

**Opportunity Title:** ARC Appalachian STEM Academy at Oak Ridge - High School (Students)

**Opportunity Reference Code:** ARC-ASA-HSS-22

**Organization** Appalachian Regional Commission (ARC)

**Reference Code** ARC-ASA-HSS-22

**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](mailto:ARC-HS@orau.org). Please include "Student" as part of the subject.


**Application Deadline** 3/18/2022 11:59:59 PM Eastern Time Zone

**Description** The ARC Appalachian STEM Academy at Oak Ridge 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 increase their exposure to applied science and STEM research through this experience. All participants work 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 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 July 9, 2022
- Must reside in or attend a public, private, charter, or


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homeschool in a designated Appalachian county (see <http://www.arc.gov/counties>)

- Must plan to enroll in a public, private, charter, or homeschool in a designated Appalachian county for the 2022-2023 school year, or reside in such designated Appalachian county
- Must be willing to follow all program and safety instruction
- Must be able to participate in all program activities for the full program period, July 9-July 22, 2022

**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** (48 )
  - **Mathematics and Statistics** (11 )
  - **Other Non-Science & Engineering** (13 )
  - **Physics** (16 )
  - **Science & Engineering-related** (2 )
  - **Social and Behavioral Sciences** (29 )
- **Age:** Must be 16 years old by 7/9/2022

**Affirmation**

I certify that I am a U.S. citizen, will be at least 16 years old by July 9, 2022, am willing to follow all program and safety instructions, am able to participate in all activities for the full program period of July 9-July 22, 2022, currently attend a public, private, charter, or homeschool, or reside, in a designated Appalachian county, and plan to enroll in a public, private, charter, or homeschool, or reside, in a designated Appalachian county for the 2022-2023 school year.