

**Opportunity Title:** ARC/ORNL High School Summer Math-Science-Technology Institute 2020 - Teachers

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

**Organization** Appalachian Regional Commission (ARC)

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

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

- An online application form

If you have questions, send an email to [ARC-HS@orau.org](mailto:ARC-HS@orau.org). Please include "Teacher" 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 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 with scientists at Oak Ridge National Laboratory, one of the largest U.S. Department of Energy research facilities in the United States. High school teachers work with science practitioners to develop STEM-related curriculum. The program culminates in a graduation ceremony 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 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 )
  - **Communications and Graphics Design** (6 )
  - **Computer Sciences** (17 )
  - **Earth and Geosciences** (23 )
  - **Engineering** (27 )
  - **Environmental and Marine Sciences** (13 )
  - **Life Health and Medical Sciences** (47 )
  - **Mathematics and Statistics** (11 )
  - **Nanotechnology** (1 )
  - **Other** (8 )
  - **Other Physical Sciences** (12 )
  - **Physics** (16 )
  - **Social and Behavioral Sciences** (36 )

**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 activities for the full program period of July 5-July 17, 2020, am able to reside on-site throughout the full program, and plan to teach math, science, and/or technology (e.g., Web design, computer programming) in the

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