

ANNOUNCEMENT

Date: November 18, 2009

**Subject: Appalachian Regional Commission/Oak Ridge National Laboratory 2010
Middle School Summer Science Camp for students**

To: Interested Persons

The Appalachian Regional Commission (ARC) is pleased to announce that it is collaborating with the U.S. Department of Energy's Oak Ridge National Laboratory (ORNL) and Oak Ridge Associated Universities (ORAU) in Oak Ridge, Tennessee, to provide a one-week residential hands-on science camp focusing on math, science, and technology for middle school students from **July 18 to 23, 2010**.



Twenty-six (26) students from throughout Appalachia will be selected to participate in a hands-on learning program that will focus on the application of math and science principles in the world of work. See *Criteria for Selecting Participants* for specific eligibility requirements. (Participating Appalachian states may have additional criteria for selecting participants in their state.)

ORNL is one of the largest U.S. Department of Energy research facilities in the United States. It is devoted to multi-purpose research and development and is located approximately 20 miles northwest of Knoxville, Tennessee, near the Great Smoky Mountains National Park. ORNL is a U.S. Department of Energy facility managed by UT-Battelle. ORAU has a diverse array of complementary, and often unique, science education programs.



The ARC/ORNL/ORAU Summer Science Camp is a unique opportunity for students to work with research scientists on relevant math and scientific topics facing the world in the 21st century. Students work in teams on research projects during the one-week institute, with each team comprising three to six students. The team approach provides an opportunity to conduct research activities and solve problems in a group setting. Research topics and activities may include such areas as:

- Biofuels and Alternative Energy
- Climate Change and Global Warming
- Robotics
- Our Environment

The summer 2010 participants will be housed at a hotel in Oak Ridge, Tennessee, near ORNL and ORAU facilities. Student will be chaperoned 24 hours a day by experienced teachers.

All major expenses, including meals, lodging, transportation to and from the participant's home base, and local transportation, will be covered for participants.

Participants will tour ORNL research facilities, use a variety of technologies to solve problems in ORAU's learning center, and participate in field trips to nearby industries, universities, and museums. Field trips will illustrate the applications of math and science in the real world and provide participants with opportunities to learn more about Appalachia and its unique characteristics.

Applications are submitted through the ARC State Program Manager and must be received no later than **March 5, 2010**.

A list of all ARC State Program Mangers, application forms, and further information are available on the ARC web site at: <http://www.arc.gov>

Program is dependent upon availability of funding.