

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

Opportunity Reference Code: ARC-ORNL-HST-21

Organization Appalachian Regional Commission (ARC)

Reference Code ARC-ORNL-HST-21

How to Apply A complete application consists of:

- An online application form
- A recommendation from a school administrator (the application asks for contact information for your recommender)

If you have questions, send an email to ARC-HS@orau.org. Please include "Teacher" 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 teachers in STEM-related fields. 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, or the Oak Ridge Institute for Science and Education, a U.S. Department of Energy asset that evaluates radiation exposure, environmental contamination, and worker health. High school teachers work with science practitioners to develop STEM-related curriculum. The program culminates in a final group research presentation where participants showcase their work.


Qualifications

- Must be a U.S. citizen
- Must attend public school in a designated Appalachian county (see <http://www.arc.gov/counties>)
- Must plan to teach math, science, engineering, and/or technology (e.g. Web design, computer programming) in the ninth grade or higher in a public school in a designated Appalachian county for the 2021-2022 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, June 19-July 2, 2021 (ALL supplies will be sent to participants)

Eligibility Requirements



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


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


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- **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 )

Affirmation I certify that I am a U.S. citizen, 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, and plan to teach math, science, and/or technology (e.g., Web design, computer programming) in the ninth grade or higher in a public school in a designated Appalachian county for the 2021-2022 school year.