

The Appalachian Regional Commission and the Oak Ridge National Laboratory Invite You to Spend a STEM Summer at the ARC/ORNL 2017 Summer Institute!

What is the ARC/ORNL Summer Institute?

The ARC/ORNL Summer STEM Institute is a unique summer residential program for Appalachia's high school and middle school students, and high school teachers, focusing on STEM (science, technology, engineering, and math) disciplines. At the ARC/ORNL Summer Institute, high school and middle school students participate in intensive hands-on science, math, and computer science technology group research projects with award-winning scientists. High school teachers work with science practitioners to develop STEM-related curriculum. The program culminates in a graduation ceremony showcasing participants' work. The ARC/ORNL Summer Institute is now in its 28th year and is often the first major exposure these students—many of whom are from Appalachia's most economically distressed counties—have to applied science and STEM education.

When and where is the ARC/ORNL Summer Institute?

The ARC/ORNL Summer Institute is held at the Oak Ridge Associated Universities (ORAU) in Oak Ridge, Tennessee. The program includes lab time and visits to nearby industries, universities, and museums to experience real-world applications of science, math, and technology. The program for high school teachers and students is two weeks. The program for middle-school students is one week.

Two-week ARC/ORNL Summer Institute for high school students and teachers: July 8–21, 2017

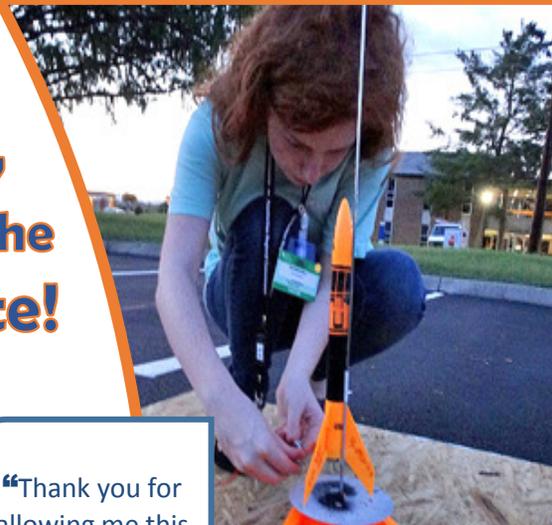
One-week ARC/ORNL Summer Institute for middle school students: July 16–21, 2017

What is included in the ARC/ORNL Summer Institute?

As part of the ARC/ORNL Summer Institute, students receive transportation to attend the program and full room and board, as well as all expenses related to lab work and field trips. Teachers receive the same package, plus a \$1,000 stipend. Teachers and staff are housed separately at ORAU facilities or a nearby hotel. Student housing will be fully supervised around the clock by Institute staff.

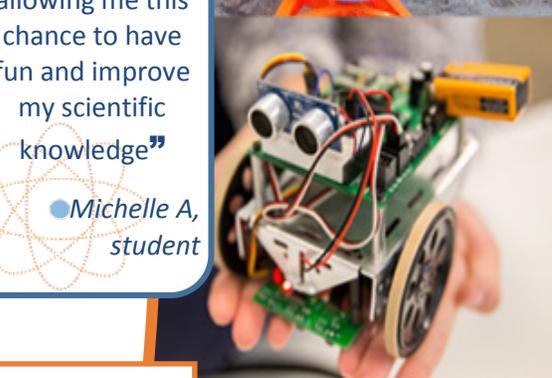
Who can apply for the ARC/ORNL Summer Institute?

Appalachian high school and middle school students, and high school teachers in STEM-related fields, can apply for the program. Up to 26 students and 26 teachers will be accepted (dependent on available funding). Application materials, participation criteria, and other materials



“Thank you for allowing me this chance to have fun and improve my scientific knowledge”

Michelle A,
student



> Two-week program for high school students and teachers: **July 8–21, 2017**



> One-week program for middle school students: **July 16–21, 2017**



Application Deadline:
March 17, 2017



are available at www.arc.gov/summerSTEM. Applications must be submitted to your Appalachian Regional Commission State Program Manager. **Applications are due no later than March 17, 2017.** Interested applicants should contact their ARC State Program Managers as soon as possible as individual states may have specific requirements, application procedures, or earlier deadlines.

Who sponsors the ARC/ORNL Summer Institute?

The ARC/ORNL Summer Institute is supported by the Appalachian Regional Commission (ARC), the U.S. Department of Energy's Oak Ridge National Laboratory (ORNL), and Summer Institute at the Oak Ridge Associated Universities (ORAU) in Oak Ridge, Tennessee. Participant expenses are covered through this partnership.

About the Appalachian Regional Commission (ARC)

The Appalachian Regional Commission (www.arc.gov) is an economic development agency of the federal government and 13 state governments focusing on 420 counties across the Appalachian Region. ARC's mission is to innovate, partner, and invest to build community capacity and strengthen economic growth in Appalachia to help the Region achieve socioeconomic parity with the nation.

About the Oak Ridge National Laboratory (ORNL)

ORNL (www.ornl.gov) 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.

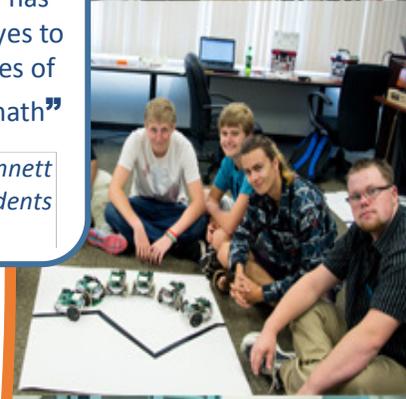
About the Oak Ridge Associated Universities (ORAU)

ORAU (www.ornl.gov) provides innovative scientific and technical solutions to advance national priorities in science, education, security, and health. Through specialized teams of experts, unique laboratory capabilities and access to a consortium of more than 100 major Ph.D.-granting institutions, ORAU works with federal, state, local, and commercial customers to advance national priorities and serve the public interest. A 501(c)(3) nonprofit corporation and federal contractor, ORAU manages the Oak Ridge Institute for Science and Education (ORISE) for the U.S. Department of Energy (DOE).



“Our experience at this program has opened our eyes to the capabilities of science and math”

Winzor G, Bennett W, Jenna C, students



“This program has changed the way I will approach science teaching in my classroom.”

Stephanie K, teacher

