

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

Opportunity Reference Code: JSTI-HS-2022

Organization U.S. Department of Defense (DOD)

Reference Code JSTI-HS-2022

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 your references does not find the email, please advise him or her to 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 JSTI@orau.org. Please include “JSTI-HS” in the subject line.

Application Deadline 4/12/2022 3:15:00 PM Eastern Time Zone

Description The **Joint Science and Technology Institute for Students (JSTI-HS)** is a two-week, fully-funded, residential STEM research program for current high school students in the United States and Department of Defense schools around the world. Students will participate in research projects mentored by Department of Defense research scientists and other subject matter experts. The purpose of the program 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.

There are two locations for JSTI-HS. JSTI West will take place at the University of New Mexico in Albuquerque, NM from June 11-24, 2022. JSTI East will take place at Towson University in Baltimore, MD from July 16-29, 2022. Students from areas outside of the United States are eligible for JSTI East only. For more information on the specific locations, visit <https://orise.orau.gov/jsti/>.

The successful applicant(s) will be required to comply with Environmental, Safety, and Health (ES&H) requirements of the hosting facility, including but not limited to, COVID-19 requirements (e.g. facial covering, physical distancing, testing, vaccination).

We are tentatively planning for an in-person summer experience. However, if necessary to ensure the safety and well-being of all participants and staff, JSTI may be transitioned to a virtual format.



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Qualifications

- Must be a U.S. citizen.
- Must be 15 or older by June 11, 2022.
- Must be entering the 10th, 11th, or 12th grade in the 2022-2023 academic year.
- Must submit a reference contact's email address on the application to be considered. Requests for a reference are automatically sent as part of your application submission.
- Must be willing to follow all program rules and policies and all safety instructions.
- Must be able to participate in all activities for the full program period, EITHER June 11-24, 2022 (JSTI-West) OR July 16-29, 2022 (JSTI-East)
- Must be able to reside on-site throughout the full program (lodging and supervision provided).
- Applications are accepted from students attending schools in the United States or a DoDEA school outside the United States or students who are home schooled.

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a High School Diploma/GED.
- **Overall GPA:** 2.00
- **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 15 years old by 7/16/2022

Affirmation

I certify that I am a U.S. citizen, will be at least age 15 by June 11, 2022, will be entering the 10th, 11th, or 12th grade in the 2022-2023 academic year, have submitted a reference contact's email address on the application, am willing to follow all program rules and policies and safety instructions, am able to participate in all activities for the full program period (either June 11-24 or July 16-29, 2022), am able to reside on-site throughout the full program, and am attending school in the United States or a DoDEA school outside the United States or am home schooled.