

Soulware: The American Spirit in Global Higher Education

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Abstract: The process of internationalization in higher education has enabled the rapid development of universities around the world. Many people have been learning the America's higher education system. However, there is still a lack of what I refer to as proper "soulware", i.e. a type of culture, mentality, professionalism, behavior and way of thinking; a certain quality among educators that needs to be cultivated.

The comments made are timely and of value for a range of global stakeholders regarding issues facing the academic communities, as many universities awake to the realization that the demand for higher education is an increasingly global phenomenon. The cultivation of healthy soulware creates an innovative environment in which academics and students fulfil their potential so that universities are regarded as necessary rather than as ornaments for learning.

Bio: Way Kuo is President of City University of Hong Kong and a Member of National Academy of Engineering.

Previously, he served on the senior management team at Oak Ridge National Laboratory, as Dean of Engineering at the University of Tennessee, and Head of Department of Industrial Engineering at Texas A&M University. He worked for Bell Labs before assuming professorship at Iowa State University in the 1980s.

A professor of systems engineering, electrical engineering, and nuclear engineering, he specializes in design for reliability of electronics and energy systems.

He was the first foreign expert invited to conduct post-accident assessment on the safety of the Fukushima Daiichi Power Plant after the 2011 earthquakes in Japan. In addition to coauthoring eight academic books and high-impact papers, some of which are deemed classics in systems design, his popular science book *Critical Reflections on Nuclear and Renewable Energy* has been translated from traditional Chinese into English, Japanese, French, and Russian, published in Massachusetts, Tokyo, Paris, and Moscow, respectively.

He received PhD in engineering from Kansas State University and BS in nuclear engineering from National Tsing Hua University, Taiwan, ROC.