

## PANEL

# Journey of Chinese American Engineers: Education and Technology

(Sponsored by Chinese Institute of Engineers USA and Chinese American Forum)

Organized by Jack Peng, Vice-president of the Chinese American Forum

Whippany, NJ., February 26, 2005

### Background

The roots of Chinese Engineers and Scientists in the US can be traced back to the Yung Wing's Chinese Educational Mission in 1872 (A. Marchant's Master thesis) at Hartford, Connecticut. The goal of the Mission was to learn about western technology so that students could go back to China and help build a modern China. That goal has always been maintained throughout the 150 years of Chinese American history since Yung Wing's initial mission. Many Chinese engineers had helped China to modernize; for example, a young student named Zhan Tian-you who built the railroad for which no westerners thought ANY Chinese engineer could do. On the other hand, many Chinese engineers had remained in the U.S. and helped America as well. These students and those that followed them organized the Chinese Institute of Engineers (CIE)/USA which has since flourished and successfully organized the AAEOY Award Banquet for the past three years to honor some of its outstanding member engineers.

CIE/USA is doing a tremendous service to the Chinese Americans and general public by compiling and publishing the history of Chinese American Engineers in the U.S, and their indispensable contributions to the prosperity of the U.S. In doing so, the CIE/USA is performing a useful and valuable service in promoting mutual understanding and respect between Chinese Americans and the American public. In addition, the publicized experiences and achievements will serve as inspirations to the young Chinese Americans in the future.

### Panel Presentation

The session was held in the afternoon of Feb. 26, and was moderated by Dr. T.C. Peng, Board Member of the Chinese American Forum. The speakers are:

- Anita Marchant, "The Life Story of Yung Wing" (Part I)
- Benjamin Chen, "Events in the history of CIE-USA"
- T.C. Peng, "Achievements of Chinese American Scientists/Engineers"
- William Yeh, "Emerging Web-Based Software Development Technology"



*Jack Peng (above) received his B.S. in Physics from CMU (Carnegie Mellon University) in Pittsburgh, Pennsylvania and M.S. in Physics from University of Georgia in Athens, Georgia. Jack taught electrical engineering and physics at several colleges.*

*After teaching, Jack has worked many years for Westinghouse Electric Corporation at Athens, Georgia and later at Muncie, Indiana. In 1974, he joined the McDonnell Douglas Corp. (MDC) in St. Louis, Missouri. In 1991, Jack joined Boeing in Seattle, Washington after his early retirement from the MDC. During Jack's 25 years of network performance career at MDC and Boeing, he has coauthored eleven published technical papers with Dr. Leo Lo. Jack retired from Boeing in 2002.*

*Jack was the principal co-founder of Organization of Chinese Americans, Greater Seattle Chapter. Recently, he has been actively involved in the selection process of special recognition nominees for the AAEOY (Asian American Engineers of the Year) Award Banquet sponsored by the Chinese Institute of Engineers/USA.*