

Opportunity Title: Joint Science and Technology Institute West – High School Students (JSTI West – HS)

Opportunity Reference Code: JSTI-West-HS-2021

Organization U.S. Department of Defense (DOD)

Reference Code JSTI-West-HS-2021

How to Apply A complete application consists of:

- An online application form
- A reference – you will be asked for the name and email of your reference. We will send a link directly to your reference to complete the confidential reference form. Please tell your reference to look for an email from Zintellect@orau.org. If not found, your reference should check their junk or spam folder. You may check your application using your username and password to determine if the reference has been submitted.

If you have questions, send an email to JSTIWest@orau.org.

To learn more about JSTI West, visit <https://orise.orau.gov/jstiwest/>.

To learn more about Oak Ridge Institute for Science and Education and other programs offered, visit <https://orise.orau.gov/>.

Application Deadline 4/5/2021 11:59:00 PM Eastern Time Zone

Description The **Joint Science and Technology Institute West (JSTI West)** is a two-week, fully-funded, residential STEM research experience for current high school students in the United States. Students will engage in research projects mentored by Department of Defense, Los Alamos National Laboratory, and Sandia National Laboratory research scientists and other subject matter experts. The purpose of the institute is to inspire and encourage students to pursue careers in science, technology, engineering and math (STEM) fields, increase STEM literacy, and expose students to the importance of STEM through hands-on, relevant research.

- Qualifications**
- Must be a U.S. citizen.
 - Must be age 16 by July 1, 2021.
 - Must attend school in or be homeschooled in the U.S.
 - Must be entering the 10th, 11th, or 12th grade in the 2021-2022 academic year.
 - Must have a submitted reference contact's email address on the application to be considered. Requests for a reference are sent automatically from your application submission.
 - Must be willing to follow all program and safety instructions.
 - Must be able to participate in all activities for the full-program period, July 10 - July 23, 2021.
 - Must be able to reside on-site throughout the full program (lodging and supervision provided).

NOTES:

- Graduating seniors in spring or summer of 2021 are not eligible.
- Current 8th graders who will be entering the 9th grade in 2021-2022 academic year are not eligible. Please apply next year in the spring of 2022.



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- Eligibility**
- **Citizenship:** U.S. Citizen Only
- Requirements**
- **Degree:** Currently pursuing a High School Diploma/GED.
 - **Overall GPA:** 2.00
 - **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) )
 - **Communications and Graphics Design** ([2](#) )
 - **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](#) )
 - **Physics** ([16](#) )
 - **Science & Engineering-related** ([1](#) )
 - **Social and Behavioral Sciences** ([28](#) )
 - **Age:** Must be 16 years old by 7/1/2021

Affirmation I certify that I am a U.S. citizen, will be at least age 16 by July 1 2021, will be entering the 10th, 11th, or 12th grade in the 2021-2022 academic year, have submitted a reference contact's email address on the application, am willing to follow instructions, am able to participate in all activities for the full-program period July 10-23, 2021, am able to reside on-site throughout the full program, and am attending school or homeschooled in the U.S.