APPALACHIAN REGIONAL COMMISSION

A Proud Past, A New Vision

ANNOUNCEMENT

Date: December 1, 2014

Subject: Appalachian Regional Commission/Oak Ridge National Laboratory 2015 High School Summer Math-Science-Technology Institute for students and teachers

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 two-week residential hands-on learning institute focusing on math, science, and technology for high school students and teachers from **July 11 to July 24, 2015**.

Twenty-six students and twenty-six teachers from throughout Appalachia will participate in a hands-on learning program that will focus on the application of math and science principles in the world of work. See attached *Criteria for Participant Selection* for specific eligibility requirements. (Participating Appalachian states may have additional criteria for selection of 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. The ORNL facility is managed by UT–Battelle. ORAU, a consortium of major universities, cultivates collaborative partnerships that enhance the scientific research and education enterprise of our nation.

The ARC/ORNL Institute is a unique opportunity for students and teachers to work with research scientists on relevant math and scientific topics facing the world in the 21st century. Students and teachers work in teams on research projects during the two-week institute, with each team comprising three to six students or teachers. The team approach provides an opportunity to conduct research activities and solve problems in a group setting. Examples of the research and other activities engaged in during previous summer institutes can be seen at:

http://www.arc.gov/summerSTEM

The summer 2015 participants will be housed at a hotel in Oak Ridge, Tennessee, near ORNL and ORAU facilities. Student participants will be chaperoned 24 hours a day by experienced teachers. Teachers selected to participate in the program will not be responsible for chaperoning students.

All major expenses, including meals, lodging, transportation to and from the participant's home, and local transportation, will be covered for all participants. Teacher participants will receive a $1,005 stipend.

The participants will spend most days in one of several ORNL research laboratories, but field trips to nearby industries, universities, and museums will illustrate applications of math and science in the real world and provide participants with opportunities to learn more about Appalachia and some of its unique characteristics.

Applications must be submitted to the ARC State Program Manager of the state in which the participant's school is located on or before **March 13, 2015**. Please contact your ARC State Program Manager before applying. Individual states may have specific requirements and/or application procedures.

A list of all ARC State Program Mangers, application forms, and further information is available on the ARC Web site at http://www.arc.gov/summerSTEM

Program is dependent upon availability of funding.

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