This coming June, a science experience for high school students known as Weather Academy 2005 will be conducted by the Atmospheric Science Program on the campus of the University of Missouri-Columbia (UMC). Funded by the National Science Foundation, this project aims to educate students about meteorology through classroom instruction, team learning projects, hands-on experiments and real-world activities (weather forecasting), and selected field trips to several weather facilities (such as a National Weather Service Office, and the Aviation Weather Center). While meteorology is a complex and exciting discipline, the larger aim of the program is to reveal to students just a few of the endless possibilities of a career in science.

Weather Academy 2005 also seeks to understand better how students learn and apply scientific principles. With that in mind, please note that participants will be tested at times regarding their knowledge of meteorology and the weather. However, the forecasts, tests and surveys that a student completes constitute data collected only for the purposes of educational research. In other words, this program will not impact one’s official academic performance; by the same token, participants will receive no college credit for their participation in this program.

Program Details:
Up to 15 students with a strong interest in science will be accepted into Weather Academy 2005. Those students accepted must be entering 9th, 10th, 11th, or 12th grade in Fall 2005. The program will be non-residential (no overnight stays) and run from June 13, 2005, to June 24, 2005. Lunch will be provided each day, with non-field trip days beginning generally at 8 a.m. and ending by 5 p.m. Most of the activities will be conducted on the UMC campus, or at the Atmospheric and Climatic Experiment Station at South Farm. A $35.00 fee will be required for participation, although several scholarships exist for those who are unable to pay the fee.

To Apply:
Fill out, sign, and return the program application. Completed applications must be received by April 15, 2005. Mail to:

Weather Academy 2005
University of Missouri-Columbia
331 Anheuser-Busch Natural Resources Building
Columbia, MO 65211

Questions:
Call Patrick Market at (573) 882-1496, or send e-mail to marketp@missouri.edu.