

2 August 2012

John T. Snow – Regents' Professor of Meteorology; Dean Emeritus, College of Atmospheric and Geographic Sciences

B.S. Electrical Engineering (Honors), 1968; M.S. Electrical Engineering, 1969, Rose-Hulman Institute of Technology (then Rose Polytechnic Institute); PhD Atmospheric Sciences, 1977, Purdue University. Faculty member at Purdue University, 1977 to 1993. Professor of Meteorology and Dean, College of Atmospheric and Geographic Sciences (formerly College of Geosciences), The University of Oklahoma, 1994 to 2010; Regents' Professor of Meteorology; Dean Emeritus, 2010-to date.

Dr. Snow's primary research area for many years has been 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. He has published widely in these and related areas, and made numerous presentations at professional and scientific meetings. As an educator, his current academic 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 is a Fellow of both the American Meteorological Society and the Royal Meteorological Society of the United Kingdom. He is a Certified Consulting Meteorologist (certification by the American Meteorological Society).

Dr. Snow 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 chaired the Society's strategic planning committee for education (2002-2004), the Society's *ad hoc* committee on the national weather and climate enterprise (2003-2005), and the Society's Committee on Awards Nominations (2008-2010). In 2005, Dr. Snow was awarded the American Meteorological Society's Cleveland Abbey Award for service to the profession and the Society.

Snow has chaired national (ASTM D22.11) and international committees (ISO 146/SC5) 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 (chair 2002-2003) and the American Institute of Physics. He also served two terms on the budget and finance committee of the AGU. He chaired the NRC Committee on Improving Meteorological Support for Surface Transportation which produced the report Where Weather Meets The Road (2004). He served for seven years a member of the NOAA Science Advisory Board, chairing the SAB's Hurricane Intensity Research Working Group and then its the Fire Weather Research Working Group, producing reports on research and improved operations in both areas.

He is currently a member of the board of Weather Decision Technologies, Inc., an innovative start-up firm commercializing intellectual property developed in the National Weather Center. He is Chair of the NEXRAD Technical Advisory Committee for the Radar Operations Center. He is a member of the National Research Council's Board on Atmospheric Science and Climate, where he recently contributed to a new publication, *When Weather Matters: Science and Service to Meet Critical Societal Needs*. He also

serves on the advisory boards for the Geophysical Institute at the University of Alaska, Fairbanks, the Atmospheric Sciences Laboratory at the South Dakota School of Mines, the Wind Science Program at Texas Tech University, and the National Science Foundation's Directorate for Geosciences.

Dr. Snow has organized numerous national and international meetings, to include the first International Conference on European Severe Weather (Toulouse, France, February 2000). He served for 28 years as an editor and then as one of three senior editors for the journal **Atmospheric Research**, retiring in 2009.

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 (1994), 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. In 2002, he received the American Meteorological Society's Anderson Award for his efforts to advance education and diversity in the atmospheric sciences. He has been an organizer of the International Conference on School and Popular Meteorological and Oceanographic Education since its inception in the late 1980s; the 7th such meeting was held in Boulder, Colorado in July 2006. In 2009, Dr. Snow was inducted in the Oklahoma Higher Education Hall of Fame.

John is married to Janet E. (Dayton) Snow.

He is a Lieutenant Colonel (retired) of the United States Army Reserve and was awarded the Bronze Star for service as a senior logistician and operations officer in the Gulf War (1990-91). He enjoys traveling, is an unabashed Francophile, and is an avid collector of books and ephemera dealing with the American experience in World War I.