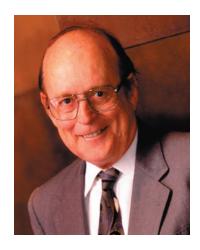# H. Ted Davis

Regents Professor and Dean of the Institute of Technology

H. Ted Davis was appointed dean of the Institute of Technology in November 1995. Davis received a bachelor's degree in chemistry from Furman University and a doctorate in chemical physics from the University of Chicago. He joined the University of Minnesota faculty in 1963 and became head of the Department of Chemical Engineering and Materials Science in 1980. Twice during his tenure as head (in 1983 and 1995), the chemical engineering program was ranked number one in the nation by the National Research Council.

Davis has advised or co-advised the theses of more than 80 Ph.D. and master's students and has published more than 500 papers in his field. He is the author of two graduate-level textbooks. He is known for his work in colloid science and on the molecular mechanisms by which fluids flow over surfaces or through other media, enhancement or oil recovery, and the small-scale structure of fluids. In May 1998 he joined the ranks of the University's most prestigious faculty when the Board of Regents honored him with its highest and most exclusive faculty honor, a Regents Professorship. He is also a member of the National Academy of Engineering. In 1990 he received the AIChE Walker Award for Excellence in Contributions to the Chemical Enginering Literature.

As dean of the Institute of Technology, Davis has initiated improvements in research and education. He guided the launching of new professional master's degree programs in software engineering and manufacturing systems engineering. He has also been instrumental in the creation of the Digital Technology Center, which integrates teaching, research, and outreach in digital publishing, computer graphics and visualization, telecommunications, electronic commerce, scientific computation, and Internet technologies. He also led the creation of a new Department of Biomedical Engineering.

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