Chun-Yen Chang, Ph.D.

Independent Director of UMC
(NYSE: UMC, TSE: 2303)

Vita

Education
- Ph.D., Electronics Engineering, National Chiao Tung University, Hsinchu, Taiwan (1970)
- M.S., Electronics Engineering, National Chiao Tung University, Hsinchu, Taiwan (1962)
- B.S., Electrical Engineering, National Cheng Kung University, Taiwan, Taiwan (1960)

Professional Experiences
- President, National Chiao Tung University (1998-2006), professor Emeritus, NCTU Emeritus Endowed Chair 2006.8.1-.
- Dean of Research (1957-), Engineering (1990-1994), EECS (1994-1995)
- Founding President of National Nano-Device Laboratories, Taiwan (1990-97)
- Senior researcher at Bell Labs (1981)
- Visiting Professor of Stuttgart University, Stuttgart, Germany (1990, 93, 96)

Contributions
- Pioneer in the areas of VLSI, Microelectronics, Optoelectronics, and Microwaves.
- More than 45 granted patents and more than 10 patents pending.
- Published more than 380 papers in international journals and continues to give keynote speeches at international conferences.
- Since 1963, he has established the first Semiconductor Research Center in Taiwan and supervised more than 350 Masters and 60 Ph.D. students, they are now the key persons both in academic and business areas all over the world such as TSMC, UMC, Acer, Leo, Mosel, UCLA, UIUC, CISCO, IBM, BELL Labs. .etc. Under his leadership and promotion, NCTU papers contributed to IEEE journals are among highest in the world.
- “Without Prof. Chang’s leadership, Taiwanese electronics industry could not be so flourished not only to the economy of Taiwan but also to the world”----C.T.Sah / The National Academies, USA.

Honors and Awards
- Foreign Associate, National Academy of Engineering, U.S.A. “For his contributions to the Taiwanese electronics industry, education and to material technology.” (2000-)
- NIKKEI Asia Prize for Science Category (2007)
- Presidential Science Prize (2007)
- TWAS PRIZE IN ENGINEERING SCIENCE (2006)
- Academician, Academia Sinica, Taiwan ROC (1996-)
- Fellow, IEEE, “For his contribution to Semiconductor Device Development and to Education.” (1988-)
- Science and Technology Advisor to the President Office and Prime Minister of the Taiwan ROC (2000-)
- Recipient of the IEEE third millennium medal (2000)
- PICMET International Leadership in Technology Management (LTM) Award on education (2003)
- Outstanding Technology Award, Prime Minister of Taiwan ROC (1997)
- Received Outstanding Research Award from the Pan Wen Yuan Foundation (1996)
- Outstanding Research Award, National Science Council, Taiwan ROC (1983-)
- Lockheed-Martin World Scholar in Residence at Texas A & M University (2000)