

Opportunity Title: ARC/ORNL High School Virtual Summer Math-Science-Technology Institute (Student) 2021

Opportunity Reference Code: ARC-ORNL-HSS-21

Organization Appalachian Regional Commission (ARC)

Reference Code ARC-ORNL-HSS-21

How to Apply A complete application consists of:

- An online application form
- A recommendation submitted by a teacher, school counselor, school administrator, or community member (The application asks for contact information for your recommender. The recommender cannot be a family member.)

IMPORTANT NOTE: On the question asking about your degree, please enter the following on the indicated questions

- **Education Status** - enter "In Progress"
- **Degree** - enter "High School Diploma/GED"
- **Institution** - enter the current high school you are attending
- **Dates** - enter the approximate dates you began and graduate high school
- **GPA** - enter your current GPA

***If you are homeschooled:** For any question asking for your school name, please enter "Homeschool" or the name of your homeschool organization or coop.

If you have questions, send an email to ARC-HS@orau.org. Please include "Student" as part of the subject.

Application Deadline 4/2/2021 11:59:00 PM Eastern Time Zone

Description The ARC/ORNL High School Summer Math-Science-Technology Institute is a two-week, fully funded, hands-on learning experience for Appalachia's high school students. Hosted by Oak Ridge Associated Universities in Oak Ridge, Tennessee, the program is a gateway to science, technology, engineering, and math (STEM) in the Appalachian region. Many participants come from economically distressed counties and often increase their exposure to applied science and STEM research through this experience. All participants work virtually with scientists from Oak Ridge National Laboratory, one of the largest U.S. Department of Energy research facilities in the United States, and other experts to conduct virtual guided group science, math, and computer science technology research projects. The program culminates in a final group presentation where participants showcase their work.

- Qualifications**
- Must be a U.S. citizen
 - Must be age 16 or older by June 19, 2021
 - Must attend public school or homeschool in a designated Appalachian county (see <http://www.arc.gov/counties>)
 - Must plan to enroll in a public school or homeschool in a designated Appalachian county for the 2021-2022 school year
 - Must be willing to follow all program and safety instruction



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- Must be able to participate in all virtual activities for the full virtual program period, June 19-July 2, 2021 (ALL equipment and supplies will be sent to participants)

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Any degree .
- **Discipline(s):**
 - **Business** ([11](#) )
 - **Chemistry and Materials Sciences** ([12](#) )
 - **Communications and Graphics Design** ([6](#) )
 - **Computer, Information, and Data Sciences** ([17](#) )
 - **Earth and Geosciences** ([21](#) )
 - **Engineering** ([27](#) )
 - **Environmental and Marine Sciences** ([14](#) )
 - **Life Health and Medical Sciences** ([46](#) )
 - **Mathematics and Statistics** ([10](#) )
 - **Other Non-Science & Engineering** ([13](#) )
 - **Physics** ([16](#) )
 - **Science & Engineering-related** ([1](#) )
 - **Social and Behavioral Sciences** ([29](#) )
- **Age:** Must be 16 years old by 6/19/2021

Affirmation I certify that I am a U.S. citizen, will be at least 16 by June 19, 2021, am willing to follow all program and safety instructions, am able to participate in all virtual activities for the full virtual program period of June 19-July 2, 2021, currently attend a public school or homeschool in a designated Appalachian county, and plan to enroll in a public school or homeschool in a designated Appalachian county for the 2021-2022 school year.