

NATIONAL CHUNG HUNG UNIVERSITY NCHU JOURNAL

Ascension
Research
Collaboration
Horticulture

Research-oriented comprehensive university.
Creating value for the welfare of humanity.



Oia

OFFICE OF
INTERNATIONAL AFFAIRS
NATIONAL CHUNG HUNG UNIVERSITY



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Interdependence

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Cover Photo

Provincial Agricultural College
the predecessor of National Chung Hsing University / 1957-1961
Photographer | Mr. Chuang Ling, NCHU Alumnus

Title Photos

Ascension

Ms. Chih-hui Peng

Research

Ms. Chih-hui Peng

Collaboration

Ms. Chih-hui Peng

Illustrations in "Horticulture" sketched and colored by
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Preface

Discover the Sixth Issue of NCHU ARCH Magazine

The establishment of ARCH magazine was inspired by the goal of introducing the quality, values, and beauty of National Chung Hsing (NCHU) University to the international community. The magazine aims to showcase academic creativity in line with the university's commitment to promoting international education objectives.

NCHU ARCH is a semi-annual publication that features a selection of projects from various departments within the university, focusing on four core aspects: Ascension, Research, Collaboration, and Horticulture. The concept of the magazine revolves around the "arch" principle, which aims to capture the essence and structure of academic research and its associated challenges.

The first section, Ascension, explores the establishment of the NCHU Nantou Branch, which addresses global environmental issues and sustainable development with a vision of shared prosperity.

The Research section introduces Dr. Chiu-Chung Young, an Academician of Academia Sinica, who has dedicated almost half a century to studying and teaching soil microorganisms, aiming to promote sustainable farming practices.

The Collaboration section highlights the ENABLE Center, led by Dr. Charles W. Tu, a Yushan Fellow. Dr. Tu's efforts facilitate international exchange and collaboration through his extensive global networks.

Horticulture showcases the inspiring journey of Aditya Gautama, an international student who overcame language barriers and navigated campus life with the support of NCHU and the Office of International Affairs (OIA).

Finally, the magazine presents the exquisite collection of the NCHU Art Gallery, offering readers a captivating glimpse into the beauty and elegance found within the National Chung Hsing University campus. Through carefully curated photographs and artistic compositions, Mr. Chuang Ling's keen eye for detail and artistic vision is showcased, unveiling the unparalleled charm and splendor of the artwork.

Established in 1919, National Chung Hsing University

(NCHU) has earned a prestigious reputation for academic excellence in central Taiwan. Throughout its history, the university has been guided by exceptional leadership, consistently expanding its range of specialized disciplines. From its strong foundation in agricultural science, NCHU has evolved into a modern, research-oriented comprehensive university with eight colleges.

In 2015, Dr. Fuh-Sheng Shieu assumed the role of the 15th President of NCHU, leading the university with a strong vision. Under his leadership, NCHU has embraced a multidimensional approach, emphasizing the contemporary value of teaching and research. The university strives to foster a humanities-oriented academic environment and enhance various fields, including chemical engineering, agricultural biotechnology, human and social sciences, arts, and life education. As a result, NCHU has positioned itself as one of the leading national universities in Taiwan.

Moving towards the future, National Chung Hsing University (NCHU) is dedicated to consolidating regional resources, aligning with international trends in tertiary education, and planning for the university's medium and long-term development. Notably, we have recently established a medical school and extended our new Nantou Campus, marking significant advancements.

In the forthcoming editions of the NCHU ARCH magazine, we will provide updates on the advancements made by our existing departments in these areas of expertise. Our goal is to keep our supporters and colleagues both in Taiwan and overseas informed and engaged. I would like to express my heartfelt appreciation to Siuo-Ling Cheng (Julia), Yu-Ying Chen (Jennifer), Ching-Yang Shiang (Ava), and Yu-Chun Liao (Claire) for their invaluable contributions and unwavering dedication in developing the sixth issue of the NCHU ARCH magazine over an extended period of time.

Chia-Lin Chang
Vice-President for International Affairs
National Chung Hsing University

Major Events From January to June 2023

January

- Professor Chang-Wei Hsieh and his research team from NCHU's Department of Food Science and Biotechnology have achieved remarkable success. They were honored with the Innovative Academic Research Award and secured four gold medals in international invention competitions. Their groundbreaking work involved harnessing the unique properties of the edible and medicinal fungus "Pholiota nameko" to develop versatile raw materials with multiple cosmetic functions.
- NCHU has collaborated with medical teams to advance the treatment of degenerative arthritis using autologous blood-differentiated cells. The groundbreaking research outcomes have been published in Scientific Reports, showcasing significant progress in this field of study.
- NCHU has successfully developed "comprehensive endophytic fungi as biostimulants" and has been honored with the prestigious Excelsior Award for two consecutive years in recognition of this achievement.

February

- NCHU and the Fire Bureau of Taichung City Government established the first accompanying veterinary physician system in Taiwan.
- Professor Yen-Wei Chu's research and development team has successfully integrated interdisciplinary experts to create a multifunctional crop management intelligent detection and early warning system. This innovative system enables instant irrigation and medication, enhancing crop productivity and efficiency.

March

- NCHU and Universal Robots worked together to create a collaborative robotic arm training classroom.
- NCHU has forged enduring collaborative exchanges with UC Davis, one of the world's top 100 universities, along with several internationally renowned academic and research institutions. These partnerships have facilitated numerous international collaborative academic events, totaling nearly 70. Furthermore, NCHU has formulated special research programs as part of its commitment to fostering global academic and research cooperation.

April

- The INTERPRAEVENT 2023 Symposium was held at NCHU, with over 200 global experts and scholars in disaster prevention and control from 16 countries attending the event.
- Dr. Li-Huei Tsai, a distinguished scholar from MIT and an alumnus of NCHU's Department of Veterinary Medicine, alongside her team, has made a groundbreaking contribution. Their research, published in the Proceedings of the National Academy of Sciences (PNAS), presents a novel approach to "reverse" Alzheimer's disease. This remarkable achievement opens new avenues for tackling this debilitating condition.
- NCHU developed new technologies to transform sugarcane bagasse and pineapple leaves into eco-friendly, durable, and decomposable super mulch, finding a replacement solution for global plastic mulch.

President,
National Chung Hsing University
Fuh-Sheng Shieu



May

- The Office of International Affairs at NCHU organized the Starry Sky Picnic Film Festival with the theme of "Stand Out; Fit In." This unique event aimed to explore social issues from various countries through the medium of films.
- Japanese scholars from Nagayo Women's University donated more than 20,000 insect specimens to NCHU.
- Dr. Janet Anderson, Vice President of Utah State University, along with 21 teachers and students, were cordially invited to participate in the "NCHU 2023 Summer Uni+Pro-gram" (Taiwan Agro-Ecology Study Camp). This enriching program, organized by NCHU, provided a valuable opportunity for participants to delve into the realm of agricultural ecology and gain hands-on experience.
- NCHU shared its expertise with the Vietnam National University of Agriculture to promote transnational animal welfare initiatives and foster the development of cross-border talents. This collaboration aimed to enhance animal welfare practices and create a platform for knowledge exchange between the two institutions.

June

- NCHU and Kansas State University (KSU) made history by signing the first cross-border dual degree program in veterinary medicine in Taiwan. This innovative partnership between NCHU and KSU has opened new avenues for international education in veterinary medicine and provided students with a unique and comprehensive training experience.
- Dr. Chia-Ming Liu, Vice Dean of the School of Engineering at the University of California, Los Angeles (UCLA) and Yushan Scholar and chair professor of NCHU, donated advanced laser optical equipment worth over US\$2 million.
- As part of the National University System of Taiwan (NUST) International Circulation Project, an Agricultural Exploration Event was organized, which brought together overseas students from 11 partner universities. The participants had the opportunity to visit CH Biotech R&D Co., Ltd., gaining valuable insights into agricultural practices and innovation. This event facilitated international collaboration and knowledge exchange among students from diverse backgrounds, fostering a deeper understanding of agricultural advancements.
- In the World University Rankings 2023 released by the Times Higher Education, NCHU ranked among the world's top 100 in terms of SDG15 "Terrestrial Ecosystem" and SDG13 "Climate Action".
- The 2023 Taiwan-U.S. Education Forum was held at NCHU, and the U.S. delegations were amazed by the soft power of bilingual education in Taiwan.



Black-naped Monarch (*Hypothymis azurea*)
 Location National Chung Hsing University
 Photography Ms. Chih-hui Peng

NCHU Inaugurates South Core University Town in Nantou, Pioneering Sustainable Innovation and Industry Collaboration

On September 13, 2022, National Chung Hsing University (NCHU) celebrated the momentous opening ceremony for the establishment of the Nantou Campus and the College of Circular Economy. President Ing-Wen Tsai unveiled the plaque, announcing the official opening of the NCHU South Core University Town. Phase II of the establishment will be launched in 2023, including nine professional colleges and centers, as well as the Ark Botanical Garden, the Insect Museum, and the sports area. Dr. Fuh-Sheng Shieu, the president of NCHU, stated that the Nantou Campus plans to adopt the phased settlement and follow the example of university towns in Europe and America, with the preservation of white walls, red tiles, and low-rise landscape features, the introduction of smart management and renewable energy throughout the area. In the future, whether it is a sports field or exhibition venue, it will become a part of the lives of residents, creating a shared and prosperous vision.



Opening Ceremony

The College of Circular Economy is the first research institute in Asia to focus on circular economy. It has collaborated with 47 renowned domestic companies, including CH Biotech, TSMC, Cheng Loong Corp, China Steel Corporation, AUO Display Plus Corporation, Swancor, etc. It focuses on three key fields, namely, new agriculture, smart technology, and green semiconductors. With Silicon Valley as its inspiration, it brings research capacity to Nantou County, with key national industry research fields as the emphasis, advancing industrial and local development, which in turn cultivates a new generation of net-zero high-level talents.

Vision, Objectives, and Positioning of the Nantou Campus of NCHU

1. Constructing a green axis for the sustainable development of Taiwan

NCHU heads south to reach Zhongxing New Village, where important government agencies and agricultural institutions are connected to build an important "green axis for the sustainable development of Taiwan."

2. Strengthening research capacity and workforce

Founded over 102 years ago, NCHU, with its rich history, stands as Taiwan's esteemed third-largest research-oriented comprehensive national university. It is characterized by world-class agricultural biotechnology, top-notch green engineering in Asia, and innovative national industries in research and development. Additionally, it has advantages in agricultural biotechnology research, abundant advanced research personnel, and complete infrastructure.



Industrial Research Space - Complex of Nantou Campus



Student Dormitories - Songyuan Hall # 2 and Songyuan Hall # 12

3. Integrating the agricultural industry in Nantou County to create a win-win situation

Combining the existing agricultural research and development institutions and characteristic enterprises in Nantou County, NCHU expands smart agricultural biotechnology research and development capacity and builds Nantou County into a national agricultural biotechnology hub.

4. Jointly creating a healthy and high-quality community

In Phase II, it plans to establish a research center for the health and medical industry and a demonstration park for long-term care services. Combining the resources of the College of Medicine of NCHU and the future needs of residents, we will integrate into the local community to create a life circle centered on health, happiness, and wellness, and improve the quality of the living environment for the locals.

5. Innovating the industry-university cooperation mode

By integrating the research and development capacity of the Central Taiwan Science Park and universities, and incorporating innovative urban functions and industrial environment, it will become the practical testing ground for smart technology applications.

6. Perpetuating humanistic and artistic heritage

The horseshoe-shaped radial block is a unique street in the south core, with old historical connotations, dormitories built in the era of the Taiwan Provincial Government, vast green spaces, etc. It leverages the inherent buildings and rich sports and leisure facilities in the area to strengthen the diverse use of space. It has the function of preservation and sustainable use of environmental resources.



Teaching and Research Space
- Academy of Circular Economy



Zhongxing New Village Dormitory Group: In the future, it will be renovated and built as a research center for the health and medical industry and a demonstration park for long-term care services.



The overall planning blueprint of Zhongxing New Village (Description: By utilizing the existing buildings and real estate resources in the area, we will plan and organize the administrative offices, teaching experiments, dormitories, and leisure sports fields required for the interdisciplinary research center and professional colleges of the Nantou Campus, and establish the campus environment and functions of the university town, to attract students and international scholars.) It will be developed in two phases for a total of 10 years.



Japanese Robin (*Larvivora akahige*)
Location: Taiwan
Photography: Ms. Chih-hui Peng

Sustainable Farming Advocate: Dr. Chiu-Chung Young 's Half-Century Journey in Promoting Microorganisms and Organic Fertilizers

Source: Dr. Chiu-Chung Young (Academician of Academia Sinica, Department of Soil and Environmental Sciences, National Chung Hsing University)

Dr. Chiu-Chung Young paints with the thinking of a scientist. He created his own theory of "Painting of the Tao". Within the spontaneous brushstrokes of ink, he gains insights into the essence of nature.

Dr. Chiu-Chung Young, a professor at National Chung Hsing University (NCHU), has devoted almost half a century to researching and teaching about agricultural soils. Concerned about the excessive use of chemical fertilizers and pesticides in Taiwan's agriculture in the 1970s and 1980s, he believed in the importance of microorganisms and organic fertilizers for sustainable farming.



Dr. Chiu-Chung Young paints with the thinking of a scientist. He created his own theory of "Painting of the Tao". Within the spontaneous brushstrokes of ink, he gains insights into the essence of nature.



Professor Chiu-Chung Young received the 2019 First Academic Entrepreneurship Pioneer Award.

In the 1980s, Dr. Young discovered "fast-growing" soybean-specific rhizobia in Taiwan and developed multifunctional phosphate-solubilizing bacteria. These innovations addressed the challenge of making inaccessible phosphates available to crops and reduced chemical fertilizer use by 1/3 to 1/2. The legume rhizobia and phosphate solubilizing bacteria were made available to farmers through the "Rational Fertilisation Programme" of the Council of Agriculture, resulting in a \$870 million benefit over 18 years. For his groundbreaking work on microbial fertilizers, Dr. Young received the Executive Yuan Science and Technology Contribution Award in 2004 and is hailed as the "founder of microbial fertilizers" in Taiwan. In 2010, he received the world's first Lifetime Environmental Achievement Award from the Scientific Committee on Problems of the Environment (SCOPE).

Dr. Young identified 180 new strains (including 38 new genera) and made remarkable discoveries in Taiwan's native soil. These findings have been published in IJSEM, an international journal of microbial nomenclature. Each new species has been deposited in two global



Professor Chiu-Chung Young received the "2022 Outstanding Biotechnology Industry Potential Benchmark Award" from the Taiwan Bio-Industry Association (2022/07/28).

from these local microbial resources. The abundance of diverse micro-organisms provides a valuable pool for the rapid and effective screening of bacteria required by a variety of industries, thereby encouraging collaboration and progress in a wide range of sectors.

The second battle: TTT's rapid processing of organic wastes to make organic fertilizers

Dr. Young has developed a rapid, compost-free technology called TTT. It produces organic fertilizer from organic waste in 3 hours, replacing the traditional 2-4 months composting process. This groundbreaking innovation, published in Nature in 2007, addresses the global challenge of soil degradation. To support the implementation of the TTT technology, he founded Tetanti AgriBiotech Inc. in 2018, which produces TTT-targeting enzymes ("AIMZYME") and high-speed processing machines for efficient organic waste treatment and soil carbon sequestration.

TTT technology can also serve as a savior of the earth's carbon neutrality

In response to GHG emissions and extreme climate events, countries prioritize declaring 'net zero emissions by 2050'. In achieving carbon neutrality through soil carbon storage, Dr. Young's TTT technology plays a vital role. His article in the Independent Comment highlights how TTT reduces emissions, increases soil organic matter, and promotes sustainable agriculture using organic fertilizer. This innovation contributes to global food security by combating soil degradation, pests, and diseases. TTT technology is emerging as a beacon of agricultural innovation, comparable to Taiwan's TSMC in the technology industry. It offers hope for a sustainable future and climate solutions.

microbial culture centers for the benefit of researchers worldwide. In addition, he collected and identified more than 8,000 microorganism isolates from Taiwan, comprising more than 3,000 species. Their functions were meticulously annotated.

His collection now contains the largest number of indigenous microbial resources in Taiwan, which have significant potential for a variety of industries in the future. Agriculture (biofertilizers, biopesticides, bioherbicides, and bioinsecticides), food production, fermentation processes, pharmaceuticals, and manufacturing industries can benefit



Organic Wastes into Organic Fertilizers.

Photo source |

Professor Chiu-Chung Young

Please refer to QR code
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about TTT[®] Technology.



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New Technology for
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Tetanti TTT[®] Technology
- Create a Future of Net Zero Emission



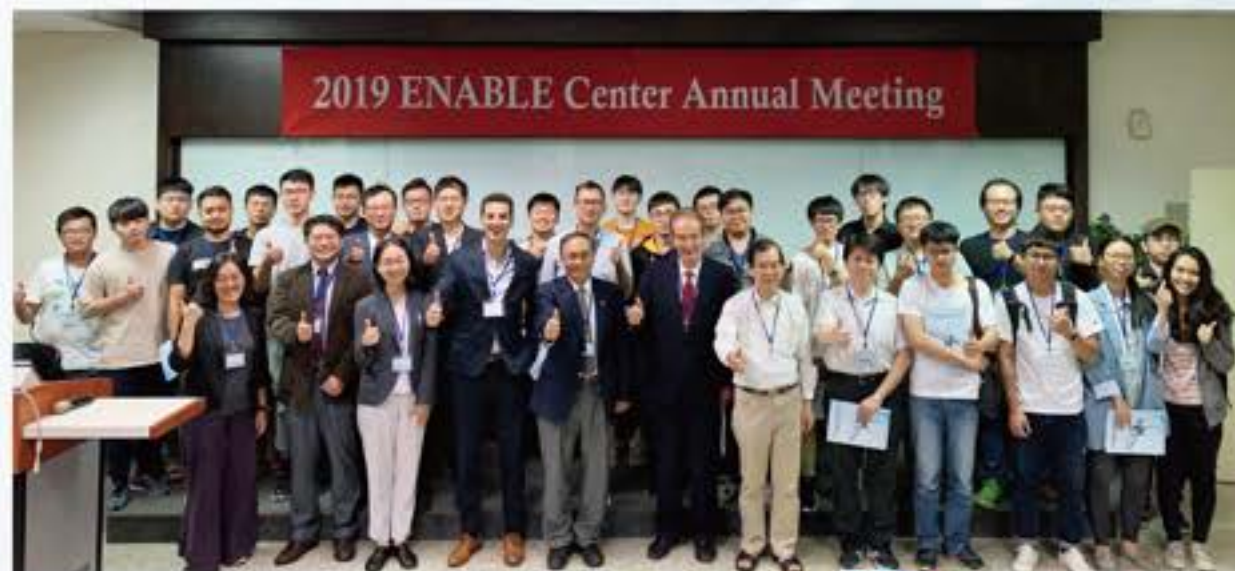
COLLABORATION



Fairy pitta (*Pitta nympha*)
Photographer | Ms. Chih-hui Peng

The ENABLE Center at NCHU

Source: Dr. Charles W. Tu (IEEE Fellow, Department of Electrical Engineering, National Chung Hsing University)



In 2018 I retired from the University of California, San Diego (UCSD), after 30 years of service. Not knowing this, President Fuh-Sheng Shieu visited me upon the recommendation of Professor Wood-Hi Cheng and proposed to apply for me the Yushan Fellow Program of the Ministry of Education. I consented and, fortunately, was selected as a Senior Yushan Fellow.

The Yushan Fellow Program aims to attract overseas junior and senior researchers to Taiwan to enhance Taiwan's research capability and visibility by providing additional stipends to their salaries and some administrative funds. However, strengthening the research level takes years and collective work to be apparent.

Drawing on my ten years of experience as an Associate Dean of the Jacobs School of Engineering, I decided that this collective work would be a center that provides seed funding to interdisciplinary teams of faculty members for them to obtain preliminary results. Then they can submit a competitive proposal to national agencies, such as the National Science and Technology Council (NSTC), for a large, multi-year grant.

Since NCHU started as an agriculture school more than 100 years ago, the research caliber in agriculture and biotech is powerful. Therefore, I proposed to call this new center ENABLE--Engineering in Agriculture and Biotech LEadership. I hope that the research in physical sciences and engineering, through ENABLE, will have a distinct NCHU flavor with agriculture and biotech. I donate 2 million TWD a year, 80% of my Yushan Fellow stipend, and President Shieu agrees to match 8 million TWD. The ENABLE funding is also open for people in the Humanities and Social Sciences. After all, the matching fund is from the University.



The ENABLE Center holds 3 project-sharing meetings a year, in addition to the international symposium in December. During the pandemic, the meetings are online.

With 10 million TWD a year, the ENABLE Center provides one-year seed grants from 100 to 150 thousand TWD to 8 teams where the Co-PIs are from at least two different colleges. Before the call for proposals, there is a match-making event, where faculty members from physical sciences and engineering talk about their capabilities and those from agriculture and biotech talk about their need for various technologies to facilitate their research. The projects can be found at <https://enable.nchu.edu.tw/>. I find it most satisfying when professors say that their collaboration is only possible with ENABLE.

The Senior Yushan Fellow Program is three years and renewable for another cycle. For my renewal proposal, the i-Center for Advanced Science and Technology tallied in the new research grants from ENABLE projects. The result is gratifying: with a 20 million TWD investment in two years, the ENABLE faculty members have generated 40 million TWD grants to NCHU.

Yushan Fellows are also expected to help increase international exchange or collaboration through their global networks. We have invited professors from UCSD and others to be keynote speakers at the annual ENABLE symposium, where the Co-PIs give progress reports on their ENABLE projects. I have also facilitated NCHU faculty delegations to visit UCSD.

Another success is sending Dr. Chun-Nien and a student to UCSD for two months each. Now an assistant professor, Dr. Liu returned to NCHU with a new idea for a laser-beam scanning device without moving parts. He has obtained funding from NSTC and the industry for solid-state LiDARs for self-driving cars.

2023-2024 is the fifth year of the ENABLE program, which means that we have given seed grants to 40 teams with 80+ faculty members and 100+ students. International collaborations with UCSD are continuing. I feel fortunate to be a Yushan Fellow, contributing in some way to research in Taiwan.



Please refer to QR code for more information about YuShan Scholar Program-Prof. Charles W. Tu.



The annual ENABLE Center Symposium is now held jointly with the UCSD-NCHU Joint Symposium and the Innovation and Development Center of Sustainable Agriculture (IDCSA).

HORTICULTURE



Illustrations in "Horticulture" sketched and colored by
Ching-Yang Siang (Ava), Office of International Affairs, NCHU

Passionate Pursuit of Horticulture: My Journey at NCHU

[Source]: Mr. Aditya Gautama (Department of Horticulture, National Chung Hsing University)

Allow me to introduce myself with great enthusiasm. I am Aditya Gautama and thrilled to have the opportunity to introduce myself. Originally from Indonesia, I am currently pursuing my studies as an international student at National Chung Hsing University (NCHU), Taiwan. I am majoring in Horticulture, a field that has captured my interest and ignited my passion for plants, nature, and sustainable agriculture. I chose to major in Horticulture because of my deep-rooted love for plants and the immense satisfaction I feel when witnessing their growth, flowering, and bearing fruits or vegetables.



NCHU's Prof. Syuan-You Lin, (Left) and student Aditya Gautama (Right), Learning blueberry cultivation management, NCHU GreenHouse



"Soil management practices"
- NCHU Horticultural Research Station
Picture by: ChiaJuang

Ever since I was young, I have been fascinated by the beauty and diversity of plants. This fascination has grown into a deep-rooted love for horticulture, as I recognize the vital role it plays in our society, from providing nutritious food to enhancing our environment with vibrant flowers and ornamental plants. By studying horticulture, I can contribute to creating a greener, more sustainable future.

Taiwan has long been celebrated for its advanced agricultural techniques and innovative approaches to horticulture. The academic excellence and strong emphasis on research in horticulture at NCHU make it the perfect destination for pursuing my dreams. I am fortunate to have the opportunity to learn from renowned faculty members and collaborate with like-minded individuals who share my passion.

I have had the opportunity to engage in hands-on experiences through practical sessions, fieldwork, and research projects. Specifically, in the world of fruit cultivation. Through practical work, I have learned essential skills such as grafting, plant propagation, pest and disease management, and post-harvest techniques, which have been invaluable in enhancing my horticultural expertise.

It has reinforced my passion for plants, expanded my knowledge, and equipped me with the practical skills necessary for a successful future in this field



"Harvesting Japanese cultivar
- Alusi Muskmelon"
NCHU Horticultural Research Station
Picture by: Hsiinyun

Embracing Growth: Navigating Language Barriers as an International Student

Being an international student at NCHU University in Taiwan has presented me with a unique set of challenges and opportunities, particularly when it comes to overcoming language barriers. Adjusting to a new environment with a different language can be initially overwhelming, but it has also become a transformative experience that has fostered personal growth and learning.



"Languages and cultural exchange",
Chung Hsing Lake

I encountered the language barrier head-on when I first arrived. The unfamiliarity of the Chinese language made it challenging to communicate effectively with the locals and navigate daily tasks. However, NCHU has been tremendously supportive in helping me overcome this obstacle. The university

provides Chinese language courses specifically designed for non-native speakers, which have been instrumental in improving my language proficiency. These courses have not only equipped me with practical language skills but have also boosted my confidence in interacting with others.

While the language barrier may have initially seemed like a significant hurdle, it has ultimately become a catalyst for personal growth and resilience.



Picture by:
Office of International Affairs,
National Chung Hsing University

OIA Enriches International Students' Life: Building a Supportive Community

My experience as an international student at NCHU has been nothing short of enriching. Interacting with students from diverse cultural backgrounds has broadened my perspective and helped me appreciate different viewpoints. The multicultural environment on campus has fostered meaningful friendships and valuable connections, creating a supportive community that feels like a second home.

Upon my arrival in Taiwan, Office of International Affairs (OIA) at NCHU played a pivotal role in ensuring a smooth transition. They organized a comprehensive orientation program that acquainted me with the campus, facilities, and local culture. This well-structured orientation provided vital information about academic requirements, student services, and a plethora of extracurricular activities-- the meticulous planning and coordination by the OIA staff ensured that our journey was comprehensive and engaging, leaving us with unforgettable memories and a deeper understanding of Taiwan's rich heritage.



"Hard work paid off with
invaluable experiences and
newfound knowledge"
Picture by:
Department of Horticulture
National Chung Hsing University

Overall, my time as an international student at NCHU has been an extraordinary experience. The support from the university and OIA along with interaction with students from diverse backgrounds have all contributed to a remarkable journey.

ART CENTER



Classroom corridor at the Provincial Agricultural College (the predecessor of NCHU) in the 1950s.

中興大學藝術中心

The Art Center of National Chung Hsing University

A Sidelight on "Images of Alma Mater · Seeking Art for Lifetime: Chuang Ling Alumnus Photography"



Photographer | Mr. Chuang Ling,
NCHU Alumnus

By observing the past to understand the present, we recognize that history is formed of the past and the present. It coalesces into a collective memory and emotion specific to a locality, giving rise to cultural identity and paving the way for the future. In this context, photography serves as one of the important mediums for preserving cultural memory. When we look at the field of art photography and image creation in Taiwan, Mr. Chuang Ling is a highly representative one. His photography journey began in 1953 when he took his first photograph with a borrowed camera, which turned out to be the only successful image from that roll. From that point on, his photography career unfolded with richness and depth. Through continuous and authentic image documentation, he preserved the stories of the years as a photographer, the fading street scenes and objects, as

well as the artistic creative process influenced by the trends of the time. When we revisit these images after many years, they have become valuable historical documents, offering significant insights into the past.

Chuang Ling, born in Guizhou, China in 1938, graduated from the Department of Forestry, National Chung Hsing University (NCHU) in 1961. When he was young, he accompanied his father to transport the first batch of cultural relics from The Palace Museum to Taiwan. He witnessed the old days of the that the cultural relics still been preserved in Beigou, Wufeng District, and was deeply influenced by the classical culture. Wandering in the experimentation and agitation of novel artistic concepts, his works show elegant and unrestrained techniques. His 24 years of career as a photojournalist at TTV provided him an opportunity to visit a lot of countries and experience the changes in the world situation and the photographic area in the second half of the 20th century. He truly learned about news and documentary photography, which deeply influenced his following image creation and photographic art.



The male dormitory: students were study diligently in the room.



The students from Provincial Agricultural College participated in the grand parade of Taichung City on every Taiwan Restoration Day in the 1950s. The route started from Shuangshi Road to Ziliu Road, Zhongzheng Road, and then arrived at the front plaza of Taichung Railway Station.

Summer military training: in the 1950s to 60s, sophomore boys had to participate in summer military training; it is the picture of cleaning their guns

Chuang Ling can shoot, write, and direct; he founded Theatre Quarterly and Visual-10 (V10) group with his friends in the 1960s. He has been invited to exhibit and give lectures, domestic and foreign and has been widely praised by international media. In 2008, he and Mr. Dong Min alumnus held "The Vision of Great Disparity: Dong Min·Chuang Ling Photography Art Exhibition" at the Art Center of NCHU, and donated the representative work series of "Life on the Road", which was passed down as a story of the art world. In 2022, Chuang Ling was invited to stage a special photography exhibition for the 103rd Anniversary of NCHU, the works on display focus on the campus life in Provincial Agricultural College (the predecessor of NCHU) between 1957 to 1961, allowing us to glimpse the early prosperity of NCHU and social changing. After the exhibition, those precious school history documents will be donated to the alma mater for well preserved.



The tree farm working program of the Department of Forestry: Professor Liu was guiding the students toward the internship site through the elevated railroad ties.

Initial from recording people and things around to later journalism work in the era of personal life and the environment, Chuang Ling developed a series of creative themes. He explored nearly seventy years through the camera, and what he saw was not only the changes of the times and the process of multicultural integration. He brings out the philosophy of photography and spreads the aesthetics of photography.

