

# **Dr. Kelvin K. Droegemeier**

**Secretary of Science and Technology, State of Oklahoma**

**Vice President for Research**

**Regents' Professor of Meteorology, Weathernews Chair Emeritus in Applied Meteorology**

**Roger and Sherry Teigen Presidential Professor**

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Dr. Kelvin K. Droegemeier is Vice President for Research, Regents' Professor of Meteorology, Weathernews Chair Emeritus, and Teigen Presidential Professor at the University of Oklahoma. He earned a B.S. with Special Distinction in Meteorology in 1980 from the University of Oklahoma, and M.S. and Ph.D. degrees in atmospheric science in 1982 and 1985, respectively, from the University of Illinois at Urbana-Champaign. He joined the University of Oklahoma in September, 1985 as an Assistant Professor of Meteorology, and was co-founder in 1989 of the National Science Foundation (NSF) Science and Technology Center (STC) for Analysis and Prediction of Storms (CAPS). He directed CAPS from 1994 until 2006, and today CAPS is recognized around the world as the pioneer of storm-scale numerical weather prediction. In 2003, Dr. Droegemeier co-founded the NSF Engineering Research Center for Collaborative Adaptive Sensing of the Atmosphere (CASA) and served for several years as its deputy director.

Dr. Droegemeier has served the science and engineering research and education communities at the national level for more than 25 years. Nominated by President George W. Bush and confirmed by the US Senate, he served a six-year term on the National Science Board, the governing body of the National Science Foundation that also provides science policy guidance to the Congress and President. Dr. Droegemeier was re-nominated by President Obama and again confirmed by the Senate, serving a second six-year term on the National Science Board, the last four years as Vice-Chairman.

Dr. Droegemeier served as Chair of the Association of Public and Land Grant University's (APLU) Council on Research Policy and Graduate Education (CRPGE), now the Council on Research. He is a Trustee and Vice Chairman of the Board of Southeastern Universities Research Association (SURA) and former Chairman of the Board of Trustees of the University Corporation for Atmospheric Research, which operates the National Center for Atmospheric Research (NCAR) on behalf of the NSF. He also served a member of the Board of Directors of Oak Ridge Associated Universities (ORAU), the Oak Ridge Associated Universities Foundation, and the Council on Governmental Relations (COGR). Dr. Droegemeier currently is a member of the Board of Directors of the Alliance for Science and Technology Research in America and serves on the Council on Competitiveness Technology Leadership and Strategy Initiative (TLSI).

Dr. Droegemeier is a Fellow of the American Meteorological Society and Fellow of the American Association for the Advancement of Science. In 2017, Governor Mary Fallin appointed him as Oklahoma's fourth Secretary of Science and Technology. He also is a member of the Oklahoma EPSCoR State Committee and led the creation of the new State EPSCoR Strategic Plan.

Dr. Droegemeier is a national leader in the creation of partnerships among academia, government and industry. He has served as a consultant to Honeywell Corporation, American Airlines, the National Transportation Safety Board, and Climatological Consulting Corp, and has testified numerous times as an expert witness in commercial airline accidents. In his more than 30 years at the University of Oklahoma, Dr. Droegemeier has generated over \$40 million in external research funding, authoring or co-authoring more than 80 refereed journal articles and over 200 conference publications.