

出國報告（出國類別：交流訪問）

2017 美國德州大學阿靈頓分校暨亞 特蘭大喬治亞理工學院參訪報告

服務機關：國立臺北科技大學

姓名職稱：林啟瑞 副校長

派赴國家：美國

出國期間：106.04.25-05.01

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摘要

德州阿靈頓大學與我們學校有 EMBA 雙聯學制，喬治亞理工學院是全美工科排行前五名，與麻省理工學院(MIT)，加州理工學院(CIT)，並稱美國三大理工學院，是我們學校的標竿學校。我們學校有兩位 ICP(International Chair Professor) 在他們學校。經過 UTA 的 Provost 和 GT 兩位 ICP 的邀請，踏上兩校的訪問之途。期待此次的參訪，帶來交流，與進一步的合作。



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本文

目的

與邱垂昱院長、陳凱瀛副院長及一起拜會 UTA 掌管全球學術事務的副校長、商學院院長及管理系系主任，UTA 早在十幾年前就在大陸上海、北京、西安設立海外雙聯 EMBA，目前也跟台灣北科大合設雙聯 EMBA，有很多值得學習之處，透過此次會面交流，未來北科大與 UTA 的合作應該會更緊密。

過程

- With UTA : 4/26 (Thr.)-4/27

此次活動安排由 UTA 之 Center for Global Academic Initiatives 之 Director of International Programs' Director Pui-Yong (Christina) Chin，陳佩瑩主任（馬來西亞籍）接待，相關主管如下：

College of Business

Interim Dean : Chandra Subramaniam

Schedule as the following:

10 am – Arrive at UT Arlington campus. We met **CGAI (Center for Global Academic Initiatives)** staff **Christina Chin** , located Suite 106 of College of Business (Address: 701 S.West St, Arlington, Texas 76019; office Phone: 817-272-7327; cellphone: 817-681-8116)

10 am- 11am – **Walking tour of campus**

11:15am – Meet with **College of Business Interim Dean, Dr. Chandra Subramaniam, formal introduction.**

12 pm 1:30pm – Lunch with Vice Provost Dr. Daniel Himarios , Dean Dr. Subramaniam and Prof Dr. Abdul Rasheed.

1:30pm –2:30pm- **Continue discussion with Dr. Daniel Himarios on EMBA program developments.**



Later evening at 6pm – Dinner with Dr. Himarios

- 與 UTA 合作項目如下：

Possible Collaboration between UTA and NTUT：

1. Enhance student and faculty exchange
2. Promote 1.5+1 dual master degree
3. Promote 3+1 dual bachelor degree program
4. Promote Distance learning
5. Proceeding Co-Teaching course program
6. Research lab collaboration



- April 28~May1，與 GT 拜訪主要是探望兩位本校的 ICP，並與之交換意見，其中陳教授答應 May 7 以後到本校訪問，並進行一場演講。預計在 May 11, 2017 進行一場演講，Topic will be：Ethics of Academic related。



- About Taipei Tech
2 ICP's Introduction:
與李國民教授會談:

Kok-Meng Lee (M'89–SM'02–F'05) received the B.S. degree from the State University of New York, Buffalo, NY, USA, in 1980, and the S.M. and Ph.D. degrees from

the Massachusetts Institute of Technology, Cambridge, MA, USA, in 1982 and 1985, respectively, all in mechanical engineering. He is currently a Professor with the George W. Woodruff School of Mechanical Engineering, Georgia Institute of Technology, Atlanta, GA, USA. He is also Distinguished Professor with the State Key Laboratory of Digital Manufacturing Equipment and Technology, Huazhong University of Science and Technology, Wuhan, China, under the National Recruitment Program of Global Experts. His current research interests include system dynamics/control, robotics, automation, and mechatronics. He holds eight patents in machine vision, a three-degrees-of-freedom spherical motor/encoder, and a live-bird handling system. Dr. Lee is a fellow of the American Society of Mechanical Engineers (ASME). He received the National Science Foundation Presidential Young Investigator Award, the Sigma Xi Junior Faculty Research Award, the International Hall of Fame and New Technology International Hall of Fame New Technology Awards, the Kayamori Best Paper Award, and the IEEE TRANSACTIONS ON MECHATRONICS Best Paper Award. He was honored as Pao Yu-Kong Chair Professor at Zhejiang University, Hangzhou, China.

- 與陳義華教授會談:



Dr. Chen received Ph.D.,
University of California,
Berkeley, 1985 , M.S.,
University of California,
Berkeley, 1983 ° B.S.,
National Taiwan
University, 1979
His Research Areas
covered: Automation and
Mechatronics,

Manufacturing systems; Controls, manufacturing systems, neural
networks, and fuzzy engineering Controlling chaos

Concerning Dr. Chen's background as following:

Dr. Chen began at Tech in 1988 as an Assistant Professor. Prior, he was
a Visiting Assistant Professor at Syracuse University.

Dr. Chen's research interests include automatic control, mechanical
systems, manufacturing, neural networks, and fuzzy engineering.
However, his focus is the exploration of uncertainty management. He has
been studying the cause, description, and consequences of uncertainty
issues in engineering problems. Dr. Chen believes this is a major theme
that marks the essence of engineering, as compared with applied
science.

心得及建議事項

- 與 UTA 的合作，雙方都有高度的信賴與滿意，UTA 希望擴大合作與交流，並且將來擴大到工學院。

另外，收到北科大進修部譚主任轉來教育部回函，依照來函，今年大概只有 15
名國內學生名額了，對於教育部要國際化又不給鼓勵及支持，真的很無奈。

（原來給名額二十五名，十名本校要調出來，但來不及，教育部不答應照原來
名額給，本校原來想遇缺不補，公告二十五名，但教育部實在很沒有彈性，喪
失良機。）

- 與 GT 合作及交流，雙方都同意進行，陳教授更有意爭取本校的明珠講座教授，而我更希望爭取到李教授，因為他是 IEEE 和 ASME 的 FELLOW，又是 Editor in Chief(Mechatronic 方面，High Impact factor)。

- 對於兩校的觀感是：

1、映入眼簾的是校園整潔，幸運動物與 logo 無所不在，校園巡迴車 (trolley) 來回頻繁，免費穿梭在校園之間。

2、學生宿舍多，自主管理，family house, 寬敞方便，傢俱廚具一概齊全，租金 1260us dollars/month, 寒暑假可以退租。其餘兩人房 900 多元與四人房



700 多元。出入非常自由，備有停車場。

3、這才是技術深耕，技術人員敬業態度高，深具工作熱忱，自主性學習，可以自做或委託工件加工至完成，服務師生。

4、加油吧，經濟自主，不要被主管單位掐著脖子，這樣的發展，長不大的。

5、鬆手吧！管的越多，學校是越不長進的。