INTERNSHIPS

Summer High School Internship Program (SHIP) through NIST
The Summer High School Intern Program (SHIP) is a NIST-wide summer intern program for students who **will have finished their junior or senior year** of high school by the start of the program and are **interested in scientific research only**. Students selected for this competitive volunteer program will participate in cutting-edge research at NIST, and will work closely with NIST staff scientists and engineers on a specific research problem. For more info and to apply go to https://www.nist.gov/careers/summer-high-school-intern-program **Deadline March 1, 2019.**

The Department of Navy's **Science & Engineering Apprentice Program (SEAP)** places academically talented high school students with interest and ability in science and mathematics as apprentices in DoN laboratories for eight weeks during the summer. These students work with scientists and engineers who act as mentors. The program offers students a unique and positive experience in their fields of interest, thus encouraging them to pursue careers in science and engineering.

Eligibility Requirements
*High school students who have completed at least Grade 9. A graduating senior is eligible to apply
*Must be 16 years of age for most laboratories. Some laboratories may accept a 15 year old applicant. Please check individual lab description for more details.
*Applicants must be US citizens and participation by Permanent Resident Aliens is limited. Please check individual lab descriptions for participation of Permanent Resident Aliens.
*Participating students spend 8 weeks during the summer doing research.
*The stipend amount for new students will be $3,300 for the 8 weeks. For returning students, the stipend is $3,800.

For more info go to https://seap.asee.org/program_details. **Deadline to apply is October 31, 2018 at 6:00pm Eastern.**

The **Army's Educational Outreach Program (AEOP)** offers a variety of summer programs for high school students from enrichment programs to competitions to apprenticeships. They present great opportunities to work with world class scientists and facilities. Several programs available. Deadlines vary. Go to https://www.usaeop.com/students/ for more information.

- **The Gains in the Education of Math & Science (GEMS**) is an Army sponsored summer STEM enrichment program through AEOP (see above) for middle school and high school students that takes place in participating Army Research Laboratories in Aberdeen, Frederick and Adelphi, MD. Students accepted to the program receive a stipend of $100/week.   For more info and to apply, go to http://www.usaeop.com/programs/stem-enrichment-activities/gems/ **Deadline March to April, 2019 deadline varies by program, see program for more information.**
- **The High School Apprenticeship Program (HSAP)** is a commuter summer program open to current juniors and seniors with an authentic science and

engineering research experience alongside university researchers. Students will develop skills in critical science and engineering research areas. **Deadline to apply is February 28, 2019.** https://www.usaeop.com/program/hsap/

- **The Research & Engineering Apprentice Program   (REAP)** is a summer STEM program that places talented high school students, grades 9 – 12, from groups historically underserved in STEM, in research apprenticeships at area colleges and universities. REAP apprentices work under the direct supervision of a mentor on a hands-on research project. **Deadline to apply is February 28, 2019**. https://www.usaeop.com/program/reap/

- **The Science and Engineering Program (SEAP)** matches practicing DoD scientists with talented high school students, current 10th, 11th and 12th, to create a direct mentor-student relationship. This level of first-hand research experience is unparalleled at most high schools. SEAP participants receive first-hand research experience and exposure to Department of Defense laboratories. **Deadline to apply is February 28, 2019.** https://www.usaeop.com/program/seap/

The National Security Language Initiative for Youth (NSLI-Y)

The State Department's National Security Language Initiative for Youth (NSLI-Y) provides merit-based scholarships to U.S. high school students and recent graduates interested in learning less-commonly studied foreign languages overseas.

Eligibility Requirements

All applicants must:

- Be a U.S. citizen currently enrolled in, or just graduated from, high school;
- Be 15-to-18 years old at the start of the program;
- Have a minimum GPA of 2.5.

The application deadline for 2019-2020 program is October 30, 2018 @ 4PM Eastern Time http://exchanges.state.gov/youth/programs/nsli.html

NASA GODDARD SPACE FLIGHT CENTER 2017 SUMMER INTERNSHIP PROGRAM
The online application is located at http://intern.nasa.gov. The Summer internship applications are accepted: **year round**, however it is advised that students have their applications completed by approximately February 1, 2019. **The deadline for summer**

2019 is April 1, 2019. The internship program for high school students is highly competitive .

NASA DEVELOP National Program, Various Locations
SSAI AND WISE, VA through the DEVELOP National Program, Hampton, VA student research intern positions available for June 4 through August 10.   Salary is dependent upon student's educational status. High school (must be 18 yrs old), undergraduate and graduate level students with a 3.0 GPA are eligible to apply. Students with a strong interest in atmospheric science, environmental science, Earth science, physics, chemistry, technology, computer science, environmental policy, or mathematics are strongly encouraged to apply. Several locations to choose from:

- Langley Research Center -- Hampton, VA
- Ames Research Center -- Moffett Field, CA
- **Goddard Space Flight Center -- Greenbelt, MD**
- Stennis Space Center -- Stennis, MS
- Marshall Space Flight Center -- Huntsville, AL
- Mobile County Health Department -- Mobile, AL
- Great Lakes and St. Lawrence Cities Initiative -- Chicago, IL.
  Access the application at http://develop.larc.nasa.gov. Other information about the program is also available at the website. Contact: Amy Jo Swanson, Science Projects Manager, DEVELOP National Program Office, NASA Langley Research Center, Mail Stop 307, Hampton, VA 23681. Phone: (757) 864-3761. Fax: (757) 864-3699. E-mail: NASA-DL-DEVELOP@mail.nasa.gov. **Summer 2019 Term:** Application Window: January 14 - February 22. Letters of recommendation due: March 8. Term dates: June 3 – August 19.

NIH Summer Internship Program for Biomedical Research
Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working at the NIH side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research. The NIH consists of the 240-bed Mark O. Hatfield Clinical Research Center and more than 1200 laboratories/research projects located on the main campus in Bethesda, MD and the surrounding area as well as in Baltimore and Frederick, MD. Prospective candidates must apply online. The NIH Summer Internship Program is highly competitive. In 2010, more than 6700 applications were submitted, and about 1200 interns were selected. **Applications are reviewed on a rolling basis from mid-November through April by scientists in the Institutes and Centers of the NIH. The deadline is March 1.** For more info and to apply, go to https://www.training.nih.gov/programs/sip

NIH HISTEP and HISTEP 2.0 Internship Programs for STEM
Juniors and Seniors can learn about STEM careers at the National Institutes of Health in Bethesda, MD. The program seeks motivated, hard-working students who are interested in STEM careers to apply to the High School Scientific Training and Enrichment Programs (HiSTEP for juniors and HiSTEP 2.0 for seniors).

In [HiSTEP](https://www.training.nih.gov/histep), students spend seven weeks exploring the medical sciences and STEM careers through a variety of activities, including a hands-on laboratory module, research group visits, informational interviews, networking sessions, and discussions on hot topics in science. In addition, students participate in a curriculum that encourages them to get a head start on the college application process.

In [HiSTEP 2.0](https://www.training.nih.gov/histep_20_home_page), students spend eight weeks as a summer intern conducting research in a laboratory, working under the mentorship of NIH research scientists and clinicians. In addition, students participate in a curriculum that prepares them for the transition to college.

 To learn more about these programs, please visit the websites for HiSTEP (https://www.training.nih.gov/histep) and HiSTEP 2.0 (https://www.training.nih.gov/histep_20_home_page). Watch the informational video about HiSTEP (https://www.training.nih.gov/oite-yt/histep), and read about our students' experience in the NIH Record (https://nihrecord.nih.gov/newsletters/2017/08_25_2017/story5.htm). **The deadline for both programs is Feb 18, 2019.**

*YES! Youth Engagement through Science is a youth program for rising high school sophomores, juniors and seniors, ages 13-19, sponsored by the Smithsonian. It is a 12 week program. Gain practical experience in a Smithsonian science career, have opportunities to work in Smithsonian exhibit and learning experiences and earn a stipend of $1750. For more info and to apply go to http://www.mnh.si.edu/education/yes/ **The deadline for Summer 2019 is January 31, 2019.**

*BANK OF AMERICA - STUDENT LEADERS PROGRAM is seeking H.S. juniors or seniors strong in leadership who have demonstrated interest in tackling the crucial issues facing communities today.   This is a paid eight-week internship for the summer of 2018 with a non-profit organization that addresses the concerns in your community. Gain hands-on learning & valuable insights into how community organizations work. Online applications may be submitted at bankofamerica.com/studentleaders   **The deadline to apply is February 1, 2019**. Questions: 202-442-3925 or theresa.seighman@bankofamerica.com

The J. Craig Venter Institute 2019 Internship Program
  The Internship Program offers motivated high school, undergraduate and graduate students as well as teachers the opportunity to nurture their interest in science by participating in cutting-edge genomic research at the Institute in both Maryland and California. In addition, the Institute also hosts students interested in other areas such as EHS and IT. The summer program is by far the most popular with over 540 applicants last year from around the US and the world. High school students must be at

least 16 years old by one month prior to the start of their internship and have preferably completed their junior year. A 'B' average is required as well as a strong interest in the selected career.

For more information, visit: http://www.jcvi.org/cms/education/internship-opportunities

Internship positions are posted throughout the year. The positions are posted on our "Careers" page with all other open JCVI employment opportunities. If you are interested in interning with JCVI, please click "View job opportunities" to read the intern position descriptions and apply. You may apply to more than one position. The JCVI Internship Program uses a rolling admissions process, i.e., applications are considered as they are received once the position is posted. **Only complete applications will be considered**. If a faculty member or senior staff is interested in your application, you will be contacted to begin the interview process.

MONTGOMERY COUNTY CIRCUIT COURT INTERNSHIPS

The Montgomery County Circuit Court in Rockville offers unpaid internships for students of high school and college age, with opportunities available during the summer and/or the school year. Student Service Learning (SSL) hours can be earned, if applicable.

Internships require independent workers who communicate well, are organized, and can follow written and verbal instructions. Applicants must be committed to the internship, as well as show motivation, initiative, punctuality and reliability, and the ability to maintain professionalism. Interns work in conjunction with several offices and may be placed in offices throughout the court as needed. The internship program does not provide direct working relationships with judges, attorneys, or opportunities to assist in courtrooms.

If you are considering an **internship for the summer**, we are looking for applicants that are available for a commitment of six uninterrupted weeks from mid-June through August, with flexibility for camps, vacations, and other obligations. Applicants must be available three to five days per week, Monday through Friday, between 8:30 am and 4:30 pm. A minimum of four hours per day is required.

If you are interested in applying for an **internship during the school year**, applicants will be required to work a minimum of three days a week for three hours each day.

The deadline to submit documents for the **Summer Internship Program** is March 31 of each year, with interviews beginning mid-April.

School-year internship applications are processed on a continual basis, with interviews scheduled as needed.

For more information and to apply, please visit:
http://montgomerycountymd.gov/cct/internships.html