

Gifted and Talented

Upperclassman Career and Internship Programs

Application Deadline (subject to change)	Eligibility (current grade level)	Program Name	Program Description	Contact Information & Application Link
December 2nd, 2025	Juniors	Research Scholar Institute	The first cost-free summer science & engineering program to combine on-campus course work in scientific theory with off-campus work in science and technology research. RSI scholars first participate in a week of intensive STEM classes with accomplished professors. The heart of RSI is the five week research internship where students conduct individual projects under the tutelage of mentors who are experienced scientists and researchers. During the final week of RSI, students prepare presentations on their research projects. June-August 2024.	Link: https://www.cee.org/programs/apply-rsi
March 1, 2025	Juniors	Henry Clay High School Student Congress	The High School Student Congress is a free immersive high school summer program for students interested in politics, leadership and public policy. Fifty rising high school seniors are selected to attend the weeklong academic summer program. Throughout the High School Student Congress, participants focus on different dimensions of politics and public policy through an intensive curriculum. In	Link: https://henryclaycenter.org/wp-content/uploads/2023/03/2023-High-School-Student-Congress-Application.pdf

			addition, students engage with lawmakers, local officials, community leaders and others to explore the challenges of leadership in public policy. June 2024.	
January 17, 2025	Sophomores and Juniors	Bank of America Student Leaders Program	Community-minded high schoolers get first-hand experience in serving their communities through a paid eight-week internship with nonprofits like Boys and Girls Clubs of America and Habitat for Humanity. They also get to see how nonprofits, governments and businesses collaborate to meet local needs by participating in the national Student Leaders Summit in Washington, D.C. Many of the students use their new-found skills to create more change and improve more lives, with inspiring stories of enthusiasm and commitment. Program runs throughout the summers (dates vary).	Link: https://www.cybergrants.com/pls/cybergrants/ao_login_login?x_gm_id=1499&x_proposal_type_id=995
Opens on December 15, 2024	Juniors	Boston University RISE (Research in Science and Engineering)	Students who are passionate about the sciences and currently in their junior year of high school are invited to apply for the Research in Science & Engineering (RISE) program. Spend six weeks conducting university laboratory research with some of the nation's brightest scientific minds while advancing your STEM knowledge and skills. RISE is open to both commuter and residential students and provides two research tracks: Internship students tackle research projects under the mentorship of distinguished faculty, post-doctoral fellows, and graduate	Email: rise@bu.edu Link: https://www.bu.edu/summer/high-school-programs/rise-internship-practicum/how-to-apply/

			<p>students. Practicum track students attend intensive lectures in computational neurobiology and conduct group research projects under the guidance of a BU instructor. The lab experiments are designed to demonstrate procedures that are representative of neurobiology research focused on computational modeling of neural systems. There is a \$5,000-8,000 cost.</p>	
<p>Applications will open later this fall for the U.S. Youth Ambassador program (Likely by November 2024)</p>	<p>All high school students 15-18 years old (Sophomores–Seniors)</p>	<p>US State Department Youth Ambassador Program</p>	<p>The Youth Ambassadors Program is a free exchange program that brings together high school students and adult mentors from countries across the Americas to promote mutual understanding, increase leadership skills, and prepare youth to make a difference in their communities. Exchanges are primarily from Latin America and the Caribbean to the United States, but also include delegations from the United States to select countries. Participants will engage in workshops, community service activities, team building exercises, meetings with community leaders and Congress, and live with local host families for four weeks. Upon their return home, the students apply what they have learned to implement projects that serve needs in their communities.</p>	<p>Email: youthambassadors@worldlearning.org Link: http://www.youthambassadorsprogram.org/</p>
<p>February 20th, 2025</p>	<p>All high school students</p>	<p>NASA SEES (Stem</p>	<p>Scientists and Engineers at UT/CSR are</p>	<p>Email: sees@csr.utexas.edu Link:</p>

	(Freshman-Seniors)	Enhancement in Earth Science)	conducting NASA supported research on astronomy, remote sensing, and space geodetic techniques to help understand Earth systems, natural hazards and climate science. This summer TSGC and UT/CSR will support a summer intern program where interns will complete distance learning modules, then work remotely guided by project mentors. There will then be an on-site internship. Housing, meals, and local transportation will be provided for those selected (free program). A limited number of travel scholarships to Texas are available. Virtual internship timelines are listed in the project description. The SEES summer intern program will allow interns to view and investigate NASA remote sensing data, mission design, analysis of ice sheets, Earth's gravity field, and other observations while being mentored by project scientists. All project teams will present their research during the Virtual SEES Science Symposium. Available to all high school students to apply for.	https://spacegrant.net/apps/sees https://www.csr.utexas.edu/sees-internship/
March 31st, 2025	All high school students 14 or older (Freshman-Seniors)	UCSC SIP (Science Internship Program)	The Science Internship Program provides motivated, advanced students with a unique opportunity to work and learn at a premier research institution. SIP is a summer-long (10 week) research internship program for high school students in STEM fields. UCSC faculty, graduate students, and post-doctoral researchers provide one-on-one mentoring of these	Email: ucsc-sip@ucsc.edu Link: https://sip.ucsc.edu/program-details/apply-now/

			<p>high-school interns. The research projects are <i>real</i> in that they are <i>not made</i> up just for the high-school students; instead students are inserted into existing research projects here at UCSC. The cost is \$4,000, with an additional \$3,500 for housing. For those who live <i>outside</i> the Bay Area, it is necessary for them to have/avail of one or more of the following options:</p> <ul style="list-style-type: none"> • Opt for the special seven-day (weekday & weekend) campus housing option that is offered as an option to only out-of-area students. • Opt to be placed in one of a select number of research projects that allow for students to conduct their research <i>remotely</i> and connect with their mentor using an online platform. 	
April 3, 2025	All high school students (Freshman-Seniors)	The School of the New York Times Summer Academy	The School of the New York Times offers various two week programs in journalism, media, technology, arts, culture, sports, fashion, and media business. Courses are taught by reporters, editors and other industry experts who have an insider's knowledge of the terrain and will guide you to out-of-the-way places and unique experiences. The program cost is ~\$6,500.	<p>Email: info@nytedu.com</p> <p>Link: https://nytedu.com/admissions/summer-academy-admissions/</p>
March 2025	Juniors	Summer Science	Summer Science Program offers teens an	Link:

(opens in December 2024)		Program (SSP)	exhilarating and inspiring immersion into hands-on experimental science. Working in teams of three, 36 participants and 7 faculty form a supportive “living and learning community” over 39 days. Each team completes a real research project, taking and analyzing original data in astrophysics, genomics, or biochemistry. There are 6 subprograms held at major universities around the US, and all are fully free to attend.	https://summerscience.org/admissions/how-to-apply/
Begin on December 1st, 2024, variable deadline	All high schoolers (Freshman-Seniors) *Note: high chances for lower grades to be accepted	The Waksman Institute Summer Experience (WISE)	WISE is a non-residential two-week program (in June, July, or August) held at the Waksman Institute on the Busch campus of Rutgers University in Piscataway NJ. The sessions will meet Monday through Friday starting at 9:00 AM (ET). Students will attend seminars followed by laboratory sessions each day. Students are expected to attend all seminars and laboratory sessions, conduct independent homework assignments and report their findings. High school students who are accepted to the WISE Programs will: participate in daily seminars conducted by Rutgers faculty, conduct in-person molecular biology laboratory procedures to purify and analyze DNA fragments and report their findings, analyze gene sequences from these DNA fragments using the same bioinformatic tools used by practicing scientists worldwide, and submit their vetted DNA sequence analyses for publication on GenBank, the international repository of	Email: wssp@waksman.rutgers.edu Links: https://wssp.rutgers.edu/how-submit-application-wise

			DNA sequences, that is maintained by the National Center for Biotechnology Education (NCBI). There is a \$2,000 cost.	
February 7th, 2025	Juniors (NEED high school's nomination)	Stony Brook University Simons Summer Research Program	In this high school outreach program, Simons Fellows are matched with Stony Brook faculty mentors, join a research group or team, and assume responsibility for a project. The Simons Fellows conclude their apprenticeship by producing a written research abstract and a research poster. In addition to learning valuable techniques and experiencing life at a major research university, Simons Fellows attend weekly faculty research talks and participate in special workshops, tours and events. At the closing poster symposium, students are presented with a stipend award. There is a program cost, estimated to be \$2781.50 for 2024.	Email: simonssrp@stonybrook.edu Links: https://www.stonybrook.edu/commcms/simons/applying_to/nomination.php https://docs.google.com/spreadsheets/d/e/2PACX-1vR-NDQjVGjSfMPQnbkCO9LA7tUoxL7Nl5IwKwSiNpssuwUs_zbjkLcWv2QTkN_Y0gLDoGtuDVAjpy6K/pubhtml
March 31st, 2025	All high schoolers (Need to have completed a course in physics; realistically Juniors-Seniors)	Rutgers University QuarkNet Program	High school students can participate in the 11th Annual Summer Workshop on Particle Physics and Cosmology. In this program, students will learn about the currently most important open questions in fundamental physics. Students will gain first-hand knowledge of research in elementary particle physics by analyzing real data from the Large Hadron Collider at the CERN laboratory in Switzerland using event displays and the analysis tools used by research physicists. In addition, students will get	Link: https://www.physics.rutgers.edu/~steves/Rutgers_summer_program/Application_Form_2023.pdf

			hands-on experience at collecting cosmic ray data and designing and carrying out their own cosmic ray experiments using cosmic-ray particle detectors. Students will also participate in sessions on cosmology and quantum computing. At the conclusion of the program, participating students will be expected to work with a group of fellow students to prepare a presentation on a research topic of their choice. The program is free and commuter based, which is realistic for students in South Jersey.	
October 9th, 2025	All high schoolers (prefer experience in journalism/creative writing)	KYW Newstudies Program 2024	KYW Newsradio has given high school students the opportunity to learn about the inner workings of a major market radio station with the Newstudies student reporter program. Over the course of four Saturdays, students will learn reporting, news writing, editing, ethics and interviewing skills from KYW Newsradio managers, editors and reporters. At the end of the Newstudies program there will be a graduation ceremony. To graduate from the program, students must research, write and record a news report about something in their school or community. The student's report will air on KYW Newsradio and a digital version of the report will be posted online. This is a free, commuter based program.	Link: https://www.audacy.com/kywnewsradio/kyw-newstudies-2023-application-page
March 10, 2025	Sophomores and Juniors	The Metropolitan	The Met High School Internship Program offers paid opportunities for students who attend a	Email: highschoolinterns@metmus

(Followed by interview notification by April 10, 2025)		Museum of Art Summer High School Internship	high school or home school in New York, New Jersey, or Connecticut. This program allows students to connect with art, museums, and creative professionals as they develop professional skills, network, and gain work experience. This internship experience is not limited to young people who have a passion for art! The High School Internship Program allows you to connect one-on-one and in small cohorts with Museum professionals in a number of related fields, including editorial, marketing, social media, education, scientific research, conservation, and more. During your time at The Met, you have the chance to find the intersection of your interests as you gain insights from peers and professionals. Students who are members of groups that are historically underrepresented in these fields are strongly encouraged to apply. Upon completion of the program, High School Interns receive a stipend commensurate with New York State minimum wage law, although transportation and/or living spaces are not provided.	eum.org Links: https://www.metmuseum.org/about-the-met/internships/high-school/summer-high-school-internships https://webportalapp.com/sp/login/2po7yn351o
March 20, 2025	Seniors and Juniors (must be 17 years old by the beginning of the program in late June)	United Nations Temple of Understanding Internship	The Temple of Understanding has implemented its commitment to education of youth by hosting a Summer Internship Program. TOU's student interns have the opportunity to attend open meetings of the UN Security Council, the General Assembly, and various committees. It is	Email: internships@templeofunderstanding.org Link: https://templeofunderstanding.org

			<p>our hope that this program launches their careers as global citizens who care about the humanitarian goals embraced by the UN. This program provides individuals with a hands-on learning experience of the work of the UN for four intensive weeks. Students often discover their passion for a career in international relations and related fields. Students accepted into this program have the opportunity to meet with various UN organizations, Missions, and NGOs for discussions based on their specific questions and interests. Student interns also choose a topic for research that they are passionate about and that connects with the work of the Temple of Understanding. They present what they learn through an oral presentation and written paper at the end of the program. Throughout the program, student interns also have the opportunity to learn about different religions through visits to various interfaith sites, and they participate in volunteer work. This program is held for 4 and ½ weeks in June-July in New York.</p>	ng.org/internship-programs/ https://templeofunderstanding.org/internship-application-process/
Varied Dates (by April at latest)	High School Students over years of age (Sophomores-Seniors)	Sandia National Laboratories Student Internship Program	<p>Each year, Sandia welcomes students from around the country—from those in their final years of high school to researchers obtaining PhDs—to work in a variety of technical and business positions. Interns work on real-world, challenging projects to contribute to critical</p>	<p>Links: https://www.sandia.gov/careers/career-possibilities/students-and-postdocs/internships-co-ops/ </p>

	Note: Further requires 3.0/4.0 GPA and U.S. Citizenship		<p>national goals. Many of these research internships can be experienced through technical institutes that encompass a range of disciplines, including cyber security, energy surety, engineering design, and software development. Each institute provides a team to guide and mentor interns in projects aligned with their major or area of particular technical interest. There are internships in Business, Research and Development, Technical Engineering, and Clerical Work. Summer internships typically run 10-12 weeks, generally from May to the last Thursday in August. Summer interns may work up to 40 hours per week. Students are paid between \$16.20 and \$19.00 per hour, and must find living spaces in New Mexico or California for the duration of the program. Internships provide students: Opportunities to work on challenging projects at competitive pay; Academic credits for some co-op and other internships; Research mentoring from top scientists and engineers; Training and practical work experience using state-of-the-art equipment and instruments.</p>	https://cg.sandia.gov/psc/applicant/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL.GBL?FOCUS=Applicant&FolderPath=PORTAL_ROOT_OBJECT.HC_HRS_CE_GBL2&IsFolder=false&IgnoreParamTempl=FolderPath.IsFolder?&
Unclear due to U.S. security procedures (application is currently	Juniors and Seniors (need U.S. citizenship)	Air Force Research Library Scholar Program	<p>The Air Force Research Laboratory (AFRL) Scholars Program offers stipend-paid internship opportunities for students, with room and board provided for the summer of 2024. The selected interns gain valuable hands-on experiences working with full-time AFRL scientists and</p>	<p>Email: AFRL-Scholars@usra.edu</p> <p>Link: https://afrlscholars.usra.edu/students/</p>

open)			engineers on cutting-edge research and technology and are able to contribute to unique, research-based projects. Applicants can work at Kirtland/AMOS Air Base, Eglin/Hurlburt Air Base, or Wright-Patterson Air Base (among other, unspecified locations).	https://afrlscholars.usra.edu/
May 1, 2025 (encouraged to apply as early as possible)	Sophomore-Junior (B average or higher, commitment to live on campus, very strong interest in business)	The Summer Entrepreneurship and Business Academy (SEBA) at Stockton University School of Business	SEBA at Stockton University School of Business is designed to provide a unique platform for area high school students to appreciate and learn about the basics of entrepreneurship and business. This is a unique and exceptional learning opportunity, with topics that include: accounting, business analytics, computer information systems, computer science, finance, management, marketing and hospitality. There will be a Business plan competition judged by faculty, advisory board members and community leaders. Acceptance includes one week of programming, housing, meals and field trips, and there is no cost to attend. The Program will run from July 14-20, 2024.	Email: tara.marsh@stockton.edu Link: https://stockton.qualtrics.com/jfe/form/SV_bJbklglkKFvY0d https://stockton.qualtrics.com/jfe/form/SV_bJbklglkKFvY0d
Opens March 1st, 2025 (unclear	Sophomores-Juniors	Think Like an Entrepreneur Summer Academy at	The Think Like an Entrepreneur Summer Academy (TLAE) is a non-residential, educational experience. Participants earn 3	Email: volk@rowan.edu Link:

deadline date)		Rowan University	college credits equivalent to one college course of credit which can be used at Rowan or transferred for credit to another university. Led by Dr. Michael Dominik, Professor Greg Payton and RCIE Assistant Director Jessica Vattima, the program teaches the entrepreneurial mindset by introducing students to unique and interesting problems facing entrepreneurs in starting and operating new ventures. Students are broken into teams at the start of the program and tasked with finding a solution to one of the United Nations Sustainable Development Goals. Each day focuses on various topics including problem solving, customer discovery and engagement, design thinking, the Business Model Canvas, prototyping, financial analysis and resources, storytelling, and pitching. The Academy concludes with pitch presentations where teams present their idea to a panel of industry leading judges. The Academy typically spans eight-days. Thanks to the generous support of the TD Charitable Foundation, participation in the academy is free of charge.	https://ent.rowan.edu/communityprograms/tlae.html
Dates Vary: Typically between February 1 and March 1 for the	Sophomores-Juniors (U.S. Citizenship, 3.0 minimum GPA)`	United States Senate Page Program	The United States Senate Page Program introduces students from diverse backgrounds to many interesting and challenging experiences in the nation's capital. Living away from home with students from across the country allows pages to experience a myriad of new ideas and	Links: Senator Coons (DE): https://www.coons.senate.gov/services/us-senate-page-program

Summer Session			<p>perspectives as well as develop skills in communication and compromise. Pages learn the value of public service while meeting some of our nation's most prominent leaders and witnessing firsthand the political debates of the United States Senate. Pages play an important role in the daily operation of the Senate, delivering correspondence and legislative material within the Capitol and Senate office buildings, preparing the Chamber for Senate sessions, and working on the Senate floor where they provide assistance during roll call votes, support senators and staff during debates, and carry bills and amendments to the desk.</p> <p>Pages must be sponsored by a senator. There are 30 page positions that serve the 100 members of the United States Senate; therefore, not all senators are able to appoint pages. Students who wish to apply for a Senate page position and meet the eligibility requirements should write to their senators and request to be considered for a position. Senators' offices may provide additional information on their application requirements. Since pages serve for less than a year, they do not earn an entire annual salary, but make a salary of \$35,000. There are 2 summer sessions, which each run for 1 month. While no Senator from NJ currently sponsors Pages, there are several senators who will potentially sponsor an out of state student.</p>	<p>Senator Warner (VA): https://www.warner.senate.gov/public/index.cfm/senate-page-program-information</p> <p>Senator Sanders (VT): https://www.sanders.senate.gov/senatepageprogram/</p> <p>Senator Schumer (NY): https://www.schumer.senate.gov/services/students/page-program</p>
----------------	--	--	--	--

March 1, 2025	Graduating Seniors (16 years of age or older)	Princeton Plasma Physics Laboratory High School Summer Internship	<p>PPPL's Science Education department offers a limited number of internship positions for outstanding high school seniors for the summer after their graduation. Each term, which lasts about 8 to 10 weeks during the summer, offers students the chance to work on a project with a member of our research or engineering staff. The exact dates of the internship depend on the participant's school schedule. The summer internship schedule is Monday through Friday, 9 a.m. to 5 p.m., 40 hours per week.</p> <p>It is strongly recommended that students have:</p> <ul style="list-style-type: none"> • some experience relevant to an experimental or computational project in plasma physics • a strong interest in plasma physics, fusion energy, etc. • taken some or all of the following classes: physics, chemistry, advanced math, engineering, etc. • some experience with coding/computer languages, such as Python or Java, and/or computer-aided design (CAD), such as SolidWorks or AutoCAD 	<p>Application Link: https://docs.google.com/forms/d/e/1FAIpQLScrbwUc8xKdO2HYj_dXfemGb3xXsxiDHmXGY5v1KpPb_OO_UZA/viewform?usp=send_form</p> <p>Website Link: https://www.pppl.gov/high-school-summer-internship</p> <p>Email: sgreco@pppl.gov</p>
---------------	---	---	--	--

