

**Opportunity Title:** ARC/ORNL High School Summer Math-Science-Technology

Institute 2020 - Students

**Opportunity Reference Code:** ARC-ORNL-HS-S-20

**Organization** Appalachian Regional Commission (ARC)

**Reference Code** ARC-ORNL-HS-S-20

**How to Apply** A complete application consists of:

- An online application form
- A letter of reference - you will be asked to upload a letter of reference from a teacher, school counselor, or school administrator

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


**Application Deadline** 3/6/2020 11:59:59 PM Eastern Time Zone


**Description** The ARC/ORNL High School Summer Math-Science-Technology Institute is a two-week, fully funded, residential, 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 with scientists at Oak Ridge National Laboratory, one of the largest U.S. Department of Energy research facilities in the United States. High school students conduct guided group science, math, and computer science technology research projects. The program culminates in a graduation ceremony where participants showcase their work.


**Qualifications**

- Must be a U.S. citizen
- Must be age 16 or older by July 5, 2020
- Must attach a letter of reference from a teacher, school counselor, or school administrator
- Must attend public school in a designated Appalachian county (see <http://www.arc.gov/counties>)
- Must plan to enroll in a public school in a designated Appalachian county for the 2020-2021 school year
- Must be willing to follow all program and safety instruction
- Must be able to participate in all activities for the full program period, July 5-July 17, 2020
- Must be able to reside on-site throughout the full program (lodging and supervision provided)


**Eligibility Requirements**



- **Citizenship:** U.S. Citizen Only
- **Degree:** Any degree .
- **Discipline(s):**
  - **Business** (11 )


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- **Chemistry and Materials Sciences** (12 )
- **Communications and Graphics Design** (6 )
- **Computer, Information, and Data Sciences** (16 )
- **Earth and Geosciences** (21 )
- **Engineering** (27 )
- **Environmental and Marine Sciences** (14 )
- **Life Health and Medical Sciences** (45 )
- **Mathematics and Statistics** (10 )
- **Other Non-Science & Engineering** (13 )
- **Physics** (16 )
- **Science & Engineering-related** (1 )
- **Social and Behavioral Sciences** (28 )
- **Age:** Must be 16 years old by 7/5/2020

**Affirmation** I certify that I am a U.S. citizen, will be at least 16 by July 5, 2020, have attached a letter of reference, am willing to follow all program and safety instructions, am able to participate in all activities for the full program period of July 5-July 17, 2020, am able to reside on-site throughout the full program currently attend a public school in a designated Appalachian county, and plan to enroll in a public school in a designated Appalachian county for the 2020-2021 school year.