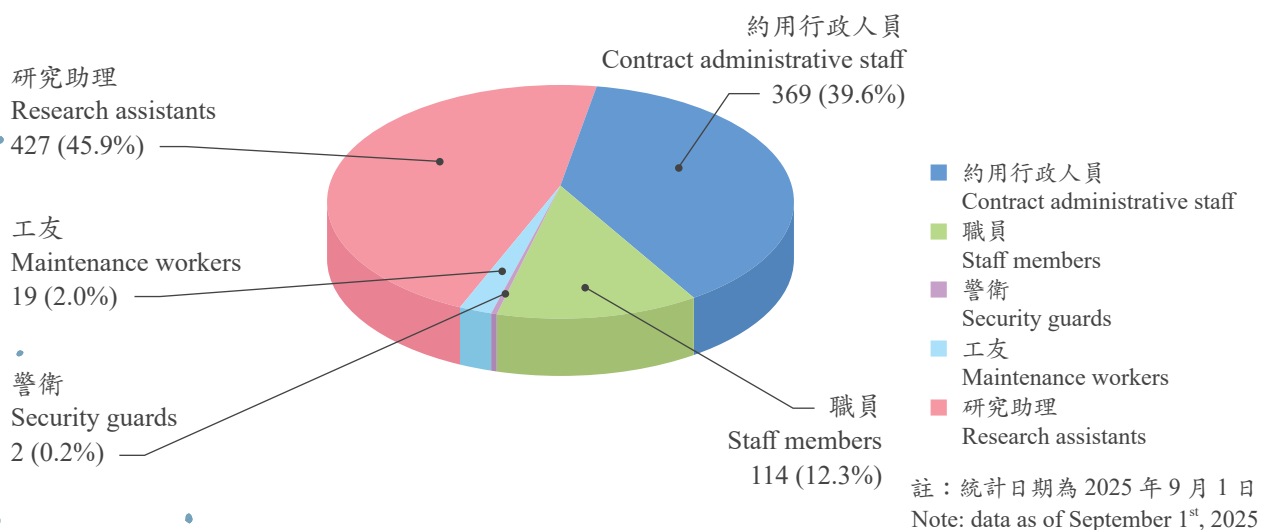
113 學年度全校學生人數為 10,948 人
10,948 students enrolled in the academic year 2024-2025



114 學年度專任教研人員人數為 735 人
735 full-time teachers and researchers employed in the academic year 2025-2026



114 學年度行政人員人數為 931 人
931 administrative employees in the academic year 2025-2026



統計至 113 學年度，畢業生總人數為 76,441 人

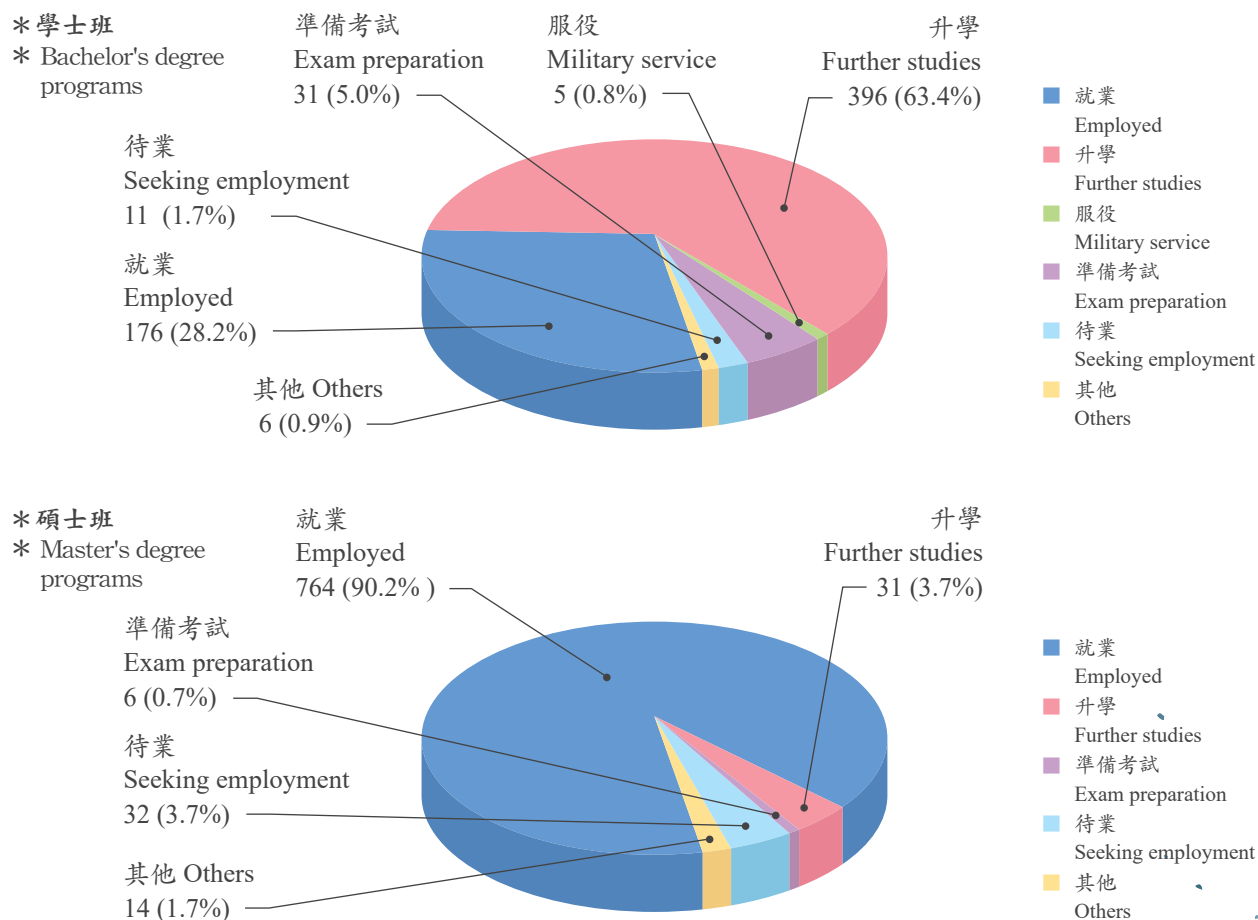
The total number of graduates from 1981 to 2025 is 76,441.

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
總人數 Total	76,441 人

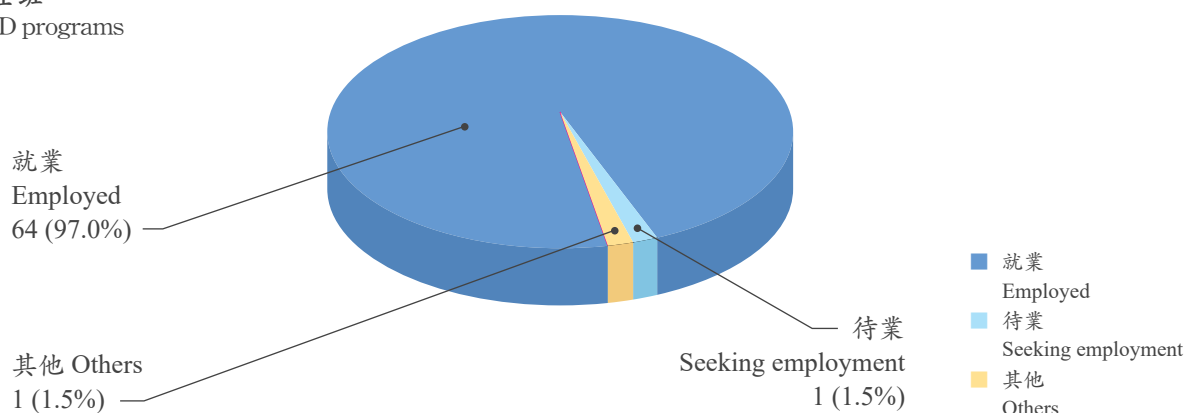
註：統計日期為 2025 年 9 月 23 日 Note: data as of September 23rd, 2025

111 學年度畢業生畢業後一年流向調查

Employment survey conducted one year after graduation (2022 year graduates)



* 博士班
* PhD programs



113 年度支出分析 Expenditure analysis as of 2024

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	2,657,071,528	50.07%
建教合作成本 Cooperative education expenses	1,764,553,226	33.25%
推廣教育成本 Continuing education expenses	60,283,141	1.14%
學生公費及獎勵金 Students scholarship and fellowship expenses	404,252,432	7.62%
管理及總務費用 General and administrative expenses	253,059,307	4.77%
雜項業務費用 Misc. operating expenses	24,213,243	0.46%
財務費用 Financial expenses	1,890	0.00%
其他業務外費用 Misc. expenses	142,756,507	2.69%
合計 Total	5,306,191,274	100.00%

備註：

- 支出合計 5,306,191,274 元，含半導體及重點科技研究學院 166,987,378 元及國際金融研究學院 121,247,057 元。
- 雜項業務費用為招生考試費用。
- 其他業務外費用為各場館費用及財產交易短絀。

Remarks:

- Total expense is \$5,306,191,274, including \$166,987,378 for College of Semiconductor and Advanced Technology Research and \$121,247,057 for School of Banking and Finance.
- Misc. operating expenses indicate admission examination operating costs.
- Misc. expenses indicate venue costs.

113 年度收入分析 Income analysis as of 2024

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	1,237,647,000	23.02%
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)	1,151,534,970	21.41%
其他收入 Other income	-	-
自籌收入 Self-generated income		
學雜費收入 Tuition and fees	595,993,136	11.08%
產學合作收入 Academia-industry cooperation	395,188,463	7.35%
政府科研補助及委辦收入 Government subsidies for scientific research or from government commissions	1,500,811,180	27.91%
權利金收入 Loyalty Income	30,191,081	0.56%
資產使用及權利金收入 Facility management and entitlement premium	163,115,283	3.03%
推廣教育收入 Continuing education	68,068,023	1.27%
受贈收入 Donation income	78,917,522	1.47%
財務收入 Financial revenues	114,322,402	2.13%
其他收入 Other income	41,331,715	0.77%
合計 Total	4,799,586,400	100.00%

備註：

- 收入合計 5,377,120,775 元，含半導體及重點科技研究學院 219,551,250 元及國際金融研究學院 149,949,724 元。
- 政府補助含資本門補助收入。
- 學雜費收入已扣除減免數 103,540,892 元。
- 資產使用及權利金收入為宿舍、停車場等活動場所收入。

Remarks:

- Total income is \$5,377,120,775, including \$219,551,250 for College of Semiconductor and Advanced Technology Research and \$149,949,724 for School of Banking and Finance.
- Government funding contain includes the capital grant.
- Tuition and fees income has exempted tuition waivers of \$103,540,892.
- 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訊通訊碩士在職專班				●
	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		● *※		
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亞太人力資源管理碩士 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		●		

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		● *※		
	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		●		
	精密電子零組件研究所		●		
	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		●		

◎ 114 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		● *✕		
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		●	●	●
	Continuing Education Program for Asia Pacific Management of the 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		●		

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		● *※		
	The Executive Master of Public Policy Program				● *
Si Wan College	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		●	●	
	Department of Biomedical Science and Technology	●			
	◎ Department of Nursing	●			
College of Semiconductor and Advanced Technology Research	Institute of Advanced Semiconductor Packaging and Testing		●		
	Institute of Precision Electronic Components		●		
	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



本校秉持綠色永續的發展理念，持續推動多項硬體設施建設與節能改善計畫，致力營造更加完善、安全且永續的校園環境，為師生提供優質且安心的學習與工作場域。

在基礎建設方面，113 年本校首創設立「水下載具研發中心」，因需放置重量達 3 噸以上的設備，總務處依據安全規範及結構承載標準規劃空間，完備啟用，大幅提升水下探勘技術上的研發及應用能力，增強校園科技創新實力。同時，配合國家科技產業政策推動，南部晶片設計產業基地於 113 年 9 月整修完成並正式啟用，藉此積極培育尖端科技人才，並促進南部半導體產業人才在地就業，強化區域產業鏈結及經濟發展。

In line with the principles of green sustainability, NSYSU continues to implement infrastructure development and energy-saving improvement projects. These efforts aim to build a more comprehensive, safe, and sustainable campus environment that provides students and faculty with an optimal and secure place to learn and work.

In terms of facilities, first, NSYSU established Taiwan's first "Underwater Vehicle R&D Center" in 2024. In accordance with safety standards and structural load-bearing requirements, the Office of General Affairs designed a space to accommodate equipment over three tons, which significantly enhances the University's capabilities in underwater exploration technology and strengthens its innovation capacity in marine science and technology. Second, NSYSU also completed renovations of the Southern Taiwan IC Design Industry Promotion Hub, in line with national science and technology policies, and officially launched operations in September 2024. This initiative aims to cultivate talent in cutting-edge technology and promote local employment in the southern semiconductor industry, thereby strengthening regional industrial linkages and fostering economic development.

在校園安全方面，本校積極強化火警預警系統，針對 18 棟建築物既有老舊 R 型火警受信總機進行汰換，全面更換為 P 型受信總機，提升整體火警警報效能與反應時效。為防範意外與提升校園整體安全，另完成圖書資訊大樓與電資大樓入口外牆修繕，選用具防脫落及仿石美觀效果的塗料施作，兼顧美學與安全性。

在節能永續執行面，本校持續優化校園電力系統與空調設備。113 年度首先完成建築物變壓器的汰換，文學院及藝術大樓使用的兩組變壓器由原本的 1000KVA 降為更有效率的 300KVA，顯著提升用電效率，全年約減少用電量 2.5 萬度，節省電費約 8 萬元，同時減少碳排放 11.9 公噸。此外，陸續汰換超過 9 年且耗能較高的定頻冷氣機，行政及教學區域與宿舍區共計更換 268 台；對於行政大樓內大型中央空調設備也進行全面更新。整體空調設備改良措施每年可減少用電約 77.6 萬度，節省電費約 243.5 萬元，減少碳排放 367.8 公噸，有效支持本校邁向低碳綠色校園願景。



In terms of campus safety, NSYSU proactively upgraded its fire alarm systems by replacing outdated R-type fire alarm panels in 18 buildings with modern P-type panels to enhance the overall performance and sensitivity of fire alarms across the campus. To further prevent accidents and strengthen campus safety, the University also renovated the exterior walls near the entrances of the Library and Information Building and the Building of Electrical Engineering, applying a peel-resistant imitation stone paint that balances durability with aesthetic appeal.

In pursuit of energy conservation and sustainability, NSYSU continues to optimize its power and air-conditioning systems. In 2024, the transformers in the College of Liberal Arts and Fine Art Building were replaced, switching from two 1000KVA units to 300KVA units. As a result, electricity efficiency was significantly improved, with annual electricity savings of roughly 25,000 kWh, a decrease in electricity expenses of approximately TWD 80,000 per year, and a reduction in carbon emissions of 11.9 metric tons per year. Additionally, 268 fixed-frequency air conditioners, which had been in use for more than nine years and were energy-intensive, were replaced across administrative, academic, and dormitory areas. Furthermore, major central cooling systems in the Administration Building were also upgraded, with annual electricity savings of roughly 776,000 kWh, a decrease in electricity expenses of approximately TWD 2.435 million per year, and a reduction in carbon emissions of 367.8 metric tons per year, effectively embodying NSYSU's vision of advancing toward a low-carbon and green campus.

咖啡飄香「360 藝文空間」 路易莎開幕

校內市定古蹟「360 藝文空間」注入新活力！知名連鎖品牌路易莎咖啡進駐，「360 藝文空間」建築物一樓以特色飲品與舒適空間，結合古蹟建築氛圍，營造兼具歷史底蘊與現代生活感的咖啡體驗，二樓仍作為藝術展演空間。校方期待，藉由此次合作，能讓更多人走進校園，認識古蹟之美，並在咖啡烘焙香氣中，感受文化與生活的交會。

「360 藝文空間」建於日治時期，部分一樓原為溫浴池使用，光復後曾作為蔣介石行館，嗣後移交本校管理，並進行部分場域整修，78 年成立西灣藝廊作為藝文展演與文化推廣的重要場域。因建築物年久失修，為保存珍貴歷史建築，歷經 540 個工作日，於 113 年完成修復工程並重新啟用，重現建築原貌，更展現文化資產保存及古蹟活化成果。



LOUISA COFFEE opening at the "360 University House" and filling the air with aroma

The Kaohsiung municipal monument "360 University House" on campus has been given new vitality with the opening of LOUISA COFFEE on the first floor, offering a comfortable setting and its specialties that merge the charm of historical architecture with a modern coffee experience, while the second floor continues to serve as an art exhibition and performance space. NSYSU hopes that this collaboration will attract more visitors to the campus, allowing them to appreciate the beauty of historic architecture while enjoying the aroma of freshly brewed coffee and the convergence of culture and everyday life.

Before being handed over to NSYSU, part of the first floor was a public hot-water bath house during the Japanese ruling era, and later served as a Chiang Kai-Shek Villa after World War II; in 1989 after partial renovation, NSYSU transformed it into an important venue for art exhibitions and cultural promotion, Si Wan Art Gallery. Due to decades of deterioration, the building underwent a restoration project lasting 540 work days, and was completed in 2024 with its original appearance revived. It showcases the University's achievement in heritage conservation and adaptive reuse of an historic site.



導入參與式設計 新型標線圓環啟用

為提升校園交通安全與行車秩序，本校啟用位於校內蓮海路三岔路口的全新「單車道標線圓環」。本次改造源於近年蓮海路外環道車流量增加，原路口受三處花圃分隔，形成多叉路口且路權不明，對用路人尤其外地遊客造成混淆，增加事故風險。西灣學院人文暨科技跨領域學士學位學程學生率先提出改善構想，改造工程採取「參與式設計」模式，由學生、總務處及專業交通工程技師共同討論方案，簡化原先複雜的車流動線，並制定專屬行駛規則，以降低事故風險。



Launching a new marking roundabout under participatory design

To enhance campus traffic safety and driving order, NSYSU has introduced a new single-lane marking roundabout at the Lianhai Road three-way intersection. The project was prompted by the increasing traffic volume on the Lianhai Road outer ring in recent years. The original intersection, divided by three flowerbeds, had become a confusing multi-branch roadway with unclear right-of-way, posing risks for road users, especially visitors unfamiliar with the campus. Students from Si Wan College's Program in Interdisciplinary Studies first proposed the improvement plan. The renovation was carried out using a "participatory design"

approach, with students, the Office of General Affairs, and professional traffic engineers jointly discussing possible solutions. The project simplified the old complex traffic flow and introduced specific driving rules, thereby significantly reducing the risk of accidents.



「書香町」展新貌 智慧還書系統啟用

歷時 4 個月整修，圖書資訊大樓一樓自習空間「書香町」以嶄新面貌重新開幕，24 小時智慧還書系統也正式啟用。此次改造透過調整出入口位置提升空間能見度，改變室內裝潢與多元化座位形式，去除空間壓迫感並營造溫暖療癒氛圍，室內也增設無線網路與電源插座，便利讀者使用資訊設備進行研究學習。內部還書箱也升級為智慧還書系統，讓讀者還書時能立即更新借閱紀錄，減少還書時間差，提升便捷性；當還書箱容量達到臨界值時，系統感應能發送信件給管理者，通知館方即時處理，提升作業效率。



"Study Hall" reopening with fresh look and self-return system launched

After four months of renovation, the "Study Hall" on the first floor of the Library and Information Building reopens with a fresh new look, along with the official launch of a 24-hour Self-Return System. The renovation features repositioned entrances for better visibility, redesigned interiors, and diverse seating arrangement to create a spacious layout and comfortable atmosphere. Moreover, Wi-Fi and power outlets are installed to support digital research and study needs. As part of the renovation, the traditional Book Drop is also upgraded to a Self-Return System that instantly updates patron records, reduces processing delays, and enhances convenience. Furthermore, the system will automatically notify librarians to collect books once the Book Drop reaches capacity, streamlining administration.



綠色知識循環 二手書交換平台推永續閱讀

圖書與資訊處推行的「二手書交換平台」自上線以來，已成為校內二手書流通的重要管道，並廣受師生好評。面對資安新挑戰與行動裝置普及，平台依據歷年使用者建議進行全面改版，推出 2.0 版本。新版平台除保留原有核心功能外，升級後，書籍刊登可直接導入網路書店資料與封面，提升資訊正確性；也新增中英文雙語介面，便利外籍師生使用；設計響應式頁面，無論電腦或手機皆能流暢瀏覽；並強化分類系統與隱私保護，留言與交易須登入後進行，為資訊安全層層把關。改版後書籍刊登與交易成功率高達九成，顯示平台操作便捷、媒合效率高，充分展現永續資源循環的價值。



Green knowledge circulation: promoting sustainable reading through NSYSU Used Book Exchange Platform

"NSYSU Used Book Exchange Platform" initiated by the Office of Library and Information Services receives positive feedback from faculty and students, becoming a vital channel for the circulation of used books on campus. In response to emerging cybersecurity challenges and the increasing use of mobile devices, the platform launches version 2.0, undergoing a comprehensive overhaul based on years of user feedback. The upgraded platform not only retains core functions but also introduces advanced features. For instance, book information and covers are directly imported from online bookstores to ensure information accuracy; a bilingual interface is established for international faculty and students; the responsive web design facilitates smooth browsing on both computers and mobile devices; with the categorization system being updated and the privacy safeguarded, information security is strengthened through mandatory login for posting comments and conducting transactions. Following the launch of version 2.0, the platform achieves a 90% success rate in book transactions, highlighting its improved usability and effective matching capabilities, while also fully embodying the spirit of sustainable resource circulation.

「循循善用」環保永續 設置 7 處袋類回收循環箱

隨著環保意識抬頭，塑膠減量成為全球關注議題。為響應環境永續，本校推動「循循善用計畫」，於校內 7 處包括武嶺一村米羅美食坊、武嶺二村自修室、武嶺三村交誼廳、武嶺四村一樓、翠亨 E 棟學生餐廳、翠亨 H 棟萊爾富以及山海樓饗食廣場，設置袋類回收循環箱，鼓勵師生回收閒置塑膠袋或紙袋，並提供自由取用，落實循環永續。計畫團隊除固定派員整理、清點與清理，未來也將結合校園與鄰近社區生活圈，推廣袋類再使用的循環機制，達到廢棄物減量的效果。



Promoting eco-friendly practices: "Reduce, Reuse, Recycle" through seven stations for bag recycling

With the rise of environmental awareness, reducing plastic waste has become a global concern. To support sustainability, NSYSU launched the project, "Reduce, Reuse, Recycle," by establishing seven stations for bag recycling on campus, including the MiRo Cafeteria (Village 1 of Wuling Villa), the study room (Village 2 of Wuling Villa), the lounge (Village 3 of Wuling Villa), the ground floor (Village 4 of Wuling Villa), the student cafeteria (Building E of Tsui Heng Villa), the Hi-Life convenience store (Building H of Tsui Heng Villa), and the Mountain & Sea Food Court. The project encourages faculty and students to donate or take reusable plastic or paper bags, promoting sustainable practices on campus. Furthermore, the project team not only regularly maintains and monitors the stations, but also plans to extend the initiative into nearby communities, fostering a circular model of bag recycling and reducing overall waste.



重視學生賃居安全 將改建宿舍支持租金透明化

本校高度關注學生校外賃居安全，積極支持租金透明化政策。從內政部學區租金透明化的資料中可發現，學校所在的鼓山區，平均租金介於 5,800 元至 15,000 元，較高雄其他地區高。因此，學校已爭取教育部專案經費，將針對使用多年的宿舍實施改建，以提供更多舒適安全的學生住宿環境，持續關注並支持政府改善租屋市場的相關政策，期望能進一步降低租金，為學生提供更優質的居住條件。



NSYSU highlighting student accommodation safety through renovations and supports rent transparency policy

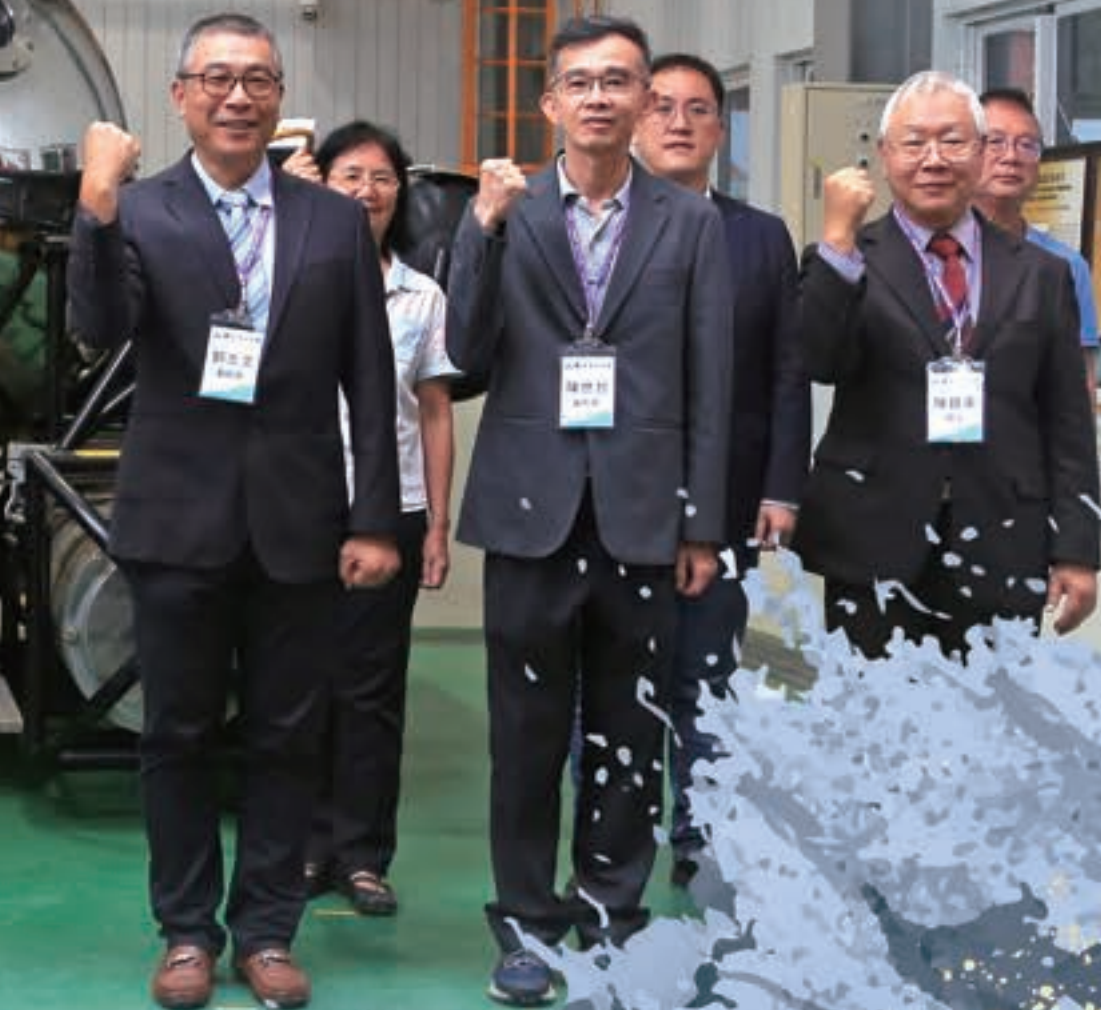
NSYSU is highly concerned about the safety of students' off-campus housing and fully supports Taiwan's rent transparency policy. According to the data of rental market near universities released by the Ministry of the Interior, the average rent in Gushan District, where the University is located, ranges from TWD 5,800 to TWD 15,000, higher than those in other districts of Kaohsiung. In response, the University has secured funding from the Ministry of Education to renovate older dormitories, aiming to increase the availability of comfortable and safe housing on campus. In line with government housing policies, these efforts are intended to ease rental burdens and improve student living conditions.





研究亮點

Distinguished Academic Achievements





2025 年《QS》世界大學學科排名本校 20 學科入榜，居全國第五。本校教師近 5 年（109 年至 113 年）發表 SCIE、SSCI、AHCI 期刊論文質量俱佳，查詢 WOS 資料庫平均每年 1,437 篇，國際合作論文數平均為 617 篇，佔總發表論文篇數 43%。SciVal 資料庫中，本校教師 109 至 114 年期間發表在期刊排名前 10% 的論文比例達 34.5%，高於全國平均 31.7%。

在 ESI 資料庫 22 個研究領域中，本校於 2025 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，如此表現相當優異。2024 全球前 2% 頂尖科學家榜單，本校共有 66 名學者榮列其中，更有 4 人於「終身科學影響力排行榜」領域排名全國第一。資料分析服務商科睿唯安公布「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、通訊工程研究所溫朝凱教授 2 人入榜。

In the 2025 QS World University Rankings by subject, NSYSU has 20 subjects ranked on the list, placing it among the top five universities nationwide. Over the past five years (2020-2024), NSYSU faculty have published high-quality research papers in SCIE, SSCI, and AHCI journals. According to the Web of Science (WOS) database, an average of 1,437 papers are published annually, 43% (617 papers) of which are internationally collaborated. Additionally, the SciVal database indicates that 34.5% of NSYSU papers published between 2020 and 2025 are in the top 10% of journals, exceeding the national average of 31.7%.

In the Essential Science Indicators (ESI) database, NSYSU has research papers in 11 out of 22 disciplines (including all-discipline) cited among the top 1% globally as of 2025, with the disciplines of Chemistry, Engineering, Materials Science, Clinical Medicine, and Environment & Ecology performing the best. As a result, NSYSU ranks fourth among leading comprehensive universities in Taiwan, an outstanding achievement given the University's size and the number of faculty. Besides, 66 scholars from the University are on the list of the 2024 World's Top 2% Scientists, four of whom rank first nationwide in their respective fields on the Lifetime Scientific Impact Ranking. Moreover, Associate Professor Shin-Ming HUANG from the Department of Physics and Professor Chao-Kai WEN from the Institute of Communications Engineering are named to the list of Clarivate Analytics' "Highly Cited Researchers," which only one in a thousand scholars worldwide receive such an honor.





本校教師的學術研究表現深獲國科會與教育部肯定。近5年執行國科會計畫件數及金額增加幅度分別達1.2倍及1.4倍。此外，年年均有教師榮獲重要學術研究獎項，包括國科會吳大猷先生紀念獎10人、國科會傑出研究獎6人、教育部學術獎2人、教育部終身國家講座1人，以及中央研究院院士1人。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，研究中心通過成長率全國第一，深入推展國際重要議題的研究，吸引國際重要學術機構與之合作，不僅對國際社會作出貢獻，且能提升本校國際學術影響力。

本校將以自身研究能量，持續配合國家政策與社會需求，積極鏈結大高雄地區大專校院與研究單位，籌組跨校團隊爭取大型計畫，擴大區域校際之研究能量及影響力。

The academic performances of NSYSU faculty have been highly recognized by both the National Science and Technology Council (NSTC) and the Ministry of Education (MOE). Over the past five years, the number of NSTC projects has increased by 1.2 times and the total amount of funding has risen by 1.4 times. Each year, faculty receive prestigious academic research awards; there are ten, six, two, one and one recipients of NSTC Ta-You Wu Memorial Awards, NSTC Outstanding Research Awards, MOE Academic Awards, MOE lifetime National Chair Professor and Academician of Academia Sinica, respectively. Furthermore, under the Phase 2 (2023-2027) of the University's Higher Education SPROUT Project, there are seven featured research centers: Sustainable Intelligent Electronic Commerce Research Center, Center of Crystal Research, 6G Communication and Sensing Research Center, Center of Excellence for Metabolic Associated Fatty Liver Disease, Center for Strategy and Human Capital Research, Global Co-Becoming and International Sinology Research Center, and Aerosol Science Research Center. As a result, NSYSU ranks first in Taiwan for its growth in new research centers. These centers not only address major international issues but also foster collaboration with leading global academic institutions, thereby contributing to the international community and enhancing the University's influence on global academia.

With its research capacity, NSYSU will continue to proactively align with national policies and meet societal needs. By fostering collaborations with universities and research institutions in the Greater Kaohsiung area, the University aims to form cross-institutional teams to compete for major projects and enhance regional interuniversity research capacity and influence.





全球共生與國際漢學研究 第七大深耕中心成立

中國文學系賴錫三特聘教授、莫加南副教授主持的文學院「全球共生與國際漢學研究中心」正式成立，推動國際學術交流，包括邀請世界著名跨文化哲學家安樂哲展開學術訪問；執行教育部標竿計畫「跨文化漢學之島：國際漢學平台在中山」，力邀重量級海內外漢學家參與 10 部「國際漢學家系列」影音訪談紀錄片；籌辦「天下秩序與共生哲學」國際研討會；攜手本校氣膠科學研究中心舉行「氣的科學與人文對談：雙院士風雲會」雙院士講座；在「跨文化共生國際漢學」潛力國際研究群計畫支持下，舉辦「東南亞漢文行旅書寫」與「如何思考他者——串連古今的視野」2 場國際學術工作坊。



Establishing the seventh featured research center for global co-becoming and international Sinology research

Led by Distinguished Professor Hsi-San LAI and Associate Professor Mark Frederick McConaghy from the Department of Chinese Literature, the College of Liberal Arts officially establishes the "Global Co-Becoming and International Sinology Research Center" to promote international academic exchanges. The Center not only invited world-renowned intercultural philosopher Roger T. AMES for an academic visit, and implemented the Ministry of Education's benchmark project "The Transcultural Sino-Island: Global Sinology Forum at National Sun Yat-Sen University," which produced 10 in-depth video interview series "Voices in Global Sinology" featuring leading sinologists from Taiwan and abroad, but also organized an international conference on "Tianxia Order and Philosophies of Co-Becoming," and collaborated with the Aerosol Science Research Center to host the lecture on "Dialogue between Science and the Humanities on Qi: A Gathering of Two Academicians." With support from the international research cluster on "Transcultural Co-Becoming and Global Sinology," the Center also held two international academic workshops titled "Travel Writing in Chinese in Southeast Asia" and "(Re) thinking the Other in the Chinese Humanities – Past and Present."



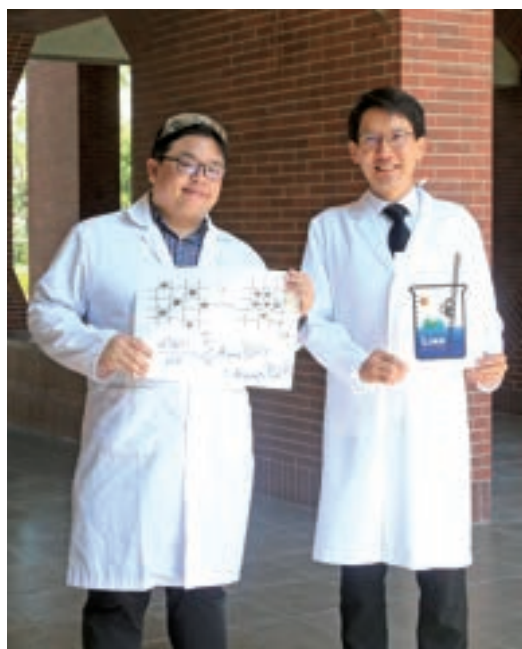
共組水下無人載具聯盟 蕭美琴副總統南下視察

蕭美琴副總統南下高雄，視察本校海洋科學學院的水下載具與智慧操控平臺研發成果，從國產科研潛艇實機展示、智慧無人船到無人載具AI應用，展現臺灣海洋科技自主發展的堅強實力與突破進展。此外，本校與國家中山科學研究院、海軍軍官學校、國立高雄科技大學、國立屏東科技大學共同簽訂合作備忘錄，針對科學園區人才培育、科研學術合作及水下無人載具等議題合組策略聯盟；也與海軍官校簽署策略聯盟協議書，共同推動水下軍事科技。



Forming an autonomous underwater vehicle alliance, with Vice President Bi-khim Hsiao visiting southern Taiwan

Vice President Bi-khim Hsiao visited Kaohsiung to inspect research and development achievements of the Academia Research Center of Underwater Vehicles at the College of Marine Sciences of NSYSU. The demonstrations from domestically developed research submersibles to smart unmanned vessels and AI applications for autonomous vehicles showcase Taiwan's strong capabilities and breakthroughs in independently developed marine technology. Additionally, NSYSU signed a memorandum of understanding with the National Chung-Shan Institute of Science and Technology, the R.O.C. Naval Academy, National Kaohsiung University of Science and Technology, and National Pingtung University of Science and Technology to form a strategic alliance focusing on cultivating talent for science parks, fostering academic research collaboration, and advancing the development of underwater autonomous vehicles. NSYSU also signed a separate strategic alliance agreement with the R.O.C. Naval Academy to jointly advance underwater military technology.



Chao-Kai WEN receiving NSTC Outstanding Research Award, and Hsuan-Hung LIAO and Cheng-Chau CHIU from the Department of Chemistry honored with the Ta-You Wu Memorial Award

Professor Chao-Kai WEN from the Institute of Communications Engineering, as well as a Fellow of the IEEE and a Highly Cited Researcher recognized by Clarivate, has long dedicated himself to research on deep learning in wireless communications and MIMO multi-antenna systems. His remarkable achievements earned him the 2024 Outstanding Research Award from the National Science and Technology Council. In addition, Associate Professors Hsuan-Hung LIAO and Cheng-Chau CHIU from the Department of Chemistry received the NSTC 2025 Ta-You Wu Memorial Award, standing out as the only two awardees nationwide in the field of chemistry. LIAO focuses on photo- and electro-driven organic synthesis strategies and the development of potential drugs; CHIU develops kinetic modeling strategies in computational chemistry that transform abstract energetics into observables, which can be directly compared with experiments and can be used to study systems of relevance for industrial applications. Overall, their research not only demonstrates academic excellence but also yields practical applications, showcasing the University's robust research capacity.

溫朝凱獲國科會傑出研究獎 化學雙傑廖軒宏、邱政超獲吳大猷獎

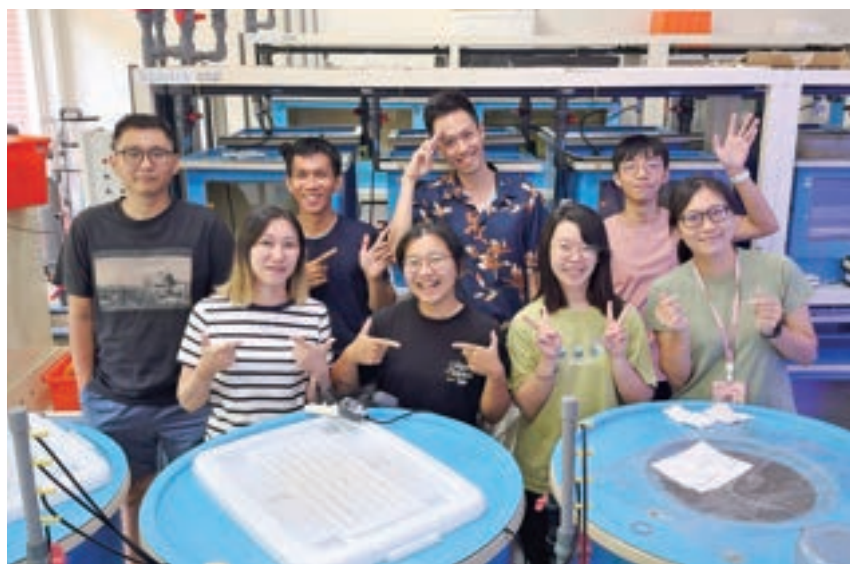
通訊工程研究所溫朝凱教授長期專注於無線通訊深度學習技術與 MIMO 多天線系統研究，成果卓著，為國際電機電子工程師協會會士（IEEE Fellow）與科睿唯安高被引學者，其傑出表現榮獲國科會 113 年度傑出研究獎。化學系廖軒宏、邱政超副教授雙雙獲國科會 114 年度吳大猷先生紀念獎，包辦全臺化學學門唯二獲獎學者！廖軒宏專注於光電驅動的有機合成策略、研發製備潛力藥物；邱政超則致力於計算動力學模擬技術、轉化為可直觀比對的化學現象供業界參考。3 人不僅學術研究成果豐碩，亦可應用在實務層面，展現強勁科研實力。



破解魚皮密碼

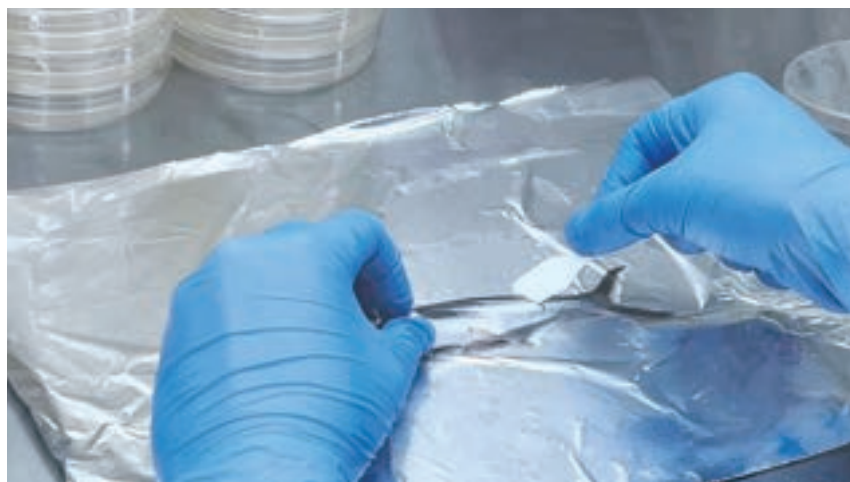
王亮鈞創亞洲唯一海洋及致病微生物實驗室

海洋生物科技暨資源學系王亮鈞副教授創設全亞洲唯一的海洋及致病微生物實驗室，團隊研究魚類皮膚、共生菌及環境的三角關係，創世界先例，首度發現魚皮黏膜上的共生菌具抵抗力和治癒力，可幫助魚類抵擋環境中的病菌，有利存活，助攻養殖經濟並具仿生科技、醫學新藥等應用前景，研究量能具國際水準，研究成果不僅獲頂尖期刊《魚類與貝類免疫學》刊登，也獲吳大猷先生紀念獎肯定。



Unveiling the universe of fish skin: Liang-Chun Mark WANG establishes the only Marine and Pathogenic Microbiology Laboratory in Asia

Associate Professor Liang-Chun Mark WANG from the Department of Marine Biotechnology and Resources establishes the only Marine and Pathogenic Microbiology Laboratory in Asia, where WANG's research team studies the tripartite interplay between the fish skin, mucus microbiome, and environment. In its groundbreaking findings, the research team discovers that the mucus microbiome on fish skin can resist pathogens and enhance skin regeneration, helping strengthen fish immunity and defend against pathogens in the environment. These findings not only boost the aquaculture economy but also open prospects for application in bionic technology and new drugs. His research achievements are published in the leading journal *Fish & Shellfish Immunology* and earn him the Ta-You Wu Memorial Award, showcasing his world-class research capabilities.





籌辦教育、物理、數學三大年會 國際學者齊聚西灣

本校本學年度籌辦三大領域年會，包括台灣物理學界年度最大盛事「2025 台灣物理年會暨國家科學及技術委員會計畫成果發表會」，為期 3 天的主題議程吸引全球 21 國、逾百名國際學者齊聚，參與人數更突破 2,100 人。另舉辦「第 26 屆國際線性代數學會年會」，主題為「經典與傳承」，包含 10 場主題演講、35 個論壇，吸引來自逾 40 國、近 400 名國際學者來訪高雄，行銷港都。另與台灣教育研究學會、全球華人創造力學會共同舉辦「台灣教育研究學會暨全球華人創造力學會 2024 學術研討會—智慧未來：AI 時代中個體與社群的賦權與共好」，活動吸引近 200 人參與，共同探討人工智慧時代中的教育創新與挑戰。

Hosting three major annual conferences in education, physics, and mathematics, with international scholars gathering at Sizihwan

In the 2024-2025 academic year, NSYSU hosted three major annual conferences in distinct fields. The "2025 Annual Meeting of the Physical Society of Taiwan and National Science and Technology Council Project Achievement Presentation," the most important annual event in Taiwan's physics community, featured three days of themed sessions, attracting more than 100 international scholars from 21 countries and over 2,100 participants in total. The "26th Conference of the International Linear Algebra Society" held under the theme "Legacy and New Spectrum," welcomed nearly 400 international scholars from more than 40 countries to Kaohsiung for 10 plenary talks and 35 mini-symposia, while also promoting the city to the global academic community. In addition, NSYSU co-hosted the "TERA-GACC 2024 Conference – Intelligent Future: Empowering Individuals and Communities for all in the AI Era" with the Taiwan Education Research Association (TERA) and the Global Association of Chinese Creativity (GACC), bringing together nearly 200 participants to discuss innovation and challenges in education during the era of artificial intelligence.





攜加國 3 名校抗空汙 國際論壇分享氣膠新知

亞洲唯一的氣膠科學研究中心組成參訪團，與加拿大多倫多大學、英屬哥倫比亞大學及麥基爾大學等 3 所頂尖大學氣膠研究團隊展開深度密切交流；透過強化臺加國際合作，共同研擬改善空氣品質、守護公眾健康及免受空汙侵害的解方。舉辦「2025 氣膠跨領域科學國際論壇」，邀請到德國慕尼黑聯邦國防軍大學氣膠專家和亞洲氣膠聯盟主席及多名校外專家與會演講，分享研究新知。

Partnering with three top Canadian universities to tackle air pollution and sharing aerosol research at an international forum

The Aerosol Science Research Center (ASRC) at NSYSU, the only aerosol-focused center in Asia, organized a delegation to Canada and engaged in close and in-depth exchanges with aerosol research teams from three top universities: the University of Toronto, the University of British Columbia, and the McGill University. Through strengthening Taiwan-Canada international cooperation, both sides aim to jointly develop effective strategies to improve air quality and safeguard public health against air pollution. ASRC also hosted the "2025 Aerosol Multidisciplinary Science International Forum," featuring talks by aerosol experts from the University of the Bundeswehr Munich in Germany, the president of the Asian Aerosol Research Assembly, and several other distinguished external scholars to share the latest research findings.



攜手國海院 2 海洋研究實驗室揭牌

本校與海委會國家海洋研究院攜手打造「海洋關鍵微量元素分析實驗室」、「海洋生態分子生物學實驗室」，前者聚焦關鍵微量金屬元素的分析，後者則專注於運用分子生物學技術。此舉標誌雙方深化海洋科研合作，將共同致力於提升國內海洋研究量能、促進國際學術與技術交流，進一步提升未來在海洋生態保育、環境監測與永續發展等領域的合作，並推動臺灣在海洋科學研究領域不斷精進與突破。



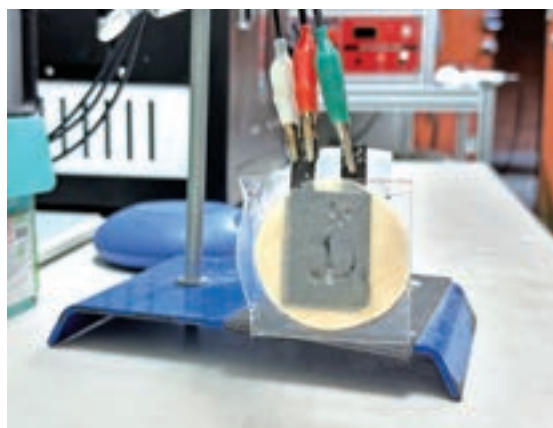
Inaugurating two marine research laboratories in collaboration with the National Academy of Marine Research

In collaboration with the National Academy of Marine Research (NAMR) of the Ocean Affairs Council, NSYSU establishes the "Marine Isotope Laboratory for Key Trace Element Analysis" and the "Marine Ecology and Molecular Biology Laboratory." The former focuses on the analysis of key trace metal elements, while the latter specializes in molecular biology techniques. This initiative marks an advancement of collaboration in marine research between the two institutions, aiming to enhance domestic research capacity in marine science, facilitate international academic and technological exchanges, and foster cooperation in marine ecological conservation, environmental monitoring, and sustainable development, thereby driving continuous progress and breakthroughs in Taiwan's marine research.



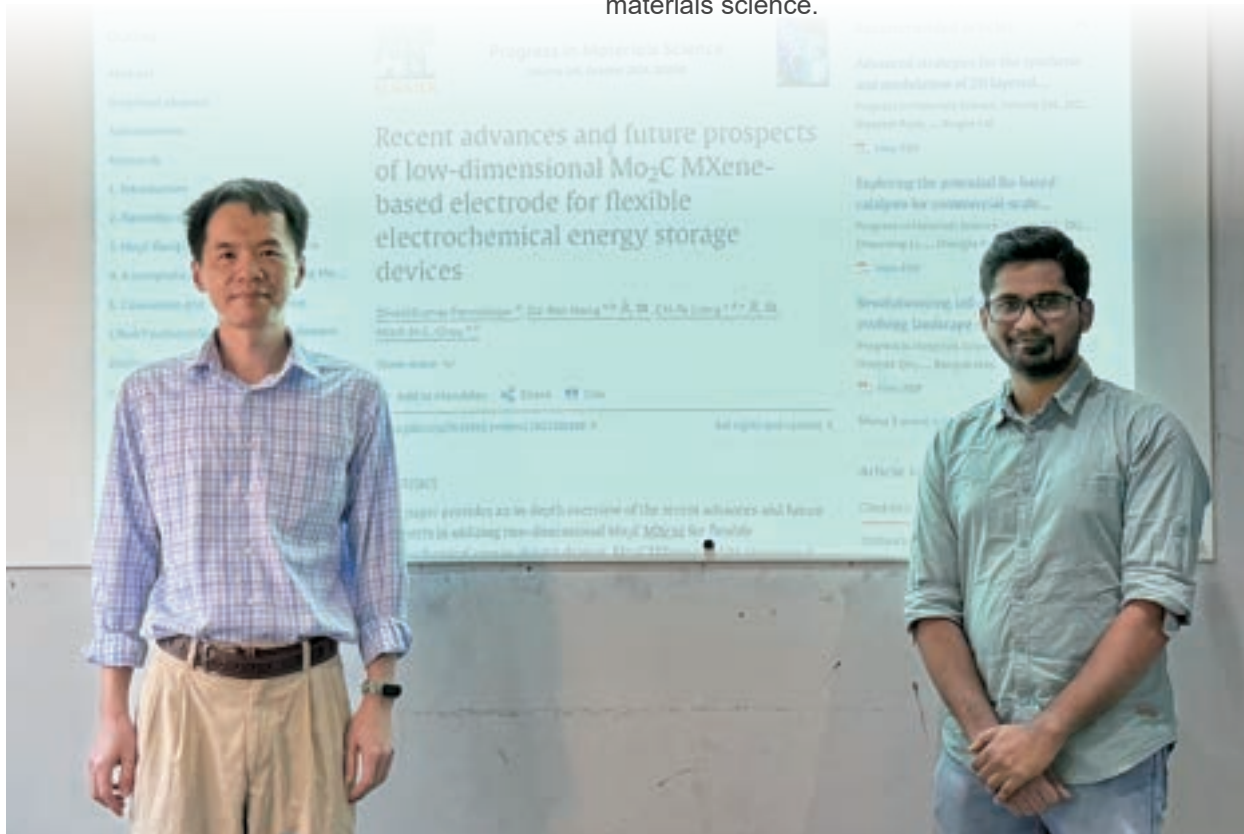
發表先進儲能技術指南 登國際期刊

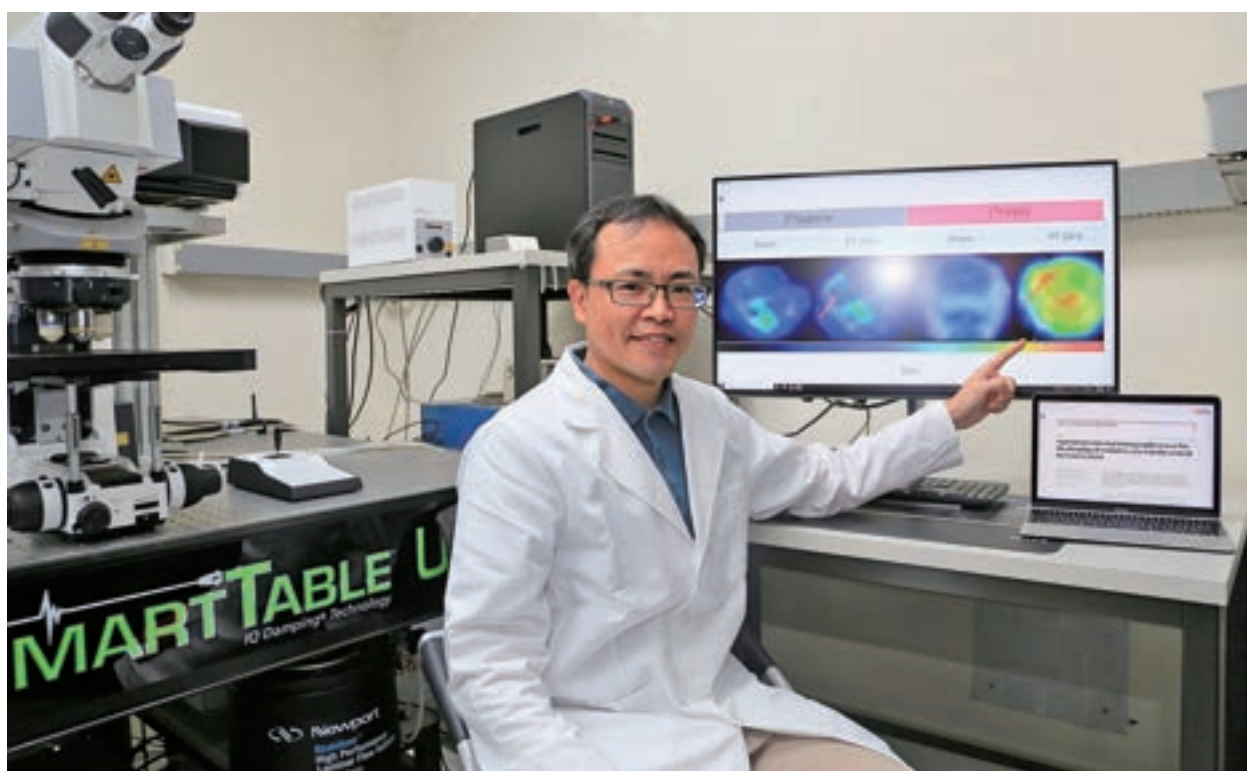
材料與光電科學學系杭大任教授跨校研究，團隊整合 10 餘年重要文獻，深度聚焦於新穎碳化鉬邁科烯電儲能柔性材料。該新材料受益於其優秀的電化學性能，並因其輕薄、可撓曲的特性，可助攻智慧穿戴裝置、消費性電子產品，甚至航太利基產品的先進技術開發，論文成功發表於國際材料科學頂尖期刊《材料科學進展期刊》。



Publishing research on advanced technology in energy storage in a prestigious international journal

Professor Da-Ren HANG from the Department of Materials and Optoelectronic Science has led a cross-institutional study on molybdenum carbide (Mo_2C) MXene-based flexible materials for electrochemical energy storage. The study, which integrates over a decade of key research, explores the unique properties of these innovative materials, such as exceptional electrochemical performance, lightweight nature, and flexibility. These characteristics position Mo_2C MXenes as transformative materials for a range of advanced technologies, including smart wearables, consumer electronics, and aerospace applications. The research has been published in the prestigious journal "*Progress in Materials Science*," a leading publication in the field of materials science.



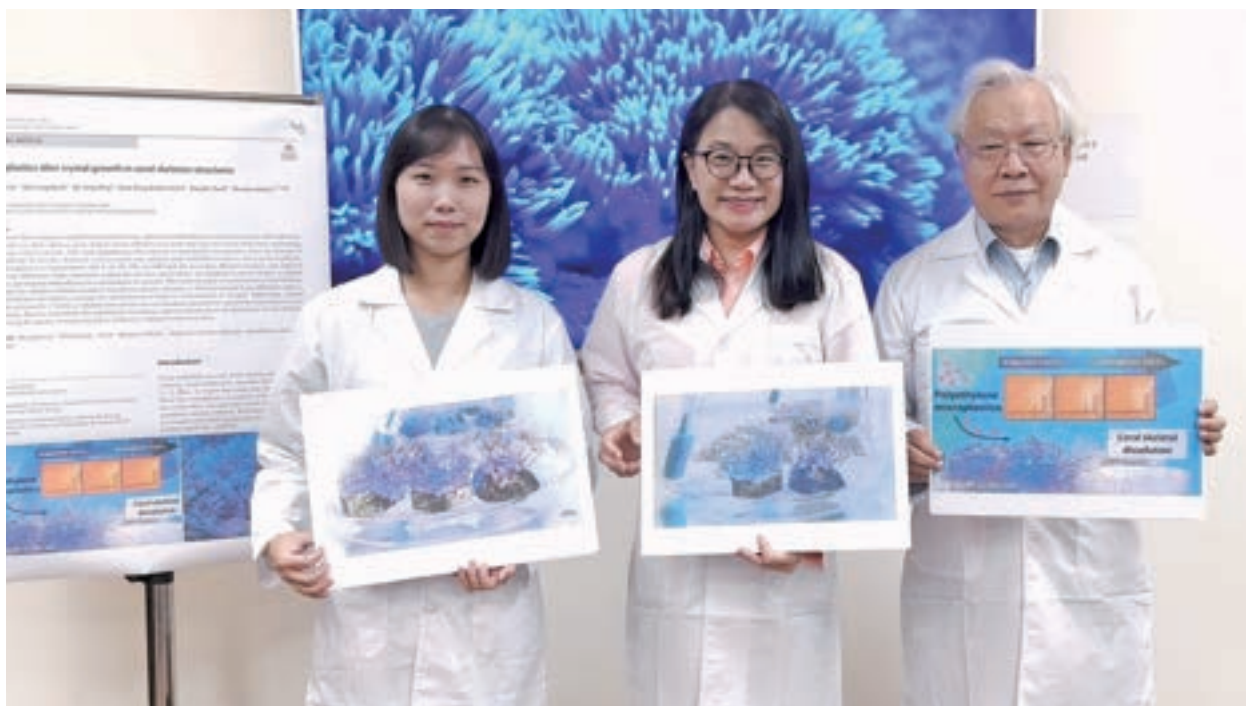


全球首創氧化壓力偵測技術 有望緩解阿茲海默症

阿茲海默症、中風及漸凍人病程減緩有望！本校生技醫藥研究所助理教授孫羽佑，與美國維吉尼亞大學、聖猶達兒童研究醫院跨國合作，將原本用於治療漸凍人的藥物，開發為非侵入式探測顯影技術，可偵測大腦中氧化壓力的變化與分布，在腦中風與神經退化性疾病發展初期及早觀察、發現異狀並介入治療，因而提高治癒率。此項全球首創的非侵入性技術，創新成果獲登世界權威期刊《自然生物醫學工程》。

Pioneering the world's first oxidative stress detection technology in the brain, with the hope of combating Alzheimer's disease

Hope is on the horizon for slowing the progression of Alzheimer's disease, stroke, and ALS! Assistant Professor Yu-Yo SUN from the Institute of Biopharmaceutical Sciences, in collaboration with the University of Virginia and St. Jude Children's Research Hospital, transformed a drug originally developed for ALS treatment into a non-invasive detection imaging tool. This innovative technique is able to detect changes and distribution of oxidative stress in the brain, enabling early detection and intervention during the onset of strokes and neurodegenerative diseases, thereby significantly increasing the chances of successful treatment. This groundbreaking, non-invasive technology was published in the prestigious journal *"Nature Biomedical Engineering."*



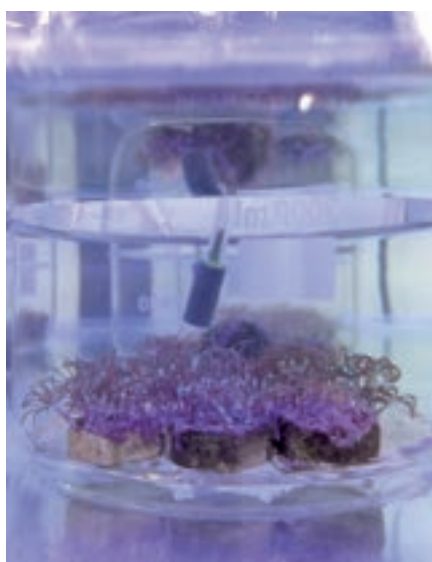
珊瑚竟「骨質疏鬆」！ 解謎海洋塑膠汙染

塑膠微粒竟會讓珊瑚長不大、更容易「骨質疏鬆」！化學系謝淑貞特聘教授與海洋科學系研究講座教授、中央研究院陳鎮東院士合作研究發現，塑膠微粒會改變珊瑚骨骼的晶體結構，威脅珊瑚生態系統。該研究以紫皮珊瑚為例，深入剖析塑膠微粒對珊瑚結構的損害，成功於國際頂尖期刊《環境化學快報》發表，對塑膠如何汙染海洋珊瑚提出關鍵見解，該研究模型更具延伸應用潛力。

Revealing coral "osteoporosis" to uncover the impact of marine microplastic pollution

Microplastics were found to stunt coral growth and make them more prone to "osteoporosis." A study led by Distinguished Professor Shuchen HSIEH from the Department of Chemistry, in collaboration with Research Chair Professor Chen-Tung Arthur CHEN from the Department of Oceanography at NSYSU and also an Academician of Academia Sinica, discovered that microplastics alter the crystal structure of coral skeletons, posing a threat to coral ecosystems. Using *Briareum violacea* coral as a case study, they conducted an in-depth

analysis of the damage caused by microplastics to coral structures. The research was recently published in the prestigious international journal "*Environmental Chemistry Letters*," offering crucial insights into how plastic pollution impacts marine corals and showing the strong potential of its model for extended applications.





證實夜市空汙危害兒童健康 林淵淙獲傑出工程教授獎

新興污染物研究中心主任、環境工程研究所林淵淙特聘教授攜跨校團隊合作研究，首度證實夜市營業期間所產生的空氣汙染物，不僅會滲透至鄰近家庭室內環境，甚至對兒童的肺功能造成不良影響，發表於國際知名期刊《暴露科學與環境流行病學》。其長期研究綠色能源與節能技術、廢棄物減量與再利用、空氣汙染防治，對工程教育、研究創新及實務應用具卓越貢獻，榮獲中國工程師學會 114 年度「傑出工程教授獎」並接受總統表揚。

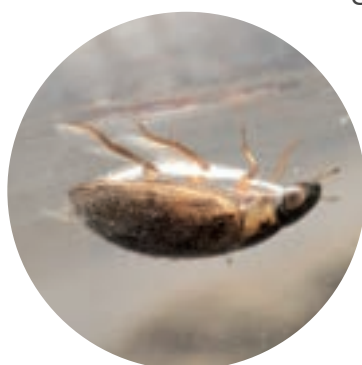
Yuan-Chung LIN receiving the Outstanding Engineering Professor Award for confirming the health risks of night market air pollution to children

Distinguished Professor Yuan-Chung LIN, Director of the Center for Emerging Contaminants Research and a faculty member at the Institute of Environmental Engineering, led a cross-university research team to confirm for the first time that air pollutants emitted during the opening days of the night market can infiltrate indoor environments of nearby household and adversely affect children's lung function. The results were published in the internationally renowned journal "*Journal of Exposure Science & Environmental Epidemiology*." Dr. LIN's long-term research contributions in green energy and energy-saving technologies, waste reduction and reuse, and air pollutant control have significantly advanced engineering education, research innovation, and practical applications. Owing to these achievements, he was honored with the 2025 Outstanding Engineering Professor Award by the Chinese Institute of Engineers (CIE) and was formally commended by the President of Taiwan.



溯源遠古牙蟲 全球首例游泳演化推論

祖先滅絕、沒有化石證據的生物也能溯源。生物科學系費卡契助理教授與丹麥、德國、臺灣等學術機構跨國合作，研究兩類現存牙蟲的游泳行為與身體結構，團隊以微型斷層掃描技術，證明此兩類牙蟲具相同骨化特徵，推測是從共同祖先獨立演化而來，提出全球首例「遠古牙蟲游泳演化推論」，同時演示以現生物種重建古代生物祖先型的新途徑，獲登國際期刊《英國皇家學會會報 B — 生物科學》。



Proposing a new hypothesis of how swimming evolved in aquatic beetle

Even the lifestyle and behavior of insects that have long been extinct can be revealed without fossil evidence! Assistant Professor Martin FIKÁČEK from the Department of Biological Sciences collaborated with



academic institutions in Denmark, Germany, and Taiwan to study the swimming behavior and body structure of two water beetle groups living today, each of them swimming in a different way. The team used micro-CT scanning to discover that the two groups share a unique internal structure which shows their swimming originated from the same ancestor. They proposed a new hypothesis of how swimming evolved in ancient water beetles and revealed a new way to reconstruct ancestors using modern species. The research was published in the prestigious journal "*Proceedings of the Royal Society B-Biological Sciences*."

液晶光電創新突破 林宗賢獲選美國光學會士

光電工程學系講座教授林宗賢研發長於液晶光電領域研究、技術創新突破及產業推廣應用貢獻卓越，當選 2025 美國光學學會會士。其團隊更開發全新「反向電致形變」技術，能在數分鐘內製造出面積大且穩定性高的藍相液晶單晶，大幅提升傳統光子晶體生長技術速度。此項創新技術有助光電設備、感測器及光學通訊領域進展，推升高效、低能耗、節能減碳的綠色光電科技，登上國際知名期刊《自然通訊》。



Achieving breakthroughs in liquid crystal photonics: Tsung-Hsien LIN is named an OPTICA Fellow

Chair Professor Tsung-Hsien LIN of the Department of Photonics, the Vice President for Research and Development, was elected as a 2025 OPTICA Fellow in recognition of his outstanding contributions to research, technological innovation, and industrial applications in the field of liquid crystal photonics. His team developed a novel "Reverse Electrostriction" technology that enables the rapid production of large-area, highly stable monocrystalline blue-phase liquid crystals within minutes, significantly enhancing the growth speed of conventional photonic crystal. This innovation promises advances in optoelectronic devices, sensors, and optical communications, while promoting high-efficient, low energy-consuming, and eco-friendly green photonics technologies. The research was published in the top-tier international journal *Nature Communications*.



碳匯研究頻登國際期刊 開創海水結合畜牧廢水養殖新路徑

海洋科學系洪慶章特聘教授聚焦海洋性藍碳研究逾 15 年，證實海洋浮游動物代謝的「糞粒」是主要的顆粒有機碳，可透過食物鏈大量把二氧化碳儲存於深海。整體海洋碳移除量，占全臺年碳排 33.8%，潛力驚人，跨國研究登上國際期刊《海洋汙染公報》。此外，他也證實紅翎藻具高汙染耐受與卓越的碳吸存、水質淨化能力，提出利用「海水混合畜牧廢水」進行紅翎藻養殖的構想，有望在養豬廢水處理、藍碳推廣及氣候行動中發揮關鍵角色，刊登於頂尖國際期刊《生物資源技術》。



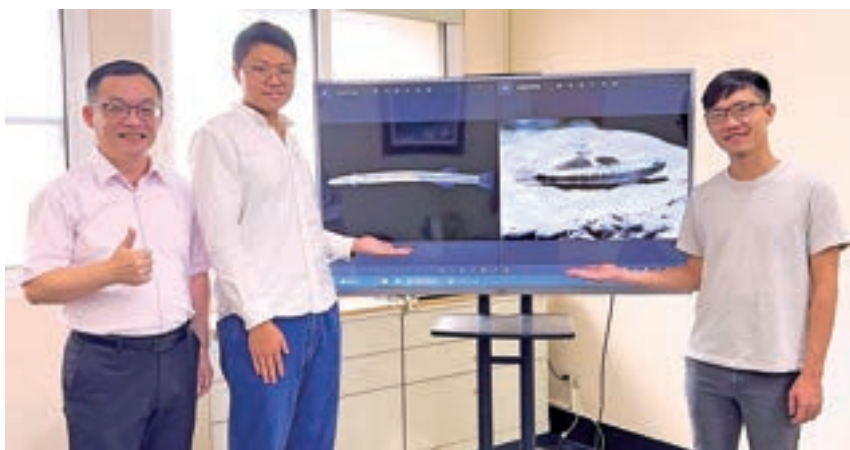
Publishing carbon sink research in international journals and pioneering a novel approach of cultivation using seawater mixed with livestock wastewater

Distinguished Professor Chin-Chang HUNG of the Department of Oceanography has dedicated 15 years to researching marine blue carbon. His research confirms that fecal pellets produced by marine zooplankton are a major source of particulate organic carbon. These particles play a crucial role in trapping significant amounts of carbon dioxide in the deep ocean, a process that sequesters 33.8% of Taiwan's annual carbon emissions, highlighting its remarkable potential! The findings were published in the international journal *Marine Pollution Bulletin*. In related research, Professor HUNG also confirmed that the red seaweed *Agardhiella subulata* is highly tolerant of pollution and has huge potential for both carbon sequestration and water purification. He proposes the idea of cultivating this seaweed using a mixture of seawater and livestock wastewater, which plays a pivotal role in swine wastewater treatment, blue carbon promotion, and climate action. His findings were published in the top-tier journal *Bioresource Technology*.



發現新物種！ 罕見鰕虎魚現蹤獨流溪

海洋科學學院院長、海洋科學系廖德裕特聘教授研究團隊在臺灣和菲律賓呂宋島北部溪流中確認一鰕虎魚新物種，獨特游動姿勢如蜂鳥振翅，命名為「青蜂枝牙鰕虎」。海洋生態與保育研究所林裕嘉助理教授則發現俗稱黃魚的高經濟價值魚種石首魚，對水溫改變高度敏感，恐將隨全球暖化加劇而面臨資源枯竭風險，研究獲《河口、沿岸與陸棚科學》刊登。海洋生物科技暨資源學系劉商隱教授與真理大學、國家海洋公園管理處合作研究發現，瀕臨絕跡的「尖齒檸檬鯊」，於檸檬鯊育幼場、東沙群島周邊幼鯊數量穩定，分別來自親緣關係疏遠的兩大家族，獲刊於《科學報告》。



Discovering a new species of rare goby in isolated creeks

A research team led by Distinguished Professor Te-Yu LIAO of the Department of Oceanography, Dean of the College of Marine Sciences, identified a new goby species in the creeks of Taiwan and northern Luzon Island in the Philippines. Its unique swimming motion resembles the wing-flapping of a hummingbird, inspiring the name *Stiphodon chlorestes*. Assistant Professor Yu-Jia LIN from the Institute of Marine Ecology and Conservation discovered that the commercially valuable croaker fish (Family Sciaenidae) is highly



sensitive to temperature changes and could face higher risks of being depleted under projected global warming in the future. These findings were published in the SCI-indexed Journal *Estuarine, Coastal and Shelf Science*. Professor Shang-Yin Vanson LIU from the Department of Marine Biotechnology and Resources, in collaboration with Aletheia University and the Marine National Park Headquarters, found that the number of "newborn pups" of the endangered "sharptooth lemon shark" (*Negaprion acutidens*) remains fairly stable in its nursery grounds around the Dongsha Island, due to the facts that the juvenile sharks come from two unrelated breeding families. The research results were published in *Scientific Reports*.





創舉！臺灣科學家登上極星號破冰船 關鍵拼圖在中山

本校海洋科學系與國家海洋研究院合作撰寫航次計畫書，獲德國阿弗瑞德·韋格納研究所審查通過，由國海院科學家代表臺灣團隊登上國際知名的「極星號」破冰船，前往北冰洋海域進行海洋科學探險，刻劃臺灣海洋研究的全新里程碑，並成功登上各大媒體版面，引發關注。促成這項傑出成果的關鍵拼圖，源於本校海科系方盈智助理教授的一段特殊經歷，他曾於美國阿拉斯加大學與阿弗瑞德·偉格納研究所進行科研工作，三度登上北冰洋海域的破冰船，開啟臺灣海洋研究團隊深入北冰洋的契機。

量子計算元件整合二維材料登國際期刊

物理學系邱奎霖助理教授為教育部高教深耕「量子運算」潛力研究群主持人，其團隊長期關注量子材料於量子計算元件的應用，與中研院及清華大學合作，於國際知名物理期刊《物理評論應用》發表石墨烯超導量子電路與3D共振腔結合的研究成果，內容包括第一次於磁場調控的共振腔頻譜上看到了S-N-S約瑟夫森結獨有的夫朗和斐圖案，更將約瑟夫森結之對稱性與3D共振腔微波測量成功對應，顯示約瑟夫森結特性對量子位元的深刻影響。



Participation of Taiwanese scientists: NSYSU plays a pivotal role in establishing a significant milestone in Arctic research through an expedition aboard the icebreaker R/V Polarstern

The Department of Oceanography at NSYSU and the National Academy of Marine Research (NAMR) collaboratively submitted a cruise proposal for the central Arctic Ocean, and were successfully awarded a berth, after passing the rigorous review by Germany's Alfred Wegener Institute. A NAMR scientist represented the Taiwanese team to board the renowned icebreaker R/V Polarstern, participating in a multidisciplinary oceanographic expedition in the Arctic Ocean. This groundbreaking achievement marks a significant milestone in Taiwanese oceanographic research and garners considerable attention from mainstream media. The key to securing this participation in Arctic expedition lies in the unique experience of Assistant Professor Ying-Chih FANG, who conducted Arctic research at the University of Alaska Fairbanks and the Alfred Wegener Institute. Professor FANG participated in three major icebreaker cruises during his involvement with Arctic research projects, thereby opening the door for Taiwanese scientists to substantially contributing to the Arctic research community.

Integrating quantum computing devices with two-dimensional materials featured in leading physics journal

Assistant Professor Kuei-Lin CHIU from the Department of Physics, who leads the Ministry of Education's Higher Education SPROUT Project potential research group on quantum computing, has long focused on applying quantum materials to quantum computing devices. In collaboration with Academia Sinica and National Tsing Hua University, his team published research on the integration of graphene-based superconducting quantum circuits in a three-dimensional cavity in the internationally recognized journal *Physical Review Applied*. For the first time, the team observed the distinctive Fraunhofer pattern of S-N-S Josephson junctions in flux-modulated resonant cavity frequencies and successfully correlated the symmetry of the Josephson junctions with microwave measurements, revealing the profound impact of Josephson junction characteristics on qubit performance.

榮譽與獎項 113 學年度 (2024-2025)

中央研究院院士	陳鎮東
教育部國家講座	翁金輅
國科會傑出研究獎	溫朝凱
國科會吳大猷先生紀念獎	廖軒宏、邱政超
傑出講座	翁金輅、陳鎮東
中山講座	盧展南、高志明、楊弘敦
西灣講座	謝建台、林宗賢、劉景寬、郭紹偉、洪子聖、張鼎張
特聘教授（學術研究類）	陳寶蓮、李志鵬、張純端、黃國勝、林淵淙、吳慧芬、曾韋龍 范俊逸、洪慶章、莊雪華、李昆澤、廖德裕、邱兆民
特聘教授（產學研究類）	林根煌、黃義佑、邱永盛、洪勇智、林韋至
傑出教師（教學類）	吳孟謙、蔡佳芬
特聘年輕學者	李政賢、呂浩宇、陳旻男、許煜亮、羅景文、廖子嫻、謝旭昇 王復康、陳熾今、莊偉良、狄米契、王亮鈞
榮譽講座教授	尹世灼、王汎森、王寶貴、邱文彥、邱永芳、邱炎春、吳玉山 吳靜吉、李定國、洪茂蔚、邵廣昭、余明隆、彭旭明、莊英章 張華華、陳仲瑄、陳鎮東、郭宗杰、鄭建鴻、鄭英耀、程文俊 黃志青、黃進興、劉國平、蔡衛君、賴景昌、賓彼得、翁朝棟 周昌弘、周蓮香、金芳蓉、伍焜玉、Joni ADAMSON Ursula K. HEISE、Christian Serge KHARIF、西原寬

Honors and Awards (2024-2025)

Academician, Academia Sinica	Chen-Tung Arthur CHEN
National Chair Professor of the Ministry of Education	Kin Lu WONG
Outstanding Research Award, National Science and Technology Council	Chao-Kai WEN
Ta-You Wu Memorial Award, National Science and Technology Council	Hsuan-Hung LIAO, Cheng-chau CHIU
Outstanding Chair Professor	Kin-Lu WONG, Chen-Tung Arthur CHEN
Sun Yat-sen Chair Professor	Chan-Nan LU, Jimmy Chih-Ming KAO Hung-Duen YANG
Si Wan Chair Professor	Jentaie SHIEA, Tsung-Hsien LIN, Ching-Kuan LIU Shiao-Wei KUO, Tzyy-Sheng HORNG Ting-Chang CHANG
Distinguished Professor, Academic Research	Pao-Lien CHEN, Chih-Peng LI, Chun-Tuan CHANG Kao-Shing HWANG, Yuan-Chung LIN, Hui-Fen WU Wei-Lung TSENG, Chun-I FAN, Chin-Chang HUNG Hsueh-Hua CHUANG, Kun-Ze LEE, Te-Yu LIAO Chao-Min CHIU
Distinguished Professor, Industrial Research	Ken-Huang LIN, I-Yu HUANG, Linus Y. S. CHIU Yung-Jr HUNG, Wei-Chih LIN
Outstanding Faculty, Teaching	Meng-Chien WU, Chia-Fen TSAI
Distinguished Young Scholar	Cheng-Hsien LEE, Hau-Yu LIU, Min-Nan CHEN Yu-Liang HSU, Ching-Wen LUO, Zi-Xian LIAO Hsu-Sheng HSIEH, Fu-Kang WANG Yen-Chin CHEN, Wei-Liang CHUANG Dimitrios GIATAGANAS, Liang-Chun WANG
Emeritus Chair Professor	Shizhuo YIN, Fan-Sen WANG, Pao-Kuan WANG Wen-Yan CHIAU, Yung-Fang CHIU Iam-Choon KHOO, Yu-Shan WU, Jing-Jyi WU Ting-Kuo LEE, Mao-Wei HUNG, Kwang-Tsao SHAO Ming-Lung YU, Shie-Ming PENG, Ying-Chang CHUANG Hua-Hua CHANG, Chung-Hsuan CHEN Chen-Tung Arthur CHEN, Chung-Chieh Jay KUO Chien-Hong CHENG, Ying-Yao CHENG, Wen-Jin CHERNG Jacob Chih-Ching HUANG Chin-Shing HUANG, Kopin LIU, Wei-Jun CAI Ching-Chong LAI, Peter BRIMBLECOMBE Chao-Tung WONG, Chang-Hung CHOU Lien-Siang CHOU, Fan Rong K Chung GRAHAM Kenneth WU, Jean-Marc EGLY, Joni ADAMSON Ursula K. HEISE, Christian Serge KHARIF Hiroshi NISHIHARA



專業教育

Professional Education



本校推動全英語教學 10 年計畫，110 學年度獲教育部補助「大專校院學生雙語化學習計畫」重點培育學校，113 學年度更獲「全校型標竿計畫」肯定，目前大學部已有 50% 學系設立全英班或學位學程，理、工學院更達 100%。為建置全英語教學環境，規畫 English Table、English Club、一對一諮詢、寫作小班制課程等英語增能活動，並導入線上資源，成功協助 109 學生獲財團法人語言訓練測驗中心「培力英語能力檢定測驗」培力英檢菁英獎。此外為確保全英語學習的品質與成效，投入大規模雙語教學品質保證檢視分析，實施系級全英授課品質計畫，成果卓著，首屆全英語專班學生已於今年畢業，展現 4 年全英訓練奠定的厚實基礎。



NSYSU is actively working on the 10-year plan to promote EMI (English as a Medium of Instruction), approved by the Ministry of Education as a key university for bilingual campus under the "Bilingual Education for Students in College (BEST) Program" in the 2021-22 academic year, and again recognized in the 2024-25 academic year as one of the holistic benchmark universities. Currently, 50% of NSYSU departments offer EMI classes or degree programs for undergraduates, with the Colleges of Science and Engineering achieving full coverage (100%). To build an immersive English-learning environment, the University organizes several English enhancement activities such as the English Table, English Club, one-on-one consultations, and small-group English Writing Lab while integrating online resources. These initiatives successfully support 109 students in receiving the "BEST Test of English Proficiency" Outstanding Award from The Language Training & Testing Center (LTTC). To ensure the quality and effectiveness of EMI learning, NSYSU carries out extensive analysis on bilingual teaching quality, and department-level EMI quality assurance plans, which yield very positive results. This year, the first cohort of EMI program students completed their studies, demonstrating the solid foundation developed through four years of EMI training.



本校自 110 學年度獲教育部補助成立雙語教育資源中心，提供大專校院教師支持、課程品保制度建立、以及諮詢輔導等資源，帶動全國各夥伴學校成長。113 學年度辦理 EMI 師資培訓與教師社群活動，以精進教師全英授課技巧，共 41 場次計 1,034 人次參與。同時積極爭取外部資源涇注，與美國在台協會合作「英語教育專家計畫」、與學術交流基金會共同執行「EMI 英語授課專業支援團隊」計畫，並接待美名校 EMI 高教聯盟代表團交流參訪，舉辦增能工作坊、多元教師社群活動，以及師生對談，藉由國際資源的涇注，打造國際化雙語友善校園。

本校鼓勵教師積極申請教學創新計畫，111 至 114 年度教師申請通過教育部教學改進計畫共 35 件，總金額超過 4,800 萬元。107 至 114 年本校教師申請通過教育部教學實踐研究計畫達 236 件，平均通過率約 6 成，獲補助金額 7,472 萬元，其中 112 年度本校共 4 名教師獲選績優計畫；114 年持續擔任教育部指定之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，113 學年度舉辦 24 場次，共 767 人次參與。

With funding from the Ministry of Education since the 2021-22 academic year, the University established the Resource Center for Bilingual Education. The Center supports the faculty from universities and junior colleges by providing professional development resources, implementing quality assurance measures for courses, and offering consulting services, thereby fostering the growth of partner universities nationwide. In the 2024-25 academic year, the Center organized 41 EMI teacher training and teacher community activities to enhance EMI skills of teaching faculty, with a total of 1,034 participants. The University also actively sought out international resources by collaborating with the American Institute in Taiwan (AIT) and the Foundation for Scholarly Exchange (Fulbright Taiwan) to launch the "English Specialist Program" and the "EMI English Teaching Professional Support Team" program, respectively. In addition, the University hosted delegations from the EMI Higher Education Alliance of leading U.S. universities, organized EMI professional development workshops, held diverse teacher community events, and facilitated dialogues between faculty members and students. All the efforts above aim to achieve the goal of creating a global, diverse, and multilingual campus.

NSYSU actively supports faculty in applying for innovative teaching projects. In the past three years (2022-2025), NSYSU faculty were successfully granted 35 MOE Teaching Advancement Projects, with an aggregate of TWD 48 million. Moreover, NSYSU faculty were granted 236 MOE Teaching Practice Research Programs in the past seven years (2018-2025), with an average approval rate of around 60% and a total research fund of TWD 74.72 million. In addition, 4 faculty members were honored with the MOE's Outstanding Project Award in 2023. This year, NSYSU continues to serve as the designated southern regional base for the MOE Teaching Practice Research Program, aiming to strengthen regional alliances. NSYSU also facilitated interdisciplinary exchanges by inviting experts and professionals from across disciplines and conducted 24 faculty professional development workshops in 2024, attracting 767 participants.



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 113 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、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 suburban education," "supporting disadvantaged students," and "selecting and nurturing talent according to individual aptitude." From 2017 to 2024 academic years, NSYSU received support from the MOE's "University Admission Professionalization Development Program" to establish departmental admission review standards, develop evaluation rubrics of off-line applications, and streamline the review process to recruit students suited to the University. In response to new high school curriculums, NSYSU worked with the Kaohsiung Regional Advisory Group for Compulsory Education of Kaohsiung City Education Bureau and arranged university professors to visit high school classrooms, thereby fostering dialogues, enhancing their understanding of changes in actual teaching, and fulfilling the University's social responsibility through strong partnerships with local high schools. Besides, the University also established strategic partnerships with feeder high schools and maintained close cooperation with over 40 allied high schools both domestically and internationally. A wide range of activities, including department promotion sessions, mock interview workshops, campus visits, science immersion camps, and the Open House event were organized to showcase the University's solid teaching foundation and research strengths, while enhancing students' awareness and recognition of its diverse resources and high-quality learning environment.



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。114 學年度繁星推薦和本校特有弱勢優先的南星計畫規劃招生名額達學士班新生總額 24%，在全國頂尖大學中名列前茅；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 113 學年度累積輔導 6,111 人次。



NSYSU is committed to social justice and equality in higher education of Taiwan. In the 2025-26 academic year, 24% of incoming freshmen were admitted through the MOE's Stars Program and NSYSU's Southern Star Program which prioritizes admissions for disadvantaged students. This percentage ranks NSYSU at the top of all research universities in Taiwan, demonstrating its commitment to serving minority and

disadvantaged students. 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 2024-25 academic years, 6,111 students have benefited from these resources.



培育高科技人才 新設 IC 設計研究所

113 學年度正式成立「積體電路設計研究所」，聚焦發展積體電路設計，強調國際化教學與研究，重點研究領域包含水下科技應用晶片、綠能系統整合晶片設計、人工智慧及加密技術積體電路設計等，課程以全英語授課，畢業生主要就業方向為半導體及 IC 設計產業。



Establishing a new Institute of Integrated Circuit Design to cultivate high-tech talent

In the 2024-25 academic year, NSYSU officially established the Institute of Integrated Circuit Design, focusing on developing integrated circuit design with an emphasis on internationalized teaching and research. Key research areas include chips for underwater technology applications, chip design for green energy system integration, and integrated circuits for artificial intelligence and encryption technologies. All courses are conducted in English, and graduates are expected to pursue careers primarily in the semiconductor and IC design industries.





培育科技護理人才 高屏首間國立大學護理系揭牌

身為高屏澎東唯一具醫學院的國立綜合型大學，本校成立護理學系，教學特色包括以核心能力為基底、結合跨領域實作課程打造新世代護理大學教育；藉多元模式及國際交換課程，使課程與國際護理教育與發展趨勢接軌；結合 AR & VR 模擬臨床照護，打造創新科技應用並設計跨領域實作課程，並媒合社會科學院與管理學院及在地企業，推動多項社區關懷活動，以提供護理學系學生學習地方創生、健康促進及人文關懷。

Cultivating scientific and technological nursing talents, the first Department of Nursing of a national university in the Kaohsiung-Pingtung region unveiled

As the only comprehensive national university with a College of Medicine in the Kaohsiung-Pingtung-Penghu-Taitung region, NSYSU establishes the Department of Nursing. Its teaching features include creating a new generation of nursing university education based on core capabilities and combining interdisciplinary practical courses, using multiple models and international exchange courses to align the curriculum with international nursing education and development trends, and combining AR & VR simulated clinical care to apply innovative technology and design interdisciplinary practical courses. The Department also collaborates with the College of Social Sciences, the College of Management and local enterprises to promote several activities for community care, providing its students with the opportunity to learn local revitalization, health promotion, and humanistic care.



助攻培育國際運動人才 聘任「臺灣桌球教父」莊智淵

為延攬優秀體育師資、展望運動人才的長遠發展，本校聘任「臺灣桌球教父」莊智淵擔任副教授一職，除了體育課程也將指導桌球校隊，提供競技上的引導，並帶領學生理解「菁英運動員」如何在國際舞臺上發揮綜合實力，延伸職涯價值與社會影響力，象徵著高等教育與卓越選手之間的融合，共同培育世界級運動人才。



Appointing "godfather of Taiwan table tennis" Chih-yuan CHUANG to support the cultivation of international sports talent

To recruit outstanding faculty in sports education and foster the long-term development of athletic talent, NSYSU appoints Chih-yuan CHUANG, the "godfather of Taiwan table tennis," as an associate professor. Beyond teaching physical education courses, CHUANG will also coach the NSYSU table tennis team, offering professional athletic guidance in competition while inspiring students to understand how elite athletes leverage their comprehensive capabilities on the international stage and extend their career value and social influence. His appointment symbolizes the integration of higher education with top athletes, and joint cultivation for world-class sports talent.





共培國際海洋人才 結盟海生館深化教研資源

為深化臺灣海洋科學教育能量，推動永續藍色經濟發展，本校與國立海洋生物博物館再度締約，正式簽署全新合作協議。包括雙方師資互聘、學生研究平臺共享，本校海洋科學學院學生可直接至海生館修課、進行研究實驗，運用海生館先進的核心實驗設施與研究場域，並接受來自產官學界的跨界指導。期能厚植學生科研與實務兼備的專業能力，為臺灣培育具創新潛力、實務應用及永續視野的國際級海洋人才。



Partnering with the National Museum of Marine Biology and Aquarium to cultivate international marine talent

To strengthen Taiwan's marine science education capacity and advance the sustainable blue economy development, NSYSU renews its partnership with the National Museum of Marine Biology and Aquarium (NMMBA) and signs a new cooperation agreement. The collaboration includes joint faculty appointments and shared student research platforms. Students from the College of Marine Sciences of the University can take courses and conduct experiments at NMMBA, utilizing its advanced core facilities and research sites while receiving interdisciplinary guidance from industry, government, and academia. This partnership aims to strengthen students' professional skills in both research and practical application, cultivating international marine talent for Taiwan with innovative potential, practical expertise, and a sustainable vision.



深入原民文化 國際原民專班成立

為培育具備跨領域專業知識與國際視野的原住民族人才，西灣學院 114 學年度正式成立「國際跨域學士學位學程原住民族專班」。大學社會責任實踐計畫「作為 NATIVE 博物館的霧臺」長期關注原民文化，結合跨領域課程連結日本千葉大學，臺日師生進入屏東縣霧臺鄉深度學習魯凱族的知識文化，參與魯凱族最重要的年度祭典「收穫祭（Tangidrakakalane）」。

「魯凱族知識研究中心」團隊與霧臺鄉魯凱族人合作，於小米收成季節舉辦魯凱族傳統活動「小米負重」（魯凱族稱此項農事活動為 Papwabalriyu，意指「協助將小米從農地搬回栽培者家」，以及 Twatinatina，意指「負重競賽」）傳承民族智慧與團結精神。



Launching an International Indigenous Interdisciplinary Program to immerse students in native cultures

To cultivate indigenous talent with cross-disciplinary expertise and global perspectives, NSYSU's Si Wan College launched the International Indigenous Interdisciplinary Program in the 2025-

26 academic year. "Wutai as a NATIVE Museum" under University Social Responsibility (USR) Project has a longstanding focus on indigenous culture, and it collaborated with Chiba University in Japan to offer interdisciplinary courses, in which faculty and students of both universities engaged in immersive learning of the Rukai people's knowledge and

traditions in Wutai Township of Pingtung County, and participated in the Rukai's most important annual festival, Tangidrakakalane (Harvest Festival). The team of Rukai Knowledge Research Center, in collaboration with the Rukai people of Wutai Township, organized the traditional Rukai event "Millet Carrying" during the millet harvest season. This agricultural activity, known in the Rukai language as Papwabalriyu (meaning "to help carry millet from the fields back to the grower's home") and Twatinatina (meaning "carrying competition"), aims to pass down the wisdom and spirit of unity of the Rukai people.





NSYSU School of Banking and Finance partnering with Bank of Kaohsiung to nurture talent and hosting an international forum on the future of Taiwan's asset management

Starting from the 2026-27 academic year, NSYSU's School of Banking and Finance (SBF) will embark on a long-term partnership with the Bank of Kaohsiung, which will donate TWD 2 million annually to support advanced financial education and

recommend outstanding employees for further studies at SBF. This industry-academia collaboration aims to cultivate financial professionals with both global perspectives and practical expertise. SBF also hosted the forum, "Taiwan's Emerging Role in Asia's Asset Management: Policies and

Talent Development for a New Financial Era," where domestic and international political and business leaders and financial industry representatives gathered to discuss policy planning and talent development strategies. Distinguished attendees included TSAI Ing-wen (former President of

Taiwan), Sir Gavin WILLIAMSON (UK member of parliament and former Secretary of State for Education and Defence), and Joseph Jye-Cherng Lyu (Chairman of the Chinese International Economic Cooperation Association). SBF's students also demonstrated their global vision and practical skills developed through the NSYSU EMI program.

國金學院攜高銀產學育才 高峰論壇共議臺灣資產管理未來

國際金融研究學院與高雄銀行將自 115 年度起展開長期深度合作，高雄銀行每年捐贈 200 萬元支持金融高等教育，並推薦優秀行員進修就讀，產學合作培育兼具國際視野與實務能力的金融專業人才。此外舉辦「台灣金融新紀元：亞洲資產管理中心政策與菁英養成」高峰論壇，匯聚國內外政經領袖與金融產業代表，聚焦亞洲資產管理中心的政策規劃與人才培育策略；蔡英文前總統、英國國會 Sir Gavin Williamson 議員暨前教育部與國防部部長，及國際經濟合作協會呂桔誠理事長皆出席參與，學生也一展全英教學體系下新世代金融人才的國際視野與實作能力。





半導體學院首辦未來科技論壇 與企業聯合參展 IEEE MEMS

半導體及重點科技研究學院攜手國家實驗研究院國家儀器科技研究中心，首度舉辦「半導體未來科技論壇」，聚焦五大新興科技領域，開啟未來長期合作新契機。此外更聯合7家合作企業參展微機電系統領域國際研討會，推動產學合作新模式及國際交流。大師講座邀請環境部薛富盛首任部長、經濟部李世光前部長、中研院社會學研究所張晉芬研究員、元大證券投資顧問公司吳杰副董事長、國立中興大學行銷系吳明敏名譽教授、中研院吳詩聰院士、國際半導體產業協會曹世綸全球行銷長暨臺灣區總裁、國家實驗研究院蔡宏營院長等蒞校分享。



The College of Semiconductor and Advanced Technology Research hosting the first future technology forum and co-exhibiting with industry partners at the IEEE MEMS

The College of Semiconductor and Advanced Technology Research, in partnership with the National Center for Instrumentation Research of the National Institutes of Applied Research, hosted the inaugural "Future Technology Forum for Semiconductors," spotlighting five emerging technology areas and fostering long-term collaboration. Additionally, the College collaborated with seven industry partners to showcase advancements at the IEEE Microelectromechanical Systems (MEMS) international conference, promoting a new model for industry-academia cooperation and global exchange. The College also organized the Master Seminar series, featuring distinguished speakers, including Fuh-Sheng SHIEU (inaugural Minister of the Ministry of Environment), Chih-Kung LEE (former Minister of Economic Affairs), Chin-Fen CHANG (Research Fellow at Academia Sinica's Institute of Sociology), Chieh WU (Vice Chairman of Yuanta Securities Investment Consulting Co., Ltd.), Ming-Ming WU (Professor Emeritus of the Department of Marketing at National Chung Hsing University), Shin-Tson WU (Academician of Academia Sinica), Terry TSAO (Global Chief Marketing Officer and President of Taiwan at SEMI), and Hung-Yin TSAI (President of the National Institutes of Applied Research).



深化拓展國際合作

醫學院攜手日、越、菲共促醫學教研

醫學院積極拓展國際合作，陸續與多國知名醫學院校建立夥伴關係，包括與泰國瑪希敦大學、菲律賓亞洲三一大學、菲律賓 Far Eastern University-Dr. Nicanor Reyes Medical Foundation (FEU-NRMF) 簽署合作備忘錄，並推動代謝異常脂肪肝卓越研究中心合作，以及與越南胡志明市醫藥大學洽談學術合作。



Expanding international cooperation: the College of Medicine partners with Japan, Vietnam, and the Philippines to advance medical education and research

The College of Medicine is actively expanding its international collaborations, forging partnerships with renowned medical institutions worldwide. Agreements include a memorandum of understanding with Mahidol University in Thailand, Trinity University of Asia in the Philippines, and the Far Eastern University-Dr. Nicanor Reyes Medical Foundation (FEU-NRMF), respectively, alongside collaboration with the Center of Excellence for Metabolic Associated Fatty Liver Disease and ongoing discussions with the University of Medicine and Pharmacy at Ho Chi Minh City in Vietnam for academic cooperation.

雙語跨域學習

工學院專題競賽聚焦永續未來

工學院第七屆「聯合專題競賽與展示」參賽作品來自 6 校 16 系所學程共 137 組，夥伴學校包括國立高雄大學、國立高雄科技大學、高雄醫學大學、國立成功大學、正修科技大學。本屆共 50 組專題隊伍以英語參賽，超過活動總組數的三分之一；其中多數專題作品以永續發展議題作為專題探究主軸，將環境危機與風險化為轉機與商機。聯合專題競賽 7 年來累計競賽組數近千組，增益學生跨校交流經驗，透過觀摩學習、互相切磋，激發斜槓潛能與多元創意。



Showcasing bilingual and cross-disciplinary projects with the focus on a sustainable future: the College of Engineering holds the All-Topic Competition and Exhibition

The 7th annual "All-Topic Competition and Exhibition" organized by the College of Engineering featured 137 project teams from 16 departments, institutes, and degree programs across six partner universities, including National University of Kaohsiung, National Kaohsiung University of Science and Technology, Kaohsiung Medical University, National Cheng Kung University, and Cheng Shiu University. This year, 50 teams, over one-third of the total, competed in English. Many projects focused on sustainability, transforming environmental crises and risks into opportunities and business prospects. Over the past seven years, the competition brought together nearly 1,000 teams, enriching students' inter-university exchange experiences and inspiring cross-disciplinary potential and creativity through observation, collaboration, and peer learning.



精進突破追求卓越 管院屢獲國際評鑑殊榮

管理學院持續精進教研實力、國際化與社會影響力，率先全臺成功通過 AACSB 國際商管學院促進協會第 4 次再認證；企業管理學系 3 博士班則通過 EDAMBA 評鑑，為臺灣第一所申請通過的院校。EMBA 於 2024 年《金融時報》世界百大高階經營管理碩士全球排行榜名列第 87 名，蟬聯全臺唯一入榜殊榮；參加全國 EMBA 個案邀請賽締造五連霸佳績，於「挑戰盃」及「商管盃管理個案組」中斬獲雙冠，APEMBA 則拿下「創新服務商業模式個案組」企業創新獎。



Striving for excellence through continuous improvement: the College of Management receives repeated international accreditations and global recognition

The College of Management continues to enhance its teaching, research, internationalization, and social impact, and has become the first in Taiwan to achieve four consecutive reaccreditations from the Association to Advance Collegiate Schools of Business (AACSB). Its three doctoral programs in the Department of Business Management are also the first in Taiwan to earn an accreditation from the European Doctoral Programmes Association in Management and Business Administration (EDAMBA). The EMBA program was ranked 87th in the Top 100 Executive MBA 2024 Ranking by the *Financial Times*, remaining the only program in Taiwan to make the list. It also secured five consecutive national championships in the National EMBA Case Competition, winning both the "Challenge Cup" and the "Business and Management Case Group." Additionally, the Asia-Pacific EMBA (APEMBA) received the Enterprise Innovation Award in the "Innovative Service Business Model Case Group."





人資實證案例出版 策略人資中心助力學生拓展 國際視野

策略與人力資本研究中心出版《顛覆人力資源管理》，收錄 33 篇對照研究實證與管理實務的案例，展現人資管理的實證基礎。中心師生參加第 12 屆全球頂尖家族企業個案競賽，探討家族企業在永續經營、接班管理等核心議題上的挑戰，並提出創新的解決方案。參賽學生從 24 支隊伍中脫穎而出，展現卓越專業分析能力與團隊合作精神，其中人力資源管理研究所博士生賴彥竹憑藉其出色表現再次榮獲「最佳辯士獎」。

The Center for Strategy and Human Capital Research publishing an HR case study book and helping students expand their international perspectives

The Center for Strategy and Human Capital Research published *Flipping HR Management: Bedtime Stories Every Manager Needs*, a collection of 33 cases that align empirical research with management practice, demonstrating the evidence-based foundation of HRM. Faculty and students from the Center participated in the 12th Schlesinger Global Family Enterprise Case Competition, addressing challenges faced by family businesses in sustainability and succession management, and proposing innovative solutions. NSYSU students stood out among 24 teams, showcasing exceptional analytical skills and teamwork. Yen-Chu LAI, a Ph.D. student from the Institute of Human Resource Management, won the "Best Presenter Award" once again for her outstanding performance.



培育國際人才 跨國薦送打造見習新模式

為培育國際視野，本校跨國薦送學生打造實作見習新模式。藝術管理與創業研究所協力亞洲文化推展聯盟執行國際年會，推選2名研究生參與籌辦工作進行國際實習，培育兼具科技視野的藝術管理人才，也開展產學合作新模式。本校攜手日本九州熊本縣津奈木町公所及企業，選送5名大學社會責任實踐計畫課程優異學生前往日本參與實習，與當地居民共同完成年度大型裝置藝術作品；學生團隊也針對當地資源特色，提出結合文藝與生態的地方活化創新提案。



Cultivating global talent through cross-border selection and creating an innovative internship model

To cultivate international perspectives, NSYSU introduces an innovative internship model through cross-border student selections. The Graduate Institute of Arts Management and Entrepreneurship, in collaboration with the Federation for Asian Cultural Promotion (FACP), organized an international conference and recommended two graduate students to join the organizing team for hands-on international internships; it fosters not only arts management talent with technological foresight, but also paves the way for a new industry-academic collaboration model. In partnership with the Tsunagi Town Hall in Kumamoto Prefecture, Kyushu, and local enterprises, NSYSU also sent five outstanding students from the courses under University Social Responsibility (USR) Project to Japan for internships, where they collaborated with local residents to complete a large-scale annual installation art project. The student team further proposed innovative revitalization plans that integrated arts with ecology based on the features of local resource.



從氣膠科學談內在永續 舉辦 IDG 國際論壇、臺 法行動藝術週

氣膠科學研究中心舉辦「國際 IDG 論壇：從氣膠科學看地球永續的挑戰與願景」，突破傳統思維框架限制，重新思考人與環境的緊密關聯。也攜手空表演實驗場規劃舉辦「RUBATO！— 被偷走的感知與時間：IDG 臺法行動藝術週」，結合藝術與科學、包容多元及弱勢族群，以行動藝術探索感知與時間，共同探討「異身體」進入多重時間與宇宙的奧秘。並與多個社群團體透過科學講座、原住民傳統舞蹈、手作體驗、歌謠吟唱及感官探索等多元活動，以積極行動守護地球生態永續。



Exploring inner sustainability through aerosol science: NSYSU hosts the International IDG Forum and Taiwan- France Action Arts Week

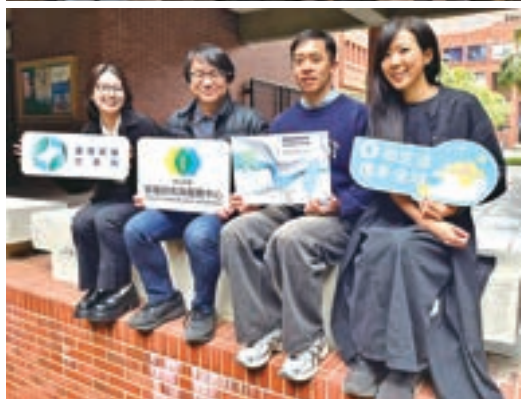
The Aerosol Science Research Center (ASRC) hosted the "International IDG Forum: from Aerosol Sciences toward a Sustainable Earth," breaking free from traditional thinking frameworks to manifest the close connectedness between humans and the ecological environment. In collaboration with Kong Performance experimental field, the Center



also organized "RUBATO! – the Stolen Perceptions and Time: IDG Taiwan-France Action Arts Week," integrating art and science, embracing diversity and disadvantaged communities, and exploring perception and time through performance art. The event delved into the mysteries of "Different Bodies" entering multiple temporal

and cosmic dimensions. Together with various community groups, ASRC offered a diverse range of activities, including science lectures, indigenous traditional dances, handicraft workshops, folk singing, and sensory explorations, taking proactive steps to protect the Earth's ecological sustainability.





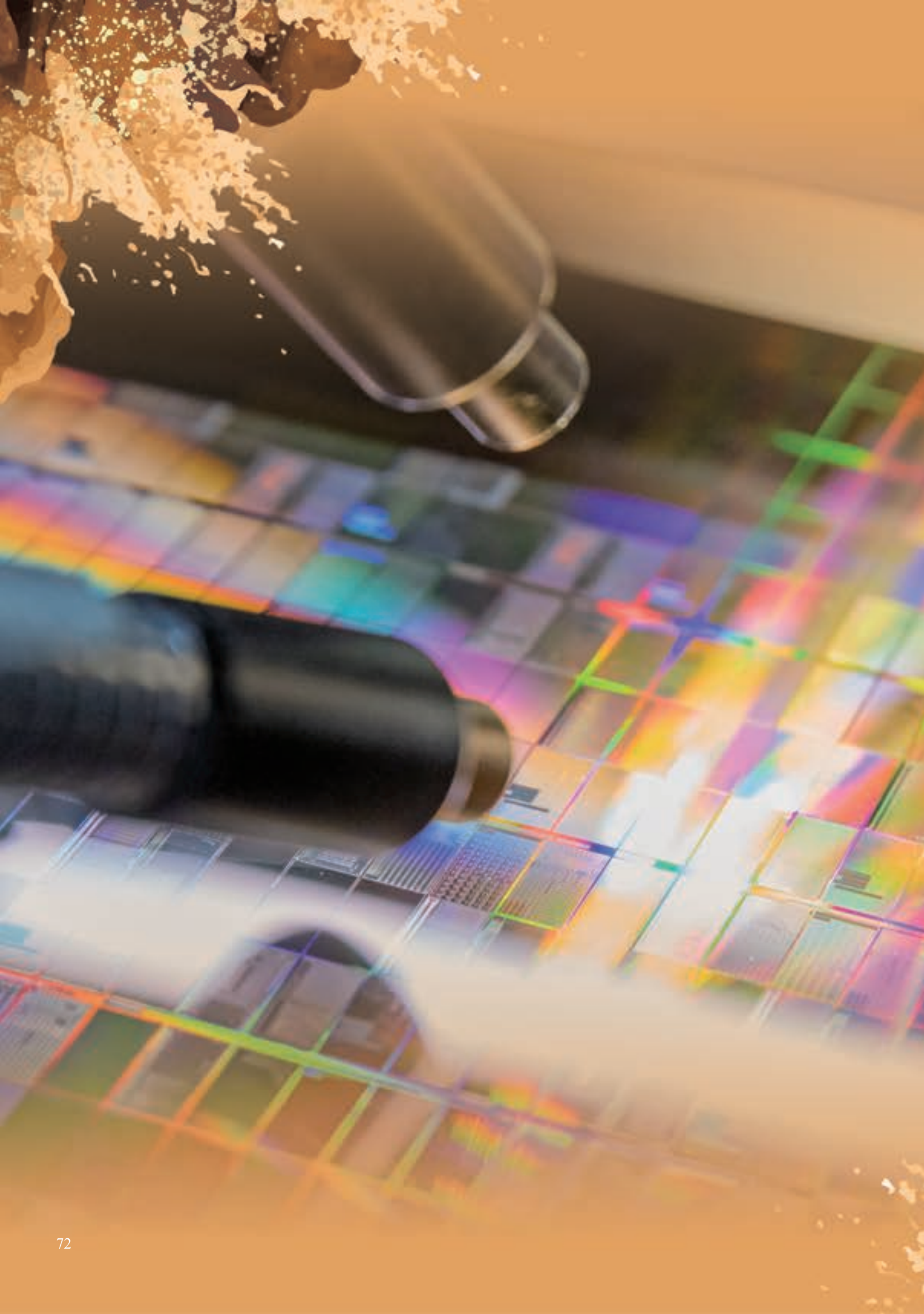
產官學共議碳市場 碳權中心推綠領人才及淨零知識流通

碳權研究與服務中心發布《自願性碳權市場年度觀察報告：2024 年度》，推動碳權市場知識的流通，鼓勵更多業者或非營利組織加入自願性碳權市場，投注企業資金助力溫室氣體減排。中心也與臺灣碳權交易所、臺灣證券交易所免費開設「淨零碳規劃管理概論」系列課程，培育國家及產業亟需之淨零碳規劃管理人才；此外並合作舉辦多場講座、研討會，聚焦碳交易、碳市場、國際制度、自然碳匯等，產官學研齊聚一堂熱議交流。

CCRS fostering green-collar talent and net-zero knowledge sharing through industry-government-academia collaboration on carbon markets

The Center for Carbon Research and Solutions (CCRS) released the *Voluntary Carbon Market Observation Report: 2024 Annual Review*, aiming to advance the circulation of carbon market knowledge and encourage wider participation from businesses and non-profit organizations in the voluntary carbon market, mobilizing corporate resources toward greenhouse gas reduction and the global net-zero goal. In partnership with Taiwan Carbon Solution Exchange and Taiwan Stock Exchange, CCRS also launched a free course series on "Introduction to Net Zero and Carbon Management" to cultivate much-needed professionals for national and industrial net-zero transitions. Furthermore, CCRS also co-hosted multiple lectures and symposia on topics including carbon trading, carbon markets, international frameworks, and nature-based carbon removals, creating a platform where stakeholders from industry, government, academia, and research can gather for robust dialogue and knowledge exchange.







創新產學

Innovative Industry-Academia
Collaborations

本校以「南臺灣產業革新發動機」為核心目標，鏈結學術研究與產業經濟的推動，提供產業及地方創新元素，觸動產業翻轉革新；同時加速教學及技術能量的擴散，開拓多元收益及加值產研連結效益。

113 年產學績效卓著，產學合作計畫經費逾 11 億 466 萬元，創下建校以來的歷史新高，技術移轉授權金額逾 6,560 萬元，推廣教育收入逾 5,955 萬元。截至 114 年 6 月 30 日，產學績效持續表現亮眼，產學合作計畫經費已達 6 億 5,922 萬元，並積極爭取外加先期技轉金，提升校內技術與產業連結，增進市場競爭力，創造媒合廠商及教師技術的機會。

本校擔任南臺灣科研產業化平臺主導學校，攜手國立高雄大學、國立屏東科技大學、高雄醫學大學、義守大學等夥伴學校，共同聚焦「半導體」、「綠能減碳」及「生技醫療」等前瞻領域。114 年度新增文藻外語大學、樹德科技大學、國立臺東大學、國立高雄師範大學與國立高雄餐旅大學 5 校，進一步強化跨域協作陣容與區域創新動能。自 106 年至 114 年，平臺已連續 9 年獲國科會補助，累計金額逾 2.1 億元。未來將持續透過平臺辦公室運作與產業鏈結，加速科研成果商品化，積極拓展國際合作，深化南臺灣科研產業化發展藍圖。

本校教師之研發成果成功移轉至業界，加速產業升級轉型。配合政府潛艦國造政策，海下科技研究所邱永盛教授團隊研發「聲納換能器設計及原型製作技術」，於 114 年 1 月與洄音股份有限公司簽署 189 萬元非專屬技術移轉授權合約，為我國軍工體系技術升級，減少研發時間成本。



NSYSU sets a core objective to become a driving force for industry innovation in southern Taiwan, integrating academic research into the industrial economy by propelling industrial and local innovation to trigger industry reforms. NSYSU also accelerates the expansion of educational and technological capacity, brings in diversified income, and increases the value of collaboration between industry and academia.

In 2024, NSYSU achieved outstanding results in industry-academia collaboration with a total fund exceeding TWD 1,104,660,000, making a historic high since the founding of NSYSU. Technology transfer authorization and continuing education brought in revenues of over TWD 65,600,000 and TWD 59,550,000, respectively. Up to June 30, 2025, the result of industry-academia collaboration has been remarkable, with its fund reaching TWD 659,220,000. Besides, NSYSU actively strives for additional early-stage technology transfer funds, and strengthens the connection of the University's technology with industry to enhance their market competitiveness and create opportunities for the technology coupling between corporations and faculty.

NSYSU leads the Southern Taiwan Global Research & Industry Alliance by integrating the partner capacity of NUK, NPUST, KMU, and ISU to focus on 3 foresighted fields of "semiconductors, green energy & carbon reduction, and biotech medical care." In 2025, five universities join the Alliance to collectively strengthen cross-disciplinary collaboration and regional innovation capacity, including Wenzao Ursuline University of Languages, Shu-Te University, National Taitung University, National Kaohsiung Normal University, and National Kaohsiung University of Hospitality and Tourism. From 2017 to 2025, the Alliance has successfully obtained more than TWD 210,000,000 in subsidies from NSTC for 9 consecutive years. Looking ahead, the University will leverage the platform and industrial partnerships to effectively translate research outcomes into market applications, proactively expand international cooperation, and advance research development in Southern Taiwan.

Faculty research achievements at the University have been successfully transferred to industry, accelerating industrial upgrading and transformation. In alignment with the government's indigenous submarine program, Professor Linus Yung-Sheng CHIU and his team from the Institute of Undersea Technology developed "Sonar Transducer Design and Prototype Fabrication Technology." In January 2025, the team signed a non-exclusive technology transfer agreement worth TWD 1,890,000 with EchoingOcean Co., Ltd., contributing to the technological advancement of Taiwan's defense industry while reducing research and development time and costs.

5 年投資 8 億元 大南方半導體聯合實驗室啟用

半導體及重點科技研究學院積極爭取國科會半導體學院重點設備建置計畫與國發基金的資金補助，以及合作企業日月光半導體公司的設備捐贈，籌措 3 年，於 2025 年 5 月正式啟用中山半導體聯合實驗室，預計 5 年內籌資 8 億元建置相關研發與人培基地，以封測為核心，鏈結半導體製造、量測及材料分析三大發展特色，建立教學研究技術平台、設置 7 間特色實驗室。未來將透過國研院半導體研究中心預約系統，提供全國產學研各界平均每年 3,300 人次以上的研發與委託代工服務需求，對於臺灣半導體製造、封測與電子零組件等相關產業持續領先國際及高雄城市發展有長遠助益。



Launching the Greater Southern Joint Lab for Semiconductor Technology with a TWD 800 million investment over five years

The College of Semiconductor and Advanced Technology Research at NSYSU officially launched the Joint Lab for Semiconductor Technology (JST) in May 2025, after three years of preparation. The initiative is supported by funding from the National Science and Technology Council's Key Semiconductor Equipment Establishment Plan, the National Development Fund, and equipment donations from industry partner ASE Technology Holding Co., Ltd. Over the next five years, a TWD 800 million investment will be allocated to establish research and talent development hubs. Focused on advanced packaging and testing, the JST will integrate three core areas: semiconductor fabrication, metrology, and materials analysis. It will create a robust teaching and research platform, including seven specialized laboratories. Through the Taiwan Semiconductor Research Institute's reservation system, the facility is expected to provide over 3,300 annual R&D and contract service opportunities for academia and industry across Taiwan. This initiative aims to reinforce Taiwan's global leadership in semiconductor fabrication, packaging, testing, and electronic component industries while promoting long-term growth in Kaohsiung.



助攻半導體升級 南部 IC 設計產業推動基地揭牌

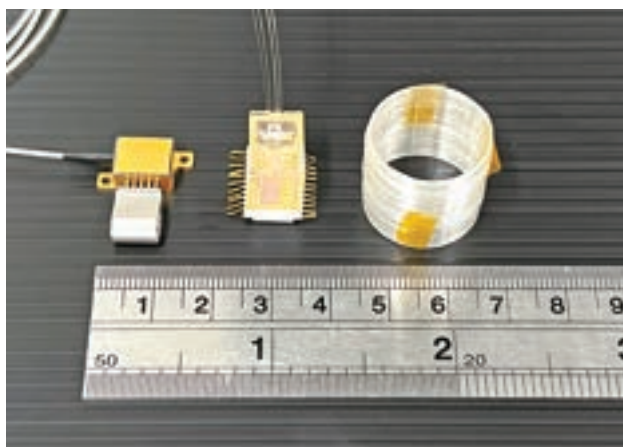
為持續引領臺灣半導體產業成長，本校南區促進產業發展研究中心攜手經濟部產業發展署於高雄軟體園區設立「經濟部產業發展署南部晶片設計產業推動基地」，以晶片設計為核心，招募晶片設計企業落地高雄；同時串接企業成長所需資源夥伴，對接在地 5G、AIoT 終端應用與場域，藉此協助在地產業轉型、加值，有效健全南部半導體產業鏈，擴大晶片設計領域之成長。



Inaugurating the Southern Taiwan IC Design Industry Promotion Hub to boost semiconductor upgrading

To further drive the growth of Taiwan's semiconductor industry, NSYSU's Southern Taiwan Industry Promotion Center partners with the Industrial Development Administration of the Ministry of Economic Affairs to establish the "Southern Taiwan IC Design Industry Promotion Hub of Industrial Development Administration of the Ministry of Economic Affairs" at the Kaohsiung Software Park. Centered on chip design, the hub aims to attract IC design firms to establish operations in Kaohsiung, while facilitating connections with essential growth partners and local 5G and AIoT application ecosystems. This initiative supports industrial transformation, adds value, strengthens the southern semiconductor supply chain, and expands the chip design sector's development.





獨創微型光纖陀螺儀 洪勇智國家發明獎奪金

導航用光纖陀螺儀尺寸與成本大進化！光電工程學系洪勇智特聘教授率研究團隊獨創「矽光子積體電路及光纖陀螺儀裝置」技術，整合多項光電元件於單一矽晶片中，體積較一顆綠豆還小，製造成本大幅降至五分之一，全面提升微型光纖陀螺儀應用潛力。其傑出的產學研究表現榮獲經濟部

「國家發明獎」

金牌肯定，
為學術界唯一獲獎者。



Yung-Jr HUNG winning the gold medal of National Invention and Creation Award for inventing the miniaturized fiber optic gyroscope

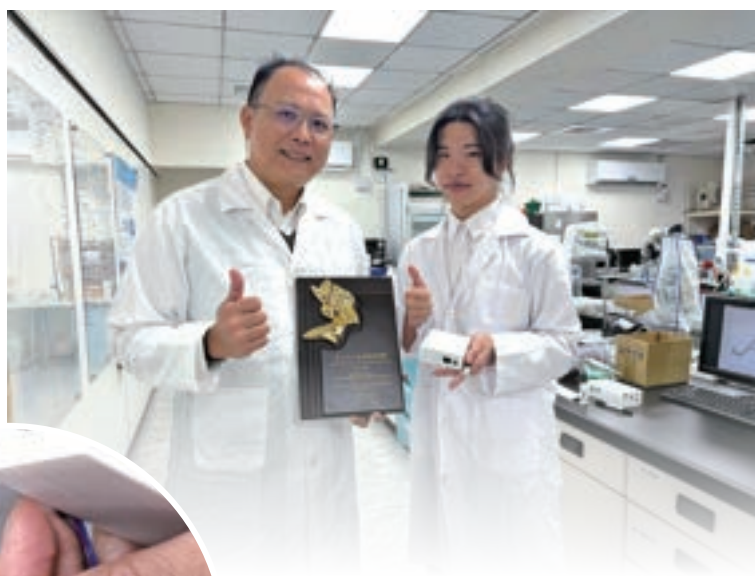
Fiber optic gyroscopes used for navigation have undergone a revolutionary leap in size and cost. Distinguished Professor Yung-Jr HUNG of the Department of Photonics led a research team in developing a groundbreaking "Silicon photonics integrated circuit and fiber optic gyroscope apparatus." The technology integrates multiple photonic components into a single silicon chip smaller than a mung bean, reducing manufacturing costs to just one-fifth of the traditional amount. The innovation significantly enhances the application potential of the miniaturized fiber optic gyroscope.

Dr. HUNG received the gold medal of National Invention and Creation Award from the Ministry of Economic Affairs in recognition of his outstanding contributions to academia-industry collaboration, the only recipient in the academic circle.



1 分鐘快篩提升牛乳產值 莊承鑫研發獲國家新創獎

醫學科技研究所莊承鑫教授團隊與國家衛生研究院合作研發「可攜式肌酸酐檢測儀」，1 分鐘即可檢測泌牛肌肉量，具高特異性、穩定性、可攜式、製作成本低等優勢，藉由精準管理提升牛乳產量與品質，有望為臺灣酪農拓展 41 億元商機。成果並榮獲第 21 屆「國家新創獎」學研新創獎肯定，未來更將目標鎖定肌少症族群的健康預防。



One-minute rapid test boosting dairy production: Cheng-Hsin CHUANG wins National Innovation Award

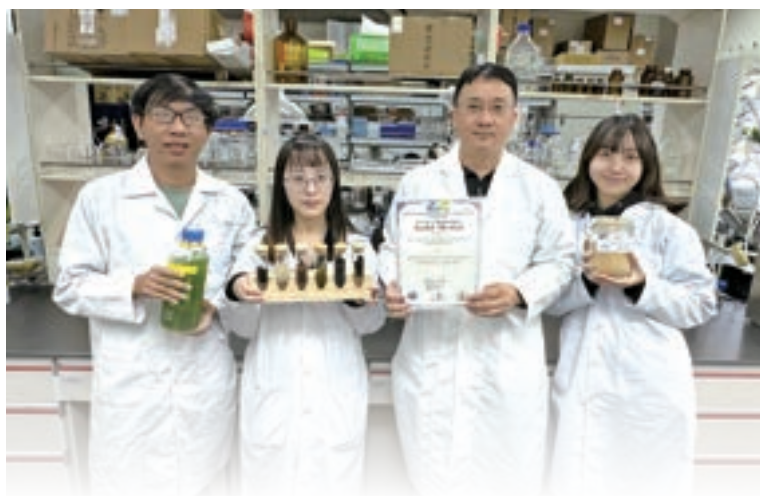
Professor Cheng-Hsin CHUANG from the Institute of Medical Science and Technology, in collaboration with the National Health Research Institutes, has developed a "portable creatinine analyzer" that can measure muscle mass in lactating bovines within just one minute. The device offers high specificity, stability, portability, and cost-effectiveness, enabling precise management to enhance both milk yield and quality, potentially expanding a TWD 4.1 billion business opportunity for Taiwan's dairy industry. This achievement has been recognized with the "21st National

Innovation Award" in the academic-research innovation category. In the future, the collaborated team will aim to focus on health prevention for individuals suffering from sarcopenia.



微藻、農廢變身環保減碳塑膠 張耿峻獲國際發明金獎

環境工程研究所張耿峻教授長期致力於研發環保減塑技術、農廢再利用及轉化二氧化碳，獲頒第 20 屆國際傑出發明家獎。他帶領團隊以海洋微藻與農業廢棄物研發環保減碳生物塑膠，優化製程後能在 8 分鐘內萃取微藻蛋白質，並利用廢棄香蕉假莖增加生物塑膠薄膜的延展強度與伸長率，展現了卓越的應用效能。此創新技術可促進永續循環經濟，也為農業創造新的附加價值，成果獲第 15 屆 IIIC 國際創新發明競賽金獎。



Microalgae and agricultural waste transformed into eco-friendly carbon-reducing plastic: Ken-Lin CHANG wins international invention gold medal

Professor Ken-Lin CHANG from the Institute of Environmental Engineering was honored with the 20th International Inventor Prize for his long-term dedication to developing eco-friendly plastic-reduction technologies, agricultural waste reutilization, and CO₂ conversion technologies. He led a research team to develop eco-friendly, carbon-reducing bioplastics using marine microalgae and agricultural waste. After optimizing the process, they were able to extract microalgae protein within 8 minutes and utilized discarded banana pseudo-stems to enhance the tensile strength and elongation of bioplastic films, demonstrating outstanding performance in applications. This innovative technology contributes to a sustainable circular economy and creates new added value for the agricultural industry. The achievement was awarded the Gold Medal at the 15th IIIC International Innovation and Invention Competition.



促國際人才留臺 國際生就業輔導基地成立

為推動國際人才與臺灣產業共榮發展、協助在臺僑外生畢業後順利留臺就業，本校成立「國際生留臺職涯與就業輔導基地」，結合產學資源，與企業共同規劃專業與華語課程、職涯講座、企業見習與參訪，也帶領國際生參與南科就業徵才活動，深入了解產業脈動，精準培育符合臺灣產業需求的國際人才。基地並建立完善的職涯諮詢與就業輔導機制，協助國際學生掌握臺灣就業市場動態，增強求職競爭力，成立國際校友專區促進交流聯繫，強化國際人才留臺發展的支持系統。



NSYSU launching Career and Employment Hub for International Students to boost global talent retention in Taiwan

To foster the mutual development of international talent and industries in Taiwan, NSYSU launched the "Career and Employment Hub for International Students," aiming at helping overseas Chinese and international students secure employment in Taiwan after graduation. Based on both academic and industry resources, NSYSU collaborated with industry to organize professional and Mandarin language courses, career development activities, corporate visits, and job shadowing opportunities. International students are also guided to participate in job fairs at Southern Taiwan Science Park, gaining insights into industrial trends and better aligning themselves with industry needs in Taiwan. Moreover, comprehensive career counseling and employment support are provided to help international students navigate the job market in Taiwan and enhance

their competitiveness. An international alumni network is also established to strengthen connection and further support the retention of international talent in Taiwan.





「徵才實料」媒合企業人才 高屏最大就博會釋萬名職缺

本校舉辦「徵才實料」高屏就業博覽會，共 115 家知名企業參展，釋出 1 萬多個職缺，吸引 4,912 人次參與。科技業包括台積電、聯電、世界先進、日月光、台灣應用材料、鴻海、仁寶、和碩等標竿企業皆參展，年薪上看 220 萬元。各大金控如玉山金控、國泰世華、中租控股等除商管人才，也擴大招募資安、人工智慧、大數據分析、永續金融人才。服務零售業則不再僅限於傳統門市，統一、全聯、迪卡儂、摩斯漢堡等企業向數位化、永續經營、供應鏈管理及顧客體驗等多個領域發展，期望吸引具跨領域能力與創新思維的人才。

"Recruit the Real Deal" connecting talent with industry, offering over 10,000 openings in the largest Kaohsiung-Pingtung job fair

The Kaohsiung-Pingtung job fair "Recruit the Real Deal," hosted by NSYSU, drew 4,912 participants for over 10,000 job openings from 115 prominent enterprises. Leading tech firms offer positions with annual salaries reaching TWD 2.2 million, such as TSMC, UMC, Vanguard International Semiconductor Corporation, ASE Group, Applied Materials Taiwan, Hon Hai Technology Group (Foxconn), Compal Electronics, Inc., and PEGATRON Corporation. Additionally, major financial holding companies, including E.SUN FHC, Cathay United Bank, and Chailease Holding, seek not only talent in business and management but also experts in cybersecurity, AI, big data analytics, and sustainable finance. Meanwhile, retail and service giants like Uni-President, PX Mart, Decathlon, and MOS Burger expand recruitment into digitalization, sustainable management, supply chain management, and customer experience, aiming to attract professionals with cross-disciplinary skills and innovative thinking.







全球視野

Global Vision



本校目前共有 326 所姊妹校、締結 7 個大學聯盟，包括亞洲 176 校 1 聯盟、歐洲 110 校 2 聯盟、美洲 37 校 4 聯盟及大洋洲 4 校，分佈於 45 個國家。其中 232 校及 1 聯盟簽有 258 個交換學生計畫協議，35 校簽訂有 46 個雙聯學位協議。113 學年度新簽訂來自日本、韓國、泰國、菲律賓、印尼、印度、以色列、澳大利亞、美國、法國、英國、德國、捷克、奧地利、瑞士及科索沃等 16 國計 28 所姊妹校。

本校積極辦理及參與多場次國際招生展及教育者年會。113 學年度除主辦「2024 菲律賓臺灣高等教育展」，帶領臺灣 19 校 43 人前進菲律賓馬尼拉及達沃 6 所頂尖大學外，另參與 13 場次實體與線上招生展及教育者年會（含泰國、菲律賓、印尼、印度、越南、馬來西亞、日本及法國等國家），招募優秀海外學子來校就讀及建立姊妹校連結，以提供更多出國交換機會。113 學年度在籍境外學位生計 791 人（含外籍生 432 人、僑生 334 人、陸生 25 人）、在校交換生計 411 人（含外籍交換生 345 人、陸生 66 人）。



NSYSU has established academic collaborations with 326 higher education institutions and participates in 7 university alliances across 45 countries. These partnerships include 176 institutions and 1 alliance in Asia, 110 institutions and 2 alliances in Europe, 37 institutions and 4 alliances in the Americas, and 4 institutions in Oceania. To date, NSYSU has concluded 258 student exchange agreements with 232 institutions and 1 alliance, along with 46 dual degree program agreements with 35 institutions. In the 2024-2025 academic year, NSYSU expanded its global network by adding 28 new partner institutions from 16 countries. These countries include Japan, South Korea, Thailand, the Philippines, Indonesia, India, Israel, Australia, the United States, France, the United Kingdom, Germany, the Czech Republic, Austria, Switzerland, and Kosovo.

NSYSU actively organized and participated in numerous international recruitment fairs and educators' conferences. In the 2024-25 academic year, the University hosted the 2024 Taiwan Higher Education Fair in the Philippines, leading a delegation of 43 representatives from 19 Taiwanese universities to six leading universities in Manila and Davao. In addition, the University participated in 13 on-site and online recruitment fairs and educators' conferences in Thailand, the Philippines, Indonesia, India, Vietnam, Malaysia, Japan, and France. These activities were aimed at recruiting outstanding international students and establishing partnerships with overseas institutions to expand opportunities for student exchange. During the 2024-25 academic year, the University enrolled a total of 791 international degree-seeking students, including 432 international students, 334 overseas Chinese students, and 25 students from China. The University also hosted 411 exchange students, consisting of 345 international exchange students and 66 students from China.



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。113 學年度有 964 人次修讀華語課程，並接待來自日本、美國、英國、法國、奧地利、荷蘭、比利時、盧森堡及波蘭等 9 國華語遊學團，共 12 團 274 人。其中，美國麻省理工學院於 114 年第三度來校進行中文項目移地教學課程，計學生 16 人及隨團教師 2 人。

本校積極辦理多元活動及講座，讓學生持續接軌世界，提升學生國際事務參與度、拓展全球視野。113 學年度辦理 41 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 1,973 人次參與。另開設 3 期共 19 班次免費多國語言課程（包含韓語、日語、德語、法語、西班牙語及越南語），學員共計 281 名。



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 2024-25 academic year, a total of 964 enrollments was recorded in Chinese language courses. The CLC also hosted 12 short-term Chinese language study programs, and there were 274 participants from 9 countries, including Japan, the United States, the United Kingdom, France, 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 third consecutive year, with 16 students and 2 accompanying faculty members.

The University actively organizes a diverse range of events and lectures to keep students connected with the global community, foster their engagement in international affairs, and broaden their global outlook. During the 2024-25 academic year, NSYSU hosted 41 sessions on overseas exchange programs, international training opportunities, and outbound scholarship information, drawing a total of 1,973 participants. In addition, three terms of free foreign language courses were offered, encompassing 19 classes in Korean, Japanese, German, French, Spanish, and Vietnamese, with a total enrollment of 281 students.



五年撥 7 千萬 獎助 900 學子走向世界

為鼓勵學生走向國際、拓展視野，本校 113 年投入 3,300 萬元推動出國交換與雙聯學位計畫，並提供寒暑假海外移地教學、短期研修實習及社會實踐等多元獎助方案，協助學生前往世界各地學習歷練。該年度出國研修人數突破 300 人，創歷年新高。本校自 108 年起創全國之先，大力推動學子在學期間前往世界一流大學研修，每月補助 1 萬元。近五年累計已投入超過 7,000 萬元獎學金補助學生出國研修，交流學校涵蓋全球 45 國、326 所姊妹校，超過 900 名學生受惠。

Investing TWD 70 million over five years to support 900 students in global learning

To encourage students to go global and broaden their horizons, NSYSU allocated TWD 33 million in 2024 to support overseas exchange and dual-degree programs. A variety of funding schemes were offered for overseas experiential learning during winter and summer breaks, including short-term study programs, internships, and social engagement projects, helping students gain valuable experience around the world. Notably, the number of students participating in overseas programs in 2024 exceeded a record high of 300. Since 2019, NSYSU has taken the national lead in promoting student exchanges at top global universities during their studies, offering a monthly subsidy of TWD 10,000. Over the past five years, NSYSU has invested more than TWD 70 million in scholarships for international study, and the exchange network spans 45 countries and 326 partner institutions, benefiting over 900 students to date.



國際共榮 臺美共培太平洋 10 島國人才

美國夏威夷智庫「東西中心」與臺灣外交部外交學院合辦「太平洋島國青年領袖培訓計畫」，迄今共計培訓 197 名太平洋島國優秀青年領袖。本校也積極響應，由各領域專家學者分析太平洋地區的戰略環境、國際海洋政策、氣候變遷、海洋生物多樣性、海床採礦等議題，共同培訓來自馬紹爾、巴布亞紐幾內亞、斐濟等 10 國的 21 名學員，包括政府部門、國際組織官員、媒體、醫療、法律、教育及企業等各界人士，深化臺美合作與三邊共榮關係。



Promoting global prosperity through Taiwan-U.S. collaboration in cultivating talent from 10 Pacific island nations

The East-West Center, a Hawaii-based think tank in the United States, and the Institute of Diplomacy and International Affairs under Taiwan's Ministry of Foreign Affairs co-hosted the "Pacific Islands Leadership Program (PILP) with Taiwan," through which a total of 197 outstanding young leaders from Pacific island nations have been trained to date. NSYSU actively contributed to the program by inviting experts and scholars from various fields to analyze key issues such as the Pacific's strategic environment, international ocean policy, climate change, marine biodiversity, and seabed mining. In 2024, there were 21 participants from 10 countries, including the Marshall Islands, Papua New Guinea, and Fiji; they were professionals from government agencies, international organizations, media, healthcare, law, education, and business. The initiative strengthens Taiwan-U.S. collaboration and promotes trilateral prosperity.



臺帛聯手推廣海洋永續 聚焦氣候變遷

本校臺帛海洋科普教育中心在國科會支持下舉辦海洋科普工作坊，為臺灣首次在太平洋友邦進行全英文海洋科學教學。參與者包括帛琉農漁環境部、中小學教師及帛琉國際珊瑚礁中心研究員，課程聚焦於氣候變遷對海洋生態的影響，涵蓋海洋藍碳、海洋食物鏈及永續發展等主題，並實地前往洛克群島的鯊魚城與磚磳貝城，進行現地水文監測與樣品採集。不僅提高學員科學素養，也有助於未來培養學生的環保意識，盼提升帛琉年輕世代對海洋生態保護的認識。



Promoting marine sustainability through Taiwan-Palau cooperation with a focus on climate change

With support from Taiwan's National Science and Technology Council (NSTC), the Taiwan and Palau Ocean Science Education Center at NSYSU hosted a marine science workshop, the first marine science workshop fully conducted in English by Taiwan in a Pacific ally. Participants included officials from the Palau Ministry of Agriculture, Fisheries and the Environment, local elementary and high school teachers, and researchers from the Palau International Coral Reef Center. The workshop focused on the impacts of climate change on marine ecosystems, covering topics such as blue carbon, marine food webs, and sustainable development. An additional field activity was also organized to Shark City and Giant Clam City in the Rock Islands, featuring hands-on hydrological monitoring and sample collection. This workshop not only enhanced participants' scientific literacy but also helped inspire environmental awareness among future generations. Overall, the workshop fosters marine ecological knowledge and contributes to the long-term conservation and sustainability goals of Palau.



共商淨零碳排 辦臺英聯盟首屆會議

本校為臺英大學聯盟創始成員，聯盟成立後於校內 360 藝文空間舉行首屆會議，雙邊共 54 名專家學者及代表參與，包括英國大學代表、英國在台辦事處及英國文化協會等 19 人，以及 35 名來自臺灣各大學的代表與會。研討會針對「淨零碳排」與「英語教育」兩大主題深入討論，以分享研究成果、媒合交流及分組互動等方式交換想法與策略，並介紹雙邊國際合作計畫，潛在夥伴可瞭解彼此內容、商討可行性及擬訂行動方案，期促成臺英雙方更多交流機會。



NSYSU hosting the Taiwan-UK University Consortium's inaugural conference on net-zero emission solutions

As a founding member of the Taiwan-UK University Consortium (TUKUC), NSYSU hosted the alliance's inaugural conference at its 360 University House, attended by 54 experts, scholars, and representatives from both sides, including 19 delegates from U.K. universities, the British Office Taipei, and the British Council in Taiwan, and 35 representatives from Taiwanese universities. The conference highlighted in-depth discussions on two main themes: net-zero carbon emissions and English language education. Participants exchanged ideas and strategies through research presentations, matchmaking sessions, and group discussions. Additionally, bilateral international collaboration programs were introduced, enabling potential partners to explore the content, discuss feasibility, and develop action plans to foster further Taiwan-U.K. cooperation.





全國唯一締約 攜倫敦大學亞非學院共同辦學

本校與英國倫敦大學亞非學院簽署合作備忘錄，除進行師生互訪、教研合作等學術交流，也將共同開辦「全球公民權雙聯碩士課程」專班，課程將以聯合規劃、聯合授課、聯合指導為共同辦學發展方向，有別於各大學常見的雙聯學位，創下臺灣高教首例。課程地圖由兩校共同開發，雙方專班學生除到兩校上課，倫敦大學亞非學院的教授也將至本校開課。預計 115 年招生入學，期能培育具備跨領域、國際移動及永續發展能力的世界公民人才。

NSYSU forming an exclusive partnership with SOAS University of London to launch a joint program

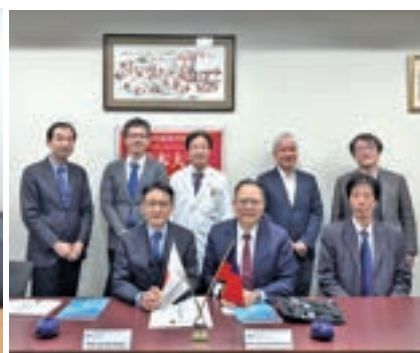
NSYSU signed a Memorandum of Understanding with SOAS University of London to promote academic exchange and cooperation, and lay the foundation for the establishment of a SOAS-NSYSU joint master's degree program in sociology and global citizenship. Unlike traditional dual-degree programs, this initiative will be jointly designed, taught and supervised by both universities under a co-developed curriculum, marking an unprecedented milestone in Taiwan's higher education landscape. Moreover, students will attend classes at both universities, and professors from SOAS will also teach at NSYSU. The program is scheduled to begin its enrollment in 2026, aiming to cultivate global citizens with interdisciplinary knowledge, international mobility, and a strong commitment to sustainable development.





UAAT 推臺日學術連結育才 設熊本華語中心

本校為教育部國家重點領域國際合作聯盟（UAAT）會員學校，並擔任與日本九州沖繩開放大學聯盟（KOOU）工程領域整合型計畫及華語教學召集學校。114年1月研究參訪成員共21人前往日本九州進行實體交流，確立後續合作方向，在學術研究與人才培育建立密切連結。同年4月，本校與熊本大學簽署校級合作備忘錄及交換學生協議，7月由教育部補助推動、本校設立的「UAAT-KOOU 華語教育中心」，亦於九州熊本大學多言語文化綜合教育中心揭牌，不僅建構系統性的華語教育平臺，也深化臺日雙方的教育與人文連結，拓展國際高教合作。



UAAT promoting Taiwan-Japan academic ties and establishing the Mandarin Language Center in Kumamoto

NSYSU, as a member of the University Academic Alliance in Taiwan (UAAT) initiated by Taiwan's Ministry of Education (MOE), serves as the Coordinating University in partnership with the Japan's Kyushu Okinawa Open University (KOOU) to conduct projects in the field of engineering and teach Mandarin. In January 2025, a delegation of 21 members from NSYSU visited Kyushu to strengthen academic ties and set future directions of collaboration in research and talent development. In April of the same year, NSYSU signed a university-level memorandum of understanding and an agreement on student exchange with Kumamoto University. In July, the "UAAT-KOOU Mandarin Language Center" was officially inaugurated under the Center for International Education of Kumamoto University, Kyushu. Funded by the MOE and established by NSYSU, this new center not only provides a comprehensive platform for learning Mandarin but also serves as a cultural bridge to foster Taiwan-Japan educational and humanistic ties, broadening the scope and depth of international collaboration in higher education.



助力外交部計畫 推促立陶宛高教科技鏈結

為深化臺灣與立陶宛雙邊教育與科技合作，由外交部補助、本校主辦的「立陶宛臺灣半導體研習團」邀請來自立陶宛維爾紐斯大學、維爾紐斯科技大學兩所頂尖學府的 24 名師生，來臺進行為期 9 天的研習與交流活動。此行聚焦半導體教育、研究與產業，除參訪臺灣重要研究機構外，亦安排本校相關實驗室參觀、與系所主管交流及本校教師講授課程，讓學員多面向了解臺灣產學研能量與發展現況。行程也結合文化體驗，開啟對亞洲科技與社會的新認識。盼能促進雙邊互動交流、拓展未來高科技與國際教育合作。



NSYSU supporting the MOFA initiative to strengthen Taiwan-Lithuania ties in higher education and technology

To strengthen bilateral cooperation between Taiwan and Lithuania in education and technology, the "Taiwan Semiconductor Study Tour," funded by Taiwan's Ministry of Foreign Affairs (MOFA) and organized by NSYSU, brought 24 faculty members and students from two leading Lithuanian universities, Vilnius University and Vilnius Gediminas Technical University, for a nine-day immersive experience in Taiwan. With a focus on semiconductor education, research and industry, the participants visited Taiwan's key research institutions, and also visited NSYSU's related laboratories, had exchange ideas with its departmental heads, and attended its lectures. These activities offer participants a comprehensive understanding of Taiwan's academic, industrial, and research capabilities in the semiconductor sector. Cultural experiencing was also incorporated as an activity, offering new perspectives on the technology and society in Asia. Such a tour is expected to foster bilateral engagement and expand future high-tech and international education collaborations.



深化地方連結 臺日聯盟共促創生發展

由本校等 10 所臺日大學共同成立的臺日大學地方連結與社會實踐聯盟，近年來已推動 61 門臺日合作課程、51 場跨校參訪及多場國際研討會與工作坊，針對攸關國家未來發展的地方創生經驗進行交流共學。「2024 新實踐暨臺日大學地方連結與社會實踐聯盟國際研討會暨聯盟首長會議」以「Be Together and Together to be」為題，分享大學社會實踐的成果與發現，共同探討大學與地方社會的永續共生與災後韌性治理，邀集臺日 24 所大學與學術單位、超過 50 名學者參與。



Deepening local engagement as the Taiwan-Japan Alliance fosters regional revitalization development

NSYSU and nine universities from Taiwan and Japan jointly established the Taiwan-Japan Alliance of Local Revitalization and Social Practice (TJ Alliance). In recent years, 61 collaborative courses, 51 inter-campus visits, and numerous international seminars and workshops were organized, sharing experiences on regional revitalization and addressing issues related to the future development of both nations. Over 50 scholars from 24 universities and academic institutions in Taiwan and Japan attended the 2024 International Conference of New Praxis and the Taiwan-Japan Alliance of Local Revitalization and Social Practice and Alliance Executives Meeting. Under the theme "Be Together and Together to Be," the meeting highlighted the findings and achievements of university social practice and explored sustainable coexistence and post-disaster resilience governance among universities and local communities.



強化雙邊合作 臺菲高中教育交流研討

本校與駐菲律賓代表處教育組、菲律賓臺灣教育中心共同推動臺菲雙邊交流，舉辦「臺灣－菲律賓高中交流研討會」，邀請雙方高中與大學代表團齊聚，包括菲律賓高中、大學校長與師生等代表 62 人、臺灣高中代表 32 人與大學代表 30 人共同參與。研討會教育交流系列活動涵蓋論壇、校園參訪、課堂體驗及雙邊合作洽談，提供英語學習與文化交流機會，同時期望吸引菲律賓優質學生至臺灣就讀全英語學士班，助力雙語教學發展。



Strengthening bilateral ties through the Taiwan-Philippines high school education seminar

To jointly promote bilateral exchanges between Taiwan and the Philippines, the Taiwan-Philippines High School Exchange Seminar was hosted by NSYSU, in collaboration with the Education Division of the Taipei Economic and Cultural Office in the Philippines and the Taiwan Education Center in the Philippines. High school and university delegations from both countries were brought together, including 62 presidents, faculty members, and students from Filipino high schools and universities, together with 32 Taiwanese high school delegates and 30 university delegates. A series of activities featured forums, campus tours, classroom experiences, and discussions on cooperation, providing participants with opportunities for English learning and cultural exchanges; meanwhile, outstanding Filipino students are encouraged to pursue their EMI bachelor's program in Taiwan, thereby advancing the development of bilingual education in Taiwan.





臺日帆船賽重啟競技 大阪西灣各擅勝場

本校與日本大阪大學睽違 6 年的「臺日風帆友誼賽」在疫情中斷後於 113 年重啟交流，風帆社與帆船校隊 10 名學生前往日本阪大帆船部，於大阪灣進行雙人船型訓練與競賽，由阪大率先獲得 3 勝，贏得優勝。半年後阪大帆船部 10 名學生回訪，於西子灣進行單人雷射船型訓練與競賽，在 114 年的「臺日風帆友誼賽」中，本校於關鍵賽事逆轉勝出，奪得優勝。競技之餘，雙方也進行為期 8 天的訓練、文化交流、體驗活動及美食行程。



Taiwan-Japan sailing competition resumed: the Osaka University and NSYSU teams claim victory on each home ground

The "Taiwan-Japan Friendship Sailing Competition" between NSYSU and Osaka University resumed exchanges in 2024 after a six-year hiatus due to the pandemic. Ten NSYSU students from the windsurfing club and the varsity sailing team visited the Osaka University Yacht Club and participated in two-person sailboat training and competitions in Osaka Bay, and the Osaka University secured three wins and claimed an overall victory. Six months later, ten students from Osaka University Yacht Club visited NSYSU and participated in single-handed Laser sailboats training and competitions in Sizihwan Bay. In the 2025 "Taiwan-Japan Friendship Sailing Competition," NSYSU clinched the victory in the decisive race after a dramatic turnaround. Beyond the races, both sides also engaged in an eight-day exchange involving training, cultural experiences, and local culinary tours.





國際嘉年華多元體驗 開齋節促文化理解

國際文化嘉年華為國際生年度盛事，2025 年共 10 國美食攤位、13 國 23 名國際學生精彩演出，更新增印尼、馬來西亞、墨西哥、越南及印度 5 大文化體驗區，連續 3 天集納世界文化與美食的感官盛宴，打造更國際化的友善校園，並融入環境永續保護理念。「開齋節文化交流會」活動則吸引來自 18 國共 141 名教職員生，除讓穆斯林師生進行開齋儀式外，也讓非穆斯林師生認識相關文化，有助提升聯合國永續發展目標中的多元文化與宗教包容度。



International Cultural Festival offering diverse experiences and fostering understanding of Eid

The annual International Cultural Festival was a highlight for the NSYSU international community. This year featured food stalls from 10 countries and performances by 23 students from 13 nations, with five new cultural experience zones for Indonesia, Malaysia, Mexico, Vietnam, and India. Over three days, the event showcased a sensory feast of global cultures and cuisines, fostering a more international and welcoming campus while incorporating environmental sustainability. The "Eid Gathering Event" attracted 141 faculty, staff, and students from 18 countries to celebrate the end of fasting and provided non-Muslim faculty and students with opportunities to learn about the Eid cultures, contributing to the United Nations Sustainable Development Goals on cultural diversity and religious inclusion.



聚焦臺墨加工區女性勞動者 兩國藝術家聯合策展

臺灣與墨西哥兩國在 1965 年皆為冷戰時代加工出產的重要國度。大學社會責任實踐計畫「邁向永續轉型：城市共事館的全球在地實踐」重新回顧此段歷史過程，反思設置加工出口區增加兩國經濟產業類型，卻也產生臺墨女性勞動問題的意涵。本校師生與墨西哥方策展人、11 名臺墨藝術家及團體共創作品，先於墨西哥華雷斯城獨立非營利藝術組織 Azul Arena 藝廊交流，後回臺於高雄市勞工博物館展出，提供跨國視角，探索加工區發展歷史如何成為冷戰中的經濟政治節點，並思慮勞動工殤的記憶與意義。



Artists from Taiwan and Mexico co-curating exhibits on female workers in export processing zones

Taiwan and Mexico both emerged as key manufacturing hubs during the Cold War around 1965. Against this backdrop, NSYSU "University Social Responsibility Project - Transitions toward Sustainability: The Glocalization Practice of the City as a Commuseum" revisits this shared history, reflecting on how export processing zones diversified economic sectors but also exacerbated women's labor issues in both countries. Centered on this theme, NSYSU faculty and students collaborated with Mexican curators and eleven artists and groups from both nations

to create artworks which were first displayed at the Azul Arena Gallery, an independent nonprofit art organization in Ciudad Juárez, Mexico, and later at the Kaohsiung Museum of Labor in Taiwan. The cross-border exhibition offers a transnational perspective on the development of export processing zones as an economic and political turning point during the Cold War, while also reflecting on the past and the significance of labor struggles.





拓展與區域連結

Outreach and Regional Alliances

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」已邁入第四期。本校由社會學系、管理學院、西灣學院及海洋科學學院 4 個計畫團隊順利通過，社會實踐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。

無論是南臺灣區域發展或全球環境趨勢，永續已是全人類的共同使命與未來解方。在永續實踐上，本校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。

過去 1 年，本校攜手高雄醫學大學舉辦「中山高醫攻頂大學聯盟簽約儀式暨首長高峰會」，續簽兩校攻頂聯盟 3 年新約，藉由雙方的資源共享、跨校選修、合聘教師、合作研究與研發、國際交流與講座研習、聯合招生宣傳、校慶運動會活動及館際合作等多元舉措，聯手為師生共創優質環境，實現高教雙贏。臺灣綜合大學系統則由本校與成功大學、中興大學及中正大學組成，旨在透過 4 校資源整合，促進教學、研究與行政的全面發展。

The Ministry of Education's "University Social Responsibility (USR) Project," a flagship initiative in Taiwan's higher education circle, has entered its fourth phase. Four project teams from NSYSU – the Department of Sociology, the College of Management, Si Wan College, and the College of Marine Sciences – successfully pass the review, with their respective projects approved. Their social engagement spans the humanities and social care, ecological conservation, and marine education, demonstrating interdisciplinary engagement and university social responsibility practices centered on sustainable development.

Sustainability has become a shared mission for humanity and a key solution for the future, Whether in the context of regional development in southern Taiwan or global trends. In response to Taiwan's Net-Zero Transition policy, NSYSU leverages its institutional strengths to devise 4 major transition strategies in Energy, Industry, Lifestyle, and Society. Anchored in the ESG principles of "environmental coexistence, social welfare, and mutual profit in the academia," the University extends its USR efforts into diverse fields on/off campus, encompassing environmental stewardship, humanistic care, technological innovation, industrial net zero, rural healthcare, and regional revitalization. Through collaboration of administrative units and all 10 colleges, NSYSU integrates academic research with professional practice to lead southern Taiwan toward a sustainable future.

Over the past year, NSYSU and Kaohsiung Medical University co-hosted the "NSYSU-KMU Top University Alliance Signing Ceremony and Leadership Summit," renewing their three-year alliance agreement. The two universities aim to foster a high-quality environment for faculty and students, and achieve a win-win outcome in higher education through diverse initiatives such as resource sharing, inter-university course selection, joint faculty appointments, collaborative research and development, international exchanges, co-hosting lectures and workshops, coordinating recruitment campaigns, joint anniversary sports events, and interlibrary cooperation. Moreover, as part of the Taiwan Comprehensive University System (TCUS), NSYSU aims to promote comprehensive development in teaching, research, and administration through integration of its resources with three other institutions of TCUS: National Cheng Kung University, National Chung Hsing University, and National Chung Cheng University.

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，屢獲社會肯定。包括在《天下》2025 USR 大學公民評比中榮獲第三名、《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，校內各單位亦在專業領域屢創佳績。

未來，本校將持續以永續發展的理念為指引，從教學、研究、產業合作到社會實踐多方推進，打造與時俱進的永續校園，促進共生共榮的社會，並協助南臺灣推動地方創生與轉型，邁向更美好的未來。



NSYSU faculty and students actively engage in social practice and sustainable development through diverse courses and research projects, earning broad recognition for their professionalism and dedication. The University not only ranks third nationwide in the 2025 USR University Citizenship Survey conducted by *CommonWealth Magazine*, but also receives the "Public University Paradigm Award" from *Global Views Monthly*, and ranks first among the "medium to large-sized universities" in the "Top Universities in Taiwan" rankings. Beyond these recognitions, various units across the University also achieve remarkable results in their respective professional fields.

Guided by the principles of sustainable development, NSYSU will continue to advance initiatives in teaching, research, industry-academia collaboration, and social engagement. Committed to building a forward-looking and sustainable campus, NSYSU is supporting regional revitalization and transformation in southern Taiwan, aiming to thrive in harmony with the society to move toward a better future.





攜手臺大、高市府 助力民生醫院轉型升級

本校與國立臺灣大學及高雄市政府三方合作，強強聯手，共同宣示將結合豐富的醫務管理經驗與醫學中心等級的醫療資源，導入醫療品質管理、人才培育、臨床技術指導等面向，全面協助民生醫院升級與轉型。本校已與臺大簽署教學及研究合約，雙方除攜手投入學術研究與教學外，本校醫學院也將借調臺大醫學院教授醫師，協助民生醫院提升醫療品質，共同增進市民的衛生保健福利。

Partnering with NTU and Kaohsiung City Government to transform and upgrade Kaohsiung Municipal Min-Sheng Hospital

NSYSU, National Taiwan University (NTU), and the Kaohsiung City Government form a tripartite partnership and announce their commitment to upgrading and transforming the Kaohsiung Municipal Min-Sheng Hospital by integrating NTU's extensive expertise in medical management with resources comparable to those of medical centers. The collaboration will introduce advancements in healthcare quality management, talent cultivation, and clinical skills training. NSYSU signed a teaching and research agreement with NTU for joint efforts in academic research and teaching, and professors and physicians from NTU's College of Medicine will be on secondment to NSYSU's College of Medicine to assist in enhancing the medical quality of Min-Sheng Hospital, thereby improving public health services for Kaohsiung citizens.



攜手高雄長庚 首設解剖及手術模擬創新中心

本校醫學院與高雄長庚紀念醫院合作建置「國立中山大學—高雄長庚紀念醫院竹梅源解剖及手術模擬創新中心」，揭牌啟用後，該中心將為醫學與護理等專業學生與臨床醫師提供先進的解剖醫學教育與臨床技能培訓環境。建置計畫獲富林塑膠工業股份有限公司王源林董事長慷慨捐資 3,000 萬元，為本校創校以來非校友身份的最大單筆捐款；天成圓滿實業股份有限公司顏德和董事長另捐贈寶塔及安置大體老師身後事宜。



Establishing the first Anatomy and Surgical Simulation Innovation Center with Kaohsiung CGMH

NSYSU College of Medicine, in collaboration with Kaohsiung Chang Gung Memorial Hospital (CGMH), establishes the "NSYSU-CGMH Truemeiyuan Anatomy and Surgical Simulation Innovation Center." Following its inauguration, the Center will provide advanced anatomical education and clinical skills training for students in medicine, nursing, and related fields, as well as for practicing clinicians. The Center is made possible through a generous donation of TWD 30 million from Yuan-Lin WANG, Chairman of Fulin Plastic Industry (Cayman) Holding Co., Ltd., the largest single donation from a non-alumnus to date. Additionally, Te-Ho YEN, Chairman of Tian Cheng Yuan Man Industrial Co., Ltd., donates memorial niches in a pagoda and will arrange posthumous care of body donors.





協力科博館 共創科研與科普新篇章

本校與國立自然科學博物館正式簽署合作備忘錄，開啟兩大國家級機構的首度合作新篇章。雙方將共同推動聯合課程、科普展覽共創、青年人才培育基地等多元合作模式，並承諾深化合作，攜手打造具國際視野的科教整合平臺，促進科學知識的普及與應用，推動臺灣邁向科學知識全民共享的社會。過去雙方在標本收集、典藏借閱及海洋生態與生物多樣性研究方面長期合作密切，成果豐碩。



Collaborating with the National Museum of Natural Science to advance scientific research and dissemination of scientific knowledge

NSYSU signed a memorandum of understanding with the National Museum of Natural Science and marked an inaugural formal collaboration between the two national institutions, after a longstanding history of coordinating the collection, preservation, and loan of specimens, as well as research in marine ecology and biodiversity with fruitful outcomes. This time, the formal partnership adopts various collaborative modules, including joint courses, co-curated science exhibitions, and the establishment of a youth talent training base. Furthermore, both parties pledge to deepen collaboration by creating a globally oriented platform that integrates scientific research with public science education, thereby enhancing the dissemination and application of scientific knowledge and advancing Taiwan toward a society with scientific literacy.

串連農業部生多所 打造 AI 海陸整合生態保育合作聯盟

理學院、海洋科學學院與農業部生物多樣性研究所攜手推動臺灣海陸整合的生態保育合作，共同簽署合作備忘錄，正式建立三方夥伴關係，期盼結合 AI 與 eDNA 技術，跨域整合，將涵蓋從山林、溪流、濕地至海洋的完整生態系統，盼建立生物多樣性研究平臺，海陸共治，推動資料庫共享、瀕危物種保育、氣候變遷下的生態調適策略及環境教育與人才培育等，擴大臺灣生物多樣性研究及保育工作的深度與廣度。

Forming an AI-driven terrestrial and marine ecological conservation alliance with the Ministry of Agriculture's Taiwan Biodiversity Research Institute

The NSYSU College of Science, College of Marine Sciences, and the Taiwan Biodiversity Research Institute of the Ministry of Agriculture signed a memorandum of understanding to establish a tripartite partnership for integrated land-sea ecological conservation in Taiwan. The alliance seeks to create a cross-disciplinary biodiversity research platform by merging AI and eDNA technologies, covering the entire ecosystems of forests, rivers, wetlands, and oceans. The initiative will promote joint land-sea stewardship, shared databases, conservation of endangered species, ecological adaptation strategies against climate change, environmental education, and talent cultivation. Collectively, these efforts will deepen and broaden the biodiversity research and conservation efforts in Taiwan.



逆轉「海膽荒礁」 啟動肚仔坪潮間帶海膽移除行動

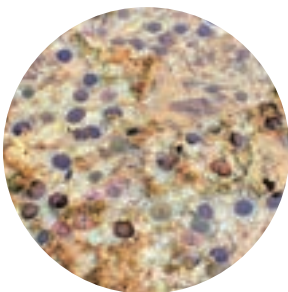
珊瑚礁棲地肚仔坪潮間帶近年被大量海膽佔據，珊瑚礁表面布滿海膽啃蝕後的坑洞，形成臺灣首見的「海膽荒礁」現象。為挽救海膽過度繁殖而陷入崩解危機的珊瑚礁生態系，本校海洋永續推動研究中心受屏東縣政府委託，展開大規模海膽移除行動，結合縣政府、逾 80 名在地志工、當地學校師生、導覽員、海洋教育種子教師及多個海洋保育團體進行大規模人工移除，盼移除超過 75% 的海膽，逆轉荒礁現象。



Reversing the "urchin barren reef": Launch of the sea urchin removal operation in the Duziping intertidal zone

In recent years, the intertidal coral reef habitat at Duziping has been heavily occupied by a large number of sea urchins. The reef surface is covered with pits left by urchin grazing, creating Taiwan's first recorded case of an "urchin barren reef" phenomenon. To save the coral reef ecosystem, now at risk of collapse due to the overpopulation of sea urchins, the University's Sustainable Ocean Governance

Center, commissioned by the Pingtung County Government, has launched a large-scale sea urchin removal action. Working together with the county government, over 80 local volunteers, teachers and students from nearby schools, tour guides, marine education seed teachers, and several marine conservation groups, the team is carrying out extensive manual removal with the goal of eliminating more than 75% of the sea urchins and reversing the barren reef condition.



復育臺灣「活化石」鰳類 獲海洋保育貢獻楷模獎

從潟湖到漁港，橫跨數千公里海岸線，海洋事務研究所張懿教授研究團隊多年來持續投入海洋保護區實地調查與管理計畫修訂工作，致力推動社區參與、以科學數據為本的保育管理。其研究不僅成功建立「活化石」三棘鰳在臺灣沿岸的族群量基線，也成功協助多處保護區轉型升級，榮獲海洋委員會「海洋保育貢獻楷模獎」肯定，相關研究成果已在國際間受到關注。



Reviving Taiwan's "living fossil" horseshoe crabs, honored with the Marine Conservation Contribution Role Model Award

Professor Yi CHANG of NSYSU's Graduate Institute of Marine Affairs, together with his research team, dedicates years to marine conservation along thousands of kilometers of Taiwan's coastline, from lagoons to fishing ports. The team not only conducts on-site inspections and revises management plans of marine protected areas (MPAs), but also promotes community engagement and science-based conservation management. Notably, the team successfully upgrades and transform several MPAs, and also establishes a baseline population estimate for tri-spine horseshoe crab (*Tachypleus tridentatus*) around the Taiwanese coast, a rare "living fossil." In recognition of these contributions, the team receives the Marine Conservation Contribution Role Model Award from Taiwan's Ocean Affairs Council, with its findings gaining international attention.

首創椰林吸碳！ 偕高市府旗津植樹

本校碳索實驗室與高雄市政府合作，獲合作金庫贊助，共同在旗津海水浴場舉行「椰林吸碳計畫－植樹典禮」，種下 60 棵耐鹽的可可椰子樹。海洋科學系洪慶章特聘教授指出，未來每棵椰樹預計每年可吸收約 25 公斤二氧化碳，總年吸碳量可達 1,500 公斤，開創沙灘地吸碳的先例，響應國家推動碳中和與土地永續發展的理念。

Pioneering carbon capture: coconut groves planted at Cijin in partnership with Kaohsiung City Government

The "Coconut Grove Carbon Sequestration Project - Tree Planting Ceremony" on Cijin Beach was co-hosted by NSYSU Carbon Research Lab and the Kaohsiung City Government, with the sponsorship of Taiwan Cooperative Bank. During this ceremony, 60 salt-tolerant coconut trees were planted; each coconut tree can absorb approximately 25 kilograms of CO₂ annually, with a total of 1,500 kilograms per year, as noted by Distinguished Professor Chin-Chang HUNG of the Department of Oceanography. This initiative not only pioneers carbon sequestration efforts on sandy coastlines, but also support the nation's goals of carbon neutrality and sustainable land development.





「高雄 ART 青」啟動 攜高美館紀錄在地藝術脈動

為深化學術與實務交流，本校藝術管理與創業研究所與高雄市立美術館簽訂合作備忘錄攜手啟動「高雄 ART 青：在地的藝術實踐之路－美術館青年藝術家共伴研究、記錄暨出版計畫」，帶領學生參與藝術家訪談、並撰寫研究專文，深入了解藝術創作歷程，成果收錄於「高雄 ART 青」計畫網站及高美館《藝術認證》，助學生拓展人脈並累積實務經驗。



Launching "Kaohsiung ART Qing" with KMFA to capture the pulse of local art

To deepen theory-practice exchanges, NSYSU's Graduate Institute of Arts Management and Entrepreneurship partners with the Kaohsiung Museum of Fine Arts (KMFA) to launch "Kaohsiung ART Qing: Pathways of Local Artistic Practice - Museum Youth Artist Accompaniment, Research, Documentation, and Publication Project." Students were guided to conduct interviews with artists and write research papers, thereby gaining insights into the process of creation; their selected works were then featured on the Kaohsiung ART Qing website and in the KMFA's *Art Accrediting* publication. Leveraging the project, students are able to expand their professional networks and gain hands-on experience.





推動青銀共創 編織眷村記憶規劃社區空間

左營海軍眷區獲文化部列為文化景觀，是全國最大單一軍種眷村集中區域，高雄市文化局期望透過「以住代護」的形式保留原始建物，進行空間活化。本校人文創新與社會實踐計畫左營區團隊結合高齡環境規劃專家、合群里辦公室，透過參與式設計共同討論建業新村新里民活動中心規劃，舉辦「合群人」樂齡課程，結合在地藝術家規劃編織藝術、五感體驗與工作坊等，本校學生更籌組「金孫團」進入社區陪伴長者，連結原有居民的情感記憶，提升樂齡長照的生活機能。

Fostering cross-generational co-creation and designing community spaces to preserve memories of the military dependents' village

Zuoying Navy Dependents' Village, designated as a cultural landscape by the Ministry of Culture, is the largest settlement of a single military branch in Taiwan. The Bureau of Cultural Affairs of the Kaohsiung City Government seeks to preserve the original buildings through the "occupancy for preservation" model to revitalize the space. In collaboration with age-friendly spatial designers and the Hequn Village Office, NSYSU's Zuoying team from the Humanity Innovation and Social Practice Project engages in participatory design for the new activity center of Jian Ye Village. The team also worked with local artists to offer courses for senior "Hequn residents" in the form of weaving art, sensory experiences, and other workshops. Moreover, the "Golden Grandchildren Team" consisting of NSYSU students goes into the community to accompany elderly residents, collectively preserving community memories and enhancing the senior care functions.

毛豆大翻身！ 翻轉旗山推出「大筷豆頤」 社區桌遊

高雄旗山區的香蕉不再獨占風光，毛豆成為新主角！公共事務管理研究所連續2年深入耕耘旗山廣福社區，由謝政勳助理教授帶領學生以創新的「設計思考」理念，巧妙轉譯社區特色，將毛豆料理與在地景點融合，寓教於樂，發表全新桌遊「大筷豆頤」，以期推展廣福社區的毛豆產業。另舉辦「社區聚落映像踏查」、「多元美食文化記憶訪談」及「族群融合來呷桌」系列活動，透過青銀世代密集協作，深化城鄉創生夥伴關係。



Revitalizing the edamame industry of Cishan with the launch of the community board game, "Big Edamame Feast"



In Kaohsiung's Cishan District, edamame has taken the center stage, with bananas no longer dominating the spotlight! For two consecutive years, Assistant Professor Cheng-Hsun HSIEH of NSYSU Institute of Public Affairs Management has worked closely with the Guangfu Community of Cishan, leading students to apply innovative "design thinking" in reimagining the features of the community; a new educational board game, "Big Edamame Feast," is launched, blending edamame cuisine with tourist

attractions to promote the edamame industry of the community. Furthermore, the team organizes additional activities, including "Community Settlement Walking Tours," "Diverse Culinary Memory Interviews," and "Intergenerational Dining Tables," fostering collaboration between younger and older generations to strengthen the partnerships in urban-rural revitalization.

前鎮活化再生 創創生活節讓市場變繽紛

本校地方創生團隊攜手前鎮第二公有市場自治會與興仁國中技職教育課程共同策劃「前草創創生活節：市場繽紛樂」活動，將高雄前鎮第二公有市場改造為兼具創意與趣味的場域，融合在地勞動技藝，設計體驗關卡與真人圖書館，了解前鎮的歷史與文化價值。此外，本校公民社會與民主創新共學計畫與公事所謝政勳助理教授開設「非營利組織管理」課程，帶領師生同參訪前鎮區興邦里與苓雅區衛武里，盼透過社區改造找回「亭仔腳」，將文化資產轉化為社區再生推動力。



Revitalizing Cianjhen and the public market with the Try Try Festival

The "CianCao Try Try Festival: Market Fiesta" was co-organized by the NSYSU Regional Revitalization Team, the Cianjhen Second Public Market Self-Governance Association, and Singren Junior High School's vocational education program. The Cianjhen Second Public Market in Kaohsiung was transformed into a creative and engaging venue, where local artisanal skills were blended with experiential activities and a human library to showcase the historic and cultural value of the district. In addition, the course "Nonprofit Organization Management" was offered by Assistant Professor Cheng-Hsun HSIEH from the Institute of Public Affairs Management under the Civil Society and Democratic Innovation Co-Learning Project. This course took faculty and students on visits to Xingbang Village in Cianjhen District and Weiwu Village in Lingya District, aiming to revitalize the traditional ting-a-kak (arcade spaces) as part of community life and regenerate cultural heritage.





鹽夏不夜埕 府北街區五感體驗「遮好呷」

本校主辦第八屆「鹽夏不夜埕」夜間藝術展，以「鹽來遮好呷」為主題，在鹽埕區府北公園內策劃裝置藝術、互動演出、市集與導覽，從「人」、「神」、「飲」3面向出發，探索鹽埕的歷史文化。透過味覺、視覺、聽覺與記憶交織的感官體驗，帶領民眾從廟埕文化、家庭餐桌與街邊巷口的點滴風味中，重新品味「吃」的意義；13件裝置藝術則由學生與在地社區協作完成。

Don't Sleep in Yancheng Festival bringing a five-sense culinary experience to Fubei Park

NSYSU hosted the 8th "Don't Sleep in Yancheng Festival" at Fubei Park in Yancheng District. Themed "So Tasty," the nighttime art exhibition explores the history and culture of the district from the perspectives of "people," "the divine," and "food." The exhibition features installation art, interactive performances, community fairs, and guided tours, with thirteen installation artworks collectively created by NSYSU students and local communities. Through a multisensory experience intertwining taste, sight, sound, and memory, visitors were invited to rediscover the significance of "eating" across temple courtyards, family meals, and street food experiences.



一對一課輔家教 攜手薪傳助學弱勢生

本校管理學院大學社會責任計畫結合學校服務學習課程，與中華薪傳智庫協會繼 112 年成立高雄分部，以跨界合作的教育模式，為高雄地區弱勢清寒和學業低成就的雙低學生，提供完全免費一對一的課輔方式，提升中小學生學業成績、重建學習自信。今年招募本校學生擔任課輔家教，名額立即被秒殺，不乏學生志願性連續參與課程，更有學生畢業後持續以行動支持協助課輔教學，可見積極參與課輔服務的熱忱。



Providing free one-on-one tutoring for disadvantaged students through collaboration with the Chinese Xin Chuan Think Tank Association

Under NSYSU's University Social Responsibility (USR) Project, the College of Management integrated its service-learning courses with the Kaohsiung branch (established in 2023) of the Chinese Xin Chuan Think Tank Association. Through the cross-sector educational collaboration, free one-on-one remedial tutoring is offered to economically disadvantaged and academically underperforming students in Kaohsiung's primary and senior high schools, aiming to improve their academic performance and rebuild their confidence in learning. This year, NSYSU students quickly assume all tutoring roles; many have volunteered for consecutive semesters, and some continue their support even after graduation, embodying a strong commitment to educational service.



Kiss Science 計畫 來新海研 3 號研究船深度參訪

本校新海研 3 號研究船參與國科會 Kiss Science 計畫，於高雄港 8 號碼頭開放 5 場次定時導覽，供民眾登船體驗參觀。除可近距離接觸新海研 3 號的檢測儀器，展示海洋探勘面貌，還能貼近、瞭解海上船員的日常工作内容，展示海洋科研的所有面貌，期能讓大眾了解海洋研究，增進對海洋的認知。



Opening the R/V New Ocean Researcher 3 for in-depth public tours under the "Kiss Science" program

Under the "Kiss Science" program of the National Science and Technology Council, NSYSU offered five scheduled guided tours of its R/V New Ocean Researcher 3 at Pier 8 of Kaohsiung Harbor, aiming to present the full scope of marine scientific research and enhance public understanding of the ocean. During the tours, the public was able to board and explore firsthand; they not only could closely observe inspection instruments onboard, but also could gain insights into marine exploration and learn about the daily work of crew members at sea.

海岸飄書香 旗津唯一獨立書店開幕

社會學系大學社會責任團隊活化位於旗津、廢棄的「海軍第四造船廠單身技工宿舍」，打造「技工舍 | 旗津社會開創基地」，歷經 10 年耕耘，蛻變為涵蓋長照據點居民空間、中山師生永續實踐場域、駐村藝術家工作室、多元友善廚房、大港校 CC 青年培力站等多元複合場域。今年最後一塊拼圖完成，原技工舍第三寢室搖身一變書香滿溢，島上唯一一座獨立書店「旗津 thák 冊 2.0」正式開幕啟用。



Coast district embracing literature with the opening of the only independent bookstore at Cijin

Under NSYSU's University Social Responsibility (USR) Project, the Department of Sociology revitalized the abandoned dormitory complex for single technicians of the Navy's 4th Shipyard at Cijin by transforming it into the "Cijin Social Innovation Base." Over a decade of efforts, the site has evolved into a vibrant and multi-functional complex, housing a long-term care center and community space, a sustainability practice base for NSYSU faculty and students, artist-in-residence studios, a diverse and inclusive kitchen, and a youth empowerment station (The big harbor school cc). This year, as the final piece of puzzle of the "Cijin Social Innovation Base," "Cijin thák-tsheh 2.0," the only independent bookstore on the island that is converted the dormitory's former bedroom No.3, is officially open.



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國立中
學年度傑
頒獎



山大學
出校友
典禮

校友貢獻

Alumni Contributions



本校致力於強化與校友及社會各界的互動合作，藉由連結專業實務與學術場域，擴展學校整體治理視野與育才能量。113 學年度，學校受贈收入逾新臺幣 1 億 1 千 2 百萬元，充分反映校友與社會各界對本校教育理念與發展方向的高度肯定與持續支持。穩健的資源挹注，不僅提升校務推展韌性與廣度，亦深化本校培育專業人才、服務社會的核心使命。

本校積極推動「醫學教育基金」，募款金額於 113 年計達 4 千餘萬元，展現外界對醫學教育藍圖的深切關注與信賴。有關興建醫學教育大樓方面，第 11 屆校友總會理事長、欣巴巴事業股份有限公司黃烱輝董事長延續其長期對醫學教育的支持，112 至 113 年總計捐資 2 億元支持醫學教育大樓建設資金。捐款已於 114 年 1 月全數撥入，為學校醫學院教學與空間發展奠定關鍵基礎。

傑出校友、運錫鋼鐵股份有限公司顏德和董事長，除慷慨支持醫學院發展經費，助力學術與醫療人才培育，更特別捐贈其所創設的「天成圓滿紀念館」近 500 個塔位，提供本校無語良師永恆安息之所。此義舉不僅彰顯其深厚的人文關懷，更是對社會責任實踐的具體展現。

NSYSU is committed to strengthening engagement and collaboration with alumni and all sectors of society, linking professional practice with academic fields to broaden its governance perspective and enhance its capacity for talent cultivation. In the 2024-25 academic year, the University received donations totaling over TWD 112 million, fully reflecting the strong recognition and continued support of alumni and the broader community for the University's educational philosophy and developmental vision. The steady inflow of resources not only expands the resilience and scope of institutional development, but also reinforces the University's core mission of cultivating professional talent and serving society.

The University actively promoted the "Medical Education Fund" and raised over TWD 40 million in 2024, demonstrating the broader community's strong support for and confidence in the University's vision for medical education. Regarding the construction of the medical education building, Chung-Hui HUANG, the 11th President of NSYSU Alumni Association and Chairman of HSIN BA BA Business Co., Ltd., continued his long-standing support for medical education by donating a total of TWD 200 million between 2023 and 2024. The full amount was remitted to the University in January 2025, laying a critical foundation for the teaching and spatial development of the College of Medicine.

De-He YEN, an outstanding alumnus and the Chairman of YUEN CHANG Stainless Steel Co., Ltd., generously supports the development of the College of Medicine and contributes to the cultivation of academic and medical talent. Notably, he established the "Tian Chang Yuan Man Memorial Hall" and donated nearly 500 niches as permanent resting places for the silent mentors of the University, who donated their bodies for medical education. This act not only reflects his profound humanistic care but also serves as a concrete demonstration of his commitment to social responsibility.



在校友會聯繫網絡方面，校友總會、各地區校友會及傑出校友聯誼會現任理事長及會長如下：校友總會第 11 屆理事長為傑出校友、欣巴巴事業股份有限公司黃炯輝董事長（EMBA 第 14 屆）。臺南市校友會第 7 屆理事長於 114 年由雄獅旅遊方志雄副總經理（EMBA 第 17 屆）接任。高雄市校友會第 10 屆理事長於 114 年由健統實業股份有限公司郭倫豪（EMBA 第 21 屆）接任。臺北市校友會第 6 屆理事長為學習家有限公司羊正鈺創辦人（企管所碩士班 99 級）。新竹市校友會第 1 屆理事長由工研院量測中心何展効校友（電機系 77 級）擔任。屏東縣校友會第 4 屆理事長為一二三富民有限公司姜昶名執行董事（EMBA 第 4 屆）。

傑出校友聯誼交流活動亦持續推動。113 年傑出校友聯誼會舉行年度聚會與會長交接典禮，由第 10 屆會長——振聯股份有限公司曾秋聯董事長（EMBA 第 18 屆）正式交棒予第 11 屆會長——總翔企業股份有限公司胡綯貿董事長（化學系 78 級）。活動同時歡迎 113 學年度新科傑出校友加入聯誼會行列，強化校友社群間的連結與資源共享，促進專業領域與實務經驗的交流互惠。



In terms of alumni networking, the respective presidents of NSYSU Alumni Association and regional alumni associations, and the chairperson of the NSYSU Outstanding Alumni Association are as follows: Chung-Hui HUANG (EMBA 2013, an outstanding alumnus and the Chairman of HSIN BA BA Business Co., Ltd.) is the 11th President of the NSYSU Alumni Association. In 2025, Chih-Hsiung Vincent FANG (EMBA 2016, the Vice President of Lion Travel) assumes the position of the 7th President of the Tainan-based NSYSU Alumni Association; also in 2025, Lun-Hao Lucas KUO (EMBA 2020, currently with Cheng-Tung Co., Ltd.) assumes the position of the 10th President of the Kaohsiung-based NSYSU Alumni Association. Cheng-Yu YANG (MBA in Business Management 2010, the Founder of mutahead Co., Ltd.) is the 6th President of the Taipei-based NSYSU Alumni Association. Chan-Hsiao HO (Department of Electrical Engineering 1988, currently with Center for Measurement Standards at the Industrial Technology Research Institute) is the 1st President of the Hsinchu-based NSYSU Alumni Association. Cai-Ming JIANG (EMBA 2003, the Executive Director of 123 Fumin Co., Ltd.) is the 4th President of the Pingtung-based NSYSU Alumni Association.

The NSYSU Outstanding Alumni Network continues hosting networking activities. In 2024, its annual gathering as well as the presidential handover ceremony was held, during which the 10th President Chiu-Lien TSENG (EMBA 2017, the Chairman of Chen Lan Recycling Co., Ltd.) officially passed the leadership baton to the 11th President Hsuan-Mao Robert HU (Department of Chemistry 1989, the Chairman of Anatek Enterprise Co., Ltd.). Meanwhile, the events also welcomed the newly inducted 2024 NSYSU outstanding alumni, enhancing connections and resource sharing within the alumni community and fostering the exchange of professional expertise and practical experience.

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。

- 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），其公司獲 2025 年第 21 屆《遠見》ESG 企業永續獎「傑出方案－教育推廣組」中小企業獎殊榮。
- 傑出校友、中山大學通訊工程研究所溫朝凱教授（電機系 87 級）榮獲國科會 113 年度傑出研究獎。
- 大衛太陽能陳鄭彥董事長（EMBA 第 19 屆）榮獲國家品牌玉山獎（傑出企業類）。
- 金築建設有限公司洪瑞堂經理（經濟所 102 級）榮獲國際設計獎項協會 2024「美國繆思設計大獎」金獎。
- 傑出校友、清華大學化學工程學系何榮銘教授（材光系碩士班 77 級）獲教育部第 68 屆學術獎（工程及應用科學類）。
- 欣亞數位股份有限公司魏碧芬董事長（EMBA 第 13 屆）、正修科技大學資訊管理系馬維銘兼任教授（資管系碩士班 94 級）以及元植管理顧問有限公司林瑋鍾總經理（資管系 93 級）榮獲全球首屆十大頂尖敏捷 CEO，成為教育界以及 ESG 永續產業敏捷楷模。

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

Eric H. C. LEE (an outstanding alumnus graduating from EMBA in 2005 and the current Chairman of Jiu Zhen Nan Foods Co., Ltd.) led the company to win the SME Award in the "Outstanding Project – Education Promotion Category" at the 21st *Global Views Monthly* ESG Corporate Sustainability Awards in 2025.

Chao-Kai WEN (an outstanding alumnus graduating from the Department of Electrical Engineering in 1998 and the current Professor at NSYSU's Institute of Communications Engineering) was honored with the 2024 Academic Outstanding Research Award by the National Science and Technology Council.

Cheng-Yen CHEN (graduating from EMBA in 2018 and the current Chairman of David Solar Energy Co., Ltd.) received the National Brand Yushan Award in the category of "Outstanding Enterprise."

Jui-Tang HUNG (graduating from the Institute of Economics in 2013 and the current Manager of JinZhu Construction Co., Ltd.) won the Gold Winner of the 2024 MUSE Design Awards by the International Awards Associate (IAA).

Rong-Ming HO (an outstanding alumnus graduating from the Master's Program in Department of Materials and Optoelectronic Science in 1988 and the current Professor at National Tsing Hua University's Department of Chemical Engineering) received the Ministry of Education's 68th Annual Academic Award in the Engineering and Applied Sciences category.

Pi-Fen Vicky WEI (graduating from EMBA in 2012 and the current Chairwoman of Sinya Digital Co., Ltd.), Wei-Ming MA (graduating from the Master's Program in Department of Information Management in 2005 and the current Adjunct Professor at Cheng Shiu University's Department of Information Management), and Wei-Chung Vincent LIN (graduating from the Department of Information Management in 2004 and the current General Manager of Yuan Chih Management Consulting Co., Ltd.) were recognized as three of the world's first Top 10 Global Agile CEO Awards, exemplifying agility in both education and the ESG industry sustainability.

- 千司樂空間設計公司王宗琳（行傳所 93 級）榮獲國際設計獎項協會 2024「美國繆思設計大獎」銀獎。

- 傑出校友呂坤修中將（EMBA 第 20 屆）於 113 年 8 月由陸軍第八軍團指揮部指揮官升任為陸軍副司令，時隔不到 5 個月，於 114 年 1 月再升任陸軍司令，晉任陸軍二級上將。

- 高雄市鳳山區新甲國民小學薛瑞君校長（教育所碩士班 91 級）榮獲 113 年第 11 屆教育部藝術教育貢獻獎「活動奉獻獎」。

- 高雄市鳳山國民中學林季玲校長（教育所博士班 107 級）於 113 年度教育部教學卓越獎，帶領高雄市鳳山國中榮獲金質獎。



Chung-Lin Carrent WANG (graduating from the Institute of Marketing Communication in 2004 and currently with Charisma Design) won the Silver Winner of the 2024 MUSE Design Awards by the International Awards Associate (IAA).

Kun-Siou LU (an outstanding alumnus graduating from EMBA in 2019) was promoted from Commander of the 8th ROC Army Corps to Deputy Commanding General of the ROC Army in August 2024; within just five months, then-Lieutenant General LU was further promoted to General (OF-9) and assumed the role as Commanding General of the ROC Army in January 2025.

Rei-Chun HSEUH (graduating from the Master's Program in the Institute of Education in 2002 and the current Principal of Hsin Chya Elementary School in Fongshan District, Kaohsiung City) received the "Inspiring Dedication Award" at the 11th MOE Arts Education Contribution Awards in 2024.

Chi-Ling LIN (graduating from Doctoral Program in the Institute of Education in 2018 and the current Principal of Kaohsiung Municipal Fongshan Junior High School) led the school to win the Golden Quality Award at the MOE's 2024 Excellent Teacher Awards.





Sanchia Environment Protection donating TWD 5 million to support top academic talent

NSYSU received a generous a donation of TWD 5 million from Sanchia Environment Protection Co., Ltd. to establish the "Top Talent Fellowship," aimed at attracting, nurturing, and retaining top domestic and international talent in the field of industry-academic collaboration. The fund serves as a strong support for the University's future education and research while enhancing its internationalization. Its chairman Hui WANG, an alumnus of NSYSU's Executive Master of Public Policy Program (EMPP), not only made a single donation of that amount but also pledged to continue supporting the University for the next decade. He believes education is a powerful force for shaping the future. Thus, he supports his alma mater through concrete

action and strives to improve the quality of education, innovation, and research. Besides, the chairman Chao-Kun HSIA of HUA YONG Machine Industry Co., Ltd. and the chairman Eric H. C. LEE of Jiu Zhen Nan Foods Co., Ltd., both EMBA alumni, also enthusiastically responded by donating TWD 2 million and TWD 1 million respectively to support the "Top Talent Fellowship."

三珈環保企業捐贈 500 萬元 獎助頂尖教研人才

本校獲三珈環保企業集團捐贈 500 萬元，用以支持設立「頂尖人才獎勵金」，來吸引、培育並留住學術與產學合作領域的國內外頂尖人才，為未來的教育與研究提供堅實助力，並提升國際化程度。三珈環保企業集團汪輝董事長為高階公共政策碩士學程在職專班（EMPP）校友，不僅一次性捐贈 500 萬元，更承諾為期 10 年持續捐款。他認為教育是改變未來的力量，以實際行動支持母校發展，為提升教育、創新及研究品質而努力。此外，同為 EMBA 校友的華鑄機械工業股份有限公司夏朝崐董事長與舊振南食品股份有限公司李雄慶董事長亦熱心響應，分別捐贈 200 萬元及 100 萬元支持「頂尖人才獎勵金」。



海科院設捐贈芳名牆 致敬十年涓滴成海

為感謝長年支持海洋研究與教育發展的捐贈者，海洋科學學院設立「捐贈芳名牆」，向過去十年來的捐贈者致敬，象徵教育與研究資源的累積與傳承，展現推動海洋永續的堅定承諾。由校友總會黃烱輝理事長、宇泰工程陳吉紀董事長、宏華營造劉恩昊副總經理、國立海洋生物博物館溫志宏館長、台灣海洋產業聯合會邱永芳理事長，及台灣海洋大學黃將修特聘教授等 18 名捐款貴賓共同揭幕見證，期望學界持續轉化研究成果、教師貢獻專業知識、企業給予有力支持，為海洋永續教育齊心努力。

College of Marine Sciences unveiling the Donor Wall to honor a decade of support

The "Donor Wall" is erected by the College of Marine Sciences to honor its long-term donors in marine research and education, and pays tribute to the donors over the past decade, symbolizing the growth and legacy of educational and research resources and reaffirming a shared commitment to ocean sustainability. Eighteen distinguished donors jointly unveiled the wall; they are NSYSU Alumni Association President Chung-Hui HUANG, Chairman Chi-Chi CHEN of Union-Tech Engineering Consultants Co., Deputy General Manager En-Haw LIOU of Hung Hua Construction Co., Ltd., Director General Zhi-Hong WEN of the National Museum of Marine Biology and Aquarium, Chairman Yung-Fang CHIU of the Taiwan Marine Industry Association, Distinguished Professor Jiang-Shiou HWANG of National Taiwan Ocean University. To advance sustainable marine education collaboratively, the academic community is expected to continue transforming research achievements, the faculty to contribute their professional expertise, and corporations to provide solid support.





感恩茶會頒獎 表彰捐款人助育才

校友服務暨社會責任中心舉辦「2024 年感恩頒獎茶會」，表彰多名傑出捐款人，為學校挹注資源，助力在醫學、科技、金融等領域的專業人才培育，為臺灣高教做出卓越貢獻。頒獎茶會特別邀請曾任校友總會第二、三屆理事長的龍慶鋼鐵企業股份有限公司謝進南董事長致詞，分享對於教育與捐款的想法，彰顯出校友與社會各界對教育事業的熱情與支持。活動同時頒贈獎學金，鼓勵立志拓展國際視野的學子勇敢追夢，無後顧之憂。

Honoring donors at Gratitude Tea Party for supporting talent cultivation

The Center for Alumni Services and Social Engagement held "The 2024 Gratitude Award Tea Party" to recognize outstanding donors who provided valuable resources to support the cultivation of professionals in fields such as medicine, technology, and finance, making significant contributions to Taiwan's higher education. Chin-Nan HSIEH, the 2nd & 3rd NSYSU Alumni Association President and the chairman of Lung Ching Steel Enterprise Co., Ltd., was invited to share his insights on education and philanthropy, highlighting the enthusiasm and dedication of alumni and the society for education. During the event, the students aspiring to broaden their international horizons were awarded the scholarships that help realize their dreams without financial concerns.





高齡築夢、永續行動、性別平等 攜雷科圓夢

實現夢想的過程也能成為翻轉社會的力量。管理學院大學社會責任實踐計畫攜手雷科股份有限公司，與高雄市兩岸合作事務促進會舉辦第三屆「翻轉築夢高雄組」圓夢計畫。獲選提案聚焦三大議題：「高齡築夢」－創造青銀共學、團隊合作及情緒表達；「永續行動」－辦理社區參與食物永續行動策略工作坊互動交流；「性別平等」－透過教育改變社會，以尊重和同理心對待。透過跨界合作力量，促成多項創新專案，深化社會參與價值。

NSYSU collaborating with Laser Tek to empower dreams for the elderly and promote sustainability and gender equity

It is possible to generate a force of transforming society in the midst of realizing dreams. The team of NSYSU's University Social Responsibility (USR) Project of the College of Management launched the third "Dream Building Kaohsiung, Dream-Come-True Project," in collaboration with Laser Tek Taiwan Co., Ltd. and the Kaohsiung Cross-Strait Cooperation Association. The proposals selected for the project focus on three core themes: "Empowering the Elderly" by means of intergenerational learning, teamwork, and the expression of emotions, "Sustainable Practices" through community workshops on sustainable food, and "Gender Equity" via educational outreach to foster respect and empathy. With the support of cross-sector partnerships, the project sparks innovative initiatives and deepens the value of social engagement.





廢棄荔枝木變身彈珠台 促永續農村

管理學院大學社會責任實踐計畫攜手在地企業雷科公司及高雄市政府農業局，於旗山南勝社區舉辦「美荔樂活」農村交響宴。除集結本校師生、企業員工、眷屬及農業局代表外，還邀請居民、長者、13家社區及青創團體加入農村奧運會，體驗農廢再利用製成的古早童玩闖關活動、手作DIY環保餐具，並品嚐地方特產。超過400名參與者支持在地食農教育，感受青銀共融，體現「產官學社」四方協作效益，為永續發展、社會責任及地方振興樹立典範。



Upcycling lychee wood into pinball games and promoting rural sustainability

The "Lychee Symphony Festival" was held in Nansheng Community of Cishan District, under NSYSU's University Social Responsibility (USR) Project of the College of Management, in partnership with Laser Tek Taiwan Co., Ltd. and the Agriculture Bureau of Kaohsiung City Government. The event brought together NSYSU faculty and students, corporate employees with their families, locals, and seniors, as well as 13 communities and youth groups.

During the festival, a countryside sports day was organized with various activities, including traditional games made from agricultural waste, hands-on DIY eco-friendly tableware, and tasting of local specialties. Over 400 participants explored local produce and agriculture education and experienced intergenerational bonding. Through these efforts, the industry, government, academia, and communities demonstrate collaborative strength, exemplifying sustainable development, social responsibility, and local revitalization.

台語歌巡演助高齡照護 海廢再生推永續教育

管理學院大學社會責任實踐計畫與雷科股份有限公司、高雄市兩岸合作事務促進會及德凡士科技工程有限公司合作，資助高雄樂團「六藝樂集」至 11 家長照機構巡演，透過台語歌謠撫慰 510 名長者與照護人員，喚起對高齡照護的關注。此外，也支持「永續設計平台」海廢升級再造計畫，於高雄 17 所國小推動 22 場環境教育與海廢再生手作課程，並赴旗津淨灘、舉辦海廢拼貼展，累計逾 12,000 人次參與，結合知識與實作、在地連結與美感教育，永續扎根。

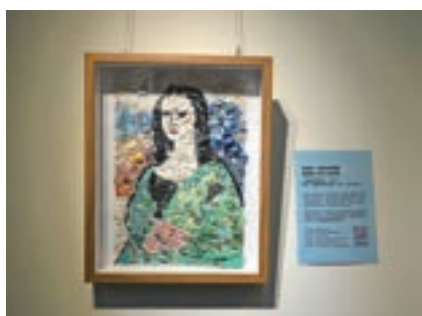


Bringing Taiwanese songs to elderly care and promoting sustainable education through marine waste upcycling



The Kaohsiung orchestra "Six Arts Music" toured 11 elderly care institutions, sponsored by NSYSU's University Social Responsibility (USR) Project of the College of Management, Laser Tek Taiwan Co., Ltd., Kaohsiung Cross-Strait Cooperation Association, and Advance Engineering Co., Ltd. The orchestra not only brought comfort and joy to 510 elders and caregivers through Taiwanese folk songs, but also raised awareness of aging-related care. These sponsors also supported the "Sustainable Design Platform" for the upcycling of marine

waste, offering 22 environmental education courses and hands-on workshops at 17 elementary schools in Kaohsiung. Moreover, a beach cleanup was launched in Cijin, accompanied by an exhibition on marine waste collage, and over 12,000 participants engaged in sustainability through knowledge and practice, local connections, and aesthetic education.



113 學年度傑出校友 2024 Outstanding Alumni Awards

姓名 Name	畢業系別與年度 Education and graduation year	當選類別 Award category
王正中 Cheng-Chung WANG	化學系學士班 86 級、化學系碩士班 88 級 Department of Chemistry, BS, 1997, MS, 1999	學術卓越 Academic Excellence
溫朝凱 Chao-Kai WEN	電機工程學系學士班 87 級 Department of Electrical Engineering, BS, 1998	學術卓越 Academic Excellence
陳政興 Jason CHEN	機械與機電工程學系碩士班 78 級 Department of Mechanical and Electro-Mechanical Engineering, MS, 1989	工商菁英 Business Elite
李啟良 David LEE	高階經營碩士學程在職專班第 10 屆 Executive Master of Business Administration (EMBA), 2009	工商菁英 Business Elite
張至維 Chih-Wei CHANG	海洋生物科技暨資源學系學士班 84 級 Department of Marine Biotechnology and Resources, BS, 1995	社會服務 Social Service
曾芳玲 Fang Ling TSENG	中國文學系學士班 78 級 Department of Chinese Literature, BA, 1989	人文藝術 Humanities and Arts





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