

# DR. JOHN SNOW

*Dean, College of Geosciences; Director of National Weather Center Programs; Professor, School of Meteorology, College of Geosciences*

**B.S., Electrical Engineering, Rose-Hulman Institute of Technology; M.S., Electrical Engineering, Rose-Hulman Institute of Technology; Ph.D. Atmospheric Sciences, Purdue University**

**D**r. John Snow came to the University of Oklahoma in 1994, accepting the position as the Director of the National Weather Center Programs, Dean of the College of Geosciences, and Professor of Meteorology. Snow was a faculty member at Purdue University from 1977 until 1993.

Dr. Snow's primary research area is in the dynamics of columnar vortices, ranging in scale from small dust devils to tornadoes. Dr. Snow's second area of research is in meteorological measurements. His current professional interest is in "Earth System Science," the integration of the best available knowledge from the Earth and Life Sciences to provide a holistic picture of "how the world works."

Dr. Snow has had a long-standing interest in education at all levels, K-12, undergraduate, and graduate. He participated in the writing of the National Science Education Standards, and has written or contributed to numerous articles for teachers, students and the general public. He has lead several projects promoting an Earth Systems Science approach to Earth Science education for K-12 teachers and university undergraduates. He has been the organizer of the International Conference on School and Popular Meteorological and Oceanographic Education.

Dr. Snow is a Fellow of both the American Meteorological Society and the Royal Meteorological Society of the United Kingdom. In recent years he has chaired both the Board of Trustees of the University Corporation for Atmospheric Research and the Board on Oceans and Atmospheres for the National Association of State Universities and Land Grant Colleges, and served for six years as Commissioner for Education and Human Resources for the American Meteorological Society. He currently chairs the Society's strategic planning committee for education. He has chaired national and international committees setting standards for the performance and utilization of surface-based instrumentation for measuring meteorological variables, and has served on the education and human resources committees of the American Geophysical Union and the American Institute of Physics. He is currently a board member of Weather Decision Technologies, Inc., an innovative start-up firm commercializing intellectual property developed in the National Weather Center. He is a member of the NOAA Science Advisory Board, the chairman of the NEXRAD Technical Advisory Committee, and the NRC Committee on Improving Meteorological Support for Surface Transportation. Dr. Snow has organized numerous national and international meetings, to include most recently the first International Conference on European Severe Weather. He is one of three senior editors for the journal Atmospheric Research.

