UNIVERSITY OF OKLAHOMA
120 David L. Boren Blvd
Norman, OK 73072
Phone: (405) 325-1819
Fax: (405) 325-1108
www.weathersphere.org

NEWS RELEASE

Contact: Amy Buchanan 405-325-1819
Devon Harr 405-325-3063

FOR IMMEDIATE RELEASE
January 12, 2009

University of Oklahoma and National Weather Center Representatives Present at the American Meteorological Society's Annual Meeting

NORMAN, Okla. – Representatives from the University of Oklahoma's National Weather Center take the lead in number of presenters at this week's 89th Annual Meeting of the American Meteorological Society. OU faculty, research scientists and students are lead authors on more than 200 papers.

"While these presentations cover a wide range of timely topics on all aspects of weather and climate research and operations, many of them address two particular areas directly affecting the university and the surrounding weather community," said John Snow, dean of the College of Atmospheric and Geographic Sciences. "These two areas are the work being done in radar meteorology and engineering and the startup of the new Oklahoma City Micronet."

As part of the 25th Conference in International Interactive Information and Processing Systems for Meteorology, Oceanography and Hydrology, Robert Palmer, School of Meteorology professor and director of the Atmospheric Radar Research Center, will lead the session titled "Weather Radar Education at the University of Oklahoma: An Integrated Interdisciplinary Approach."

The ARRC is a joint venture of OU's schools of Meteorology and Electrical and Computer Engineering and serves as a focal point for the university's strategic initiative in radar meteorology and engineering. In addition to its education program, the ARRC carries out a wide range of research in its Radar Innovations

Laboratory and will operate OU-PRIME, the university's state-of-the-art weather radar now being installed on the University Research Campus. This new system will provide a unique opportunity to further develop innovative radar engineering and meteorological projects by researchers, students and educators.

Mark Yeary, a professor in the OU School of Electrical and Computer Engineering, also will lead a discussion titled "An Update on Multi-Channel Receiver Development for the Realization Multi-Mission Capabilities at the National Weather Center Testbed."

Unveiled at a November 2007 ceremony at the National Weather Center, the Oklahoma City Micronet will be discussed at multiple AMS conference sessions. Jeffrey Basara, director of research at the Oklahoma Climatological Survey at OU, along with various associates, will present "An Overview of the Oklahoma City Micronet." Other related presentations include "The Design and Deployment of Traffic Signal Stations Within the Oklahoma City Micronet" and "An Analysis of the July and August 2008 Heat Wave Using Oklahoma City Micronet Observations."

OKCNET is a 40-station network of real-time weather observing stations consisting of four Oklahoma Mesonet stations and 36 miniature weather stations mounted on traffic signals across Oklahoma City. It was developed during a five-year collaboration between the Oklahoma Climatological Survey, the Oklahoma Mesonet, OU and the City of Oklahoma City.

The Micronet provides critical weather information for the daily operations of Oklahoma City, supports new scientific research focused on urban meteorology and serves as a resource for the citizens of central Oklahoma.

For a complete list of OU presenters and their presentations, visit the NWC's Web site at nwc.ou.edu

--END--

On the Web:

The Weather Sphere www.weathersphere.org