

APPLIED MECHANICS DIVISION AWARD



Professor Oscar Dillon
Mechanical Engineering Department
University of Kentucky

For his leadership and service to the Applied Mechanics community

Professor Oscar Dillon received his Aeronautical Engineering degree from the University of Cincinnati in 1951, his MS and PhD degrees in Civil Engineering and Engineering Mechanics from Columbia University in 1956 and 1959 respectively. He was an Assistant Professor at Johns Hopkins from 1958 to 1963, Associate Professor at Princeton from 1963 to 1965, and at University of Kentucky from 1965 to 1967. He served as Professor of Engineering Mechanics from 1967 to 1997 and has been Professor Emeritus since 1997 at the University of Kentucky.

Professor Dillon's professional career spans over four decades of active teaching, research and service. His academic contributions to the theories of thermoelasticity, thermoplasticity, and dynamic plasticity are well-known; a meticulous experimenter delving into problems of fundamental importance, he has balanced this work with careful theoretical analysis of the phenomena. He has published over 110 papers in archival journals and conference proceedings. He has produced many outstanding graduates, many of them faculty at major universities.

He received the Guggenheim Fellowship from Columbia University in 1954-56. He has received outstanding teaching and research awards from the University of Kentucky and from the American Society for Engineering Education. He was named a Distinguished Engineering Alumnus, of the College of Engineering at the University of Cincinnati. Professor Dillon has been an active member of ASME, a Fellow of the American Academy of Mechanics and a member of the Society of Natural Philosophy.

Professor Dillon served as Solid Mechanics Program Director, National Science Foundation from 1988-1990, Interim CMS Division Director and Solid Mechanics Program Director, National Science Foundation from 1993-1996 and again as

Program Director, Mechanics and Materials Program, National Science Foundation, from 2001-2002. He worked hard to shore up support for the mechanics program by promoting it internally, by making mechanics leaders aware of the needs of the program, by strengthening the review process and by encouraging the best and brightest to submit proposal to his program.

The Applied Mechanics Award is given to an outstanding individual for significant contributions in the practice of engineering mechanics; contributions may result from innovation, research, design, leadership or education. This award is now fully endowed by the generous contributions from numerous friends of Ted Belytschko and will be renamed in 2008.