





NAE Presents Founders Award to AIChE Past President Churchill

AIChE Secretary John Chen Receives Top Award for Heat Transfer Research

The National Academies' National Academy of Engineering (NAE) presented the 2002 NAE Founders Award to Stuart Churchill, AIChE Past President and Carl V.S. Patterson Professor Emeritus of chemical and biomolecular engineering, University of Pennsylvania. The award, which recognizes an NAE member who has made lifelong contributions to engineering and whose accomplishments have benefited the people of the United States, was presented to Churchill at the Academy's annual meeting on Sunday, October 6, in Washington, D.C.

Churchill was recognized "for outstanding leadership in research, education, and professional service, and for continuing contributions in combustion, heat transfer, and fluid dynamics for over half a century."

Churchill earned bachelor's degrees in chemical engineering and engineering mathematics at the University of Michigan in 1942 and went on to work at Shell Oil Co. At Shell, he worked to design, operate, and analyze new processes for the production of aviation gasoline during World War II. At the end of the war, he joined what was a small startup company, Frontier Chemical.

Churchill returned to the University of Michigan in 1947, obtaining his Ph.D. and becoming a faculty member. In 1967, he accepted the Carl V.S. Patterson Chair at the University of Pennsylvania. Churchill has served as a Visiting Professor at Iowa State University, the University of Utah, Pennsylvania State University, and Okayama University, and on the advisory committees of many others. Churchill has produced over 280 journal publications and six books, including the influential book, *The Interpretation and Use of Rate Data -- The Rate Process Concept*.