

Prof. Wei Shyy

Wei Shyy joined the Hong Kong University of Science and Technology as Provost in Fall 2010. He was previously Chair and Clarence L "Kelly" Johnson Collegiate Professor of the Department of Aerospace Engineering the University of Michigan from January 2005 to July 2010. He obtained his BS degree from Tsing-Hua University, Taiwan in 1977, and his MSE and PhD degrees in Aerospace Engineering from the University of Michigan, Ann Arbor in 1981 and 1982, respectively. He was Research Scientist at the General Electric Research and Development Center in New York from 1983 to 1988. In 1988, Wei Shyy joined the University of Florida, where he stayed until 2004, holding the ranks of Associate Professor, Professor, and Distinguished Professor. From 1996 to 2002, he was Chairman of the Department of Aerospace Engineering, Mechanics and Engineering Sciences, and from 2002 to 2004, Chairman of the Department of Mechanical and Aerospace Engineering.

A scholar of international stature, Wei Shyy is recognized for his contributions to the fields of computational fluid dynamics, combustion and propulsion, fluid-structure interaction, biofluid dynamics, and biological and low Reynolds number flight vehicles. He is the author/ co-author of four books and over 450 refereed journal/conference articles. He is General Editor of the Cambridge Aerospace Book Series published by the Cambridge University Press, and Co-Editor-in-Chief of Encyclopedia of Aerospace Engineering, a nine-volume, 5648-page major reference work published by Wiley-Blackwell in 2010. He also serves as Co-Editor-in-Chief of the Acta Mechanica Sinica, among his professional editorship capacities. Wei Shyy has a noteworthy record leadership and professional services involving multiple institutions. In 2002, he successfully led a group to establish the Institute for Future Space Transport, a seven-university consortium funded by the US National Aeronautics and Space Administration. In 2006, he served as PI of the Michigan University/Air-Force Research Laboratory (AFRL)/Boeing Collaborative Center in Aeronautical Sciences, sponsored by the AFRL and Boeing, and in 2007, PI of a Multidisciplinary University Research Initiative project, sponsored by the US Department of Defense, on Biologically-Inspired, Anisotropic Flexible Wing for Optimal Flapping Flight.

He is a Fellow of the American Institute of Aeronautics and Astronautics and the American Society of Mechanical Engineers. Among the many awards for his research and professional contributions are the AIAA 2003 Pendray Aerospace Literature Award, the ASME 2005 Heat Transfer Memorial Award, and The Engineers' Council (Sherman Oaks, California) 2009 Distinguished Educator Award, the latter in recognition of his "outstanding contributions to the engineering profession as a teacher, researcher, mentor to students and staff.