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Create a New Paradigm of Education:
*Combining medicine and curriculum to guarantee the
healthcare and welfare of all life on Earth*

NCHU AARCH



OFFICE OF
INTERNATIONAL AFFAIRS
NATIONAL CHUNG HSING UNIVERSITY



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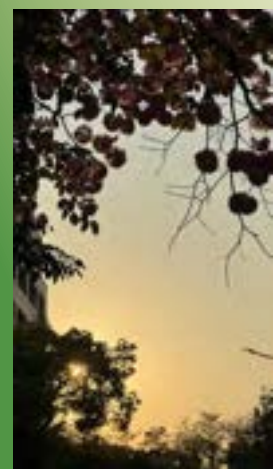
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Preface

The inspiration for establishing this new magazine has been to introduce the quality, ethos and beauty of National Chung Hsing (NCHU) University to the international community by showcasing academic creativity in the promotion of international education goals.

The semi-annual magazine NCHU ARCH features a selection of projects from across the university that deliver on this commitment through the four aspects of Ascension, Research, Collaboration, and Haven. Common meanings for the word “arch” include “a structural member serving as a support” as a noun, and also being the “principle or chief” when used as an adjective. This publication’s principle of “Arch” aims to precisely extract the essence of explorations of academic research and its operational challenges.

In the first unit Ascension, we highlight the new School of Medicine Post Baccalaureate Program launched jointly by NCHU with Taichung Veterans General Hospital. The two prestigious institutions join forces to create an affordable and holistic healthcare system for the local community.

Research introduces Dr. Su-Chin Chen, who received the “Outstanding Research Award of the Ministry of Science and Technology” in 2022. His famous “breathing check dam” and field scale natural dam breach experiments to find a balance between disaster prevention and ecosystems have also provided an informative data base for an international panel of experts.

The Collaboration unit highlights the international research team led by Dr. Ming-Hon Hou, Distinguished Professor from the NCHU Institute of Genomics and Bioinformatics and scientists from Emory University (USA) and University College London (UK) and their work to develop new strategies to treat neurological diseases.

Haven introduces Dr. Lin Shiun-Long, Associate Professor from the NCHU Department of Veterinary Medicine whose USR program “StrayLOHAS”, aims to enhance the wellbeing and reduce the number of stray animals in Taiwan by performing free spay and neuter surgeries, vaccinations and medical services.

In our final unit, we present NCHU Art Gallery’s collection, guiding you to enjoy the beauty and elegance of National Chung Hsing University as illustrated in these calligraphy and lacquer art

works from renowned artists Yung-Fei Liang, Shih-Chiung Hsiao and Li-Shu Huang. The exhibition transcends the classic aesthetic perspective and displays powerful uniqueness through artifacts.

The university was established in 1919 and has maintained the highest reputation for academic endeavors in central Taiwan. An unbroken succession of outstanding leadership at NCHU over the years has successfully pursued a balance of specialized disciplines which have expanded from an outstanding history in agricultural science to a modern research-oriented comprehensive university with eight colleges.

Dr. Fuh-Sheng Shieu was appointed as the 15th President of NCHU in 2015 and has strongly supported establishing NCHU as a multi-faceted institution. Emphasis is placed on the contemporary value of teaching and research to promote a humanities-oriented academic development, and to strengthen the environment in the fields of chemical engineering, agricultural biotechnology, human and social sciences, arts, and life education. It positions National Chung Hsing University as one of the leading national universities in Taiwan.

Looking forward to the future, NCHU will actively seek to consolidate regional resources, align with international trends in tertiary education development, plan for the medium and long-term development of the university, and what’s more, we’ve established a medical school. The progress towards these future areas of expertise by our existing departments will continue to be reported in subsequent issues of the NCHU ARCH magazine for the interest of our supporters and colleagues in Taiwan and overseas.

I would like to express my gratitude to Siuo-Ling Cheng (Julia), Yu-Chun Liao (Claire), Yu-Ying Chen (Jennifer) and Ching-Yang Shiang (Ava) who have contributed significant efforts over an extended period in helping to develop the fourth issue of NCHU ARCH magazine.

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

Major Events of NCHU Throughout January - June, 2022

January

- Developing rapid detection of soil conditions in agricultural lands, College of Agriculture and Natural Resources in NCHU was honored with 2021 FutureTech Award. 2021 FutureTech Award | Selectively Sensing Chip of Orthophosphate Anions
【College of Agriculture and Natural Resources - Prof. **Yong Shen**, Prof. **Hung-Yu Lai**, Distinguished Professor **Ching-Chou Wu**】
- 2021 FutureTech Award | Intelligent Cellulose Hydrogel for Agriculture. 【Prof. Chen, Yi-Chun, Department of Forestry, College of Agriculture and Natural Resources】
- The Semiconductor Moonshot Project of the College of Electrical Engineering and Computer Science in NCHU was honored with the 2021 FutureTech Award

February

- NCHU professor Chang-Wei Hsieh developed electromagnetic preservation technology, leading his team to win the National Agricultural Science Award.
- The first veterinary team was set up exclusively for search and rescue dogs in Taiwan. Taichung City Government and NCHU signed an MOU for its exclusive veterinary team and canine medical services.
- NCHU launched the country's first industrial carbon reduction promotion office, which aimed to help reduce carbon emissions by about 100 tons within six months.

March

- Greenhouse crops fought against heat disorder - starting with root temperature management.
- Uteri in exchange for lives - NCHU teachers and students teamed up to rescue stray dogs and cats.
StrayLOHAS: A project aiming to decrease the amount and enhance the welfare of stray animals.
- NCHU School of Management signed an MOU with Kitakyushu City University's School of Business Administration.

Location
National Chung Hsing University

Photography
Mr. Yu-De, Lin

President,
National Chung Hsing University
Fuh-Sheng Shieu

April

- The NCHU Vice-Chancellor and Alumni Association were calling for donations in response to a project to support Ukraine.
- NCHU established the School of Medicine Post Baccalaureate Program and planned to admit 23 government-funded students in 2022.
- Professor Ching-Fong Chang focused on aquaculture and Professor Chang-Hsien Yang on orchid breeding, both of them were awarded the National Chair Professorship.



May

- National University System of Taiwan and Taiwan ICDF signed a Letter of Intent to cooperate in the "TaiwanICDF Overseas Volunteers Internship" Project.
- NCHU joined forces with the healthcare system in Taichung to nurture professional doctors in remote areas.
- NCHU and Utah State University signed a cooperation agreement, marking a new chapter in the exchange of higher education between Taiwan and the United States.

June

- NCHU School of Life Sciences was the only EMI teaching school awarded in the field of life sciences in Taiwan.
- The first Japanese language book on subcultural studies written jointly by Taiwan and Japan, which was entitled "The Interlocking History of Post-War Subcultures in Japan and Taiwan" was published by Hokkaido University.
- NCHU students won the first Merck Young Scientist Award by turning fish waste into natural lean protein.

Location

Huisun Experimental Forest Station

Photo source

Experimental Forest Station, National Chung Hsing University

Create a New Paradigm of Education: Combining medicine and curriculum to guarantee the healthcare and welfare of all life on Earth

Source Dr. Fuh-Sheng Shieu (President, National Chung Hsing University)

After four years of painstaking efforts, the Department of Post-Baccalaureate Medicine at National Chung Hsing University (NCHU) enrolled its first batch of post-baccalaureate medical students in 2022. Dr. Fuh-Sheng Shieu, President of NCHU, stated that the Department of Post Baccalaureate Medicine aims to cultivate medical students with diverse backgrounds, humanistic qualities, and the spirits of scientists, and it focuses on "smart long-term care", "precision health," and "preventative medicine".

NCHU creates a new paradigm of education, together with local hospitals, demonstrating its cross-disciplinary strengths "One Health", which is actively advocated by the world to ensure the health and welfare of all living beings on earth, has made people realize that human beings are inextricably bound up with our surrounding environment and the health of the flora and fauna during COVID-19 pandemic. Dr. Fuh-Sheng Shieu, President of NCHU, said that NCHU is a comprehensive university in Taiwan providing "One Health" teaching resources. Nine departments from NCHU integrate prospective basic research with clinical medicine, bringing structural changes to the future development of NCHU. By cooperating with four teaching hospitals in the central region, NCHU will soon create a new paradigm of medical education in Taiwan!



Dr. Fuh-Sheng Shieu
(President, National Chung Hsing University)
Photo Source | Secretariat Office,
National Chung Hsing University

Smart medical treatment has entered the countryside, and "medical + technology" is the focus of enriching medical research and development energy

President Fuh-Sheng Shieu stated, "Taiwan has abundant medical resources, but we all know that inequality, rather than the demand, is the reason for the conundrum." Medical resources in urban areas are sufficient, while, on the other hand, professional doctors are relatively inadequate in rural areas. Following the model of Harvard University in the United States, the Department of Post Baccalaureate Medicine integrates fundamental medical research talents with local hospitals and medical research centers to jointly cultivate medical talents for rural services. Thanks to technological advances, physicians may stay in close contact with the medical centers in remote areas and return to medical centers at any time to receive advanced education. In addition to helping people with rare and special diseases in rural communities get good medical treatments, we fulfill our social responsibility to provide high-quality medical services to the disadvantaged and needy groups.



Post Baccalaureate Medicine Department of National Chung Hsing University established a press conference on March 11, 2022.

Regional characteristic hospitals cultivate talents in "future medicine"

- Taichung Veterans General Hospital is one of the leading medical centers in Taiwan in terms of teaching and medical quality. Its clinical care capabilities have been recognized nationally and internationally, and it has won the gold medal in the IC QCC competition in Japan. Besides, it has established the Asia-Pacific Rheumatology Medical Center of Excellence and the Health Education Center accredited by the International Diabetes Federation.
- Changhua Christian Hospital upholds the foot-washing spirit of Jesus Christ, actively participates in international medical activities with humble services and selfless dedication, and is in line with world-class medical care. It is the medical center with the most CCPC certifications across the world.
- Tungs' Taichung MetroHarbor Hospital aims at respecting life and promoting health. Its business strategy is to improve the health of the community, emphasize patient safety, enhance healthcare quality, and broaden its global vision. In 2021, it passed the JCI Accreditation.
- Show Chwan Health Care System has the world's largest and most advanced minimally invasive training center, with an area of 4,960 square meters, 20 surgical training benches, and a five-star animal laboratory, from which trainees can learn a lot.

Dr. Shih-An Chen of Taichung Veterans General Hospital talks about collaborating with National Chung Hsing University

Source Professor Shih-An Chen, Superintendent of Taichung Veterans General Hospital and Vice-President for National Chung Hsin University.



Dr. Shih-An Chen
(Superintendent, Taichung Veterans General Hospital)
(Vice-President, National Chung Hsin University)

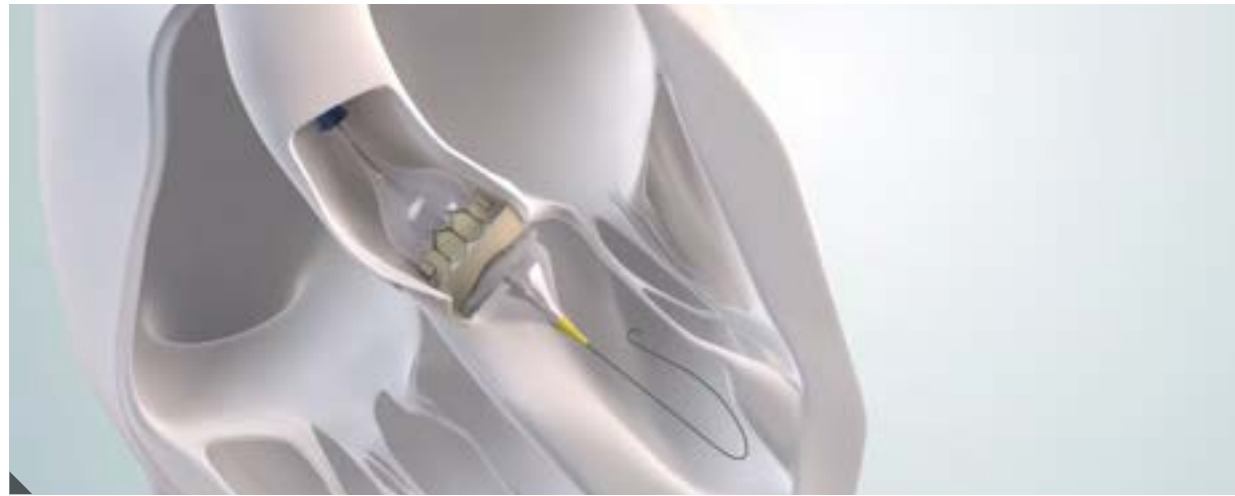
<The motivation of the collaboration>

Taichung Veterans General Hospital (TCVGH) was founded in 1982, and it has been accredited as a "Medical Center" and a "First Class Teaching Hospital" by the Ministry of Health & Welfare, Executive Yuan, Taiwan since 1991. As the biggest public medical center in central Taiwan, the hospital has 4,250 staff and 1,624 beds with advanced medical training facilities and outstanding research and development programs. We provide acute high-capacity and high-quality services for about 8,000 outpatients and 200 patients in the emergency room every day. This year marks the 40th anniversary of the establishment of Taichung Veterans General

Hospital, and we have been longing for collaboration with a school of medicine from a famous university. National Chung Hsing University (NCHU) is also a public academic institution with 9 renowned colleges located in central Taiwan. A new School of Medicine Post Baccalaureate Program will be launched by NCHU President Fuh-Sheng Shieu in August 2022. The four major axes of the establishment of this program include "Holistic Medicine", "Smart Long-Term Care", "Precision Healthcare" and "Preventative Healthcare." The idea is highly consistent with the vision of Taichung Veterans General Hospital - "to deliver intelligent and holistic medicine and to provide the best healthcare". I am delighted to express my heartfelt congratulations to National Chung Hsing University for receiving approval to set up the new School of Medicine. I believe that Taichung Veterans General Hospital will offer the best faculty, innovative teaching, and training to physicians associated with the school. This collaboration will also allow numerous outstanding physicians and surgeons to obtain more opportunities in medical research as well as in teaching positions. I am certain that such collaboration will generate a tremendous benefit to both the hospital and the university.



Taichung Veterans General Hospital offers advanced training in microvascular anastomosis to help trainees improve their skills.



Taichung Veterans General Hospital develops Transcatheter Aortic Valve Implantation (TAVI) to treat aortic stenosis with minimally invasive surgery.

<The expectations for the collaboration>

National Chung Hsing University is a comprehensive university with 9 academic divisions, which are organized upon solid foundations and forward-looking developments. Built on the existing partnership between the university and the hospital, the establishment of the Post Baccalaureate Program offers more positions to physicians to join the faculty of the university and the cooperation is expected to be more systematic and rigorous. Professors with different expertise may work together not only in the School of Medicine, but also in the 9 existing divisions. The abundant research and development capacities in both institutes can be used to improve “Smart Health Care”, “Medical Humanities”, “Medical Ethics” and “Future Medicine”, to name a few. After adding the School of Medicine to the colleges, the future progress of both institutions will definitely be brilliant.



Taichung Veterans General Hospital offers advanced training in laparoscopic surgery to help trainees improve their skills.

< The contributions to the society >

Taichung Veterans General Hospital and National Chung Hsing University are both national level institutions bearing the responsibilities and mission to improve the welfare of citizens and industries. The collaboration could be further extended to “Central Taiwan Science Park” and “Taichung City Precision Machinery Innovation Technology Park” in central Taiwan, contributing to the prosperity of the economy of Taiwan and the wellbeing of local communities.



Taichung Veterans General Hospital provides 26 specialties and 53 feature training programs to promote long-term training for foreign medical personnel.

RESEARCH

Photo source

Ph.D. Yun-Ju Chen, Associate Professor, Department of Applied Economics, NCHU

Professor Su-Chin Chen, the winner of the Outstanding Research Award of MOST, shares the field-scale experimental site of the dam breach with international panel of experts

Source Dr. Su-Chin Chen (Lifetime Distinguished Professor of Department of Soil and Water Conservation, National Chung Hsing University)

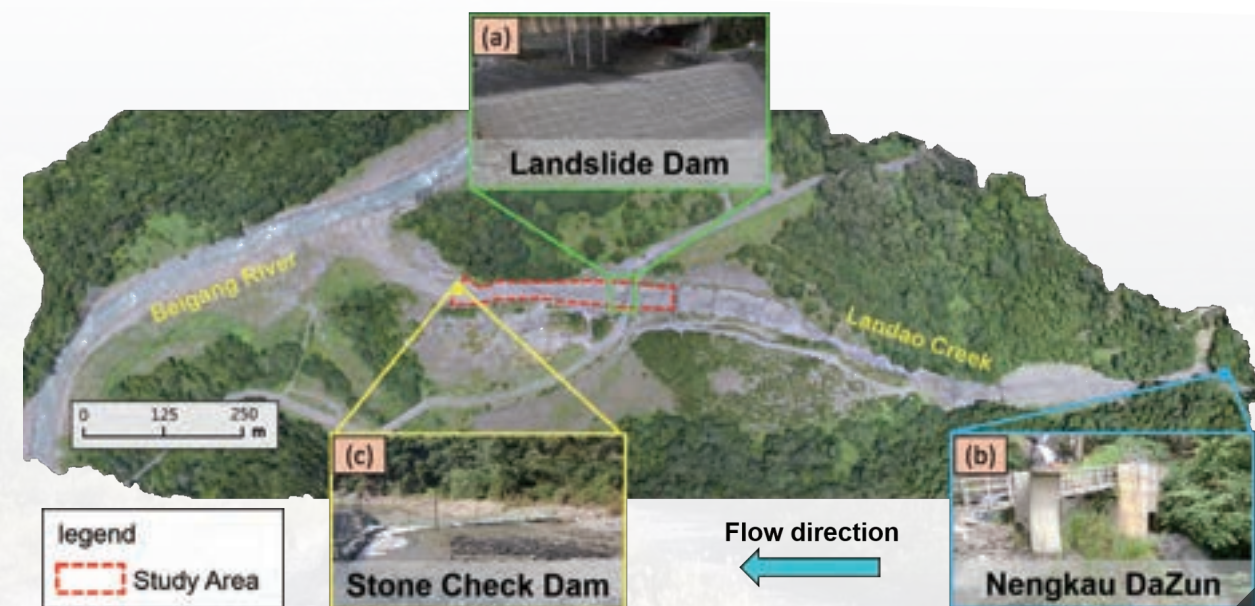
Earthquakes or extreme rainfalls are likely to cause large-scale landslides and debris flows disasters in mountain regions. When a large amount of sediment intrudes the river, it blocks the upstream flow, and the water accumulates behind the massive deposition, resulting in forming a dammed lake. However, when dam breaching was hazardous and no one could witness it. Therefore, solving the puzzle through the experiment on the onset of disasters would be helpful. The question might be: how large does the breaching flow cause the submergence area? Furthermore, when does the peak discharge occur? In order to have a better understanding of the breaching process of barrier dams and features of the disaster caused by floods and sediments during the failure, Professor Chen and his research team established the world's first field-scale experiment-site of barrier dam breaching, reconstructing the scene of the disaster in the Landao Creek, NCHU Forest Station, Taiwan. Multiple UAVs were used to simultaneously record the dam from different dimensions to understand how the dam's material was scoured and deposited. Pressure-type water level gauges were used to record the water level hydrograph to understand the water level variations inside the dam and in the reservoir. Moreover, with the lake's topography, the breaching discharge was inferred.



The experiment term of Prof. Chen's Lab.

The turbulent flow accompanying the collapse is hazardous. Therefore, in terms of observation and measurement technology, non-contact measurement methods are congruously adopted. In the measurement of flow velocity, Particle Tracking Velocimetry was applied. With the floating characteristics of styrofoam balls supplied above the dam, the trajectory of each styrofoam ball was monitored on the camera screen. The positions of the balls allowed the current velocity to be calculated.

"Once we have such a complete set of experimental foundations, we can gradually inform the government and residents about what should be paid attention to in disaster events. This is the fundamental purpose of our experiment," said Professor Chen. In the past 30 years, he committed himself as a researcher to issues concerning the environment and natural disasters, such as ecosystem services and adjustable check dams.



Air photo of the field scale dam breach experimental station in Landao creek



Precise synchronous measurement pre-work for dam breach experiment

These research achievements won him the "Outstanding Award of MOST in Natural Disasters Reduction in Mountain Regions." This full-scale experiment is completely open and invites scholars from all over the world to participate. Scholars from Austria, Italy, Switzerland, Japan, and the United States have taken part in the research; meanwhile, domestic research teams from National Taiwan University, National Cheng Kung University, and National Chiao Tung University have jointly set up instruments and shared research results. In the future, it will continue to open to scholars interested

in and establish an international data sharing platform, making National Chung Hsing University a pivotal research center for effectively mitigating disasters in the mountain areas.

Notes: Ministry of Science and Technology (MOST) is now renamed National Science and Technology Council (NSTC) from 27th July 2022 onwards.

For more detailed information, please refer to the video:



Prof. Chen's patent on adjustable check dam for natural disasters reduction in mountain regions.

COLLABORATION

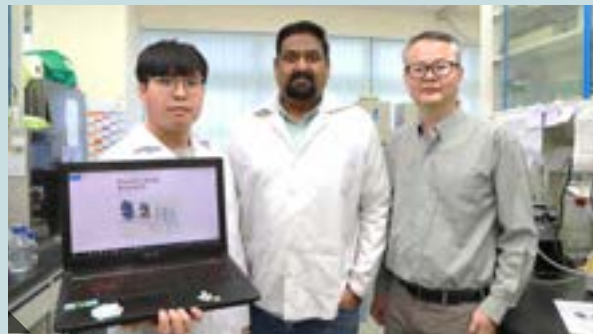
Taichung Veterans General Hospital creates a world-leading precision medicine research platform.

Photo source

Taichung Veterans General Hospital

New drug discovery strategy by targeting ALS/FTD-related DNA structures

Source Dr. Ming-Hon Hou (Professor, Institute of Genomics and Bioinformatics, NCHU)



(Right to left) Prof. Ming-Hon Hou (Right), National Chung Hsing University with his team members, postdoctoral researcher Roshan Satange (Center), and a current master's student Shun-Ching Wang (Left).

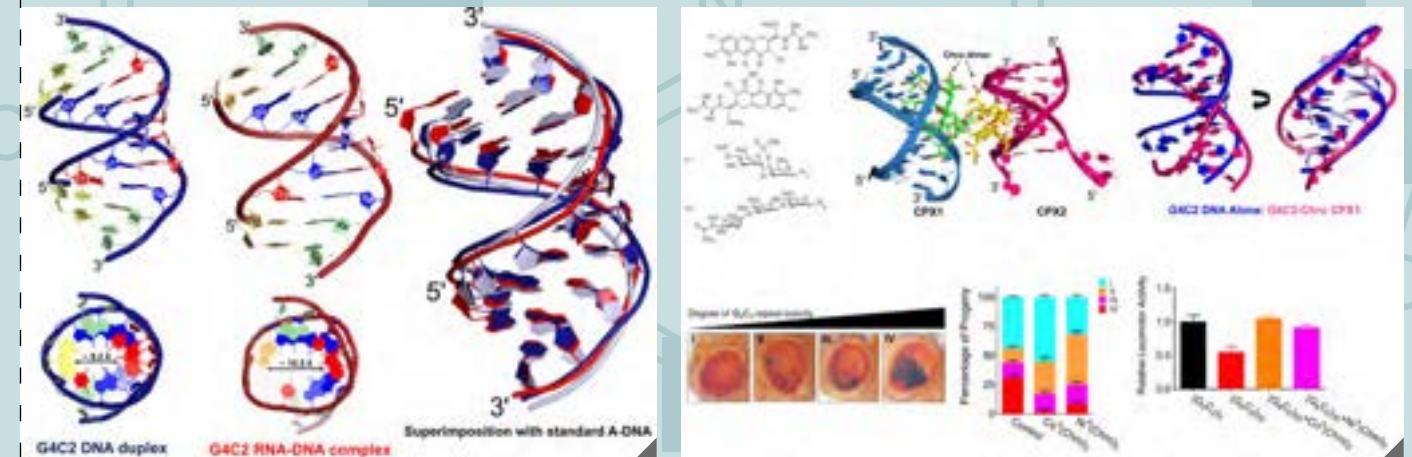
The human nervous system mainly comprises the brain, spinal cord, muscles, and connecting neurons. Neurological disorders occur when the normal function of any part of the nervous system is disturbed. Millions of people suffer from certain types of neurological disorders every year. Amyotrophic lateral sclerosis (ALS) and frontotemporal dementia (FTD) are two of the major neurodegenerative diseases characterized by the loss of motor neurons in the brain and spinal cord that affect a person's personal and social life. Previously, these diseases were thought to be independent and distinct neurological disorders because they are heterogeneous at the clinical and neuropathological levels. However, the molecular mechanisms underlying these diseases were poorly understood. Thanks to technological advances in recent years, scientists have discovered that these neurological disorders are not just cognitive disorders or movement disorders, but that a complex genetic mechanism is at the root of these diseases. In 2011, an abnormal expansion of a hexanucleotide DNA repeat sequence, GGGGCC (commonly referred to as G4C2 repeat) on the *C9orf72* gene on chromosome 9 was identified as a major cause of ALS/FTD. Therefore, most current



The research findings are highlighted in the cover of NAR
Source- Nucleic Acids Research
<https://doi.org/10.1093/nar/gkab227>

strategies focus on targeting toxic RNA or proteins associated with the *C9orf72* gene. The molecular-level studies on the G4C2 repeat sequence may therefore provide new clues for the development of effective treatments against ALS and FTD.

Ming-Hon Hou, the distinguished professor from the Institute of Genomics and Bioinformatics at NCHU, collaborates with scientists from Emory University (USA) and University College London (UK) to develop new strategies to treat neurological diseases. The tricontinental team led by Prof. Hou discovers the ability of G4C2 repeat-expanded DNA motifs on the *C9orf72* gene to provide



DNA and RNA-DNA hybrid structural features
Source- Nucleic Acids Research

Targeting G4C2 DNA with metal-Chro
Source- Nucleic Acids Research

conductive structural features that serve as 'hotspots' for binding metal-anthracene complexes to treat two important neurological diseases, ALS and FTD. The findings are recently published in Nucleic Acids Research, an authoritative journal in the field of nucleic acids (impact factor - 16.97). Using X-ray crystallography and the synchrotron radiation facility at the NSRRC, the team analyzes important structural features of DNA and analogous RNA-DNA hybrid duplexes with G4C2 repeats and find that the DNA double helix structure is a prime target for the incorporation of external small molecular ligands. They screen various GC-selective DNA-binding compounds and reveal that anthracene-based metal-chromomycin (Chro) complexes have the potential to preferentially stabilize the G4C2 DNA duplexes. From a detailed structural analysis of the X-ray crystal structure, the team learns that the metal-chro complexes have extended specificity and bind the flanked G:C base pairs of the GGCC core. This binding of the ligand across the minor groove also results in contraction of the groove and straightening of the DNA backbone. "The unique structural changes in DNA resulting from the bind-

ing of Chro could inhibit the formation of toxic transcripts in the resulting abnormal G4C2 expansion sequence and thus may have a therapeutic effect," says Professor Hou.

The team is excited by these findings and decide to treat the *Drosophila* model (small fruit flies) from ALS /FTD with metal-chro complexes. *Drosophila* is an excellent model organism for neurological disease research and anti-neurological drug discovery. Surprisingly, the fruit flies show that the chro-complexes can indeed alleviate the motor deficits caused by neuronal toxicity and suppress the locomotion deficits. This study thus provides a new direction for the development of drugs against ALS and FTD and should also open up new possibilities for the treatment of other neurological diseases.

Please refer to
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USR Program “StrayLOHAS”: Vets Who Take Action

Source Dr. Lin Shiun-Long (Associate Professor, Department of Veterinary Medicine at NCHU)

Stray Animals as a Social Issue in Taiwan

According to the statistical report made by the Council of Agriculture, there are more than 150,000 stray dogs, many of which continue to reproduce, living in Taiwan nowadays. A new policy prohibiting animal euthanasia in shelters in 2017, a humane yet somehow deficient in many aspects of legislation, has made animal shelters face overcrowding challenges and further impairs animal welfare.

In Taiwan, TNVR (Trap-Neuter-Vaccinate-Return) is the major method for reducing the number of stray animals. Dr. Lin Shiun-Long, associate professor from the Department of Veterinary Medicine at NCHU, has conducted the TNVR project for over 15 years, receiving grants from the Ministry of Education for his USR (University Social Responsibility) project “StrayLOHAS: to reduce the number of stray animals and improve animals welfare.”

Vets Who Take Action

“We have a slogan: Uterus in exchange for lives.” StrayLOHAS recruits licensed veterinarians, vet-to-be students, and vet assistants to perform TNVR in remote areas several times per month. During these 4 years, they have spayed and neutered over 5,400 cats and dogs.

“I’ve learned a lot from Dr. Lin, and I would like to become a vet just like him in the future!” says a veterinary graduate student from the project. Even after their graduation, some former members of the project still volunteer to perform TNVR in other organizations. StrayLOHAS plants seeds in the hearts of veterinary students, hoping more and more of them may be willing to take part in finding a solution to the stray animals problem in Taiwan.

To enhance animal welfare in the shelters,



Vet students are performing TNVR in remote areas.



The vets of USR team from Veterinary Medicine Department of NCHU conduct health checks for search and rescue dogs.

StrayLOHAS has also established the first clinic in Taiwan that aims particularly for stray animals named “StrayLOHAS Medical Center” with the support of USR projects. This center provides high-quality medical services that are equal to that a pet with an owner could receive. The facility has saved more than 400 stray animals who had no access to medical resources in the past. Moreover, StrayLOHAS assigns vets to vaccinate animals in the shelters every year. As 1,200 cats and dogs get free Rabies vaccines and other core vaccinations each year, the probabilities of zoonotic infections are reduced.

To Turn the Table Through Education

To resolve the issue of stray animals, public education is another piece of the puzzle. StrayLOHAS brings students with different academic backgrounds to volunteer in animal shelters and witness the struggles there with their own eyes. The project also works with the Department of Public Policy and Management, Department of Design, Department of Counseling, and so on, to encourage students to brainstorm possible solutions with the knowledge acquired in their professional fields. In addition, StrayLOHAS strives to reduce the number of pet abandonment by apprising pet owners of their responsibilities. Holding more than 70 activities, including exhibitions, forums, and workshops, the project has reached out to thousands of citizens.



A surgery performed in the StrayLOHAS Medical Center.



A student volunteers to accompany dogs in the shelter.

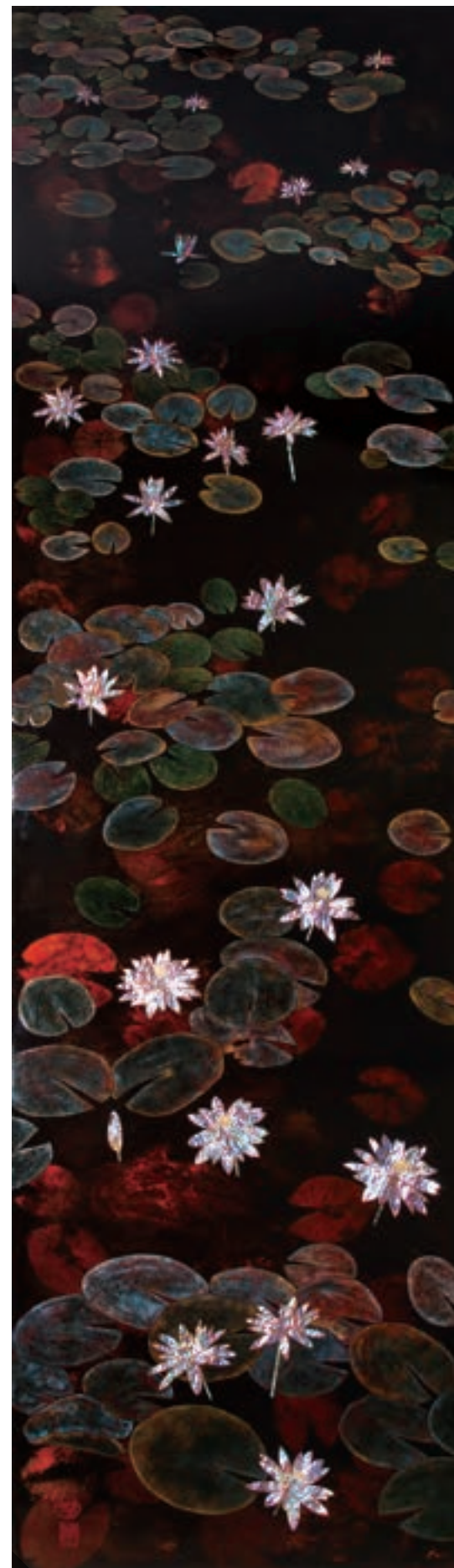
To Be a Notable Nation in the World

In order to pass on the experiences and to learn new techniques, StrayLOHAS has signed collaboration agreements with the Department of Veterinary of the Vietnam National University of Agriculture, the Department of Veterinary of the Kasetsart University of Thailand, and the nonprofit organization — Three Paws Animal Rescue. They will work hand in hand on the TNVR project establishment, vet student exchange programs, and issues such as the disease control of stray animals. It is vital to improve animal rights in Taiwan so as to keep up with the practices used by top-tier countries in regard to this matter.





Spring: Tung Blossom
Lacquer, Seashell, Eggshell



Summer: Lotus
Lacquer, Seashell



Fall: Dragonfly



Winter:
Tagetes Erecta

中興大學藝術中心

The Art Center of National Chung Hsing University

Heritage·Innovation

The Art Center of NCHU was established to immerse everyone in the great atmosphere of art through exhibitions, lectures, workshops and diverse collections that provide opportunities to nurture our students with international dimensions of art and their interests through social engagements. This time, we are going to present three Taiwanese artists who created a new vision from learning and passing on the ancient art of craft and calligraphy. The masterpieces of the artists transcend the classic aesthetic perspective and display the uniqueness in their own glory.



Artist/ Huang Li-Shu

Lacquer Art: A Teacher and Students Exhibition of Lacquer Art by Ms. Huang Li-Shu

Traditional crafts reflect the needs of the people and represent the vitality of historical legacy, while the expression of decorative arts is more culturally stylish and distinctive. Among which, "lacquer art" is famous for its complicated procedure and exquisite production, which has both practical and aesthetic values. Ms. Huang Li-Shu is a Living National Treasure of lacquer craftsmanship and a preserver of important traditional craftsmanship techniques. She has been studying a variety of lacquer techniques and has been involved in researching and investigating the history of lacquerware in Taiwan. She is well versed in her skills and continues to create, which has enriched the depth and breadth of her future works and teaching. Her works combine various media such as wood, bamboo, rattan, stone, and metal, conceptualizing topics from life experience and observing the surrounding environment with the keen nature of an artist, which starts from tradition and incorporate new contemporary thinking in order to showcase the heritage and innovation of Taiwanese craftsmanship through the thousand-year-old lacquer artifact.



Flavorful Life



Crimson Red



Cherry Blossoms at Night

