

17

PARTNERSHIPS FOR THE GOALS



2019-2023
Publications related
to the SDGs

9,151



2019-2023
Percentage of all
Taiwan Publications

12%



Course Units

306



**Student Engagements
with Units on SDG 17**

6,418

Research

Taiwan-Japan Collaboration Accelerates R&D of Cutting-Edge Technologies

To promote more opportunities for advanced technology development and talent exchange between Taiwan and Japan, our university signed a memorandum of understanding (MOU) with the Industrial Technology Research Institute (ITRI) and Kyushu University, focusing on three major areas: semiconductors, smart vehicles, and green energy. The collaboration aims to develop the necessary cutting-edge technologies and methods for talent exchange. Both sides will better understand each other's needs and technological advantages through industry-academia-research exchanges, cultivating the professional skills and talent required in key fields. Additionally, our university has established the Taiwan-Japan Exchanges Office to foster various academic exchanges between Taiwan and Japan and to promote collaboration between our university and the semiconductor industry in the Kyushu region of Japan.

Launching Taiwan-US International Medical Collaboration

The Cancer and Immunology Research Center at our university, in partnership with Brigham and Women's Hospital (BWH), the second-largest clinical teaching hospital of Harvard Medical School, and the Immunology Research Center at Taiwan's National Health Research Institutes (NHRI), have jointly signed a memorandum of understanding. This collaboration promotes medical cooperation and substantive exchanges between Taiwan and the United States, enhancing medical and health cooperation. The collaboration includes academic exchanges for researchers and students, professional talent cultivation, joint lectures or seminars to deepen scientific research cooperation and promote collaborative research projects to facilitate international academic exchanges.

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Social Impact

Advancing Open Education in Sync with Global Trends

The Open Education Consortium (OEC) is an international leader in promoting open education, with over 250 members from more than 150 countries/regions. Our university is the first in Taiwan to join the consortium. We have long been committed to open education, establishing the Taiwan Open Course and Education Consortium (TOCEC) to assist in the promotion of international open education. Following global trends in open education, we actively develop Open Education Resources (OER). In 2023, our provost led a delegation from Taiwan to participate in the "2023 Global Open Education Conference" organized by OEC. The conference theme was "Building a Sustainable World Through Open Education." Through this participation, we introduced Taiwan's open education initiatives to the world and brought international experiences back to Taiwan, further enhancing the diversity of open education development in Taiwan.



Successfully Bringing the Harvard World Model United Nations to Taiwan

Students from our university's Arete Honors Program successfully secured the hosting of the 2024 Harvard World Model United Nations (WorldMUN) in Taiwan. Since its establishment in 1992, Harvard WorldMUN has traveled to 30 cities worldwide, attracting over 110 countries and accumulating participation from 30,000 students. This event is a vital educational activity for developing critical thinking, independent thinking, and global competence. Students will role-play as diplomats from various countries to discuss international issues, focusing on topics such as international security, economics and finance, social humanitarianism, and legal matters closely aligned with the Sustainable Development Goals (SDGs). They will debate and express their views on different issues through simulating multilateral diplomacy, reflecting their passion for international affairs and global issues.



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Education & Cultivation

Cultivating Global Public Health Professionals

Our university's International Health Master's Program, established in 2002, is Taiwan's first all-English program in the field of public health. It enables local and international students from around the world to study together, broadening their global perspectives and serving as Taiwan's best platform for promoting healthcare internationally. The program aims to cultivate global public health professionals, combining health policy, infectious diseases, immunology, and public health. It focuses on public health issues in developing countries and vulnerable communities, using research, education, and international cooperation to understand and address global health challenges.

Southeast Asia Semiconductor Talent Development

Our university has partnered with the global semiconductor leader TSMC to establish the "Yang Ming Chiao Tung University x TSMC Southeast Asia Semiconductor Talent Development Scholarship." This scholarship aims to encourage Southeast Asian students to apply for semiconductor-related master's degrees at our university, thereby expanding the talent pool in the semiconductor industry. Graduates from universities such as the University of Malaya, National University of Malaysia, Universiti Sains Malaysia, Universiti Teknologi Malaysia, Hanoi University in Vietnam, Bandung Institute of Technology in Indonesia, National University of Singapore, and Nanyang Technological University are eligible to apply for this scholarship. A shortage of engineering and technical talent is one of the biggest challenges facing Malaysia's semiconductor industry. We will continue to focus on recruiting Malaysian students and enhancing their academic and professional skills, ensuring graduates are well-equipped to work in top-tier semiconductor companies globally.

Stewardship

Deepening International Exchange

Our university places great importance on internationalization, actively expanding opportunities for exchange with overseas higher education institutions. The diverse international exchange activities include faculty and student exchanges, international academic conferences, guest professorships, student exchange programs, short-term study programs, overseas internships, and various volunteer activities. The exchange network spans Africa, Central and South America, Asia-Pacific, Middle East, North America, and Europe, with partnerships established with over 300 academic institutions in 48 countries. In addition to continuing to focus on academic exchange activities, we will strive to strengthen international resources, collaborate on international exchange projects with industry, government, and academia, send outstanding students abroad for internships, collaborate on dual-degree programs with sister universities, develop comprehensive international student support programs, and establish an all-English international college to attract foreign students, moving towards becoming a distinctive international university.