HENRY T. YANG

Chancellor, University of California Santa Barbara

Henry T. Yang joined UC Santa Barbara as chancellor and professor of mechanical engineering in 1994. He teaches an undergraduate engineering course every year, and is currently guiding four Ph.D. students with support from National Science Foundation grants. He was formerly the Neil A. Armstrong Distinguished Professor of Aeronautics and Astronautics at Purdue University, where he also served as the dean of engineering for ten years, and as director of the Computer Integrated Design, Manufacturing, and Automation Center.

Dr. Yang has authored or co-authored more than 170 articles for scientific journals, served as P.I. or co-P.I. for 32 sponsored research grants, guided 52 Ph.D. theses, and received 13 outstanding undergraduate teaching awards, including an honorary distinguished teaching award from UCSB’s Academic Senate. His book Finite Element Structural Analysis, published by Prentice-Hall, has been adopted by many universities and has also been published in Japanese and Chinese editions.

He has served on scientific advisory boards for various government agencies. He is currently a member of the National Academy of Engineering’s Aerospace Engineering Peer Committee, the Kavli Foundation Board, and the Millennium
Steven B. SampLe

steven B. sample

became USC’s 10th president in March 1991. He is the Founding Chair of the Association of Pacific Rim Universities, founded in 1997 to foster cooperation in education, research and enterprise thereby contributing to the economic, scientific and cultural advancement of the Pacific Rim.

A tenured professor in the Viterbi School of Engineering, Dr. Sample regularly teaches undergraduates, including a much sought-after course entitled “The Art and Adventure of Leadership.”

He is a member of the National Academy of Engineering and holds patents on digital appliance controls that have been licensed to practically every major manufacturer of appliance controls and microwave ovens in the world.

Sample’s book, The Contrarian’s Guide to Leadership, is a Los Angeles Times best-seller, was chosen by the Toronto Globe and Mail as one of the top 10 business books of 2001, and has been translated into five languages.

Prior to coming to USC, Sample served as president of the State University of New York at Buffalo from 1982 to 1991.

STEVEN B. SAMPLE

Technology Prize Selection Committee, and is chairman of the board for the Thirty Meter Telescope project. In 2009 he was appointed to the President’s Committee for the National Medal of Science.

Dr. Yang has received a number of recognitions for his research, teaching, and public service, including the Benjamin Garver Lamme gold medal from the American Society of Engineering Education and five honorary doctorates. In 2008, he was awarded the AIAA Structures, Structural Dynamics, and Materials Award. He is a member of the National Academy of Engineering and a Fellow of AIAA, ASEE, and ASME.
EBERHARDT RECHTIN, a USC Viterbi School professor emeritus who had academic appointments in three departments and who also received an honorary degree from USC, was a giant in the Aerospace industry and a creative force in the academic realm. Through his leadership the USC Viterbi School established an innovative graduate program in Systems Architecting and Engineering that has emerged as a national model for collaborative engineering education and distance learning.

Professor Rechtin played a key role in the development of U.S. space technology and had a storied career in government and industry even before joining USC. He headed a 1960s JPL group that included several future Viterbi School faculty. Prof. Rechtin and several other team members were elected to the National Academy of Engineering.

In 1987 he joined the USC faculty and created the Systems Architecting and Engineering Program. The program provides graduate engineers and engineering managers with the advanced knowledge and skills necessary for the conception and implementation of complex systems. The program emphasizes the processes by which complex systems are conceived, planned, designed, built, tested and certified.

Systems engineering is changing the very nature of industrial and systems engineering, and Prof. Rechtin’s initiative placed the Epstein Department at the field’s leading edge. In addition to writing much of the literature defining systems architecting, Eberhardt Rechtin was a superb teacher who never failed to inspire students and colleagues. Today, the SAE Program is one of the Epstein ISE Department’s largest degree programs.