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科技管理學院

College of Technology Management

E-NEWS LETTER



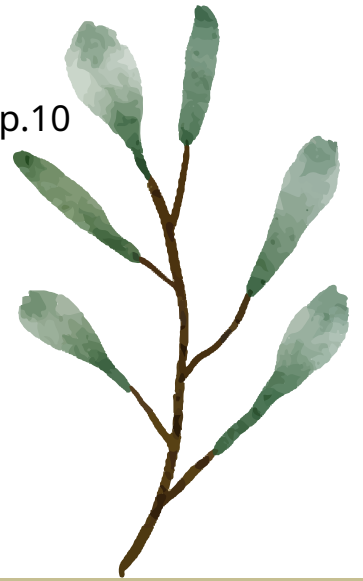
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永豐 銀行 曹為實 董事長 講座 紀錄

作者：黃憶旋

永豐銀行董事長曹為實是清華大學動力機械工程學系**84B**級校友，曹學長歷任多家國際金融機構要職，包括高盛香港分行執行董事，瑞士銀行香港分行董事總經理，摩根史丹利亞洲董事總經理，和巴克萊亞洲董事總經理，是極少數能躋身金融業高層的台灣人。日前，工學院與科技管理學院共同規劃之「財經科普系列投資銀行金融講座」，特地邀請曹學長回到母校，以四場演說與學弟妹分享他職場多年來的心得，以及清華大學帶給曹學長的生命啟蒙經驗，現場互動精彩、氣氛熱烈。採訪小組將曹學長的生命故事菁華整理為文字，與所有讀者共享。以下是重點摘要：



曹學長與清華大學的淵源

曹學長就讀大一時，就強烈感覺到自己讀錯系，當初不該選讀動機系，應該讀法律系，因為曹學長自認對於人跟人之間關係，及分析是非對錯特別感興趣，他亦曾經想過要轉念台大法律系，但後來因為太愛清華大學，所以最終沒有轉學。

大一時，曹學長參加思言社，並擔任梅竹賽代表，沒想到結果是我方以**5**比**0**被痛宰。曹學長回憶，當時以為經過一學期訓練，已經準備好了，誰知當對方的論述出乎預期時，自己立刻亂了陣腳，邏輯和思考過程不夠成熟，不難想見以慘敗收場。賽後，曹學長等三位大男生在現場「哭翻了」，但也因此痛定思痛，深刻檢討反省，學習到隨機應變的重要性，後來升上大二時，曹學長擔任辯論小隊隊長參與財稅盃辯論比賽，當年就帶領小隊拿下冠軍，那是清大有史以來第一次在辯論比賽拿到前三名；之後的大學盃，曹學長更獲得「最佳辯士」榮銜，他還把一身思辨技巧傳承給學弟妹，讓這些二代辯士陸續在外奪下更多榮譽。社團經驗多采多姿，並沒有讓曹學長因此耽誤課業，大二時他獲頒梅貽琦獎學金，不用擔心學費，還能拿一些錢回家。曹學長回憶，當年動機系是清華全校「數一數二難念」的科系，晚上走回宿舍時，可能還以為宿舍沒人住，因為大家都在圖書館努力念書。曹學長自認花在讀書的時間不多，成績卻仍可維持在前**5**名，他表示，這要歸因於在大一思言社所學習到的技巧，也就是盡快整理複雜、困難的素材，成為一份有用的資訊，這種技巧甚至讓曹學長在晚上**11**點就能睡覺。

曹學長除了提升自己，也嘗試用知識影響周遭的人。他回憶，大三時曾去新竹少年監獄教書，因為當時在聯誼活動中認識一位異性，她的弟弟因故入獄服刑，家中沒有放棄這個孩子，期待他有學習的機會，因此曹學長自告奮勇，以平時兼差當家教的經驗，每個禮拜花兩天下午到監獄教導這八位少年犯，其中七人後來順利考上大學，並能讓他們提前假釋，重新走上新的人生。這個例子深深鼓舞曹學長，他也體會到絕望環境可以激發人的無限潛能。

總結四年的清大生活，曹學長收穫最多的，首推思言社的訓練經驗。曹學長說：「思而後言，言而後行，慎思明辨」，這不只是比賽爭高下的口訣，更是做人處世的原則，後來曹學長無論在工作上遭遇再大挑戰，他都能盡快在衆多訊息中整理出一套邏輯，進而判斷可行性與實際做法，對工作十分有用。至於動機系的學術訓練，讓曹學長學會「邏輯理性，無堅不摧」，他解釋，凡事一定要用邏輯思考，只要思路正確，絕大多數時候都能找到答案。

清華大學給曹學長的收穫則是：「自己厲害不是很厲害，一群人厲害才叫厲害」。曹學長強調，不管一個人多麼有錢、有本事，除了以理性推論、邏輯思考獲得利益，更重要的是應該推動平時生活的社區、國家朝永續多元發展，畢竟，強者最終還是要跟身邊的家人、朋友、環境共存，不可能獨善其身，這也就是「厚德載物，自強不息」的道理，恰好和近幾年風行的**ESG**概念不謀而合。亦即越有能力的人，越是有責任要建立一個永續生存、永續豐盛的環境。

曹學長總結說，清華大學為自己裝上一個很重要的武器，就是有能力充分思考一個問題，想出透徹的解釋，並且清楚表達論點或解方，這正是當年曹學長在辯論比賽慘敗之後的心得。曹學長比喻說，金庸武俠小說裡的各路神功，以「達摩一式」最厲害，這個心法發展出所有的武功，天底下再複雜、再厲害的武器、武功，最終如果能夠歸結成一個道理，就好像百川入海，就成功了。讀書的秘訣也是如此，要能夠簡化、整合本來十分複雜的資訊，變成一個道理，甚至能以此重新解釋衍生的問題，這時你基本上已經把學問的核心抓住了。

二、曹學長的銀行家之路



就讀研究所時，曹學長曾在**HP**實習，當時他負責打電話聯絡各公司**CEO**，推銷**HP**的工程用電腦；研究所畢業後，**HP**也發給曹學長**offer**，因為曹學長只是一介實習生，但從他手上賣出的電腦，比某些全職員工還多，公司十分驚豔，認為曹學長很有潛力，因此希望延攬他。曹學長在研究所主修策略與行銷，大學主修動力機械工程，他盤點自身履歷，認為自己最缺的是財務相關經驗，應該去銀行工作，所以曹學長又申請花旗和大通銀行 (**Chase Bank**)，竟也雙雙錄取，連同先前告知獲選的**IBM**，曹學長研究所甫畢業時，便一舉拿到**4**家知名外商企業的錄取通知，而他最後選擇報到的是花旗銀行。曹學長解釋，選擇花旗並不是因為它薪資最高，而是因為花旗的訓練內容最豐富。最初，曹學長以儲備幹部身份進入花旗銀行的經理人培訓計畫 (**MA program**)，之後接連被拔擢為副理、經理，曹學長演講時也大力推薦學弟妹參與此計畫，他表示：「如果有機會，一定要拼進花旗的**MA program**，因為有很紮實的訓練！」

花旗的員工培訓如何改變曹學長一生？他介紹，金錢在閩南語中被比喻為「人兩腳，錢四腳」，而四隻腳的動物，移動速度一定快過兩隻腳的，「所以想要去一個地方，坐著四隻腳的動物去，一定比人用兩隻腳跑更快」。曹學長解釋，金錢在當今的社會就是由金融機構控制，無論個人或組織，有想要達成的目標時，透過金融機構借力使力、發揮槓桿效果，達標速度會最快，而且最有效率。譬如若是有企業希望台灣能使用更多太陽光電，比起自己興建太陽能電廠，不如開設一間銀行，融資給**10**間、甚至**100**間有相關技術的公司，這樣一定能更快達到廣布太陽光電設施的效果，這就是曹學長服務的永豐銀行近年努力推行的工作，而且永豐銀行在太陽光電業務的融資項目，已經登上全台灣同業第一名。

儲備幹部培訓結束後，曹學長先被分派到公營事業部門(**public sector**)，擔任中鋼、華航、台船等大型國營事業的信用分析師，及客戶經理。當時曹學長也曾參與華航的**IPO**（首次公開發行），當年在衆人不看好時，曹學長獨排衆議、透過一一拜訪遴選委員，運用在清華大學練就的「達摩一式」心法，向委員們通盤分析，為甚麼委託花旗承接這項業務最有利，最後花旗果然成功拿下這件案子。花旗更因為此案打開在國營事業間的知名度，後來花旗一步步打進其他企業，甚至成為中鋼、中鼎、中船等公司最大的外幣往來銀行。

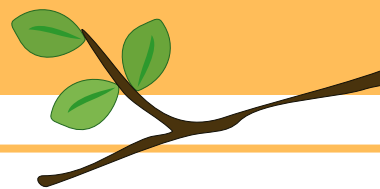
當時曹學長除了一步一腳印，耕耘國營事業客戶，他也大膽嘗試創舉，挑戰同業不曾在台灣市場做過的飛機、輪船資本租賃融資，而且取得一定成績。透過這一系列案例，曹學長勉勵學弟妹，做事的關鍵在於有沒有用心去做，並不是能力高下，而是對自己有自信，相信能夠做得到。曹學長特別提醒聽眾說，在大學期間，就是好好磨練自信最佳的場域。



在花旗台灣工作兩年後，曹學長又被相中，外派到花旗紐約總行，成為史上第二個被送出國歷練的國際員工（**International Staff**）。曹學長在總行首先擔任招募經理（**HR**），雖然沒有海外知名學歷，曹學長仍成功招募多達**200**位儲備幹部，而且來源涵蓋全亞洲，從日本到印度的廣大地區都有人才被招聘。接著，曹學長又被指派到交易室，成為衍生性金融商品交易員，自告奮勇加入新興市場衍生性商品交易台，這一次，他又成功達成上級交付的任務。曹學長任期內，曾繳出在超過**400**位交易員中，連續三年獲利前**10**名的好成績；他也曾在**2**個月內，與其他三名交易員一起操作墨西哥的交易商品，為銀行賺進**2**億美元。此後曹學長被調往香港，因為花旗希望曹學長將衍生性金融商品交易的能力帶到亞洲。後來，曹學長又在香港完成多筆亞洲的小龍債券（編按：指亞洲開發銀行在亞洲發行，並以外幣計價的債券），這些交易對外資銀行經營亞洲在地貨幣業務相當重要，能藉此拿到獲利豐厚的長天期貨幣交易，也完成中國大陸的長天期美元利率交換訂單。總結這些經歷，曹學長強調並非吹捧自己的能耐，而是他充分將大學學習到的知識學以致用，不管是搶下華航的**IPO**，還是長天期利率、亞洲貨幣交易，大學的思辨訓練都讓曹學長有能耐分析很難、很複雜的業務內容，化為清楚簡單且可執行的任務，工作起來也就能更加迅速、到位。這是曹學長送給每一位清大人的臨別贈言。



科管院潛力新苗探索成長營



作者：李依陵



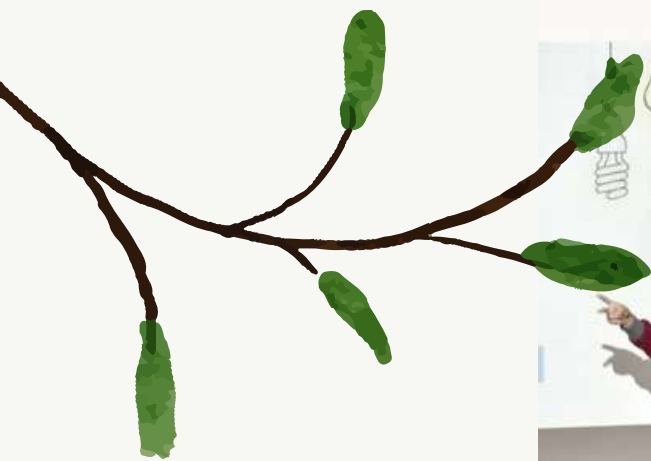
清大科管院潛力新苗探索成長營是科管院所設立的營隊，由計量財務金融學系、經濟學系、科管院學士班三系共同舉辦，為期兩天的週末營隊活動，每年會有一至兩屆，約舉辦在四、五月及十一、十二月，各一至兩個梯次。不同梯次會有不同的討論主題，也會有三堂教授課程以及一堂業師課程，包含經濟學領域、財務金融領域、科技管理領域、科技法律領域以及服務科學領域等豐富內容。不僅如此，在營隊活動中也可以體驗到團體競賽以及各種有趣的小活動。

此營隊的執行長--計財系索樂晴老師在活動官網提到，營隊規劃呼應了國教總綱領理念：「自發」、「互動」、「共好」，目的在於幫助現在的高中生提早接觸大學生活，對於未來更有想法。辦營隊的初衷也在於國教新課綱時代的來臨，提供新課綱時代下的學生一個自我覺察及啟發的機會，並且期許透過這個營隊用心澆灌，讓他們成為未來的社會中堅，因為每一位學生都是潛力新苗，擁有著無限可能。

營隊中的系列課程，都將以具體行動達成「啟發生命潛能」、「陶養生活知能」、「促進生涯發展」、「涵育公民責任」等目的，以素養導向來培養高中生的能力。在此營隊中，由科管院各系的教授親自擔任講師，帶來各自專業領域的精彩講題，除此之外，也會邀請正在清大科管院就讀中、擁有豐富經歷的學長姐進行經驗分享，讓參與營隊的高中生更能貼近大學生活。

清大科管院潛力新苗探索成長營於2021年四月份舉辦了第一屆，至今已成功舉辦了三屆共四個梯次，獲得了許多參與營隊的學員以及其家長的正向肯定，來自桃園高中二年級的朱潔瑀學員分享「因為對未來的目標不是很清楚，但透過這個營隊的參與，讓我更加瞭解自己的興趣和方向。」新竹高中二年級的陳奕安學員表示自己比較早就知道想往經濟、商管方面，剛好透過這個營隊看看不同的經濟領域科系在做甚麼，從中找尋與自己理想中更契合的志向。而營隊的簡報比賽也讓參與同學提前體驗大學分工合作的作業模式。





第三屆營隊活動總召，計財系的王力弘同學分析透過營隊的參與高中學生可以提前接觸到金融、科技、管理等相關議題，幫助未來的校系選擇；而他自己則是在籌備及執行的過程中，學到如何更充分使用簡報模版、社群媒體等科技軟體，遇到的大小事件幫助他學習如何更好的進行人際溝通。

2023年的營隊即將展開，希望不論是參與的學員，甚至是參與籌辦營隊的科管院學生們，能夠更了解各種時事議題，從潛力新苗透過灌溉滋養而成長茁壯，將創辦營隊的初衷傳承下去。





Editor's note:

Philip Tsao, chairman of Bank SinoPac

Author: yi-hsuan Huang

Editor's note: Philip Tsao, chairman of Bank SinoPac, is an alumnus of the National Tsing Hua University (NTHU) Department of Power Mechanical Engineering Class of 1995 B. Mr. Tsao has held important positions at many international financial institutions, including as executive director of Goldman Sachs Hong Kong Branch, managing director of UBS Hong Kong Branch, managing director of Morgan Stanley Asia, and managing director of Barclays Asia. He is one of very few individuals in Taiwan that can sit at the top of the financial industry. From October to December 2022, the "Popular Finance Series Investment Banking Finance Lectures" planned by the College of Engineering and the College of Technology Management specially invited Mr. Tsao to return to his alma mater and share his work experience with the students in four speeches, and also talk about the businesses of international investment banks that generally aren't visible in Taiwan. His interaction with the students was wonderful, and it was a spirited atmosphere.

Mr. Tsao's Relationship with National Tsinghua University

When Mr. Tsao was in his freshman year, he had a strong feeling that he was in the wrong department and shouldn't have chosen the Department of Power Mechanical Engineering. He thought he should've chosen the Department of Law, since he believed that he was particularly interested in the relationships between people, and the analysis of right and wrong. He considered transferring to the Department of Law at National Taiwan University, but because he was passionate about NTHU, he eventually decided to stay.

During his freshman year, Mr. Tsao joined the Debate Club and represented the NTHU for the first time in the Meichu Game's debate competition. NTHU was unexpectedly destroyed in a 5-0 defeat.

Reflecting on the defeat, Mr. Tsao thought that he was ready after a semester of training, but the other team's arguments came out of nowhere and he immediately lost his footing. His logic and thought process wasn't developed enough, so it was easy to see how the competition ended up in horrific loss. After the competition, Mr. Tsao and the other three boys "cried like babies," but they also learned from this painful experience. They thoroughly reviewed what happened, and learned the importance of adapting to changes. Later as sophomores, Mr. Tsao served as the captain of the debate team to participate in the Finance and Taxation Cup debate competition, and led his team to NTHU's first-ever top-3 finish. Later during the University Cup, Mr. Tsao was named as the "Best Debater," and he passed on his debate skills to his younger classmates. The younger debaters went on to be successively win even more honors in debate competitions.



Despite his abundance of experience in clubs, Mr. Tsao did not neglect his studies, receiving the Dr. Mei Memorial Academic Scholarship during his sophomore year. He didn't have to worry about paying tuition, and could even support his family back home. Mr. Tsao recalled that the Department of Power Mechanical Engineering was one of the most difficult departments at NTHU. Walking back to his dorm at night, he nearly thought no one lived there since everyone was studying hard at the library. Mr. Tsao thinks that he didn't spend that much time studying, but his grades were still in the top five of his class. He said that this was probably because of the skills he learned as a freshman at the Debate Club, such as quickly organizing complex and difficult materials into useful pieces of information. This allowed Mr. Tsao to go to bed at 11 p.m., which was considerably earlier than other students in the Department who didn't go to bed until 2 or 3 in the morning after finishing homework.

In addition to making himself better, Mr. Tsao also used his knowledge to try and influence those around him. He remembered that he went to teach at the Hsinchu Juvenile Detention Center as a junior, he met a girl at a meet-up event whose younger brother was detained there. Her family didn't give up on this child and hoped that he could get a chance to have an education, so Mr. Tsao volunteered to help. Working part-time as a tutor, he spent two afternoons every week at the detention center to teach eight juvenile delinquents. Seven of them were successfully admitted to university, and they were released on early parole to embark on their new lives. Their success deeply inspired Mr. Tsao, who realized that desperate environments can stimulate an individual's unlimited potential.

To sum up Mr. Tsao's four years at NTHU, he learned the most from the training he received at the Debate Club. Mr. Tsao said, "Think before you talk, talk before you act, think carefully and debate with clarity." This isn't just the key to winning in competitions, but also a principle for life. Whenever Mr. Tsao encountered immense challenges later on in his career, he was always able to quickly create a logical system out of a variety of information to determine feasibility and actual practices, which has been very useful for work. The academic training Mr. Tsao received at the Department of Power Mechanical Engineering taught him that "logic and reason are invincible," on which he elaborated that people must apply logical thinking. As long as the thought process is correct, the answer can be found 9 out of 10 times. What Mr. Tsao learned at NTHU was that "Being great as an individual is nothing, but a group of people being great is truly impressive." Mr. Tsao emphasized that it didn't matter how rich and capable a person was; in addition to benefiting from rational deduction and logical thinking even more important to promote the sustainable and diversified development of communities and the country in daily life. Capable people still need to survive and live with their family, friends, and the environment. They cannot survive on their own-this is what "self-discipline and social commitment" are about. This coincides with the concept of ESG, which has become quite popular in recent years. This means that the more capable a person is, the more responsible they are for establishing an environment for sustained survival and prosperity.

Mr. Tsao concluded that NTHU provided him with a very important weapon, which is the ability to fully think about a question to come up with a thorough explanation, and to clearly express an argument or solution. This was the lesson Mr. Tsao learned after his defeat in the debate competition. Mr. Tsao made an analogy of the various magical skills in Jin Yong's martial arts novels, with "Bodhidharma First Pose" being the most powerful one. This technique was used to develop all of the other martial arts-no matter how complicated or powerful the weapons or skills are in the world, it would be a success if they could all be summed up into one singular principle, just like all roads leading to Rome. The same is true for the key to studying: being able to simplify and integrate complicated information into a singular principle and to reinterpret the derived problems with this principle will allow people to essentially understand the key to learning.

2. Mr. Tsao's Career as a Banker



When he was studying in graduate school, Mr. Tsao was an intern at HP in charge of calling the CEOs of various companies to sell HP's engineering computers. After graduating with a master's degree, HP gave Mr. Tsao an offer. Mr. Tsao was just an intern, but he sold more computers than some of the full-time employees. HP was very surprised and thought that Mr. Tsao had great potential, and thus wanted to recruit him. Mr. Tsao majored in strategy and marketing in graduate school, and majored in power mechanical engineering in university. He looked at his resume and thought that the thing he lacked most was financial experience, and he should work at a bank. Therefore, Mr. Tsao applied to Citibank and Chase Bank, and was offered jobs at both banks, while also being informed of being offered a job at IBM. Mr. Tsao received offers from 4 well-known foreign companies when he completed graduate school, and eventually chose to report for work at Citibank. Mr. Tsao explained that he chose Citibank not because they offered the highest salary, but because it had the most abundant training content. Mr. Tsao initially entered Citibank's Management Associate Program (MA program) as a trainee, and was later promoted to assistant manager and manager. During his speech, Mr. Tsao also strongly recommended the younger students to participate in this program. He stated, "If you have the chance, you have to join Citibank's MA program because you'll receive incredibly solid training!"

How did Citibank's employee training change Mr. Tsao's life? He used a Taiwanese proverb, "Humans have two legs, money has four legs." Four-legged animals run faster than two-legged animals, "So going somewhere on something that runs on all fours is definitely faster than a human running on two legs." Mr. Tsao explained that in today's society, money is controlled by financial institutions. If an individual or an organization has a goal that they'd like to achieve, leveraging financial institutions is the fastest and most efficient way to achieve that goal. For example, if a company wishes to see Taiwan employ more photovoltaics, it would be easier to open a bank and provide financing to 10 or even 100 companies with relevant technologies instead of building a solar power plant by themselves. This will surely achieve the widespread use of photovoltaics faster—and that is what Mr. Tsao has been working on to implement at Bank SinoPac. The financing projects of Bank SinoPac in photovoltaics already rank first in Taiwan's banking industry.

After the conclusion of the MA program, Mr. Tsao was assigned to the Public Sector Department and served as a credit analyst and account manager for large state-owned enterprises such as China Steel Corporation (CSC), China Airlines, and China Shipbuilding Corporation (CSBC). Meanwhile, Mr. Tsao also participated in the initial public offering (IPO) of China Airlines. When everyone wasn't so optimistic about the IPO, Mr. Tsao stood his ground and visited the selection committee members one by one. Using his "Bodhidharma First Pose" technique that he acquired at NTHU, Mr. Tsao provided the committee members with a comprehensive analysis on why it would be beneficial for Citibank to take on this IPO, and Citibank successfully got the contract. This contract allowed Citibank to gain popularity among state-owned enterprises, and Citibank gradually began to work with other state-owned enterprises. The Bank eventually became the largest foreign currency bank for CSC, CTCL, and CSBC.



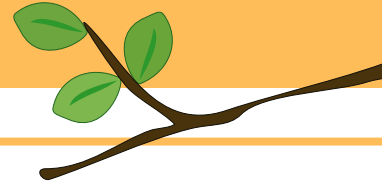
At that time, Mr. Tsao not only worked to develop state-owned enterprise customers step-by-step, but also boldly tried to be a pioneer by attempting capital lease financing for aircraft and marine vessels, and achieved results. Mr. Tsao used this series of contracts to encourage the younger students that the key lies in effort: it's not about who's more capable, it's about having confidence in yourself and believing that you can do it. Mr. Tsao specially reminded the audience that university is the best place to for students to develop their confidence.

After working at Citibank Taiwan for two years, Mr. Tsao was selected again and sent to Citibank's New York Headquarters, becoming the second International Staff member to be sent abroad for training. Mr. Tsao first served as Recruitment Manager at the head office. Even though he did not have degree from a well-known foreign university, Mr. Tsao successfully recruited as many as 200 management associates from all over Asia, ranging from Japan to India. Mr. Tsao was then assigned to the trading room and became a derivatives trader, and he volunteered to join the emerging market derivatives trading desk. Once again, he successfully completed the tasks assigned by his superiors. During Mr. Tsao's tenure, he achieved results that ranked him in the top 10 profitable traders out of more than 400 traders for three consecutive years. He also operated Mexican trade commodities with three other traders for 2 months, and made US\$200 million for the bank.

After that, Mr. Tsao was transferred to Hong Kong, as Citibank wanted him to bring his derivatives trading skills to Asia. Then, Mr. Tsao completed a number of transactions of Asian Dragon Bonds in Hong Kong (Editor's note: refers to bonds issued by the Asian Development Bank in Asia and denominated in foreign currencies). These transactions were very important for foreign banks conducting local currency businesses in Asia as it allowed them to acquire profitable long-term currency transactions, and complete long-term USD interest rate swap orders in China. To sum up these experiences, Mr. Tsao emphasized that he was not tooting his own horn but was instead applying the knowledge he learned at university. Getting the IPO of China Airlines, long-term interest rates, and Asian currency transactions—the debate training during university was crucial in training Mr. Tsao to have the ability to analyze difficult and complex businesses, and turning them into simple and executable tasks so that the work can be done more quickly and appropriately. This was Mr. Tsao's parting advice to all of the students at NTHU.



CTM EXPLORATION CAMP



Author: Yi-Ling Lee

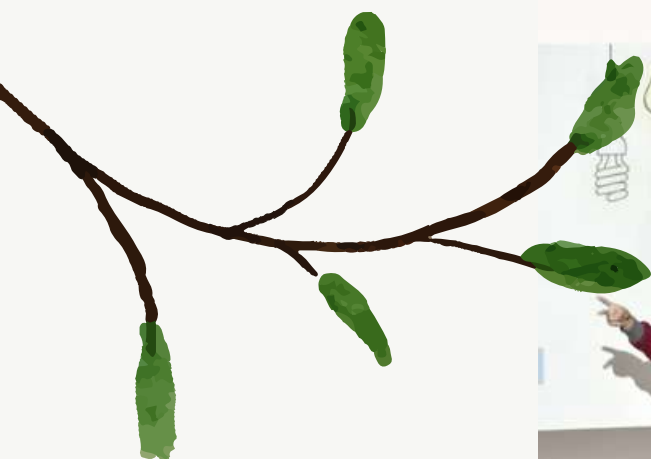


The CTM Exploration Camp was established by CTM and jointly put together with the Department of Quantitative Finance and the Department of Economics. The two-day weekend camp is held once or twice a year in April and May or November and December, with one or two sessions each time. Different topics are selected for different sessions: three lessons are taught by professors and one by professional teachers from industry, covering extensive contents including economics, finance, technology management, technology law, and service science. In addition to this, team competitions and a variety of fun games and activities can also be expected at the camp.

The CEO of the camp - So Leh-chyan of the Department of Accounting and Finance, talks on the website about how the camp was designed to correspond with the concept of the Curriculum Guidelines of 12-year Basic Education: “taking the initiative” , “engaging the public” , and “seeking the common good” . The purpose of the camp is to help high school students get an early concept of university life, so that they have a clear picture of their future. The camp was created based on the idea of providing students with an opportunity for self-awareness and enlightenment at the arrival of the new curriculum of basic education. The CEO hopes that students will take the opportunities that enable them to become the future pillars of society as each student possesses great potential for unlimited possibilities.

The courses in the camp take concrete actions for the objectives to be accomplished, including “inspire potential in life” , “cultivate life knowledge” , “promote career development” , and “develop civic responsibility” , developing the skills of high school students with a literary orientation. Professors of various departments of CTM give lectures on exciting topics from their respective professional fields and those who are currently studying in or have graduated from CTM also share their experiences. By doing so, high school students participating in the camp are able to get a better idea of what to expect at university.





The first exploration camp took place in April 2021 and since then, four sessions have successfully been held for the past three years. The exploration camp was well-received and highly praised by students and parents. One of the participants, Chu Chieh-yu, a sophomore of Taoyuan High School said: “I didn't have a clear idea of what I wanted to do in the future, but after taking part in this camp I better understand my interests and direction.” Another student, Chen Yi-an, a sophomore of Hsinchu High School, shared that he knew early on that he wanted to study economics and business administration. Through the exploration camp, he was able to get a better picture of what could be expected in the department of economics and from the camp he was able to find a direction that better suited his dream. The presentation competition in the camp allows the participating students to experience division of labor and cooperation in the university.





The Third General Coordinator of the camp, Wang Li-hong, of the Department of Accounting and Finance, analyzed that through the camp, participating students are able to grasp early comprehension of issues associated with finance, technology, and management, helping them in their future choice of school. While Wang was preparing the camp, he also learned to make full use of presentation templates, social media, and other technology software which helped him learn how to better communicate with others.

The 2023 camp is about to open. It is hoped that both the participants and the students who are involved in putting the camp together will get a better understanding of current affairs in order for them to pass down their knowledge, which is the initial purpose of the camp.

教師榮譽獎項Roll of Honor- Faculty

科法所林昀嫻副教授、計財系曾祺峰副教授榮獲111學年度科管院傑出導師獎。

Associate Professor Yun-Hsien Lin of the Institute of Law for Science and Technology, Associate Professor Chi-Feng Tzeng of the Department of Quantitative Finance won the Outstanding Mentor Award of the Institute of Technology Management in the 111th academic year.

學生榮譽獎項Roll of Honor- Students

111學年度科技管理學院博士生研究獎獲獎名單：

List of winners of the Doctoral Research Award of the Institute of Technology Management in the 111th academic year:

經濟系 李蕙心博士生 (盧姝璇老師指導)

Hui-Xin Li, Ph.D. Candidate, Department of Economics (Supervised by Prof. Shu-Shiuan Lu)

科管所 林霽恩博士生 (丘宏昌老師指導)

Pei-En Lin, Ph.D. Candidate, Institute of Technology Management (Supervised by Prof. Hung-Chang Chiu)

服科所 科佑德博士生 (王貞雅老師指導)

Do The Khoa, Ph.D. Candidate, Institute of Service Science (Supervised by Prof. Chen-Ya Wang)

服科所 林采福博士生 (王俊程老師指導)

Halim Budi Santoso, Ph.D. Candidate, Institute of Service Science (Supervised by Prof. Jyun-Cheng Wang)

科法所 李昱恆博士生 (范建得老師指導)

Yu-Heng Lee, Ph.D. Candidate, Institute of Law for Science and Technology (Supervised by Prof. Chien-Te Fan)

校友榮譽獎項Roll of Honor- Alumni

本院推薦曹為實董事長(動機84級)獲選為清華大學第24屆傑出校友。

The institute recommended Chairman Philip Tsao (Power Mechanical Engineering Year 84) to be selected as the outstanding alumnus of Tsing Hua University's alumni of 24.

科管院公告 Important Announcement

1. 玉山銀行黃男州董事長獲聘為計財系教授級實務教師。

Chairman Joseph Huang of E.SUN Bank was hired as a professor-level practical teacher of the Department of Quantitative Finance.

2. 永豐銀行曹為實董事長獲聘為計財系教授級實務教師。

Chairman Joseph Tsao of Sinopac Holdings was hired as a professor-level practical teacher of the Department of Quantitative Finance.