

## **Yuan Cheng B. Fung elected to membership in the National Academy of Engineering**

**March 8, 1979**

Yuan Cheng B. Fung, professor of applied mechanics and engineering at the University of California, San Diego, has been elected to membership in the National Academy of Engineering, considered the highest professional distinction which can be conferred upon an engineer.

Fung, a member of the UC San Diego faculty since 1966, was among 99 engineers chosen for membership along with 18 foreign associates.

Fung becomes the sixth member of the UC San Diego faculty elected to membership in the NAE.

The 59-year-old researcher was born in China and earned his B.S. and M.S. degrees in aeronautics from Central University in Chungking. He went on to earn his doctorate in aeronautics and mathematics at California Institute of Technology in 1948. He joined the Cal Tech faculty and rose to the rank of professor before coming to UC San Diego.

Fung's principal contribution to his field lies in the development of fluid and solid mechanics and its application to engineering. Studies during his earlier years concentrated on aeroelasticity-- the study of dynamics and stability of an elastic structure in a fluid stream.

More recently, he has turned his attention to the development of biomechanics, particularly problems related to blood flow. He developed a sheet-flow theory and was awarded the Landis Award by the Microcirculatory Society.

He is the author of four books and more than 160 journal articles. In 1976 he won the Theodore von Karman medal from the American Society of Civil Engineers.

Last year Fung was awarded the 1978 H.R. Lissner Biomedical Engineering Award from the American Society of Mechanical Engineers for his outstanding contribution to the field of biomechanics.

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