**Volunteering, Summer Camp, Research Program**

Students in 8th grade and High School should look for volunteering, summer camp, and research program opportunities at different organizations and institutions locally and nationally. We have compiled some of the information to help our students. However, it is students' responsibility to research on their own and apply for different programs being offered.

**Co-op/Internships and Summer Research Opportunities offered to High School Students**

This site provides links to different organizations and institutions in US for Co-op/Internships and Summer Research Programs

https://people.rit.edu/~gtfsbi/Symp/highschool.htm

**Hospital Volunteering**

Generally, the hospital volunteering application process starts in December. Make sure to look at their sites to stay current

**Scottish Rite Hospital**

Age Requirement: Students currently in grades 8 through 11, ages 14 to 17 are eligible to apply.

https://scottishritehospital.org/get-involved/volunteer

**UT Southwestern Medical Center**

Health Professions Recruitment and Exposure Program (HPREP)

The Health Professions Recruitment and Exposure Program (HPREP) is an enrichment program that exposes high school students to medicine and science through a variety of workshops and hands-on activities. Students also participate in a college fair and mentoring group, with students from the UT Southwestern Medical School, School of Health Professions, and Graduate School of Biomedical Sciences serving as mentors.

Students in 10th through 12th grades who are interested in medicine or science are encouraged to fill out an online application to attend HPREP. Most HPREP students are underrepresented minorities in medicine and/or economically disadvantaged individuals.

https://www.utsouthwestern.edu/education/programs/nondegree-programs/high-school-students/hprep/

**UT Southwestern STARS Science Camp**

Age Requirement: Students currently in grades 8 through 11, ages 14 to 17 are eligible to apply.

https://www.utsouthwestern.edu/sites/stars/students.html

**UT Southwestern**

**Summer Research Opportunities (STARS)**

This eight-week program is designed to give teachers and students an opportunity to work side by side with a faculty host in a research laboratory. Participants are paid a stipend and are required to present the results of their research at the end of the summer. Applications are available from December 1 to February 1.

Age Requirement: Applicants must be at least 16 years old by June 1

**https://www.utsouthwestern.edu/education/programs/stars/programs/summer-research-opportunities.html**

**Harris Health System**

Age Requirement: between 14-17 years

**https://www.harrishealth.org/give-hh/volunteer/Pages/getting-started.aspx**

**Cook Children's**

Age Requirement: between 15-18 years old by June 1

https://cookchildrens.org/giving/volunteers/Pages/junior-volunteers.aspx

**Methodist Health System**

Age Requirement: 16 years of age by June 1

https://www.methodisthealthsystem.org/giving/volunteers/junior-volunteers/

**Baylor Scott & White Health**

Age Requirement: 16 and 17 years of age

**https://www.bswhealth.com/locations/irving/about/Pages/become-a-volunteer.aspx**

**Texas Health Resources**

High School Student Service-Learning Program (Summer Only) Dallas, Texas (TX), Texas Health Dallas

Age Requirement: Must be a current high school student and at least 16 years old

**https://www.texashealth.org/dallas/volunteers/high-school-student-service-learning-program**

**Summer Camp**

**Stanford Pre-Collegiate Studies**

Stanford Pre-Collegiate Studies advances the education of academically talented, intellectually curious, pre-college students. We offer a variety of programs designed to meet the needs of top students

everywhere. Join our community of passionate students, staff, and instructors. We help future generations of students grow as scholars and people through our world-class programming. Our programs cover advanced subjects rarely taught in high school courses, offering students a chance to challenge themselves by diving deep into cutting-edge topics.

https://spcs.stanford.edu/programs

**Tulane University Pre-College Program**

Tulane University understands that the world is facing some big challenges. To inspire the next generation to think, learn, act, and lead, we are offering students an opportunity to participate in Tulane Pre-College programs this summer. Tulane Pre-College offers middle and high school students the opportunity to explore their artistic, intellectual, and professional passions while experiencing college life. With both credit and enrichment options, our different one- and two-week programs provide students with an introduction to Tulane University, where young minds can explore academic disciplines, build their resumes, and imagine making an impact.

https://summer.tulane.edu/courses/enrichment

**Microsoft - DigiGirlz**

Microsoft is proud to offer technology programs specifically for youth. One of our signature programs, DigiGirlz High Tech Camp for girls, works to dispel stereotypes of the high-tech industry. We continue to look for opportunities to give young people a chance to experience, firsthand, what it is like to develop cutting-edge technology. During the camp session, the girls listen to executive speakers, participate in technology tours and demonstrations, network, and learn through hands-on experience in workshops. Established in 2000, the camp program continues to grow and evolve.

**https://www.microsoft.com/en-us/diversity/programs/digigirlz/hightechcamp.aspx**

**College Preparation Programs - UT Dallas**

The Department of Community Engagement hosts college preparation programs throughout the year for middle and high school students. The Department assists prospective students with college preparation and enrollment, conducts outreach to students who have been admitted to the University, provides informational presentations in the community about UT Dallas, facilitates campus visits to promote UT Dallas at designated schools, and participates in admissions and financial aid nights in the community. For information about visiting or enrolling at UT Dallas contact the Office of Admission and Enrollment Services.

**https://www.utdallas.edu/community/college-preparation-programs/**

**Parents and Families - Programs for Minors - UT Dallas**

Different program, activity, camp or event (collectively known as PACE) hosted by UTD

**https://www.utdallas.edu/pfm/parents/**

**ITS Academy – UT Dallas**

**UT Dallas is helping the young generation of today become the workforce of tomorrow.**

The ITS Academy was created to provide outreach opportunities to younger generations who have an interest in learning more about STEM opportunities, particularly as they relate to business. Maybe you are a girl in middle school who's really interested in technology. Or perhaps you are learning about information technology (IT) in high school but want to know more about possible careers in IT. Or maybe, you're an educator and want to know how you can encourage more students to pursue IT. The ITS Academy is the place to start. Please take a minute to look at our current outreach events to see if there is one for you. https://jindal.utdallas.edu/events/its-academy/

**Information Technology and Systems Exploration Camp for High School Students – UT Dallas**

The ITS Exploration Camp gives you a sneak peek into how the UT Dallas Naveen Jindal School of Management breaks down the complexities of IT systems into modules that make sense, come together in a cohesive way and introduce IT's many career possibilities. Our experienced faculty help students carve a niche for themselves in the field of IT. Coupled with an exuberant campus and a waterfall of opportunities, the Jindal School is leading future generations with the ITS program.

https://jindal.utdallas.edu/events/its-academy/summer-camp/

**Cyber Defense Camps – UT Dallas**

https://www.utdallas.edu/k12/cyber/

**Research Program**

Look through these labs' webpages to find some that you would be interested in working with. Contact the department to see if they would be interested in having you work at their lab. It would be better to email the labs one at a time. If you do not hear back from someone, do not be discouraged; you can contact them again or email another group. For high school and undergraduate students, they often have to contact multiple groups (one at a time) before one of them responds.

**UTD research labs in the Neuroscience and Biology**

https://bbs.utdallas.edu/research/labs/

https://www.utdallas.edu/biology/research/

**UTD Nano Explorers**

The George A. Jeffrey Nano Explorers Program promotes nano technology-based education for high school students entering the 10th-12th grades. The goal of the program is to inspire high school students to become productive scientists and engineers by enabling them to do original research work. Once admitted into the program, students are able to join a faculty member's research lab based on their interest. They are taught the skills needed to test their ideas, and how to team, and are encouraged to play

with new concepts and to invent. As much as possible, they are treated like any other member of the lab. The work they do is associated with actual funded programs at the university and they work to deliver real results.

https://centers.utdallas.edu/nanotech/for-students/nanoexplorers/

**NASA STEM Engagement**

**High School Aerospace Scholars**

High School Aerospace Scholars, or HAS, is an interactive online learning experience highlighted by a weeklong internship. Selected students are encouraged to study mathematics, science, engineering and computer science by interacting with engineers at NASA's Johnson Space Center. The project includes preliminary interactive Web-based activities, distance learning and a residential experience during the summer at JSC. From across the state of Texas, students are selected to participate by their state legislator through a competitive process. Selected students are Texas residents and U.S. citizens currently in their junior year of high school (rising seniors) with an interest and aptitude for mathematics, science, engineering or computer science.
Duration: One year

**https://www.nasa.gov/offices/education/programs/descriptions/High_School_Aerospace_Scholars.html#.VoQLAfHwP9I**

**Welch Summer Scholar Program**

The Welch Summer Scholar Program (WSSP), sponsored by the Robert A. Welch Foundation of Texas, began more than 30 years ago. To date, the WSSP has provided over 1,500 Texas high school students with unique opportunities to participate in hands-on, college-level research projects using state-of-the-art equipment and modern technology not typically found in high-school classrooms.
The program is open only to students who attend high school in Texas and selected individuals will participate in a five-week summer residency program engaging in one-on-one mentoring and first-hand research training with professors and graduate students at one of five Texas universities. Participating institutions are The University of Texas at Austin, The University of Texas at Arlington, The University of Texas at Dallas, The University of Houston and Texas Tech University.

**http://www.wssptx.com/**