

傑出校友 林榮賜學長：利他共好

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本校合校後，首屆傑出校友名單於去年年末出爐，極具邁向「偉大大學」里程碑代表性，意義重大的獲獎名單中，除去防疫第一線，守護國人健康的醫療公衛領域佼佼者外，亦不乏多位奠定台灣現有通訊建設基礎，放眼未來，布局全球的資通訊領域中堅人才。其中也包含了本文的主角，民國 76 年畢業於本校計算機工程學系，深耕資通訊領域三十載，打造台灣行動 5G 與寬頻服務不遺餘力，任職中華電信執行副總經理（技術長）的林榮賜先生。

具備本校資訊工程研究所博士學位，身為交大資訊人一脈的林榮賜學長，曾擔任中華電信數據通訊分公司總經理、中華電信研究院院長等要職，專門執掌網路與數據技術的應用開發與建置，是位學識與業界經歷兼具的技術領航先鋒。在 5G 技術萌芽之初，林榮賜學長便利用透徹的產業觀察，搭配上多年累積的學識、技術經驗，提前為「萬物皆可聯網」的智慧聯網時代佈局。在認知到電信業者於新商業模式下的定位後，林榮賜學長判斷其所具備的「中介性質」特性，最有機會將使用者與應用服務這兩端串聯在一起，目標既已確立，一系列包括智慧交通、智慧安防、智慧能源等領域的大型專案便開始運作。

除了發揮自身專業，督導行動 5G 建設，打造行動寬頻智慧世代，帶動活躍網路社會之貢獻外，林榮賜學長亦善盡社會責任，長期致力於推動公共安全及災害防護救助緊急通訊之建置。另一方面，林榮賜學長也不忘飲水思源，積極提供資源與協助，支持母校透過產學合作提升「交大出品」人才的國際競爭力。自民國 102 年起步之「產學大聯盟計畫」觀察便可發現，林榮賜學長於與中華電信的產學合作洽談中，扮演極為關鍵的重要推手；此外，其多次協助本校建置前瞻電信研究網路，於強化無線寬頻、free5GC（世界第一個符合 3GPP R15 版本服務化架構標準的開源核心網路）等技術領域研究產生極大助益。

歡慶交大日當週，林榮賜學長以傑出校友、系友雙重身分返校受獎，同時藉此機會與與會師生分享自身領導團隊，統籌事務的管理經驗。憶起初入職場時所受到的衝擊，林榮賜學長點出「利他共好」概念建立的重要性，相較求學時對於學業表現的自我追求，職場上與他人合作共事乃不可避免之常態，此時大家身處同一團隊，利他即為利己，如何踐行利他行為，產生正向循環推進力，是團隊合作達成高效多產的重要秘訣。不單如此，成員的「異質性」也是組建團隊須考量的關鍵要素，如多元的意見與觀點、人格特質互補的相性調適，皆為高異質性所帶來的正面效益。

於分享末段，林榮賜學長以一句「隨時搞懂你需要的是 Do Right Things，還是 Do Things Right。」勉勵眾學子，同時提醒宏觀的格局是協助判斷的關鍵，發現對的問題，同時解決對的問題，是專案成功的不二法門。對比佈局任職公司轉型成長所須的關鍵技術與服務、帶領團隊建立產品研發敏捷化流程，即時滿足市場需求等實績，傑出校友林榮賜學長將職場歷練濃縮，傾囊相授，在經驗傳承的同時，落實了「交大人幫交大人」的精神典範。

品」人才的國際競爭力。自民國 102 年起步之「產學大聯盟計畫」觀察便可發現，林榮賜學長於與中華電信的產學合作洽談中，扮演極為關鍵的重要推手；此外，其多次協助本校建置前瞻電信研究網路，於強化無線寬頻、free5GC（世界第一個符合 3GPP R15 版本服務化架構標準的開源核心網路）等技術領域研究產生極大助益。

Rong-Shy Lin, an Outstanding Alumnus: Altruism and Mutual Advantage

The first list of outstanding alumni after the merger was announced at the end of last year, which marks a milestone towards creating a great university. In addition to the leaders in the medical and public health field, who protect our health at the forefront of epidemic prevention, the list included many talents in the field of information and telecommunications, who have laid the foundation of Taiwan's existing telecommunication infrastructure and established a global presence in the future. Among them, Dr. Rong-Shy Lin, Senior Executive Vice President (Chief Technology Officer) of Chunghwa Telecom, graduated from the Department of Computer Science at NCTU in 1976. He has been deeply involved in the field of information and telecommunications over the past 30 years and spared no effort in creating mobile 5G and broadband services in Taiwan.

Dr. Lin received his doctorate in computer science at NCTU. Specializing in application development and network and data communication deployment, he has held important positions including general manager of Chunghwa Telecom Data Communication and president of Chunghwa Telecom Laboratories. He is also a technology pioneer with knowledge and industry experience. In the early days of 5G technology, Dr. Lin combined his thorough industry observation with the knowledge and experience accumulated over the years to advance the strategic arrangement for the era of intelligent networking where "everything can be connected to the Internet." While realizing the positioning of the telecommunications industry in the new business paradigm, Dr. Lin identified its characteristic of "intermediary," which has the greatest opportunity to link both users and application services. Once the goal was confirmed, a series of large-scale projects, such as smart transportation, smart security, and smart energy, immediately kicked off.

Besides exerting the expertise in the workplace, supervising the construction of mobile 5G infrastructure, creating a mobile broadband smart generation, and driving the flourishing activity of the Internet society, Dr. Lin fulfills his social responsibilities, which he has long been promoting the establishment of public safety and emergency communications for disaster management and risk reduction. On the other hand, Dr. Lin kept the spirit of "drinking water while thinking of the source" to actively provide resources and assistance to NYCU in order to enhance the

international competitiveness of NYCU talents through industry-academic collaboration. In the "Industry-University Alliance Project," which was formed in 2013, Dr. Lin played a vital role in the industry-academia cooperation with Chunghwa Telecom. In addition, he has assisted NYCU in building the testbed of a leading-edge telecommunication network, which significantly benefits the research in the fields such as advanced wireless broadband and free5GC (the world's first open-source 5G core network implementation complying with the 3GPP R15).

Over the University Day celebration week, as an extraordinary alumnus of NYCU and an alumnus of the Department of Computer Science, Dr. Lin attended the ceremony on campus for the outstanding alumni award. At the same time, he took this opportunity to share his experience in team management and affairs coordination with faculty and students. Recalling the impact of the first job experience, Dr. Lin pointed out the importance of establishing the concept of "altruism and mutual advantage." Compared with the personal academic achievement people pursue in school, cooperation in the workplace is unavoidable. In other words, altruism is literally equivalent to self-interest when people are on the same team. And the key factor of efficient and productive teamwork is boosting altruistic behavior to generate positive momentum. And not only that, but the "heterogeneity" of members would also be a main factor of consideration while forming a team. For example, diverse opinions/viewpoints and compatibility adjustment with complementary personalities are both benefits of high heterogeneity.

At the end of the sharing session, Dr. Lin encouraged the students, "Keep aware of your real need: doing right things or doing things right." He remarked that macroscopic patterns would be the key to making better decisions. The success of a project heavily relies on finding the right problem and fixing it. In addition to laying out the key technologies and services for his company's transformation and growth, as well as leading his team to establish an agile product development process so as to promptly satisfy market requirements, our outstanding alumnus Lin distilled his career experience and shared with the students without reserve, which indeed fulfilled the spiritual model of "NYCU guys support each other."