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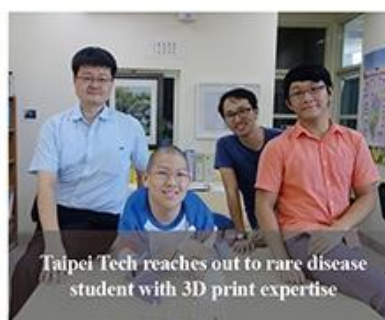
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MOU signed between
Taipei Tech and Chang Gung



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intern students to Vietnam



Taipei Tech reaches out to rare disease
student with 3D print expertise



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International Design Competition



MOU signed between Taipei Tech and Chang Gung

In order to foster academic cooperation and clinical application, Taipei Tech and Linkou Chang Gung Memorial Hospital signed a memorandum of understanding (MOU) on November 30, 2016. Linkou Chang Gung Memorial Hospital has always been active in communicating with top academic

research institutions. As a university which works close with over 130 medical institutions in Taiwan, Taipei Tech has great research power in electronic, electronical engineering, chemical engineering, and so on. Combining these research strengths with the hospital's clinical experience in medical care, the MOU signed between the two parties is expected to elevate medical device R&D affectively therefore benefit numerous patients worldwide.

The MOU signing ceremony was co-host by Lechter Yao, Taipei Tech's President, and Ming-Huei Cheng, Director of Linkou Chang Gung Memorial Hospital. Both sides agree to pour fund into four domains including co-hold international conference,

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sharing teaching and research resource, creating mutual recommendation channel for conducting research to one another's institute, and fighting for government projects.

Leehter Yao noted that although Taipei Tech doesn't have department related to medical care, many outstanding R&D result in electric, electrical engineering, chemical engineering, molecular, and Biotech & Health Care were produced during cooperation with medical institutions over 20 years. Moreover, Taipei Tech also has great knowledge of technique transfer and commercialization process since we have innovation research and development company.

With complete and long-term care system, Linkou Chang Gung Memorial Hospital is a good intern partner for students. Current cooperation including caring robot R&D, precise cancer treatment using Nanotechnology, biomaterials R&D for ophthalmology and orthopedics departments, and 3D printing technique applications. President Yao believed that abundant results could be reaped from this MOU in the near future.

Taipei Tech sends intern students to Vietnam

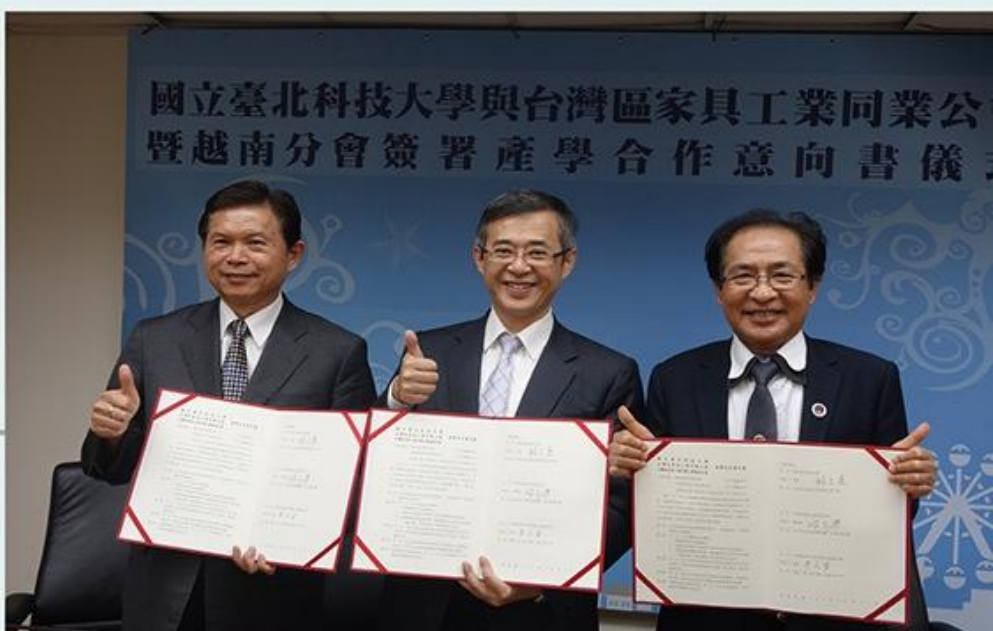
President Ing-wen Tsai launched the New Southbound Policy that aims to establish a tighter bond between Taiwan and countries in the Association

of Southeast Asian Nations, Southern Asia, and even New Zealand and Australia in 2016. In response to the New Southbound Policy, Taipei Tech cooperated with Taiwanese businessman in Vietnam on cultivating talent in furniture industry.

In 2016, Taipei Tech has 42 students in its new 4-year IAIE program in furniture and carpentry. Leehter Yao, Taipei Tech's President, noted that students in this program will focus on learning professional knowledge in first 2 years. Under solid instruction, they will be encouraged to obtain National technique certificate in the first semester of their third year. Then, in the second semester, students are required to embark an internship in related domestic enterprises. In the fourth year, student will spend the whole year in Vietnam as an intern. We also plan to add Vietnamese language class into the program for increasing students' competitiveness, said President Yao.

Taipei Tech joint hand with Taiwan Furniture Manufacturers' Association and its Vietnam Branch on this program, the MOU signing ceremony was held on November 5.

Chang-xiu Chen, Director of the Taiwan Furniture Manufacturers' Association, noted that Vietnam is one of the most important furniture export countries in the world. And Taiwanese business made a huge contribution in the process. He hoped that this IAIE program provides quality training for future R&D, management, and marketing personal in furniture industry.





Professor Wang's team and Xuan-han Wang

Taipei Tech reaches out to rare disease student with 3D print expertise

"I hope that I can have a mouth pen to write with" said Xuan-han Wang, a junior high school student at National Hualien Senior High School who suffered from a rare disease called Achondroplasia. This disease affects Wang's hands and legs, and the only way he can write is to lie on a table and hold a mouth pen. Nevertheless, this special pen made from Japan is going to stop production soon. Without this mouth pen, writing for Wang, seems to become even harder. Jia-chang Wang, Associate Professor of the Department of Mechanical Engineering of Taipei Tech, lead a 3D print team to make a new mouth pen for Wang. From booking train tickets to carry heavy professional equipment, Wang's team went to Hualien 3 times conducting a customized mouth pen and assistive device for Xuan-han.

In May 2016, there was an inspiring news report went like this: A student with Achondroplasia at Sin-Chen Junior High School was about to graduate. Even if the illness caused muscular dystrophy to his arms and legs so he had to hold a pen imported from Japan, he still dedicated himself to study and has kept great grades for 3 years. The bad news was that the type of pen which Wang has been using is no longer in production anymore; therefore he called out for help. Leehter Yao, President of Taipei Tech, read this report and was touched by Wang's resilience and hard-working. As the leader of Taipei Tech, Yao wants to fulfill University's social responsibility by lending a hand to Xuan-han. Yao asked Jia-chang Wang, Associate Professor from the Department of Mechanical Engineering at Taipei Tech specialized in 3D printing, to form a team to reach out to Xuan-han. Professor Wang was on a medical conference when he took this mission. Therefore, he could gather dentist and physiatrist at Mackay Memorial Hospital who were interested in this volunteer trip at a very short time.

In the first trip, Professor Wang brought a self-designed pen with him but only to found out that Xuan-han had loose gums, Malocclusion, and Scoliosis due to continuously usage of a mouth pen. As a result, Professor Wang's team has to not only print out a pen but also a mouth guard and elbow assistance device. In order to assure Xuan-han can write comfortable, the mouth guard was made of medical material and the assistance device will protect him from hurting elbows. Moreover, the refill is available at ordinary bookstores. Xuan-han noted that he has been using mouth pen



since 8 years old, sour gum and scratch on lips are common for him. Sometimes, the condition was too severe and affected his appetite. But he didn't know the reason was Malocclusion at that time. After using Taipei Tech's mouth pen, Xuan-han found that sour doesn't come to him despite the fact he wrote more than ever. Also, writing became fluent task for him and his words turned out to be neater. Xuan-han's dream is to become a judge and defense justice for people.

Professor Wang noted that it is a pleasure to help others with his expertise, and he was rejoiced when he received the letter from Xuan-han and saw his pretty words on it.

Taipei Tech won Silver in 2016 Taiwan International Design Competition



Started from 2010, the Taiwan International Design Competition attracted 14,858 works from 69 different countries around the globe in its 2016 competition. The scale is bigger than iF and Red Dot design awards. The biggest international student design contest released its result on October, 27. After intense discussions among 27 professional judges, a total of 67 awarding designs were picked out of 14,858 entries. The award ceremony and exhibition will be held on November, 28.

The contest has four categories, i.e. product design, visual design, digital animation, and brand specified category. In addition to the

high-profile International Design Association Special Prize, awards also include 1 gold prize, 1 silver prize, and 3 bronze for each 3 categories.

Designed by Yu-sheng Chen, student from the Master Program of Innovation and Design, EasyBasin was awarded Silver Prize in product design category. EasyBasin is a washing device that relieves the burden of force necessary for washing clothes by hand. With the target customer aimed at seniors and women, Chen hope to combine function with ergonomic considerations to achieve the most labor-saving method for the three hand washing steps: preparation, washing, and pouring away the water, thus making manual washing not only easier to do but also easier to clean up after.

Chen noted that when he saw his grandmother carrying the utilities for hand washing which might up to 11 kg when filled with water, the original idea of designing a better product immersed in his mind. In fact, although almost every household has a washing machine, some delicate fabric and clothes still need to be hand-washed. It is no doubt that EasyBasin has its market beyond seniors and women



Wish you have a great day ahead,

A handwritten signature in black ink, reading "Wenlung Li". The signature is written in a cursive, flowing style.

President

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