National Chung Hsing University

Accomplishments and Highlights of the 2025 Higher Education Sprout Project

PART. 01

Take Teaching as the Core

Take Teaching as the Core

Strategy 1
Promoting Students' Cross-disciplinary Learning

1. Optimizing cross-disciplinary development mechanisms
2. Creating cross-disciplinary support systems
3. Perfecting the cross-disciplinary course framework

Strategy 2
Advancing Teaching Innovation and Refinement

1. Advancing innovative curriculum planning
2. Strengthening teaching support for faculty
3. Developing core college-level teaching

Strategy 3
Strengthening Students' Self-directed Learning

1. Building diverse self-directed learning pathways
2. Expanding self-directed learning support systems
3. Establishing self-directed learning outcome evaluations

Strategy 4
Enhancing International Mobility

1. Deepening and broadening international collaboration mechanisms
2. Optimizing the international education environment
3. Enhancing students' international experience

I. Promoting Students' Cross-Disciplinary Learning

❶Optimizing Cross-Disciplinary Development Mechanisms and Fully Elevating Cross-Disciplinary Pathways

- **New University Interdisciplinary Bachelor's Degree** and **College-wide Bachelor's Degree** programs were introduced, **expanding cross-disciplinary learning pathways to eight categories.**

- The University Interdisciplinary Bachelor's Degree structure is being improved, with **establishment of a review mechanism, flexible graduation policy, and a publicity platform.**

- **New College-wide Bachelor's Degree programs were set up in five colleges**: Liberal Arts, Agriculture, Science, Management, and Engineering.

Cross-disciplinary learning pathways

❷Establishing Cross-Disciplinary Support Systems to Shape Dedicated Learning Pathways

- **New "Academic Advising Consultation"** services were launched, with **131 advisors, who have completed 29 advisory sessions to date.**

- **"Cross-Disciplinary Career Exploration"** courses were offered; a total of **3,053 student enrollments** were recorded in 2025.

- The six-credit **"Cross-Disciplinary Exploration Credits"** system was newly planned; since its implementation in 2025, **25 students have benefited.**

Academic advising consultation

❸Perfecting the Cross-Disciplinary Course Framework and Gradually Expanding the AI Learning Map

- **12 bridging courses** in General Physics, General Chemistry, and Calculus were offered, with **647 students enrolled.**

- The number of students **completing STEAM-related coursework** grew from 1,259 in 2024 to **1,317** in 2025.

- Each college has advanced AI-integrated courses, offering **AI General Education, AI Core, AI Advanced, and AI Cross-Disciplinary Courses.**

AI-integrated courses

4

II. Advancing Teaching Innovation and Refinement

❶**Innovative Curriculum Initiatives Yield Significant Results**

- ◆ The faculty offered courses incorporating **self-directed learning** elements. These **increased from 118 courses in 2024 to 127 in 2025.**
- ◆ Courses drawing on each college's teaching strengths drove **the development of diverse AI Credit-Based Programs and AI Specialization Modules.**
- ◆ Faculty from different departments formed communities to jointly plan **cross-disciplinary co-instructed courses.**

Student project outcomes

❷**Strengthening Teaching-Support Mechanisms to Effectively Foster Faculty Collaboration Across Disciplines**

- ◆ **37** teaching-competency workshops were organized, supporting **634** teaching assistants at the university or college level.
- ◆ **A community-recruitment platform was pioneered, and two faculty communities focused on "AI-Integrated Courses" and "Multi-Assessment Development" were successfully formed.**
- ◆ **In 2025, there are 35 faculty communities**, with deepening collaboration across faculty groups.
- ◆ Industry experts were invited to participate in **66 courses**, and **130 enterprises and institutions** were partnered with.

Faculty communities

❸**Developing Core College Teaching and Improving Modular Course Planning**

- ◆ University-wide, **34 departments/programs** have approved courses, driving **86 specialized modules** forward.
- ◆ The **number of "Modular Courses"** rose from 970 in 2024 to **1,587 in 2025**, reflecting remarkable progress in expanding modular course offerings.

Course activities

III. Strengthening Students' Self-Directed Learning (1/2)

❶ **Diverse Self-directed Learning Channels have been Comprehensively Established, Effectively Expanding Students' Learning Resources.**

- ◆ **A new "student-driven course-funding" initiative** was introduced, allowing approved students to serve as **"student instructors"** of successfully funded micro-courses.

- ◆ **A new student self-learning project** was launched, in which students integrated "literature, art, and entomology" from exhibit concept to completion of the "Creative Insect Arts" exhibit.

- ◆ **A total of 133 student teams have been formed**, continually advancing their professional applications and self-directed learning capabilities.

❷ **An Expanded Self-directed Learning-support System is Steadily Enhancing Students' Motivation to Learn.**

- ◆ With the self-directed learning mechanism now well established, **620 students earned self-directed learning credits in 2025.**

- ◆ A total of **1,583** students **participated in self-directed learning courses or projects.**

- ◆ **Digital English-proficiency assessments** reached **2,475** participants.

Student self-learning project
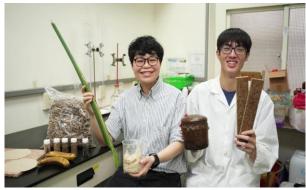

Works from students' practical sessions

Course activities

III. Strengthening Students' Self-Directed Learning

❸**Student Innovation Teams Continue to Achieve New Breakthroughs, Frequently Earning Top Honors in Competitions.**

- 6th "Make Your Mark" Planning and Implementation Competition: The "Intelligent Guardian" team won the **Gold Award.**

- Green Chemistry Innovation Competition: The "Green House Banana Team" captured the **Gold Award** in the College Division.

- 6th National Youth Agriculturist Education Orchid Landscape Design Competition: A student team from the Bio-Industry Management Program claimed the **Gold Medal** in the Student Landscape Design Competition.

- 2025 Taiwan Ocean International Youth Forum: The FinTrek team was awarded the **Gold Award** in the Youth Division.

- 7th Green Ideas International Invention and Design Competition 2025: Six teams from our university earned **one Titanium Award**, **three Silver Awards**, and **two Bronze Awards.**

The winning project in Green Chemistry
Innovation Competition

Award-winning student team

2025 Taiwan Ocean International Youth
Forum Award-winning student team

IV. Enhancing International Mobility (1/2)

❶ **Strengthening Sister-University Partnerships and Global Connectivity**

- **Expanding Top-Tier Sister-University Partnerships**: The university established partnerships with 10 **globally top-500** universities, further extending collaborations in Southwest Asia (**Oman**). It also launched three new **dual-degree programs** with partner institutions in Japan, Thailand, and the United States. In 2025, **22** dual-degree students participated in exchanges (7 inbound, 15 outbound).

- **Enhancing Chinese-Language Education**: Under the Taiwan HUAYU BEST program in partnership with five US universities, the university hosted study groups from CUNY, BYU, and UTD. Through the **UAAT-TAMUS** Chinese Language Program, the university also explored opportunities for site collaboration. In total, **143** US faculty and students visited NCHU in 2025 for Chinese-language learning.

- **Establishing New Overseas Bases (INTENSE Program)**: The university established three sites in the **Philippines** and **Thailand** to offer Chinese-language courses and host education fairs.

❷ **Building a Diverse Internationalized Educational Environment**

- **Enhancing International Student Recruitment:** Over half of the university's degree programs (90 out of 155) offer sufficient English-taught coursework for graduation. The university also provides **nine** fully **English-taught programs** and three INTENSE programs.

- **Boosting English-Taught Courses:** Over half (90/155) of the degree programs provide sufficient English-taught courses for graduation. There are **nine fully English-taught programs** and three INTENSE programs.

- **Expanding Short-term Programs:** The university organized Summer University, the **New Southbound Policy Elite Study Program**, and the Taiwan–US Agricultural Youth Exchange Camp, serving a total of **125 participants**.

MOU Signing Ceremony with German University of Technology in Oman

Promotion by International Student Aabassadors

International Student Cultural Experiences

Taiwan–US Agricultural Youth Exchange Camp

IV. Enhancing International Mobility (2/2)

❸ **Enhancing Students' International Experiences and Fostering a Global Perspective**

- **Promoting Overseas Exchange Programs:** A total of **200** students were selected for **overseas exchange**. The university held seven "Study-Abroad Orientation and Experience-Sharing" sessions, attracting **874 participants**, and launched the new *Bridge of Hope* Scholarship for financially or culturally disadvantaged students.

- **Training International Volunteers:** Three volunteer teams, comprising 65 members, engaged in service both domestically and abroad. Four workshops co-hosted with the International Cooperation and Development Fund (ICDF) attracted a total of 104 participants.

- **Deepening International Exchange Activities**: In coordination with "**My NCHU Era**" and the Taiwan HUAYU BEST program (Hands Together Project, 7 events with 247 participants), the university organized approximately **128** international exchange and community service events in 2025, reaching around **6,597** participants.

International Volunteers Deployed to Nepal

Cultural Performance Activities by International Students for the University Anniversary

PART. 02

Fulfilling Social Responsibility

Fulfilling Social Responsibility

| Strategy 1 | Strategy 2 | Strategy 3 | Strategy 4 | Strategy 5 |

Cross-domain Resource Integration

Strengthening Faculty and Student Engagement

Designing Innovative Courses

Advancing Distinctive Research

Building a Resilient Campus

Strategy 1 — Cross-domain Resource Integration
1. Establishing a comprehensive USR program development mechanism
2. Strengthening cross-disciplinary integration mechanisms

Strategy 2 — Strengthening Faculty and Student Engagement
1. Fostering a USR-oriented campus environment to increase participation among faculty and students
2. Monitoring the progress of policy revisions

Strategy 3 — Designing Innovative Courses
1. Deepening the mechanism for community-oriented course guidance
2. Developing outcome-evaluation methods for student community-oriented learning courses

Strategy 4 — Advancing Distinctive Research
1. Reviewing alignment of USR project topics with the SDGs
2. Identifying the university's strongest SDGs
3. Comparing gaps between USR projects and the university's strongest SDGs

Strategy 5 — Building a Resilient Campus
1. Continuing to promote emergency-response mechanisms
2. Creating a safe and reassuring learning environment
3. Initiating holistic governance for a resilient and inclusive campus

I. Cross-domain Resource Integration

❶**Establishing a Comprehensive USR Program Development Mechanism**

- **Pitch meetings:** In 2025, one pitch meeting was held, with four project applications, **and three seed-type USR projects were approved.**

- **Development mechanism:** In 2025, the university-level USR Office organized **four mentoring sessions**, inviting external experts to review proposals and assist USR teams in refining and deepening project content.

❷**Leveraging Extensive External Resources to Form Cross-disciplinary Teams**

- **NUST USR and local revitalization working circle:** On October 31, 2025, the "**Green Shade Over the Stream, Cross-Domain Collaboration—NUST USR and Green River Living Day Joint Exhibition**" was held, featuring **11 USR project teams, 1 academic unit, and 4 nonprofit organizations** that jointly showcased outcomes in social responsibility, with **approximately 330 participants**.

❸**Establishing the Nantou Local Care and Revitalization Base**

- **USR Action Advance Base:** Activities are regularly held at Zhongxing New Village, with faculty, students, and local residents participating jointly.

- **USR Nantou Branch Workstation**: Office and study space is provided for faculty and students on-site, reducing travel back and forth to Nantou field locations and effectively enhancing operational efficiency and local engagement.

- **Local Revitalization Collaborative Platform**: Venue resources are provided for local communities, youth startup teams, and social-innovation organizations, increasing connections with local groups.

Sharing experiences in implementing USR projects

Invited external experts to offer guidance

Various universities, nonprofit organizations, and the city government joined forces.

12

II. Strengthening Faculty and Student Engagement

❶**Building a Socially Responsible Campus Atmosphere to Boost Participation Among Faculty and Students**

- ◆ **Faculty participation count:** In 2024, **112** instances of faculty participation were recorded; in 2025, this rose to **149**, an increase of 33%.

- ◆ **Recognizing outstanding USR faculty**:
  - **Two faculty members leading USR projects were promoted to associate professors.**
  - **Three teachers who actively participated in** USR projects **were selected as Outstanding Service Faculty in 2025**.
  - Assistant Professor Teng Tzu-Yun, from the "Stray LOHAS Project," received the **Wu Ta-You Memorial Award**.

- ◆ **USR Service Excellence Award:** In 2025, **four faculty, five staff, and ten students** took part in the selection process.

- ◆ **Participation in on-campus and off-campus events:**
  - The 2025 Higher Education Sprout Project–USR Achievement Exhibition was held, showcasing **eight projects (including seed projects).**
  - Participated in the Ministry of Education USR EXPO, featuring **one international collaboration project and four emerging projects.**
  - Participated in the Library Sustainable Reading Festival on April 30.

- ◆ **Special promotions:**
  - **Over 63 articles** posted on social media platforms or alumni apps, **reaching more than 9,212 views**.
  - **Podcast interviews with three USR teams** were completed, and **four episodes** were released on the official NCHU Podcast.
  - **The 2024 USR Annual Report was published**, highlighting the social value and impact of USR projects.

❷**Revisions to Guidelines and Regulations**

Guidelines/Measures	Revised Content
◆ Key Points for Setting Up the Social Responsibility Promotion Committee	The number of student representatives increased from one to two (one each from the Student Association and Student Council).
◆ Excellent Service in Social Practice Award Regulations	Revised wording in Article 3 for greater precision

Library Sustainable Reading Festival

2025 Higher Education Sprout Project–USR Achievement Exhibition

2025 USR EXPO

NCHU Podcast Team Interviews

13

III. Designing Innovative Courses

❶ **The Number of Social Practice−series Innovation Courses and Beneficiaries Continues to Grow Steadily**

- **Enrollment in social practice−series innovation courses for daytime undergraduate programs**:
  - In 2022, **1,586** total enrollments, with an enrollment rate of 19.9%. In 2023, this rose to **1,887** enrollments (23.4%).
  - In 2024, **2,057** enrollments, with an enrollment rate of 25.51%. In 2025, this rose to **3,209** enrollments (**39.5%**).
- **Animal Welfare Certificate Program**: Enrollment has reached **96 students**

❷ **Establishing the "NCHU Social Practice and Impact Assessment System"**

- **Purpose of evaluation:** To thoroughly assess the social benefits generated by USR projects and analyze the transformations and impacts on stakeholders.
- In 2025, **one kickoff meeting**, **two SROI training sessions**, and **three project consultations** were organized to ensure that each project met expected goals and created tangible social benefits.
- In response to the Ministry of Education's recommendation to adopt SROI methodology, efforts continue to build capacity among USR project faculty and student teams in applying SROI evaluations.

DATE	EVENT NAME	DESCRIPTION
03/18/2025	Kickoff Meeting	Overall planning for the SROI support program
06/19/2025	SROI Training Session	SROI Practical Exercise
06/24/2025	SROI Training Session	SROI Practical Exercise
07/28/2025	SROI Project Consultation	SROI evaluation methods for each project
09/01/2025	SROI Project Consultation	SROI evaluation methods for each project
10/02/2025	SROI Project Consultation	SROI evaluation methods for each project

USR Office Executive Director's explanation of program planning

USR Plan Team Faculty and Student Mentoring Sessions

IV. Advancing Distinctive Research

相對活躍指數 (RAI)

❶ **Introducing USR into Key SDGs for Research**

◆ The university-level IR Center conducts annual analyses of the university's featured research areas for SDGs, producing an annual **difference-analysis report on USR projects and the university's core SDGs** for 2023 to 2025:

- **Establishing core areas of research strength:** Over the past five years (2020–2024), the university has maintained higher-than-global-average levels of activity for SDGs 2, 3, 6, 7, 12, 13, and 15, making them the school's strong suits in research.

- **Eight USR projects with core strengths:** By linking eight USR projects with the strong research areas identified for 2020–2024, **the university has identified SDGs 2, 3, 6, 7, 12, and 15 as its core research strengths for the USR program in 2025**.

- **Deepening trends in USR projects corresponding to research strengths:** The number of **projects aligned with the university's strong research fields** increased from three areas (SDGs 9, 11, 15) in 2022 to **six areas (SDGs 2, 3, 6, 7, 12, 15) by 2025.**

8 USR Projects in 2025 (corresponding to 11 SDGs)

Research Strengths from 2020–2024 (7 SDGs)

❷ **Concurrent Growth For Faculty and Student Teams**

◆ **Project consultation meetings: Four consultation meetings were convened**, with external experts invited to provide practical recommendations for execution.

◆ **Assistant training sessions: Two training sessions were held for assistants**: "Let Gemini Help You Write a Great Proposal!" and Canva design techniques.

◆ **Faculty communities: Six faculty communities were formed** to facilitate cross-disciplinary team collaboration.

Canva Image Design Techniques Course

V. Building a Resilient Campus

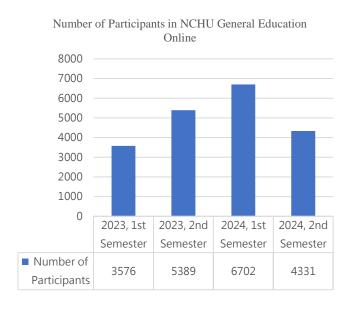**❶ Implementing an Emergency-response Mechanism as Needed**

◆ **Communicable Disease Emergency-Response Task Force: One pandemic emergency-response meeting was held on June 13.**

◆ **Promoting disaster-prevention specialist training: Thirty-four faculty, students, and partners obtained Disaster-Prevention Specialist licenses from the Ministry of the Interior.**

❷ Ongoing Promotion of NCHU General Education Online

◆ In academic year 2023, there were **8,965** participants (3,576 in the first semester; 5,389 in the second semester).

◆ In academic year 2024, there were **11,033** participants (6,702 in the first semester; 4,331 in the second semester).

❸ First Campus Sustainability Forum and publication of a Sustainability Report

◆ **Sustainability Forums: Two forums were held, with a total of 110 participants**, enhancing sustainability awareness among faculty and staff.

◆ Received two major awards from the **Taiwan Institute for Sustainable Energy Research**: **Taiwan's Outstanding Sustainability University Award and the Gold Award for Sustainability Reporting.**

Number of Participants in NCHU General Education Online

	2023, 1st Semester	2023, 2nd Semester	2024, 1st Semester	2024, 2nd Semester
Number of Participants	3576	5389	6702	4331

Disaster-Prevention Specialist Training Course

ESG Trends and Future Directions Course

Introduction to Sustainability and Core ESG Concepts Course

Sustainability Report

PART. 03

Industry University Cooperation

Industry University Collaboration

Strategy 1
Enhancing Students' Problem-Solving Ability

1. Broadening the depth of problem-solving analysis
2. Planning practical teaching courses to enhance problem-solving skills
3. Strengthening special-topic research and project competitions

Strategy 2
Enhancing Students' Career Development and Employability

1. Building a professional support and talent-search system
2. Continuing to deepen career advising and internship planning

Strategy 3
Strengthening Students' Innovation and Entrepreneurship Capabilities

1. Reinforcing entrepreneurial education and competition practice
2. Strengthening the startup base and case management

Strategy 4
Focusing on Advantageous Themes for Industry University Collaboration

1. Optimizing the incentive system for industry–university collaboration
2. Precisely targeting five major focus areas of industry–university collaboration
3. Enhancing talent training and employment mechanisms
4. Proactively linking with regional industry–university cooperation
5. Strengthening promotion of the university's faculty and student R&D achievements

I. Enhancing Students' Problem-Solving Ability

❶ **Promoting UCAN and Institutional Performance Management and Assessment to Comprehensively Improve Learning Effectiveness**

- The **UCAN general competency diagnostic** recorded a 71% pre-test completion rate, which is steadily rising; the **post-test** completion rate remains stable at **up to 95.04%**.

- According to institutional research analysis, "Problem-Solving Ability" showed the highest growth among core competencies.

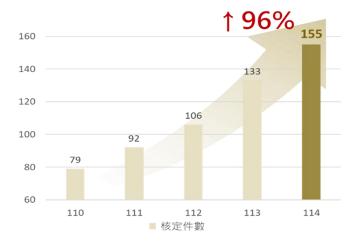❷ **Offering a wide range of practical courses to boost students' problem-solving capacity**

- Foundational practical courses have garnered positive feedback, with 356 students earning credits in 2025.

- The integrated course effectively unifies departmental learning. The number of courses increased from 60 in 2024 to 73 in 2025, indicating stable growth.

❸ **Encouraging Participation in Special Projects, Yielding Remarkable Results**

- An annual experience-sharing forum is held. In 2025, **155** proposals under the **National Science and Technology Council (NSTC) Undergraduate Research Program** received funding—a record high—**marking the second consecutive year the program ranked third among national universities.**

- In collaboration with industry, an **"AI Empowerment and Robotics in Smart Manufacturing Applications"** practical project competition attracted 38 teams, with 24 advancing to the finals, demonstrating the spirit of "industry-led questions and academic solutions."

Practical micro-course

Number of NSTC undergraduate research proposals approved in recent years

II. Enhancing Students' Career Development and Employability

❶**Building an "Industry Expert Talent Pool"**

- The **"Industry Expert Talent Pool"** has been continuously expanded by integrating an **international one-stop database portal** and offering an online search system. At present, **22 industry experts** and **105 academic advisors** are included, and the number of experts is steadily growing to help faculty connect with industry resources.

❷**Continuing to Deepen Career Advising and Internship Planning**

- 101 companies were invited to take part in the **Career Fair's** joint-recruitment event, featuring the **first NCHU Industry University Recruitment Section**, attracting more than 5,000 attendees, and offering 5,500 job positions. 40 companies participated in the **Internship Fair**, releasing 420 internship opportunities.

- In 2025, collaboration with **10 companies** on the **"NCHU Xingxueshu Mentorship Program"** program resulted in **57 events** with **1,529 participants. A total of 29 career- and competency-related activities** drew **890** participants. **Career consultation and aptitude assessments** assisted **563** students in clarifying their career options.

- Through theory–practice linkage**, "student participation in internships"** rose to **450** in 2025 (402 undergraduates), effectively boosting employability.

Nearly 100 premium companies joined the Career Fair

First-ever NCHU Industry–University Recruitment Section established

NCHU Xingxueshu Mentorship Program Launch ceremony

III. Strengthening Students' Innovation and Entrepreneurship Capabilities

❶ Reinforcing Entrepreneurial Education and Competition Practice

- The **"NCHU Entrepreneur Talks"** was organized. In 2025, **6** startup teams were invited to share their entrepreneurial experiences.
- Entrepreneurship courses were offered, guiding **27 teams** to acquire entrepreneurial expertise and marketplace brand-management skills.
- The student startup team **"Thunderbird Group"** earned an **Outstanding Award in the "U-start Innovation and Entrepreneurship Program,"** receiving **NT$950,000** in funding. In 2025, they formally established Bamboo Hat Smart Agriculture Technology Co., Ltd.
- The university's startup teams **"Smart Riding Guardian"** and **"StarBIA MediTek"** participated in the **"2025 CTSP Innovation Carnival,"** receiving the **"Potential Award"** in recognition of exceptional innovation and strong team execution.
- A **"Startup@NCHU Arena"** innovation and entrepreneurship competition is held annually to provide a platform for validating entrepreneurial strengths.

❷ Strengthening the Startup Base to Optimize Entrepreneurial Support for Faculty–Student Teams

- The **"Startup@NCHU Innovation Center"** was **pioneered**, allowing startup teams **to register their companies using the base's address**.
- **19** startup teams were based there in 2025. Two teams secured **NSTC and MOEA innovation grants** totaling **NT$25.56 million.**
- **8 spin-off enterprises** have been successfully incubated so far. The university-affiliated startup "Powin Biomedical" was officially **listed on the Emerging Stock Board** in 2025.
- MoonMarket in ShenJi New Village provides **business validation** opportunities, with **57 booth sessions** in 2025. A **"Market Practice Training Program"** was jointly implemented, cultivating **9 individuals with brand operation expertise.**
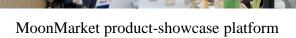

The "2025 CTSP Innovation Carnival" showcased the university's outstanding innovation and R&D capabilities

"NCHU Entrepreneur Talks" sharing and exchange session

MoonMarket product-showcase platform

IV. Focusing on Advantageous Themes for Industry University Collaboration (1/2)

❶ **Optimizing the Incentive System for Industry University Collaboration**

- ◆ Each semester, orientation and information sessions for new faculty are held, along with awards for outstanding industry–university projects and technology transfers. Faculty are encouraged to engage in industry–university collaboration. In 2025, **2 faculty members received Outstanding Technology Transfer Awards**, and 31 faculty members were granted flexible salary incentives for industry–university collaboration excellence.

❷ **Precisely Targeting Five Major Focus Areas of Industry University Collaboration**

- ◆ **Agri-food biotechnology:** The university's team promoted its "Tea Tree Expert Diagnostic System" to support sustainable tea production in India and collaborated with OIRSA **(an agricultural and livestock health care organization in Central America)** on industry outreach and disease prevention.

- ◆ **Smart manufacturing:** The university built Taiwan's largest campus smart-manufacturing training center with **AI-driven production lines,** partnered with **Siemens Taiwan Software** to cultivate mid- to high-level talent, and launched an "**International Industrial Talents Education Special Program**" to meet industry transformation needs.

- ◆ **Medical care:** The university linked resources among medical institutions, academia, and industry in Central Taiwan. In 2025, **3 medical innovation and patent matchmaking sessions** were held. The university promoted **55** bilateral projects together with Taichung Veterans General Hospital, Chung Shan Medical University, and Changhua Christian Hospital.

- ◆ **Green energy and carbon reduction:** The university established Taiwan's **first "campus microgrid"** to move toward a net-zero campus. It actively cultivated green-energy and carbon-reduction talent. In 2025, **129** individuals earned **international professional certifications**, demonstrating remarkable success in training sustainable professionals.

- ◆ **Information security:** The university advanced the **"Information and Personal Data-Security Technology and Services Industry University Alliance."** It collaborated with the Digital Affairs Bureau of Taichung City and major tech companies to host the "Secure the Future, Drive the New Frontier" cyber-governance workshop, attracting nearly 160 experts from industry, government, and academia.

2025 Outstanding Technology Transfer Award

The university visited Assam Agricultural University to promote technology

Medical Innovation and Patent Matchmaking Sessions

IV. Focusing on Advantageous Themes for Industry University Collaboration (2/2)

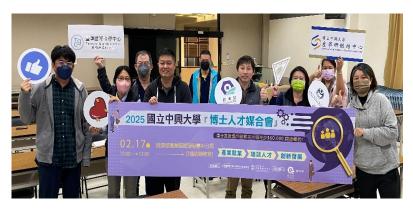❸ **Strengthening Advanced Talent Training and Employment Mechanisms**

- Through the Ministry of Education's **Industry–Academia Cooperative PhD (IAPhD) Project**, the number of participants reached **16**, accounting for 10.83%. That number has been steadily increasing each year.

- In partnership with **AUO**, an online and onsite **recruitment information session** and a **job fair for master's and doctoral students** drew **379 participants.**

❹ **Proactively Linking with Regional Industry University Cooperation**

- The university established the **"Taiwan Gloria Center (TGC)"** with nine other institutions. In 2025, TGC successfully applied to the "Central Taiwan Cross-Campus Integrated Research Commercialization Platform Project," securing **NT$42.33 million in funding**, of which the university received NT$13.68 million.

- In 2025, **8 companies received consulting and guidance;** partner companies were assisted in applying for industry–university collaboration projects exceeding NT$2.9 million, achieving mutually beneficial development across academia, government, and industry.

❺ **Strengthening Promotion of the University's Faculty and Student R&D Achievements**

- The university's team participated in the **"2025 Taiwan Innotech Expo,"** winning **1 Platinum Award, 2 Gold, 2 Silver, and 3 Bronze**, achieving noteworthy results.

- The university supported participation in the **"2025 BIO Asia-Taiwan Exhibition,"** where 11 teams, 3 member companies of the research commercialization platform, and 1 international partner showcased 14 technologies, increasing high-quality exposure.

Advanced talent employment matchmaking event

The 2025 Taiwan Innovation and Invention Competition yielded excellent results

PART. 04

Make Resources
More Public

Make Resources More Public

Strategy 1

**Enhancing Educational Assistance
Fostering Social Mobility**

1. Expanding enrollment quotas for economically or culturally disadvantaged students
2. Strengthening enrollment support services for remote high schools
3. Optimizing donation procedures to boost fundraising effectiveness
4. Enhancing academic support mechanisms

Strategy 2

**Promoting Indigenous Education for All
Building a Friendly Campus**

1. Strengthen operations by integrating the capacity of regional Indigenous resource center
2. Expanding learning and support resources for indigenous students
3. Deepening Indigenous education for all and showcase multicultural diversity

Strategy 3

**Guaranteeing the Rights of Students and Faculty
Disclosing Institutional Information**

1. Expanding faculty recruitment and retention capacity, and safeguard the faculty rights.
2. Encouraging students to participate in public affairs, promoting engagement in university governance
3. Enhancing transparency in university operations to increase public understanding

Strategy 4

**Advancing Institutional Research
Enhancing University Governance**

1. Integrating cross-system data
2. Strengthening professional development in institutional research
3. Expanding institutional research topics

I. Enhancing Educational Assistance and Fostering Social Mobility

❶ **Establishing the "Hsing-Wing Admissions Program" to increase enrollment opportunities for economically or culturally disadvantaged students**

◆ An additional admissions pathway named the "Hsing-Wing Admissions Program" was created. From the 2018 academic year to the 2025 academic year, enrollment slots have more than doubled, increasing from 26 to 56.

❷ **The fundraising fund have received a 1:1 matching grant from the Ministry of Education, with a maximum subsidy of NT$5 million for seven consecutive years.**

◆ The Hsing-Wing Scholarship accumulated donations of NT$33,188,764, and 61 grants were awarded in the 2025 academic year,

◆ The fundraising campaign aimed at making higher education more accessible has, for seven consecutive years, received a 1:1 matching grant from the Ministry of Education, with a maximum subsidy of NT$5 million.

❸ **Economically disadvantaged students participating in learning and support programs achieve higher average grades than general students**

◆ In the first semester of the 2024 academic year, the average score of participating student was 79.7 points, higher than the general students of 72.0.

❹ **Newly added multicultural support program for second-generation immigrant students**

◆ In the 2025 academic year, there were 591 second-generation immigrant students, accounting for about 4.1% of all students.

◆ According to the university's institutional research data, **second-generation immigrant students have a higher on-track enrollment rate than regular students.**

◆ The university assisted second-generation immigrant students in forming the "**NCHU Second-Generation Student Club**," increasing their understanding of their parents' cultural backgrounds.

"Hsing-Wing Scholarship" helping disadvantaged students move towards their dreams

The average score of participating student is higher than the general students.

Second-generation immigrant students Cultural lecture

Second-generation immigrant students Hsing-Wing

II. Promoting Indigenous Education for All and Building a Friendly Campus

❶**Enrollment Quotas for Indigenous Students Remain Stable**

- Through the Star Plan and Individual Application channels, additional slots for indigenous students remain stable.
- From the 2018 academic year to the 2025 academic year, a total of 1,188 indigenous enrollment slots were offered (488 via the Star Plan, 700 via Individual Application).

❷**Implementing Large-scale Indigenous-education Activities with the Central Region Indigenous Resource Center**

- In collaboration with the Central Region Indigenous Resource Center, Taichung City Government Indigenous Affairs Commission, and the Indigenous Cultural Center, the rich cultural heritage of indigenous peoples has been brought to faculty and students of NCHU.
- From 2023 to 2025, diverse topics were explored, including indigenous experiences, ethnic literature and flora, and the Atayal jaw harp. Participants expanded their perspectives to learn about indigenous cultures and traditional wisdom.

❸**Organizing a Diverse Range of Indigenous-focused Activities and Courses**

- From 2023 to 2025, 64 events were held, with 1,666 students and faculty members participating in nationwide indigenous-education activities.

❹**Collaborating with the Career Development Center to Organize Career-related Events**

- In 2025 academic year, a total of 43 events were held, with 1,067 participants.

The opening ceremony for Indigenous Education Week Exhibition

III. Guaranteeing the Rights of Students and Faculty and Disclosing Institutional Information

❶**Pioneering Multiple New Initiatives with Appropriate Faculty Measures and Operations**

- ◆ **Faculty members who are pregnant or raising children under age two can reduce teaching hours.**
- ◆ The university secured funding from the Ministry of Health and Welfare and established a childcare center in collaboration with external professional childcare providers to create a supportive work environment for faculty.
- ◆ **On weekends, parents in family vehicles with children under age six are exempt from campus parking fees.**

❷**Improving Student Communication Platforms and Strengthening Awareness of Student Rights Awareness**

- ◆ **gender-friendly restrooms has been added i**n the student activity center **, and free sanitary products** are provided for students.
- ◆ **Monthly dining discussions with Student Government is held to address concerns about campus and academic issues raised by students**, helping resolve operational difficulties.
- ◆ **Organize the Appointments with the President each semester** to understand student suggestions for the university.
- ◆ **Establish a "University Feedback System"** for faculty and students to collect feedback and provide responses.

❸**Ensuring Transparency and Openness in Institutional Operations**

- ◆ Institutional information is made publicly accessible via a visualization platform.
- ◆ **A weekly electronic newsletter is issued** through NCHU News and press conferences to share important university information.
- ◆ Various university updates are occasionally posted on social media, podcasts, and the university website.
- ◆ Academic promotion through English news network, English magazine NCHU ARCH, and publication of the NCHU Academic Yearbook.

Renovated dormitories at the Nantou campus

Free sanitary products available

Weekly issued electronic newsletter

Institutional information is made publicly accessible via a visualization platform

IV. Advancing Institutional Research and Enhancing University Governance

❶ **Optimizing the Institutional Research Database and Advancing Information Disclosure and Visualization**

◆ Newly added data sets include UCAN pre- and post-tests, academic donations, and longitudinal tables on learning outcomes. In total, 161 data tables spanning 13 years have been compiled, exceeding 8.2 million records.

◆ Five new automated data-cleaning modules have been introduced, and four automated consolidated-analysis data sets have been optimized.

◆ Two visualization platforms—"Institutional Research Analysis" and "Institutional Information Disclosure"— demonstrate analyses of historical issues, continually updating seven categories containing 22 public-information visualization topics.

❷ **Expanding Institutional Research Topics and Implementing Evidence-Based Governance**

◆ Eleven analyses have been completed across five dimensions: teaching innovation (3), social responsibility (2), industry–university collaboration (4), making higher education more accessible (2), and international administrative support systems (2).

❸ **Strengthening the Integration of Institutional Systems to Improve Data Management Efficiency**

◆ Twenty forms in and faculty evaluations. the university database have been optimized to enable added value across systems.

◆ Newly established systems include the "Language Certification Management System," "Smart-Asset Management System," "University Database Code-Conversion System," and "Faculty Performance and Evaluation System," enhancing data-reporting efficiency

IR Visualization Platform　　　IR Results Booklet

Newly Implemented IR Institutional Information System

PART. 05

Special Chapter – International Administrative Support System

Special Chapter – International Administrative Support System

Strategy 1
Optimizing International Human and Administrative Resources

1. Implementing bilingual administrative documents
2. Enhancing staff capabilities in internationalization services
3. Strengthening counseling for international students

Strategy 2
Strengthening Academic Support for International Students

1. Increasing the number of EMI courses and teaching assistants
2. Offering diverse chinese courses
3. Hosting various exchange events

Strategy 3
Enhancing Support for International Faculty & Scholars

1. Strengthening administrative support for international faculty
2. Hosting exchange events
3. Offering chinese courses
4. Enhancing bilingualized information for international faculty

Strategy 4
Assisting International Students for Employment After Graduation in Taiwan

1. Expanding corporate partnerships
2. Hosting career seminars, chinese courses, and corporate visits
3. Launching the bilingual website "career & employment hub for international students"

I. Optimizing International Human and Administrative Resources

❶ **Implementing Bilingual Administrative Documents**

 ◆ **Administrative Units**: Document bilingualization: **86%**

   ***due to newly identified documents requiring translation**

 ◆ **Academic Units**: Document bilingualization: 99%

❷ **Enhancing Staff Capabilities in Internationalization Services**

 ◆ Bilingual Communication Skills: Hosting **18 English speaking lessons** and **13 coaching led by OIA consultant**

 ◆ International Competence: Hosting **1 international etiquette lesson**, **3 AI application lessons**, **2 bilingualization workshop**

❸ **Strengthening Counseling for International Students**

 ◆ Thematic Psychological Workshop: Hosting **2 psychological workshops** to enhance international students' mental resilience and adaptability, actively preventing the occurrence of mental health and adaptation issues among international students

 ◆ Freshman Orientation & Campus Resources Introduction: Hosting **2 freshmen orientations** and **1 library orientation** to help freshmen adapt to the new environment and get to know available resources

English Listening and Speaking Course for Campus and Workplace

Ambassador to Saint Lucia Sharing on the Topic of International Etiquette

Thematic Psychological Workshop: Stress Management

32

II. Strengthening Academic Support for International Students

❶ **Increasing the Number of EMI Courses and Encouraging International Students to Work as Teaching Assistants**

- ◆ **Number of EMI Courses**: 516 in 2023, 585 in 2024, **628** in 2025
- ◆ **Number of International Students Working as Teaching Assistants**: 75 in 2023, 93 in 2024, **99** in 2025

❷ **Hiring Full-time/Part-time Chinese Language Instructors and Offering High-quality Chinese Courses**

- ◆ In 2025, **31** Chinese language classes were offered, with cumulative enrollment of international students reaching **4,847** (courses covered practical Chinese credit courses, Chinese certification prep courses, workplace Chinese, conversational Chinese, etc.)

❸ **Expanding International Exchange Events**

- ◆ Collaborating with partner universities in the National University System of Taiwan(NUST) to organize exchange events, broadening international networks and fostering multicultural experiences. In 2025, **four cultural immersion events** were held, with a cumulative participation of **88** attendees.

Circuits of Culture Workshop: Visit to Shunda Brick Kiln in Changhua

Indian Night: Celebrating the Holi Festival

Anniversary Group Photo: International Faculty and Students Gathering

III. Enhancing Support for International Faculty & Scholars

NCHU
2025.8 – 2026.7
(114 Academic Year)

❶ **Enhancing Administrative Support for International Faculty**

◆ New Faculty Subsidy: Providing new faculty members with one-year support of **administrative assistants**. **3 faculty members** received support in 2025 to help them adapt smoothly to their work.

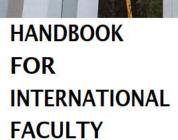◆ *Handbook for International Faculty*: Introducing essential university resources to new international faculty.

❷ **Organizing Exchange Events and Chinese Language Courses**

◆ Fostering International Faculty Interaction: Hosting **1 International Faculty Luncheon**, with a total of **16** participants. Fostering academic exchange, providing support in everyday life, strengthening relationships, and enhancing the image of a welcoming campus.

◆ Chinese Learning: Offering **12 diverse Chinese courses** to help international faculty overcome language barriers (including Workplace Chinese, Conversational Chinese, Chinese for Beginners/Intermediate/Advanced Levels).

❸ **Enhancing Bilingualized Information for International Faculty**

◆ Achieving **99%** document bilingualization in **academic units** and **86%** in **administrative units** * **due to newly identified documents requiring translation**

HANDBOOK
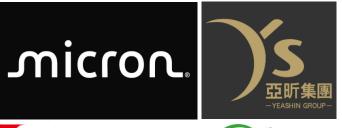FOR
INTERNATIONAL
FACULTY

Handbook for International Faculty

International Faculty Luncheon

IV. Assisting International Students for Employment after Graduation in Taiwan

❶ **Amplifying Industry-academia Collaboration, Expanding Corporate Partnerships**

- Establishing partnerships with **12** leading enterprises for INTENSE programs in 2025, providing a total of **76** scholarship slots (3 INTENSE programs currently offered: Biomedical Engineering, Materials Science, Civil Engineering).

❷ **Hosting Career Seminars, Chinese Courses, and Corporate Visits to Enhance Students' Competitiveness after Graduation**

- Hosting **10** career seminars in 2025, with a total attendance of **391**
- Chinese competence: offering **3** Chinese certification prep classes, **1** workplace Chinese class, with a cumulative enrollment of **295**
- Organizing **2** corporate visits, with a total attendance of **32**

❸ **Establishing Digital Platforms, Integrating Resources and Tracking Mechanisms**

- Successfully launching the bilingual websites "**Career & Employment Hub for International Students**," integrating corporate recruitment information, event announcements, and employment preference surveys.

Partner Enterprises

Corporate Visit: Ennostar

"Career & Employment Hub for International Students" Bilingual Website

35

PART. 06

International Crucial Fields

International Crucial Fields

Strategy 1

Alignment with Top Benchmark Institutions

1. Collaboration with UC Davis
2. Collaboration with Texas A&M

Strategy 2

Enhancing International Exchange

1. Expanding resources to upgrading colleges
2. Enhancing international academic engagement and developing connections

Strategy 3

Talent Development and Attraction

1. Promoting efforts to attract top talents and capacity to retain talent
2. Nurturing high-caliber talents with global mobility

Strategy 4

Innovation in Academic Research and Development

1. Advancing research quality and building academic collaboration platforms
2. Leveraging distinctive strengths in agricultural sciences to drive the entire university's teaching and research capabilities
3. Promoting agricultural development under the new southbound policy, actively connecting with international markets

I. Alignment with Top Benchmark Institutions

❶Designating the Units Responsible for Coordinating Cooperation

◆ **Cooperation with UCD** is coordinated by **the Biotechnology Center**; Cooperation with **TAMU** is coordinated by **the International Agriculture Center.**

◆ The designated units are responsible for administration, management and evaluation, resource integration, and coordination to drive the development of academic research and teaching with an international vision.

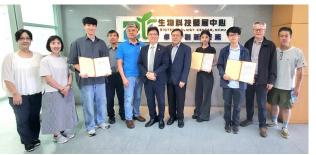**❷Pioneering the 3+X Master's Degree Program Jointly with UCD**

◆ Receiving full administrative support, inviting UCD Director Xin Chen to conduct 7 information sessions. A total of **14 departments have participated.**

◆ The 6th cohort in 2025 **recommended 3 undergraduate students from the Departments of Life Sciences, Civil Engineering, and Applied Economics** to study in the U.S.

❸Co-hosting Large-scale International Symposium with UCD, Showcasing the Latest Breakthroughs and Cross-generational Achievements in Agricultural Biotechnology

◆ Hosting the **"International Conference on Innovation in Agricultural Biotechnology and ISBAB Taiwan Annual Symposium"** with the theme **"Generations in Synergy."** Over 200 domestic and international experts from the U.S., Japan, South Korea, Israel, Academia Sinica, National Taiwan University, National Tsing Hua University, National Cheng Kung University, National Chung Hsing University, and others participated, highlighting Taiwan's significant standing and research capabilities in agricultural biotechnology globally.

❹Co-hosting Agricultural Forum with TAMU to Solidify Regional Leadership in Agriculture

◆ Organizing **the 12th annual "GEAR-UP International Agricultural Forum"** under the theme "**Innovating Sustainable Agriculture through Science and Technology**." Continuing collaboration with the University Academic Alliance in Taiwan(UAAT) to contribute to global food security and sustainable development, attracting over 200 participants.

3 undergraduate students entered UCD's M.S. Program via the 3+X Master's Degree Program in 2025

Opening of the 2025 "International Conference on Innovation in Agricultural Biotechnology and ISBAB Taiwan Annual Symposium"

Opening of the "12th GEAR-UP FORUM" in 2025

II. Enhancing International Exchange

❶ **Building upon each college's distinctive strengths, establishing collaborations in specialized research fields with nearly 40 world-class universities and research institutions annually, achieving remarkable results.**

01. Agricultural and Life Sciences

- **College of Agriculture and Natural Resources:** Collaborating with **Utah State University**, on English-taught programs, student exchanges, and overseas study & research camps

- **College of Life Sciences:** Establishing a Microfluid Biochips Core Lab in collaboration with **Institute of Science Tokyo**

- **College of Veterinary Medicine:** Promoting a transnational alliance with One Health Research Center of **Hokkaido University**

- **College of Medicine:** Collaborating with **Emory University** on novel anti-cancer targeted drug development and clinical translation research

02. Natural Sciences and Engineering

- **Collage of Science:** Collaborating in the long term with **The University of Tokyo** and **RIKEN** in summer courses and international conferences

- **College of Engineering:** Promoting dual degree programs, international partnership and collaborations in teaching and research with **Czech Technical University**

- **College of Electrical Engineering and Computer Science:** Collaborating with **UCSD** to host bilateral symposiums annually, forming an international team, securing NSTC research grants and industry-academia collaboration projects, with funding exceeding NT$39 million

03. Humanities and Social Sciences

- **College of Liberal Arts:** Discussing to sign an MOU with **Kew Gardens, UK** and facilitating the establishment of a branch of the botanical garden on the Nantou campus

- **College of Management:** Signing a MOU with **Hotelschool The Hague** to discuss EMI course, lectures and seminars

- **College of Law and Politics:** Collaborating with **the University of Texas at Dallas** for six years on an online data analytics colloquium for policy sciences and launching a dual MPA degree program along with summer student internships

III. Talent Development and Attraction

❶ Recruiting Top International Talents with Outstanding Results

- The second phase of NCHU's Higher Education Sprout Project was committed to recruiting international scholars by focusing on the University's advantages in featured areas including **agricultural and food biotechnology**, **smart manufacturing, healthcare, and green energy and carbon reduction**, while emphasizing balanced development in **humanities and social sciences.**
- Recruiting **5 world-renowned Yushan Fellows** and **5 Yushan Young Fellows.**

❷ Cultivating the Next Generation of Outstanding Researchers with Tangible Achievements

- Encouraging young faculty members to secure external research funding. In 2025, **Ying-chih Lai and 16 other professors** received grants from the NSTC's 2030 Cross-Generation Young Scholars Program and are currently executing their projects.

❸ Awarding Outstanding Young Scholars for Their Contributions to High-Potential Research Fields

- Establishing the **NCHU Outstanding Young Scholar Jade Award**, with Professors Ching-ming Lai, Yi-chun Chen, and Ying-chieh Lee honored as recipients in 2025.
- Principal Fuh-Jyh Jan actively raised funds, increasing the funding amount **from NT$200,000 to NT$300,000** starting in 2025. Establishing the new **"Distinguished Jade Scholar" award with NT$500,000** in funding to encourage faculty members under 45 years old to engage in innovative research.

Five Yushan Fellows

Wilhelm Gruissem	Charles W. Tu	Jia-Ming Liu	Ichiro Terashima	Tatsuo Kakimotoc
ETH Zürich	UCSD	UCLA	The University of Tokyo	The University of Osaka

Five Yushan Young Fellows

Kuan-ju Lu	Fu-Yu Hung	Wen-ting Lo	Chih-Yi Lin	Wah-Guan Lim
WUR	RIKEN	FMP	MiNA Therapeutics	UNSW Sydney
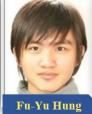
2025 recipients of the NCHU Outstanding Young Scholar Jade Award

❹**MACHI-STEM Overseas Exchange Internship: Fostering Cultivation of Female Scholars in STEM**

- ◆ Selecting outstanding STEM-majored female undergraduates for research exchange at Rice University, USA. In 2025, with support from AMPACS, **three physics majors** were selected to conduct research overseas on single-photon emitters, quantum computing, and light-matter coupling.

❺**Encouraging Top Students to Pursue Doctoral Degrees and Actively Expanding the Pool of High-level Scholars**

- ◆ **Receiving the MOE's Doctoral Scholarships, Ranking Fifth in Taiwan:** In 2025 and 2026, 150 scholarships were awarded respectively, with annual funding reaching NT$43.2 million. The number of scholarship recipients increased by 2.5 times compared to 2024, clearly demonstrating the effectiveness of NCHU's efforts to establish a support mechanism for doctoral training.

- ◆ **Additional Awards for Students Receiving NSTC's Doctoral Scholarships:** In 2025, 35 awards were granted (14 through selection, 21 through allocation), with additional funding provided to selected doctoral students to support their academic research.

❻**Equipping Excellent International Talents for the Future**

- ◆ **Generously Awarding Students for Publishing High-Quality Academic Journal Articles:** As of October 2025, a total of 81 doctoral students, 29 master's students, and 6 undergraduate students who published 147 high-quality papers altogether received funding support, strengthening research among students.

- ◆ **Cultivating Students' International Vision:** As of October 2025, a total of 39 doctoral students, 152 master's students, and 8 undergraduate students received funding to participate in international conferences to present research findings, compete in global competitions, and engage in research exchanges abroad.

NCHU faculty and staff pose for a photo with three female students who received the MACHI-STEM program

| Ranking	University	Number of Award /per year	Total amount of subsidy/per year (Ten thousand)
1	National Taiwan University	406	11,688
2	National Cheng Kung University	400	11,520
3	National Yang Ming Chiao Tung University	360	10,368
4	National Tsing Hua University	263	7,584
5	National Chung Hsing University	150	4,320
6	National Sun Yat-sen University	100	2,880
7	National Central University	85	2,448
8	National Taiwan University of Science and Technology	80	2,472
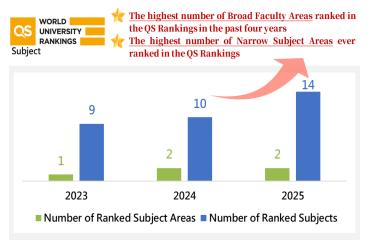
Top Eight Universities Nationwide for the "Ministry of Education Doctoral Student Scholarship" in 2025 and 2026 (Academic Year)

IV. Innovation in Academic Research and Development (1/3)

❶**Strengthening the Development of Academic Disciplines, Improving Rankings in Specific Subjects**

- ◆ **14 Disciplines** **Featured in QS World University Rankings by Subject 2025, Setting a Record for the Highest Number of Subjects Entering the QS Rankings in History:** Four new subjects appearing in the Rankings are English Literature, Economics & Econometrics, Business & Management Studies, and Environmental Sciences. Additionally, eight subjects entered the global top 500.

QS WORLD UNIVERSITY RANKINGS Subject

⭐ The highest number of Broad Faculty Areas ranked in the QS Rankings in the past four years
⭐ The highest number of Narrow Subject Areas ever ranked in the QS Rankings

- 2023: 1 / 9
- 2024: 2 / 10
- 2025: 2 / 14

■ Number of Ranked Subject Areas ■ Number of Ranked Subjects

- ◆ **Hitting the 6th** **among National Universities in CWUR World University Rankings:** NCHU ranks 723rd among over 21,000 universities worldwide, placing it within the top 3.4% globally. This achievement demonstrates its solid educational quality, research strength, and international competitiveness.

CWUR 2025 World University Rankings

👑 NCHU ranks among the top **3.4%** globally, the **6th** among national universities.

National University	CWUR 2025 World University Rankings
No.1 NTU	113 / Top 0.6%
No.2 NYCU	328 / Top 1.6%
No.3 NCKU	406 / Top 1.9%
No.4 NTHU	461 / Top 2.2%
No.5 NCU	683 / Top 3.2%
No.6 NCHU	723 / Top 3.4%
No.7 NTUST	823 / Top 3.9%
No.8 NSYSU	854 / Top 4.0%
No.9 NTNU	1100 / Top 5.2%
No.10 NTUT	1123 / Top 5.3%

❷**The Teaching and Research Energy Is Abundant, and the Results Have Been Awarded the 3 Featured Field Research Centers of the Higher Education Sprout Project**

- ◆ Received subsidies for the "**Advanced Plant and Food Crop Biotechnology Center**", " **Innovation and Development Center of Sustainable Agriculture**" and "**The iEGG and Animal Biotechnology Research Center**", **ranking first in the country in the field of agriculture and biology.**

❸**The Top 10 Research Areas Have Secured a Spot in the Top 1% of ESI**

- ◆ In the ESI field : agricultural science, animal and plant science, engineering, chemistry, biology and biochemistry, materials science, clinical medicine, pharmaceutical toxicology, environment and ecology, and social science.

❹**2% of the World's Top Scientists, Ranked Fifth in the Country**

- ◆ In the list of "The World's Top 2% Scientists in 2025" released by Stanford University, 75 scholars from NCHU are on the list, an increase of 14 from 2024, demonstrating a rapid increase in academic output.

❺ **Winning Prestigious Accolades in Recognition of NCHU's Robust Research Capabilities**

👑 **Major External Awards Received in 2025**

Award Category	Recipient(s)
Ministry of Education Scholarism Award	Prof. Chuan-Mu, Chen
Ta-You Wu Memorial Award	Prof. Tzu-yun Teng
National Top Ten Outstanding Agricultural Experts Award	Pro. Po-Yuan Chiang Pro. Wen-Bin Yeh
Outstanding Engineering Professor Award	Pro. Su-Chin Chen
International Outstanding Inventor Hall of Fame	Pro. Ming-Chun Lu
Future Tech Award	Pro.Dong-Sing Wuu Pro. Jenn-Ming Song Pro. Yao-Tung Lin

Ministry of Education Scholarism Award

Ta-You Wu Memorial Award

Outstanding Engineering Professor Award

Outstanding Inventor Hall of Fame

National Top Ten Outstanding Agricultural Experts Award

Future Tech Award

43

❻ Establishing the NCHU R&D Matching and Exchange Platform, Yielding Outstanding Results in Cross-disciplinary Collaboration

- **No.1 in in AI-Themed Project Funding Nationally:** Integrating cross-disciplinary research teams on campus to establish the **"Smart Sustainable New Agriculture Research Center"** and receiving an annual grant **exceeding NT$50 million** from the NSTC. Focusing on four key areas - AI core technology, smart detection, smart cultivation, and smart farms - the center aims to explore smart sustainable new agriculture featuring energy conservation, carbon reduction, labor savings, and sustainability.

- **The Largest Domestic Full-Line Training Base in Smart Manufacturing:** Receiving funding of **NT$95 million over four years from the MOE, the highest domestically**. Connecting National Yunlin University of Science and Technology, National Formosa University, National Chin-Yi University of Science and Technology, and nine industry-research institutions. Addressing Taiwan's industrial demand for highly customized production by providing talent training and technical experience/validation in the fields of smart machinery and intelligent manufacturing.

- **Defense Key Systems Research Development Center:** Phase 1 delivered impressive results, with funding increasing from NT$20 million in 2024 to **NT$33 million for Phase 2 in 2025.** The center focuses on the development of defense technologies through micro-electromechanical systems and innovative engineering design.

- **Leading Major National Projects to Lay the Foundation for NCHU's Capabilities in Artificial Intelligence Healthcare:** In 2025, the AI-Driven Drug Development Pilot Program was approved by the NSTC, launching a four-year initiative to build capabilities in AI-driven drug development. Annual funding of approximately NT$10 million is projected for subsequent years.

- **The ENABLE Center has Achieved Remarkable Results::** The Center was established by Yushan Scholar Professor Charles W. Tu, cultivating 6 research teams in 2025, publishing 35 journal and conference papers, participated in 14 project applications, and secured a total of over NT$70 million in research funding.

Introduction and Video of the Smart Sustainable New Agriculture Research Center

Introduction and Video of the Full-Line Training Base in Smart Manufacturing

Sharing Session at the ENABLE Center, 2025

44

Thank You For Attention

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