以人才培育
攜手面對未知、
創造未來

隨著 AI 熱潮不斷攀升，「不可預測的未來」不但使得人才的議題受到了高度的關注，人才培育的方式與人才應對環境變化的能力，更是面臨了全新的挑戰。值此歲末年終之際，與大家分享幾個本院在人才培育上的一些努力與成績，以及優秀校友與系友的經驗分享，期待在新的一年中，共同攜手面對未知、創造未來。

首先，特別祝賀劉育綸教授榮獲全球只有 70 位年輕學者獲獎的 2024 Google Research Scholar Award，這是 Google 開辦這個獎項以來，第一次有台灣學者獲獎，實為陽明交大及資訊學院之光。此外，也恭喜曾新穆教授榮獲教育部第 68 屆學術獎，以及詹力韋教授研究團隊榮獲 ACM CHI 2024 Best Paper Award，是非常亮眼的成績。

為了替學生帶來更多元豐富的學習經驗，本院繼去年與美國伊利諾大學 CS 簽署雙　學位協議書 (3+X Program) 後，今年又與 UIUC　iSchool 簽署了另一個雙聯學位合約。而今年八月，已有三位同學：侯博軒、劉玳睿及游建峰通過申請，啟程就讀 UIUC 3+2 雙聯學位。

培育人才需要優秀的師資；然而，受限於台灣大學教授薪資的結構，本院甚至面臨過去兩年發出九張聘書予國外名校博士都遭放棄的困境。所幸，持續在師資人才招聘上的努力，新增了校長青年獎座、資訊學院系友捐款獎座，以及加上許多熱心校友的募款捐助，讓薪資偏低的問題得到了彌補。而今年 2 月間，本院也成功邀請兩位分別來自於全球排名前十的美國普林斯頓及伊利諾大學香檳分校優秀的年輕學者：張庭榕及顏羽君助理教授加入本院，相信二位教授會對學生帶來更多元視野的啟發。

校內師生優秀表現之外，畢業的矽友與校友們除了在業界的傑出表現，更難能可貴的是願意持續回饋母校，與學弟妹分享自身成功的經驗、提攜後進。今年四月本院於「交大日」舉辦的「資工系友回娘家」，除了表彰在各領域表現卓越的校友與系友之外，藉由大家的分享，也提供了許多寶貴的經驗。此外在今年八月，本院也前進美國矽谷舉辦「矽友會」，邀請六位資深學長姐分享在矽谷求職的經驗，以及面對 AI 浪潮和未知的未來時，該如何因應；學長姐們分別從主管、工程師、PM、招募的角色出發，提供許多在第一線的思考與經歷。

最後，也很開心的與大家分享，本人研究團隊所開發的 5G 核心網路開源軟體 free5GC，已於今年九月於奧地利維也納的「歐洲開源高峰會」（Open Source Summit Europe）中，宣布加入 Linux 基金會。在全球通訊產業發展二十的時間，台灣主要專注在手機和小型基地台，本團隊希望藉由 free5GC 此通訊網路核心領域的開源，降低許多組織追求創新的門檻，提供產業推動協作和標準化，加速未來全球 5G 與 6G 技術創新與演進。

資訊學院院長

陳志成

2024.12

Cultivating Talent to Face the Unknown and Create the Future Together

As the AI wave continues to surge, the "unpredictable future" has brought significant attention to talent development. The ways we nurture talent and equip individuals to adapt to environmental changes face unprecedented challenges. As we approach the end of the year, I would like to share some of our efforts and achievements in talent cultivation, as well as the experiences of our outstanding alumni, hoping that in the coming year, we can face the unknown and create the future together.

First, congratulations to Professor Yu-Lun Liu (note: make sure the spelling is correct.) for receiving the 2024 Google Research Scholar Award, a prestigious recognition awarded to only 70 young scholars worldwide. This marks the first time a Taiwanese scholar has received this award since its inception, a great honor for both National Yang Ming Chiao Tung University (NYCU) and the College of Computer Science (CCS). Additionally, congratulations to Professor Hsin-Mu Tseng (note: make sure the spelling is correct.) for receiving the Ministry of Education's 68th Academic Award, and to Professor Li-Wei Chan's (note: make sure the spelling is correct.) research team for winning the ACM CHI 2024 Best Paper Award—truly remarkable achievements.

To provide students with more diverse and enriching learning experiences, following last year's dual-degree agreement with the University of Illinois Urbana-Champaign (UIUC) CS department (3+X Program), our college has signed another dual-degree agreement with UIUC's iSchool this year. In August, three students—Po-Hsuan Hou, Ying-Jui Liu, and Chien-Feng You—successfully enrolled in the UIIC 3+2 dual-degree program.

Talent cultivation requires exceptional faculty. However, constrained by the structure of university faculty salaries in Taiwan, our college faced challenges, such as nine offers to graduates from prestigious foreign universities being declined over the past two years. Fortunately, through continued efforts in faculty recruitment, including the establishment of the President's Young Scholar Award, donations from alumni, and contributions from dedicated alumni fundraising campaigns, we have mitigated the issue of low salaries. This February, we successfully recruited two outstanding young scholars—Assistant Professors Ting-Jung Chang and Yu-Chun Yen—from globally top-ranked institutions Princeton University and UIUC. We believe their diverse perspectives will inspire our students greatly.

In addition to the outstanding performances of our faculty and students, our alumni have not only excelled in their fields but also generously given back to their alma mater by sharing their experiences and mentoring juniors. In April, during "NCTU Day," our college hosted the "CS Alumni Homecoming," honoring alumni who have excelled in various fields and providing a platform for valuable experience sharing. Furthermore, in August, our college held an alumni gathering in Silicon Valley in the United States, inviting six senior alumni to share their experiences in job hunting and navigating the AI wave and unpredictable future. They offered practical insights and advice from perspectives such as management, engineering, product management, and recruitment.

Finally, I am delighted to share that my research team's open-source 5G core network software, free5GC, was announced in September as part of the Linux Foundation during the "Open Source Summit Europe" in Vienna, Austria. Over the past two decades, Taiwan's telecommunications industry has primarily focused on mobile phones and small base stations. Through the open-source initiative of free5GC in the core network, we aim to lower innovation barriers, promote industry collaboration and standardization, and accelerate global innovation and advancement in 5G and 6G technologies.

Dean of the College of Computer Science

2024.12