EMERITI RECOGNITION

DR. DAVIS D. SENTMAN
PROFESSOR OF PHYSICS, EMERITUS

Dr. Davis D. Sentman has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1991 to 2011.

He is highly regarded as an educator known for his expertise in mathematical physics and time-series analysis, and for encouraging an intellectual exchange of ideas; and has successfully mentored doctoral, master’s degree and undergraduate students; and has served as a student advisor, graduate student committee chair and committee member; and was awarded the 2004 Graduate Student Advisor’s Award.

His research focused on the High Frequency Active Auroral Research Program, upward lightning phenomenon, mechanisms of propagation using an electromagnetic code and chemical reactions using an atmospheric chemistry code; and is recognized as a leader and innovator in the study of lightning-induced sprites and jets; and has received numerous awards, including the 2001 Geophysical Institute Award and the 1997 Emil Usibelli Distinguished Research Award; and has produced more than two hundred influential scientific publications as author or co-author during his extensive career.

He has been a valued servant of his profession and the University; and whose careful analysis and collegial temper have benefited a range of individuals and organizations throughout the Department of Physics, the College of Natural Science and Mathematics, the Space Physics and Aeronomy Research Group, the Geophysical Institute, and the University.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. Davis D. Sentman for his contributions to the State of Alaska and the University.