

「一個都不能少」—資工系友回娘家

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資工系今年選出 11 位傑出系友，分別是蕭清志學長（計控 64）、李錫堅學長（計科 65）、楊維邦學長（計工所 68）、張瑞川學長（計工 68）、曾憲雄學長（計工 68）、朱俊湧學長（計工 69）、陳士元學長（計工 73）、吳坤榮學長（資工所 73）、楊朝棟學長（資科所 81）、洪毓祥學長（資工 79）、蘇家永學長（資工 93）。秉持著「連結·凝聚·一個都不能少」的精神，校慶活動有幸邀請到傑出系友，返校與在學學子進行求學與職場之歷程和經驗分享，並出席傑出系友受獎典禮。從在校師生到榮譽系友，眾人共襄盛舉，使得這場「老中青」三代同堂的團聚盛宴更添承先啟後、精神傳承之重要性。

於分享過程中，計工所 68 級的楊維邦學長謙虛地將傑出系友的榮譽歸功於本校與系上完善的教學研究環境，在一流的研究設備、實驗室、工作同僚與學生等條件因子綜合加成起來，方有實踐研究成果、奉獻畢生所學之機會。從國際化的前瞻思維，到軟硬體設備甚至人才管理的層面，系所所培養的學生不單局限於理工專長，引用同為計工所 68 級的曾憲雄學長所說：「不只是在學業上，在各方面交大資工都孕育了一個典範，怎麼樣用負責任的態度，怎麼樣地務實，我們有別於其他學校，解決真正的問題。」曾學長也同時舉了 Vax780 的操作經驗、全國第一個光纖網路架設等例子，再次肯定資工系所傳承的務實態度，以及創新求變，無畏困難的挑戰精神，皆是傑出系友們一致認同，有幸能於學涯中取得的「大祕寶」。

談到求學過程中的實務和實作經驗，儘管系友們戲稱本校又名「交作業大學」，許多課程師長指派作業皆不手軟，然而眾人仍對於實作中所得之收穫給予極高的肯定。曾服務於太空中心的資科所 81 級楊朝棟學長以過來人的角度分享，繳交作

業的同時，能在無形中讓自己從理論到方法，從實務的實作再到系統建置，為未來執業打下良好的基礎，使自己擁有足夠能力勝任工作內容和挑戰。資工所 73 級的吳坤榮學長亦對此表示贊同，運用實務中所學，將專業知識運用於智慧交通、警政安防等領域，以自動化，自動辨識，自動通關等方式取代港口車輛進出的人工檢查繁複流程，協助提升通關效率。此一貢獻亦使吳坤榮學長獲得交通部模範公務人員、中國工程師學會傑出工程師等殊榮，實為名副其實之傑出系友。

計工 73 級的陳士元學長在分享感言時，回憶起在學階段曾加入棒球隊，每天過著讀書、打程式和訓練球技的「極限時間管理」生活，儘管如此，他仍將這項挑戰視為成長和充實自我的養分。「時間管理的技能對工作上幫助很大，尤其整個資工系的訓練，我想邏輯理性思維對我的幫助更是無庸置疑的。」陳士元學長此番中肯的發言讓與會眾人頻頻點頭。資工 79 級的洪毓祥學長則認為，「執行力」便是求學過程中所習得和訓練到最為關鍵的技能，搭配系上所提供充沛的資源和學長姐廣闊的人脈，自己方有機會於業界創新創業、一展抱負。

於活動過程中，系學會和彭文志主任也和傑出系友們分享系所現況，包括以連結系友為目的所架設的交大資工粉絲團與交大資工系友平台（NCAP），以及用於保存珍貴電腦文物與改造工程三館的「交大資工 5040 計畫」之籌備進度。舞臺上下，系友們與師生交互輝映，笑談間所蘊含的不單是對於一眾明日之星的期許，更是對於整個系所未來如何繼續擁抱創新、走在學術和技術尖端的展望。身為陽明交大資工一份子的眾人，將秉持著「連結·凝聚·一個都不能少」的精神，攜手迎向前方未知的挑戰。



“Not one less” – Computer Science Alumni Reunion

The department of Computer Science named eight honorees as Outstanding Alumni of the Year. The awardees are listed below: Chih-Ching Hsiao (CC '64), Hsi-Jian Lee (CS '65), Wei-Bang Yang (CE '68), Ruei-Chuan Chang (CE '68), and Shian-Shyong Tseng (CE '68), Dennis Chu (CE '69), Shih-Yuan Chen (CE '73), Kun-Rong Wu (CE '73), Chao-Tung Yang (CS '81), Yu-Xiang Hong (CE '79), and Joe Su (CE '93). Adhering to the spirit of "Connection, Cohesion, and Not one less", the anniversary was an opportunity to invite outstanding alumni back to campus to share their post-graduation experiences with students, and attend the Alumni Awards Ceremony. The reunion feast that students at school, faculty, and the honorary alumni celebrated together indicated the close bonding amid "Old, middle, and young" three generations, which is of more importance for inheriting the past and ushering the future as well as carrying on the spiritual heritage.

During the discussion, Wei-Bang Yang (CE '68), humbly owed the honor of outstanding alumni to the perfect teaching and research environment at school. With excellent research equipment, laboratories, colleagues, and students, you can effectively engage in research and have opportunities to make achievements by applying what you have learned in life. The expertise of students cultivated by the department of Computer Science comprises not only the skill set of engineering but also global forward-thinking, facility administration, including software and hardware, and even talent management. Shian-Shyong Tseng (CE '68) said, "In all aspects, in addition to academics, the department of Computer Science at NYCU set up a paradigm: acting in a responsible and pragmatic manner, we solve real-world problems, which makes us different from other schools." He once again took the operating experience of Vax780 and the first fiber optic network setup as examples to affirm the pragmatic attitude and the fearless spirit of innovation towards challenge both inherited from the Department of Computer Science. The outstanding alumni unanimously agreed how fortunate they are to get such "Great Secret Treasure" at school.

Speaking of hands-on experience and practical training at school, alumni gave positive recognition for the benefits of practical training. The faculty assigned heavy homework even though alumni joke about NYCU as "Homework University". Chao-Tung Yang (CS '81), who once served in the Space Center, shared experiences from personal point of view: while preparing homework, we could build up a solid foundation for

the career, from theory to application as well as from practical implementation to system architecture, so that we would be capable of performing our jobs and overcoming challenges. Moreover, Kun-Rong Wu (CE '73), also agreed with Yang's comment. Applying what he has learned in practice, Wu utilized his professional knowledge to the fields of smart transportation and police surveillance. Wu replaced manual processes conducted on ports with automatic processes, such as entry/exit logs and verification, to improve the process efficiency. In recognition of his contribution, Wu was awarded the Good Model Civil Servant by the Ministry of Transportation and Communications and an outstanding engineer award by the Chinese Institute of Engineers. He truly lived up to an outstanding alumnus.

While sharing his testimony, Shih-Yuan Chen (CE '73) has recalled the time in the school baseball team, when he lived a life of "extreme time-management" to strike the balance among studying, programming, and baseball training daily. Nevertheless, he treated this challenge as nourishment for personal growth and enrichment. "Good time management skills are beneficial at work, not to mention the training, such as logical and rational thinking, from the department of Computer Science, which definitely has a positive effect on me." The audience nodded his pertinent opinion. Meanwhile, Yu-Xiang Hong (CE '79) recognized that "execution" is the most critical capability we have learned and been trained through the school of hard knocks. The abundant resources provided by the department and the extensive alumni network empowered him to pursue the business model innovation and propel the business forward.

During the feast, Chairman Wen-Chih Peng and CS Union shared the current activities of the department with outstanding alumni, including the NYCU CS fans group and CS Alumni Platform (NCAP) which was intended for alumni connection, as well as the progress of the preparatory work "NYCU CS Project 5040" for the preservation of precious computer cultural relics in the renovated Engineering Bldg 3. When alumni, either upstage or downstage, enjoyed interacting with faculty and students, what they bore in mind was not only the expectation for a bunch of stars of tomorrow, but also the future prospect of the department for continuous innovation and leading-edge progress, both in academic and technology. As members of the department of Computer Science at NYCU, we will uphold the spirit of "Connection, Cohesion, and Not one less" to overcome the unknown challenges ahead together.