



UNIVERSITY

THE WEATHER SPHERE BRINGS UNIVERSITY, FEDERAL, STATE AND PRIVATE INDUSTRY TOGETHER.

Atmospheric Radar Research Center

Under the auspices of the University of Oklahoma's Strategic *Radar Initiative* and in close collaboration within the *Weather Sphere*, interested faculty members from the Schools of Meteorology and Electrical/Computer Engineering have united to form an interdisciplinary team of scientists and engineers to solve challenging radar research problems and prepare the next generation of students.

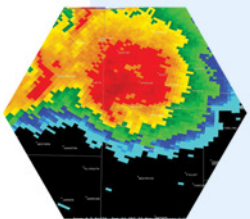
Through the collaborative nature instilled in its members, the Atmospheric Radar Research Center (ARRC) has proven effective at developing synergy in the field of weather radar between science and engineering. In the National Weather Center and in its laboratory facilities in One Partner's Place, meteorology and engineering faculty and students work side-by-side to learn from each other and to solve challenging problems in remote sensing of the atmosphere. This interdisciplinary *esprit de corps* has already had a profound effect on both the undergraduate and graduate educational experiences in radar provided to OU students.

Since its establishment in 2004, the ARRC has grown to include ten faculty members, over 30 graduate students and two postdoctoral fellows. A rapid growth in external funding has resulted from the ARRC's interdisciplinary approach with over \$5 million in grants currently in force. An important focal point of the ARRC is the development of long-term, mutually beneficial relationships with the private sector. Through these partnerships, the ARRC is developing long-term research and development projects, unique educational opportunities for OU students, and economic growth for the State of Oklahoma.



"By design, the ARRC lies at the nexus of science, engineering and education."

Robert Palmer
Director



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