

## **Ying-Hwa (Bill) Kuo**

*University Corporation for Atmospheric Research*

Dr. Bill Kuo is the Director of UCAR Community Programs. UCAR stands for University Corporation for Atmospheric Research (UCAR), a non-profit consortium of more than 100 North American member colleges and universities focused on research and training in the atmospheric and related Earth System Sciences. UCAR manages the National Center for Atmospheric Research (NCAR), with sponsorship of the National Science Foundation. UCAR Community Programs provide innovative services in support of the consortium's education and research goals.

Dr. Kuo has been serving as the Director of the Developmental Testbed Center (DTC) since 2009. The primary mission for the DTC is to facilitate the transition of new NWP advances into operations. From 1997 through 2015, Dr. Kuo served as the Director of the UCAR COSMIC (Constellation Observing System for Meteorology, Ionosphere, and Climate) Program. COSMIC is the world's first GPS radio occultation satellite constellation, which provides critical observations to support atmospheric research and operational weather prediction. The UCAR COSMIC team is now developing the followon mission, COSMIC-2, which will be launched in the spring of 2017.

Dr. Kuo was appointed as an NCAR Senior Scientist in 1995. He has served as the NCAR advisor for more than 25 graduate students, and mentored more than 15 postdoctoral fellows. He has published over 180 journal papers, as well as numerous conference articles and reports. His scientific interests include hurricanes, extratropical cyclones, mesoscale convective systems, heavy rainfall prediction, data assimilation, and GPS atmospheric remote sensing and their research applications.