

Student Opportunities 2015-16

Our community service requirement is a minimum of 150 hours, anywhere students feel comfortable. It is the student's responsibility to find places to volunteer and complete their community service hours.

Please reach out to our High School Guidance Counselor, Mrs. Park, for necessary paperwork to track community service hours.



Application Deadline is Tuesday, April 19, 2016

Plants and Society: An Introduction to Plants and Their Importance in Society

A **4-credit SUNY Old Westbury Course** at the Environmental Study Center

For NYC Public High School Students Entering Grades 10, 11, and 12

Click [here](#) for more information.

The online student application is due by **5:00 PM, Tuesday, April 19, 2016**. The entire paper consent form application packet is due by **5:00 PM, Thursday, April 21, 2016**. **All completed applications will be reviewed and judged by a panel of educators.** Notification of acceptance will be sent during the week of May 16, 2016 via email from ESC@schools.nyc.gov.

ESC Summer Camp 2016

Farm to Fork

For Students Entering Grades 7, 8, and 9

Campers will experience all the steps needed to bring fresh, nutritious and delicious food from the farm to the table. Campers will explore different components of gardening including succession planting, garden care, plant identification, companion planting, composting and many more. Campers will tend to the garden and harvest their bounty. Using their bounty, campers will prepare snacks and bring home recipes.

Click [here](#) for more information.

Dates: Monday, August 1 - Friday, August 5, 2016

Time: 9:00 a.m. - 1:00 p.m.



Service in Schools (SIS) Leadership Institute

High school students interested in becoming leaders while also serving the community can apply for the Service in Schools (SIS) Leadership Institute! The SIS Leadership Institute is an exciting opportunity, powered by Service in Schools, for NYC public high school students in grades 9-12 to build their leadership skills over the course of a five-day Institute during spring break, from Monday, April 25 through Friday, April 29, 2016.

The SIS Leadership Institute culminates in the planning and implementation of a day-long Youth Service Summit for elementary school students on Friday, May 27, 2016.

Application deadline is 5:00pm on Tuesday, March 29, 2016. For more information and to apply, click [here](#). For questions, email ServiceinSchools@schools.nyc.gov.

If you would like to apply to Queens College Summer Science Program or QC Summer Institute for Humanities and Social Sciences, please come get the application from Ms. Park, our high school guidance counselor.

Science: QCSSP will bring students and teachers in contact with world-class faculty and facilities at Queens College. Participants will be exposed to the latest research and will be energized by a variety of laboratory and field experiences.

- July 25- August 5 (9:00 am- 3:30 pm)

Humanities: QCSIHSS will bring students in contact with world-class faculty and facilities at Queens College, and with professional writers, performance artists, filmmakers, and musicians. Participants will be exposed to the academic rigors of a college credit course, have a chance to acquire college-level writing and study skills, build their confidence in participating in academic discourse and learn about college life.

- July 5- August 15 (10:00 am to 3:00 pm)
- Must have 80+ on ELA Regents **OR** 500+ on Critical Reading SAT, **AND** GPA 85 or above

- Free College Credit

Insideschools Free Programs

New York City offers children and teens a wide range of after-school and summer activities--from paid museum internships to free science research programs. The free and low cost programs [listed here](#) are a great way to explore new interests, get extra support, and supplement what is being taught during the school day.

NYC Service nyc.gov/service

Volunteering opportunities that are good for you and for your city.

[Click here for more opportunities](#)



Apply Now to attend Exciting Science and STEM Enrichment Programs during Spring Break!

Deadline to apply is Friday, March 11, 2016

Elementary and Middle School

Emerging Scientists at the Queens Zoo

Open to students in Grades 4, 5, and 6

Monday, April 25-Friday, April 29, 2016

Camp begins at 9:00 AM and ends at 3:00 PM every day

Join us during Spring Break to explore the Queens Zoo and learn science, technology, engineering, and math through animal behaviors, exhibits, and nutrition. Each day campers will be immersed in a variety of hands-on learning experiences. All activities encourage campers to be creative, work collaboratively, share ideas, and gain an appreciation of animals in the zoo.

Click [here](#) for more information and to apply.

NYC Aerospace Camp at the NYC Center for Space Science Education

Open to students in Grades 5, 6, 7, and 8

Monday, April 25-Friday, April 29, 2016

Camp begins at 9:00 AM and ends at 3:00 PM every day

During NYC Aerospace Camp, campers train as pilots using flight simulators in our NASA Aerospace Education Lab, build and program Mars rovers with EV3 LEGO robots, design, construct, and launch rockets, participate in activities that simulate astronaut training, learn about the history of space exploration, and more! This week-long camp is packed with hands-on excitement and activities preparing students for their ultimate mission: a simulated space adventure!

Click [here](#) for more information and to apply.

Middle School

Marine Career Exploration Camp at the New York Aquarium

Open to students in Grades 6, 7, and 8

Monday, April 25-Friday, April 29, 2016

Camp begins at 9:30 AM and ends at 3:30 PM every day

Middle-school students interested in learning about careers in marine biology, animal care, and jobs at living institutions like the New York Aquarium should join us at Marine Career Exploration Camp. During Spring Break, campers will engage in science activities related to daily career themes, and meet with professionals who help run and operate the Aquarium. This week-long exploration culminates in a special session where campers will present their work to families and friends.

Click [here](#) for more information and to apply.

High School

DNA Science Camp at the Harlem DNA Lab

Open to students in Grades 9, 10, 11, and 12 who have successfully completed Living Environment

Monday, April 25 to Friday, April 29, 2016

Camp begins at 9:00 AM and ends at 4:00 PM Monday-Thursday; 9:00 AM to 2:00 PM Friday

Interested in molecular genetics and modern biotechnology? Wish you had more time in the lab at school? Want to learn more about DNA? Apply now to attend DNA Science Camp at the Harlem DNA Lab during Spring Break! DNA Science Camp provides extensive lab experience with the basic techniques of

recombinant DNA, including DNA restriction and ligation, bacterial transformation, and plasmid isolation. Campers will perform the entire lab sequence from the popular *DNA Science* text and will receive their own copy of the text to keep. Students in grades 9, 10, 11, and 12 who successfully completed Living Environment are eligible to apply.

Click [here](#) for more information and to apply.

[Camp Coding Space](#) is accepting applications to their Summer Camp program for students ages 9-15 years old.

Click [here](#) to complete the [application online](#).



We are pleased to announce the return of the [Thurgood Marshall Summer Law Internship Program \(TMSLI\) for summer 2016](#). TMSLI is an intensive program which places high-achieving inner-city high school students with legal employers for the summer, and provides them with additional programming before, during, and after the summer designed to help them prepare for a legal career.

Open to:

- High school juniors and seniors (age 16+)
- Students enrolled in the Law & Justice Program at their school or have a demonstrated interest in the law

[Click here for the application](#). The deadline to apply is Friday, March 18.

If you have any questions please feel free to reach out to Monica Parks from the NYC Bar Association at 212-382-6772.



Student volunteers interested in assisting seniors in our community by shoveling snow off their property, complete [application here](#).



[The Coding Space](#), a select after-school program for students 8-17 to learn computer science and coding while developing critical thinking and problem solving skills.

Scholarship applications are available [here](#).

If you have any questions about this program, please contact [267-614-3775](tel:267-614-3775).



The Sonia and Celina Sotomayor Judicial High School Internship Program's mission is to encourage diverse high school students from disadvantaged communities to pursue careers in the law.

High School students from underserved communities will be exposed to careers in the law through judicial internships in state and federal courts, educational workshops, and mentorship. Specifically, high school students will be paired with a state or federal judge for four (4) weeks over the summer. [Click here to apply](#).

Deadline for High School Student Applications: March 18, 2016

Mandatory Orientation for Accepted Students: May 21, 2016

For more information, you can visit the website [here](#).



The Girls Who Code Summer Immersion Program is a 7-week computer science course that embeds classrooms in technology companies and universities. Students learn the fundamentals of computer science - from robotics to how to build a webpage - while gaining exposure to the tech industry and mentorship from women working in technology. The application for our Summer 2016 Programs will open on January 19, 2016.

Key programmatic components of the Girls Who Code Immersion Program include:

- **Skills** – Seven weeks of intensive instruction in computer science, robotics, algorithms, web design, and mobile development
- **Exposure** – Speakers, demos, workshops, and presentations from female engineers and entrepreneurs; field trips to technology companies, startups, academic institutions and more
- **Mentorship** – Top female executives, entrepreneurs and engineers provide career and academic mentorship

To learn more about the **Summer Immersion Program**:

[Sign Up Here](#)

Additional High School Internships & Scholarships opportunities:

High School Internships

[The Ranger Conservation Corps](#) (RCC) is an urban environmental internship for high school students. RCC participants work on environmental restoration in Forever Wild sites located in our flagship parks. There are two RCC sessions each year (fall and spring), and each session lasts a total of 10 weeks. The program is offered every school day afternoon from 4-6 p.m. Students attend one day a week. There are openings for 900 students each year. RCC participants receive community service hours, and the experience looks great on a college application. They also go on exciting field trips, such as trips on the Clearwater Sloop.

[The Summer Youth Employment Program](#) (SYEP) provides New York City youth between the ages of 14 and 24 with summer employment and educational opportunities. In 2009 DYCD enrolled 52,255 participants and placed them at 8,688 worksites. Participants work in a variety of entry-level jobs at government agencies, hospitals, summer camps, nonprofits, small businesses, law firms, museums, sports enterprises, and retail organizations.

[NYC Ladders for Leaders](#) is an innovative program that offers high school and college students the opportunity to participate in summer internships with some of the most dynamic corporations and businesses in New York City. Participants receive pre-employment training before starting their seven-week summer internships, and also attend regular workshops throughout the summer that focus on

work readiness, college orientation, health, and leadership development. NYC Ladders for Leaders is a partnership between DYCD and the Commission on Women's Issues.

[The Saltz Internship Program](#) is based on the Museum's Saltz Expedition Centers--interactive centers that bring to life the scientific concepts of the Museum's Halls. Key to the success of these Centers is a corps of talented and engaging interns who encourage visitors to "think like scientists."

Interns use hands-on interactives and technologies, such as an infrared camera and digital USB microscopes, to guide visitors of all ages in investigations of artifacts and specimens. In the Hall of Ocean Life, visitors might examine a piece of baleen, use microscopes to observe live plankton, or conduct experiments to understand how swim bladders allow fish to control their depth in the water. Lasers, telescopes and UV sensitive materials are just a few of the tools that help visitors understand some properties of light and other principles of astrophysics in the Hall of the Universe.

Working with the Saltz Expedition Centers is a great opportunity for high school students to meet Museum scientists, explore scientific content, learn valuable skills for working with and teaching learners of all ages, and have an impact on the experiences of thousands of Museum visitors.

[The Science Research Mentoring Program](#) is a free two-year program open to any New York City high school student, entering the tenth or eleventh grade.

Students are linked to research mentors who are museum scientists and educators working in the fields of anthropology, evolution, biodiversity, genetics and conservation biology. Students receive in-depth training and support that enables them to take part in scientific research conducted at the Museum. The focus is on students from groups traditionally underrepresented in science - women, minorities, and person with disabilities, or who have lacked opportunities to pursue their scientific interests because of limited access to the mentors and facilities.

This program is designed to expose high school students to different careers in the biological sciences and anthropology, with an emphasis on scientific research, in order to prepare them and make them stronger candidates for college science programs.

[Research at the Biological Field Station](#) (BFS) is sponsored by the local community, various governmental and private agencies and the BFS itself. Most of the work is used in decision making regarding the management and protection of our local resources. Research teams made up of faculty, staff, selected graduate and undergraduate college students, and high school students focus on specific areas of concern such as water quality monitoring, fisheries management, biological control studies and surveys. College-level internships require 10 weeks (five days each week) of effort. High School internships last 9 weeks - also five days per week. Students participating in each internship are responsible for organizing and executing a module of work which may require the support of other team members to be summarized in a full report, which will be published in the BFS Annual Report.

[The Bronx Westchester Area Health Education Center IZBW-AHECIZ](#) is committed to improving the health and health care outcomes of underserved communities in the Bronx and Westchester through

the recruitment, retention and enrichment of the healthcare workforce. One of our main recruitment programs is the Summer Health Internship Program. The Internship allows students aspiring toward a career in the health professions the opportunity to work in a health care setting and interact regularly with health professionals.

[The Research Internship Program](#) provides a great opportunity for high school students to tackle research problems in a college setting. Interns work in teams on applied research projects under the constant guidance of Cooper Union undergraduate teaching assistants. Each project is supervised and mentored by Cooper Union faculty and covers fields such as civil, chemical, electrical, mechanical, biomedical and environmental engineering; mathematics, chemistry, physics and astronomy.

[Hofstra University's Summer Science Research Program](#) offers high school students opportunities in science research under the guidance of professionals in science and mathematics. For more than ten years, HUSSRP has provided selected research-oriented high school students the opportunity to work with our science faculty during the summer in an on campus research program. The program runs from early July through mid August 2016 culminating in a science "poster session" in early Fall where students display the work they performed during the summer. The poster session is open to all students in the program and their teachers. Students will be selected for this program on the basis of their high school science experience, a personal interview and, above all, the high school teacher's recommendation.

Science teachers interested in the program are encouraged to come tour our facilities and meet the participating research professors from Hofstra's faculty. Please call the Hofstra Geology, Environment and Sustainability Department at (516) 463-5564 or e-mail Gail Bennington at gail.k.bennington@hofstra.edu to respond to this invitation.

[The Manhattan-Staten Island Area Health Education Center \(MSI-AHEC\) Summer Health Internship Program \(SHIP\)](#) is an intensive, six-week opportunity for high school and college students. This program exposes students to a variety of careers in the health fields as well as to health issues affecting their communities. The SHIP allows participants to interact regularly with health care professionals. Students who successfully complete the MSI AHEC SHIP will emerge with newfound connections, job readiness skills, and insight into the world of health care.

[Click here for the SHIP 2016 Online Application](#)

Application Deadline: March 17, 2016

[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; Research Triangle Park, NC; Phoenix, AZ; Hamilton, MT; Framingham, MA; and Detroit, MI.

Application Deadline: March 1, 2016

[National Science Resources Center Internship Program](#)

[SEAP: Science & Engineering Apprenticeship Program](#)

The apprentice program is designed to encourage students to pursue science and engineering careers; acquaint qualified high school students with the activities of Department of Defense (DoD) laboratories through summer science and engineering research experiences; to provide students with opportunities in and exposure to scientific and engineering practice and personnel not available in their school environment; to expose those students to DoD research and engineering activities and goals in a way that encourages a positive image and supportive attitude toward our defense community; and to prepare these students to serve as positive role models for their peers by encouraging other high school students to take more science and math courses. SEAP places academically talented high school students with interest and ability in science and mathematics as apprentices in DoD 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.

[The Rockefeller University Summer Science Research Program](#)

High school students and K-12 teachers who have been accepted through our competitive application process will begin this summer on an adventure to attempt to discover new knowledge through a method of teaching and learning that is as old as medieval guilds and remains the method of choice for graduate training. Apprenticed to a mentor, you will learn the content, process, culture and ethos of modern scientific research through total immersion in the process of scientific inquiry. The inquiry process will guide you as you research areas where no one knows the answers - neither your mentor nor your lab head.

[Stony Brook University: Simons Summer Research Program](#)

The Simons Summer Research Program gives academically talented, motivated high school students who are between their junior & senior years the opportunity to engage in hands-on research in science, math or engineering at Stony Brook University. Simons Fellows work with distinguished faculty mentors, learn laboratory techniques and tools, become part of active research teams, and experience life at a research university

[Roswell Park Cancer Institute: Summer Research Experience Programs in Cancer Science](#)

Roswell Park Cancer Institute (RPCI) offers summer research experiences to students at different levels of their academic development. During a typical summer, 25 high school students participate in programs designed to give them an opportunity to learn and become active participants in cancer research. This is a competitive program designed for talented high school students throughout the USA. Admitted students must be present for the entire 7-week program.

[New York City Science and Engineering Fair](#)

The New York City Science and Engineering Fair (NYCSEF) and College Now Summer Research Program is an eight -week summer research internship program for high school students. The goal of the program is to give rising high school juniors an introduction to scientific research under the guidance of CUNY research faculty and enhance in scientific reading, writing and communication. This summer program is sponsored by CUNY College Now, the Office of the Chancellor, and the Office of the Vice Chancellor for Research.

[Wave Hill Internship Programs](#)

Wave Hill and Lehman College collaborate to provide a summer job opportunity combined with academic studies in Basic Mapping Science, including Geographic Information Systems (GIS). Wave Hill's Forest Project offers site visits to environmentally significant locations and oversees small work crews to prune or clear excess vegetation, plant native species, fortify hillsides, and repair woodland trails to prevent erosion along the Hudson River. Lehman College's Department of Environmental, Geographic and Geological Sciences offers laboratory sessions and lectures by graduate students for three college credits, tuition-free.

[MET Internship Opportunities](#)

The Metropolitan Museum of Art offers an internship program that allows high school seniors with an interest and/or background in art and art history to participate in projects and programs designed to broaden an understanding of the Museum and deepen knowledge of art, meet members of the Museum staff, and work behind the scenes. Interns meet for six weeks, Monday through Friday, during the months of July and August. An application process is required. Interns participating in this program will receive a stipend. *Please note that space in this program is limited.*

[Cogito.org Internships and Summer Programs](#)

This program (scroll down to find it) introduces high school and undergraduate students from underrepresented groups (including Asian/Pacific Islanders) to drug abuse research through research placements with NIDA grantees. Students work with the grantees for 8-10 weeks. The experience may include formal courses, participation in meetings, data collection activities, data analysis, laboratory experiments, manuscript preparation and library research. The program exposes students to drug abuse research and encourages them to pursue careers in biomedical and behavioral research.

[FBI Honors Internship Program](#)

The New York Office Volunteer Internship Program (VIP) offers high school, undergraduate students who reside or attend a school within the Metropolitan New York City or New Jersey area; an exciting insider's view of FBI operations and provides an opportunity to explore the many career opportunities within the Bureau. The NY VIP brings students to work at the FBI New York Field Office located in lower Manhattan in New York City. The internship usually begins on the first Monday in June and ends on the third Friday in August. FBI Volunteer Interns can look forward to ten (10) extremely rewarding and interesting weeks. You will be working side-by-side with Special Agents and Professional Staff personnel

on important cases and management issues. You will feel like you are part of the Bureau... because you are.

[United Nations Internship Opportunities](#)

United Nations Association of the United States of America (UNA-USA), New York UNA-USA awards a variety of part-time and full-time internships to highly motivated high school, undergraduate and graduate students. Interns must possess a strong interest in international affairs, good writing and research skills, and formidable knowledge of the United Nations and other multilateral institutions.

Scholarship Opportunities

[High School Scholarships](#)- A source for high school students in all grades to find scholarships. Website lists scholarships that can be found by going through the link and searching for scholarships on individual websites.

[Scholarships 4 Students](#)- A source for scholarships for high school students. Website also lists other scholarships in different fields.

[The Scholarship Workshop](#) -The following awards and scholarships are general. They can be used for most majors and career fields and a variety of students are eligible to apply for them.

[Free 4U The National Database of Scholarships](#) - List of various scholarships designated for high school students.

[Wendy's High School Heisman Program](#) - The Wendy's High School Heisman Program recognizes the nation's most esteemed high school senior men and women for excellence in academics, athletics & leadership.

[Army ROTC Scholarship](#) - ROTC - The high school Four-Year Scholarship is for high school students planning on attending a four-year college program

[Imagine America Foundation](#) - Are you a high school student trying to find money to pay for your career college education? Are you planning to attend any of over 500 participating career colleges across the country? The *Imagine America* high school scholarship program can help.

[APIASF](#) - Asian and Pacific Islander American Scholarship Fund. Scholarship is open to high school seniors entering their first year of college.

[Hispanic Scholarship Fund](#) - directory of scholarships designated for Latino students. Hispanic College Fund Scholars Program- scholarships available for Hispanic students broken down by major

[The Society of American Travel Writers \(SATW\)](#), a non- profit organization that promotes responsible journalism and encourages the conservation and preservation of travel resources worldwide, is offering a scholarship to encourage teens to share their travel experiences in words and images.

[New York Women in Communications Foundation](#) awards scholarships to graduating high school seniors and undergraduate and graduate students who intend to pursue or further a career in communications. Scholarships are awarded on the basis of academic excellence, need, and a demonstrated commitment to the field of communications.

[Black Excel](#) -list of scholarships available for minorities.

[NYS Scholarships for Academic Excellence](#) - provide up to \$1,500 per year for up to five years of undergraduate study in New York State.

[Hispanic Latino Scholarships](#), fellowships, internships and grants for high school students, graduating high school seniors, and students in college and graduate school

[Ronald McDonald House Charities Scholarships](#) - to students in financial need who have demonstrated academic achievement and community involvement.

High school and College Prep

[A Better Chance](#) (ABC) places top middle and high school students of color in highly ranked independent day schools, boarding schools, and public schools. Students with at least a B+ average who are ranked in the top 10 percent of their class are eligible. Candidates must apply one year in advance.

[Breakthrough New York](#) at the Town School is a tuition-free, year-round enrichment program for highly-motivated middle school students with limited educational opportunities. There is a two-year commitment, including a rigorous academic summer program and enrichment classes, museum trips, mentoring, and high school placement guidance throughout the school year.

[The Center for Leadership and College Preparation](#), affiliated with the Bank Street College of Education, offers educational opportunities both to high achieving students and to struggling students. The program serves kids in 5th through 12th grades, giving them access to a wide range of academic resources, college prep classes, counseling, mentoring, and activities, as well as individual attention and support. Students are admitted in the 5th, 7th and 9th grades.

[The Development School for Youth](#) introduces students to the worlds of finance, culture, communications and other leading industries through a series of 16 weekly workshops led by senior executives from some of New York City's leading corporations and law firms. Students, who must be at least 16, also learn public speaking, how to dress for success, and how to write a resume. All students who graduate from the program are placed in paid summer internships provided by sponsoring companies.

[The Double Discovery Center at Columbia University](#) houses two educational programs serving low-income and first generation college-bound students: Talent Search, is a career and college counseling program for students in 7th through 12th grade, and Upward Bound, is an intensive, year-round college preparatory program for high school students who have been underperforming. New applicants to Upward Bound must be in the 9th or 10th grade.

[Harlem Education Activities Fund](#) (HEAF) offers intensive academic enrichment courses, test preparation and social and personal development activities for students after school, on Saturdays, and during the summer. The goal is to assist college-bound students from educationally and/or economically disadvantaged communities in developing intellectual and life skills. Programs are specific to middle school and high school aged students.

[Monroe College Jumpstart](#) allows high school juniors and seniors to earn three college credits for free. In a 15- week course, the students study with professors in a college setting and earn credits. Courses are offered in accounting, business, criminal justice, culinary arts, allied health professions, hotel and restaurant management, marketing, web design, and information technology. Students who complete the program are eligible for freshman scholarships if they choose to matriculate to Monroe for college, and the credits are transferable for students who go elsewhere.

[The Oliver Scholars Program](#) selects highly motivated African American and Latino seventh graders and offers them support and guidance to gain admission to some of the Northeast's best independent schools. Support continues through the college admissions process.

[The Posse Foundation](#) identifies, recruits, and trains student leaders from public high schools to form multicultural teams called "posses." These teams are then prepared, through an eight-month pre-collegiate training program, for enrollment at top-tier universities and colleges nationwide. The Posse Program has placed 1,850 students into colleges and universities during the past two decades.

[Prep for Prep](#), a non-profit group, helps high-achieving minority students attend top colleges, including Ivy League schools. There are programs for 5th, 6th, and 7th grade black, Latino, and Asian students. The program includes a seven-week summer session and weekly Wednesday and Saturday classes.

[REACHPrep](#) recruits academically talented black and Latino 4th grade students from the Bronx (and Westchester and Fairfield Counties) and prepares them for 5th and 6th grade admissions to competitive college preparatory independent schools in New York and Connecticut. Their goal is to comprehensively support students who want to be the first in their family to graduate from college. Only 20 students are admitted each year.

[Summer on the Hill at Horace Mann](#) is an enrichment program for academically talented public school students from lower socioeconomic backgrounds. Students start in the second grade and continue until placed in high school, participating in Saturday morning classes during the school year and a six-week summer session. They study language arts, math, and science and learn study skills. Summer programs include fine arts, recreation and an overnight trip to the John Dorr Nature Laboratory in Connecticut. Summer on the Hill continues to offer support through 12th grade.

[Sponsors for Educational Opportunity](#) (SEO) works with motivated youth to help them develop throughout high school, college and their careers. The organization provides services through three major programs: the Career Program, the Scholars Program, and Alumni and Philanthropy Programs.

[Teak Fellows](#) supports students seeking to gain admissions to top high schools and colleges. Students who are citizens or permanent residents, have proof of financial need, and have scored above 90 percent on tests and in class may apply by October of their 7th grade year. The program runs from the summer after 7th grade until college placement. Only 25 students are accepted each year.

[United Neighborhood Houses](#) has a complete list of neighborhood houses and community centers in New York City, many of which offer college counseling.

Arts

[Alliance for Young Artists & Writers](#) and its regional affiliates reach out to schools across the nation to identify accomplished artists and writers in grades 7 through 12. About 1000 students earn national awards, including more than \$1.5 million dollars in scholarships. Student work is exhibited, published and presented to a national audience.

[All Stars Project](#), Inc runs two 16-week programs for older students interested in leadership roles in the arts. Youth on Stage offers opportunities for students to create and perform in plays. The Production of Youth by Youth, also 16-weeks, shows students the world of producing culture through theater, television, museum, and other cultural events. There are behind the scenes visits and lectures, and a culminating project that produces a cultural forum and unpaid summer internships.

[Cool Culture](#) provides families who fall under federal poverty guidelines with a Family Pass, that provides free entry to more than 71 museums, botanical gardens, and zoos, and a subscription to Family Time, a quarterly borough-by-borough listing of cultural attractions, as well as a calendar of events geared toward families and young children.

[Cooper-Hewitt's Lehman Scholars](#) program for high school students in 11th and 12th grades introduces students to the fundamentals of design through hands on workshops and internships with design professionals. The program includes portfolio reviews, studio visits, and college visits to local and out-of-state schools. Juniors receive a stipend of \$750 and seniors receive a stipend of \$1,500.

[The CUNY Creative Arts Team](#) (CAT) Youth Theatre creates original productions from the ideas of its young members. They aim to amplify the collective voice of the group while creating social and culturally relevant theatre of the highest possible standard.

[Eyebeam Art and Technology Center](#) offers a drop-in workshops for teens 13-18, every Thursday, featuring video production, audio mixing and editing and video game design. Reservations are recommended but not required.

[Free Arts NYC](#) uses painting, dance, drama, writing, music, sculpture, photography, and other creative outlets to help children express themselves and gain confidence and self-esteem through Free Arts Days, Weekly Mentor Program, Parents and Children Together with Art (PACT), and Cultural Enrichment Opportunities.

[High Five](#) is dedicated to making the arts affordable for teens by offering \$5 tickets to hundreds of dance, music, theater, film, museum, and spoken word events. Its Teen Reviewers and Critics Program (TRaC) includes weekly seminars and attendance at performances where kids learn how to evaluate and write about what they see.

[Manhattan School of Music Summer Camp](#) is free to New York City public school students completing 5th, 6th, 7th, and 8th grade who demonstrate musical potential. The camp is a joint project with the New York City Department of Education.

[The Metropolitan Museum of Art](#) offers students a program of free classes held after school and on weekends. Both middle school and high school students study original works of art with museum instructors. Seniors attending New York City high schools may apply for a paid Saturday internship. Interns work behind the scenes, meet members of the museum staff, and participate in gallery, studio, and museum learning projects.

[MoMA](#) (the Museum of Modern Art) offers several programs for high schools students: MoMA After School encourages high school students' active engagement with works of modern and contemporary art. Students participate in studio projects, conversations, and debates with peers and museum staff, while learning about careers and practices within the visual arts. All programs are free, and MoMA provides the supplies and materials. In the Making: Summer at MoMA is a six week summer art-making program for high school students. Students participate in studio activities as well as conversations with artists and MoMA staff, field trips special tours of the museum's collection, writing exercises, and art instruction by MoMA educators.

Student artwork is shown in a small culminating exhibit. Tenth through 12th graders may apply, and there is no need for previous art experience. The MoMA high school summer internship is a six-week paid program that exposes high school students to museum work and practical job skills. In addition to their work in a museum department, students attend lectures by museum staff and visit other arts organizations. There is limited space, with preference to students who have prior museum or administrative experience. Open to students of New York City public high schools who will be entering eleventh or twelfth grade in fall or who have recently graduated.

[New York Pops Orchestra](#) gives free Saturday music lessons to talented students. In addition, the orchestra invites students to its rehearsals at Carnegie Hall and offers an opportunity for students to speak with the conductor and musicians.

[NYC Kids Arts](#), sponsored by the Alliance for the Arts, lists arts and cultural activities available to kids and families, including many neighborhood institutions, after school activities and more.

[The Summer Arts Institute](#) is a tuition-free, intensive, four-week arts program for New York City public school students entering 8th-12th grade held at Stuyvesant High School in Manhattan. Students major in dance, theater, vocal music, instrumental music, visual art, film, or photography. Admission is by application and audition.

[Urban Word](#) provides free and uncensored writing and performance opportunities to youth in all five boroughs of New York City. The workshops are designed to develop critical thinking skills, leadership, and to ignite a personal commitment to growth and learning which leads to heightened in-school performance and a greater interest in pursuing higher education.

Math/Science

[The American Museum for Natural History](#) offers more than 40 free after-school courses for high school students. Topics range from space exploration to the microscopic world of DNA and include classes in biodiversity, earth science, anthropology, genetics, and astronomy. Each course lasts for a five-week session and classes, which are held once or twice a week, usually include a field trip. The museum also offers scholarships and other programs for New York City students.

[The Columbia University Science Honors Program](#) (SHP) is a highly selective program for high school students with exceptional talent in math and science. Acceptance is based upon recommendations, grades, and a three-hour examination. Students attend Saturday morning classes at Columbia throughout the academic year. Instructors are math and science researchers at the university.

[Cooper Union Research Internship](#) allows high school sophomores and juniors to work in teams on applied research projects guided by Cooper Union undergraduate teaching assistants and mentored by faculty. The program covers civil, chemical, electrical, mechanical, biomedical, and environmental engineering and mathematics, chemistry, physics, and astronomy. There are lectures, discussions and a series of workshops on oral presentations, technical writing, career choices, and college admissions. Each group presents its work to an invited audience. Sophomores may also elect to participate in a second internship at the end of their junior year.

[ExploraVision](#) encourages kids to create and explore a vision of future technology. Students work in small groups simulating research and development teams, along with a team coach and an optional mentor. Students compete in regional competitions and the top 24 teams go to a national competition. Prizes include up to \$10,000 in savings bonds.

[Goddard Summer Institute of Robotics](#) (SIR), for 9th to 12th grade high school students, is a two-week residential program at Morgan State University in Baltimore and is hosted in conjunction with NASA. SIR explores the science and technology of robot design and operation and is for urban high school students with an interest in careers in science, technology, engineering, and mathematics

[Goddard Space Flight Center High School Internships](#) offer a variety of opportunities for high school students, including recent graduates, at NASA Goddard Space Flight Center in Maryland or at their other locations, including the New York City Research Initiative.

[Health Professions Recruitment and Exposure Program](#) (HPREP) at Weill Cornell Medical College exposes high school sophomores and juniors to science-related activities. HPREP also teaches students about specific career fields and the steps needed to become a physician or other health care provider. The ten-week program for 10th and 11th grade high school students features lectures by physicians, health care

professionals, and medical students from minority groups and small group workshops. Participants are also required to submit a short research paper on a pre-approved subject at the conclusion of the program.

[The High School Student Internship Program at Cornell University](#) immerses rising high school juniors and seniors in the new field of nanobiotechnology through a four-week summer experience on the Cornell campus in upstate New York. Students actively participate in designing and fabricating devices through teamwork with other high school students and college students. Accepted students will receive room, board and travel expenses up to \$500.

[Math and Science for Minority Students \(MS\)2](#) is a summer program in Andover, MA at the Phillips Academy preparatory school. Open to black, Latino and Native American students from economically disadvantaged backgrounds, the (MS)2 program spans three consecutive summers. Students apply in 9th grade and begin the program the following summer. The program helps put students on track for possible careers in engineering, science, medicine, computer technology and other technical fields.

[MITES \(Minority Introduction to Engineering, Entrepreneurship, and Science\)](#) is a rigorous six-week residential, academic enrichment summer program at Massachusetts Institute of Technology (MIT) for promising high school juniors. This program stresses the value of pursuing advanced technical degrees and careers. Members of all races and ethnicities are considered but priority is given to students who must overcome significant odds to pursue their dream of becoming an engineer or scientist.

[NASA PREP](#), a six-week program held at Capitol College in Maryland, is designed to strengthen the academic, study, and interpersonal skills of minority students interested in astronautical engineering, computer engineering, computer science, electrical engineering or software engineering. The program includes field trips to the NASA Goddard Space Flight Center and cultural trips to Baltimore and Washington, DC. Admission is limited to eight high school juniors and seniors, with preference to graduating seniors. Applicants must be U.S. citizens, have completed two years of algebra, one year of trigonometry and three years of a laboratory science, have a cumulative GPA of 2.8 and at least a 500 in the math section of the SAT. Students who complete the program may qualify for a scholarship to Capitol College.

[New York Hall of Science in Queens](#) offers free admission September through June on Fridays from 2-5 pm and Sundays from 10-11 am.

[The New York City Science and Engineering Fair \(NYCSEF\)](#) is the city's largest high school research competition. Each year, more than 1,000 high school students from New York City present their research projects to a panel of judges and compete for a variety of prizes. The NYCSEF is an Intel International Science and Engineering Fair-affiliated regional fair.

[Science and Technology Entry Program \(STEP\)](#) is a Saturday Discovery program that helps 9th to 12th graders in math, science, and technology. Students explore math, science and technology careers; visit college campuses; and prepare and present reports of scientific explorations. Many colleges and universities throughout the city and state host a STEP program, often with their own particular area of

focus, and students apply separately to each program. STEP is funded by the New York State Department of Education, and parents are expected to attend at least four meetings during the year and are welcome to attend trips. The program begins in October and ends in May.

Essay Contests

[Alliance for Young Artists & Writers](#) and its regional affiliates reach out to schools across the nation to identify accomplished artists and writers in grades 7 through 12. About 1000 students earn national awards, including more than \$1.5 million dollars in scholarships. Student work is exhibited, published and presented to a national audience.

[Creative Communication](#) sponsors essay and poetry writing contests for students in grades 4-12. Students compete against their peers in both age and location and winners share over \$70,000 in prizes. Selected entries are published in a hard-bound anthology.

[The John F. Kennedy Profile in Courage Essay Contest](#) looks for original essays written by high school students about an elected official who has demonstrated political courage by choosing to do what is right rather than what is expedient. Winning essayists receive awards totaling up to \$8,500. The first-place winner is invited to accept the award at the John F. Kennedy Presidential Library and Museum in Boston. To encourage student leadership and civic engagement, the nominating teacher of the first-place winner receives a John F. Kennedy Public Service Grant for \$500.

[The National Peace Essay Contest](#) promotes serious discussion among high school students, teachers, and national leaders about international peace and conflict resolution. Contest topics range from national to international conflicts. College scholarship awards of \$1,000 are granted to a winner in each state and the writers of the top three essays nationally will receive scholarships of \$10,000, \$5,000 and \$2,500 respectively. All state winners are invited to an all-expenses paid trip to Washington D.C. for the awards ceremony.

[The United Nations of the USA National High School Essay Contest](#) solicits essays from high school students on a different topic each year related to the international work of the United Nations. Students research the topic, form their own views and opinions and write an essay in response to the question. First prize is a \$3,000 award and airfare and accommodations to the awards ceremony at the United Nations headquarters.

History, Politics, and Journalism

[Children's Press Line](#) produces journalistic stories created by students ages 8 to 18. Students act as a reporters and editors and learn to conduct research, interview, and edit.

[The Educational Video Center](#) offers several documentary film programs for New York City public high school students. These projects are academically rigorous and socially relevant, geared to impact not just the students but also their communities.

[HarlemLive](#) is award winning, critically acclaimed web magazine produced by teens from throughout New York City. It is a journalism, technology, and leadership program that teaches students ages 13 to 21 how to run an online newspaper. The publication includes news articles, investigative stories, opinion pieces, personal essays, poetry, photography and video documentaries. The students organize events, conduct workshops and sit on panels, increasing their networking and public speaking abilities.

[Model New York City Council](#) gives high school students the opportunity to step into the shoes of a New York City Councilperson and experience city government from the inside. During four intensive Saturday sessions, CUNY faculty mentors will guide students through the ins and outs of political representation, the legislative process and what it means to be an active member of city government. The students then put their knowledge and experience to use as they debate and vote on a piece of legislation during a "stated meeting" in the Council's actual chambers in City Hall. This is a College Now program, so students must first apply to College Now.

[The North American Computational Linguistics Olympiad](#) (NACLO) is modeled after similar Linguistics Olympiads held in Eastern Europe. In these events middle school and high school age students learn to solve linguistic problems from dozens of the world's languages. In solving the problems, students learn about the richness and diversity of language, while exercising natural logic and reasoning skills. No prior knowledge of particular languages or of linguistics is necessary.

[Schomburg Center's Junior Scholars Program](#) for ages 11-17 offers a Saturday school geared toward students of African descent. Its primary goal is to ground young people in the histories and cultures of the African Diaspora. The program is an intensive, 26-week series of Saturday sessions, from 10 a.m. to 3 p.m. Junior Scholars have access to resources at the Schomburg Center for Research in Black Culture. For applications or more information contact Deirdre Hollman at (212) 491-2234.

[Teens Take the City](#) is a program of the YMCA of Greater New York through which 500 teens from all backgrounds get involved in local government, civics, and politics. The program is partly supported by the New York City Council, and each council member can nominate five students to participate.

[The United Nations Association of the United States](#) offers part and full-time internships. Interns must have a strong interest in international affairs, good writing and research skills, and extensive knowledge of the United Nations and other multilateral institutions. Interns are often able to attend various United Nations meetings, briefings, and special events.

[The Collectors Club of New York](#) sponsors a free Youth Stamp Club with monthly meetings for kids in grades 4 and up. The program welcomes experienced stamp collectors and introduces beginners to a hobby that also teaches about history, geography, famous people and events. Sessions are held Saturdays from 10-11:30.

Homework Help

[The Boy's Club of New York](#) charges boys ages 6 to 20 less than a dollar a year to participate in computer classes, attend summer camp, get homework help, and receive dental services(!). The club has three locations: one in Flushing (Queens) and two in Manhattan.

[HomeworkNYC.org](#) is a website run by the public libraries. The site is designed specifically to help students in grades K-12th in every area of the New York City school curriculum and offers live, online assistance.

Students and parents can also search for information on a variety of topics. The library site is also affiliated with the teacher's union Dial-A-Teacher, a helpline that allows students and parents to be able to talk directly with a city teacher Monday through Thursday from 4 to 7 pm: (212) 777-3380.

[The Liberty Leaders program at Bank Street College](#) provides support to 5th to 12th graders six days a week for 11 months. Students have access to a wide range of academic resources, college prep classes, counseling, and enrichment activities.

Environmental Studies

[The Garden Apprentice Program at Brooklyn Botanic Garden](#) provides students in grades 8 through 12 with training and volunteer placements focused on gardening, environmental issues, science, leadership, and career skills. Apprentices become an important part of the garden's education department.

[The New York Botanical Garden's Explainer Program](#) accepts middle and high school students between the ages of 13 and 17 who want to learn about plants, nature, and science and who enjoy the outdoors. The program offers the opportunity to learn about plants, develop new skills, and receive personal mentoring.

Explainers also help younger children who visit the Everett Children's Adventure Garden.

[MillionTreesNYC](#): Students and families can participate in citywide volunteer tree planting and tree care workshops. The program is a public-private initiative launched by the City of New York Parks Department and New York Restoration Project with the goal of planting one million new trees across all five boroughs over the next decade.

[Nordstrom Scholarship Program](#) – Since 1993, Nordstrom has awarded college scholarships to hard-working high school students from across the country. Annually, we award 40 scholarships of \$10,000. These scholarships are paid out in equal installments of \$2,500 over four years to the college of the student's choice.



Learn How To Code

Apply to participate in the CodeNow Programming Fundamentals Workshop

Workshop: April 2, 3 & 16

Time: 9am-4pm

[Apply here.](#)

Application Deadline: Wednesday, March 16



Let MoMA inspire you. Create art, go behind the scenes at MoMA, watch films, meet artists, and connect with other teens. All for free.

[Sign Up Here](#)

Applications due January 8, 2016



Saltz Internship Program: Spring 2016

APPLICATION DEADLINE: 11:59pm. Sunday, January 3rd

Eligibility and Requirements

NYC high school students who are 16-18 years old are eligible to apply. Applicants must live or attend school within the five boroughs.

Strong preference will be given to students who have taken at least two AMNH high school After School Program courses. Students who have not met this preference are encouraged to apply.

More information about the Saltz Internship Program, including a link to the Spring 2016 application, can be found on our website: <http://amnh.org/education/saltz> and www.amnh.org/saltz



Middle and high school students in NYC public schools are invited to participate in the

[Games for Change Student Challenge](#), a digital game design challenge hosted in collaboration with the NYC Department of Education.

Students can apply their coding skills and passion for games to real-world issues they care about!

Prizes include paid internships, mentorships with game developers, and more.

Games must address one of the five [Challenge Themes](#):

- Animal Welfare (sponsored by A Kinder World Foundation)
- Smart Cities (Mayor's Office of Technology & Innovation)
- Civic Journalism (The New York Times)
- Literacy (Global Literacy XPRIZE)
- Youth Justice (ACLU)

Students can work individually or in a team of up to four, and can use content provided by Theme partners to learn about the issue and apply to their games. Games must be playable on a web browser.

All students are invited to attend free [student meet-ups](#) in November and December, and a Hackathon on December 12th at Civic Hall.

Submissions are due January 30, 2016.

A blue-ribbon jury will select the winners in February. Prizes will be presented at an awards gala and public exhibition at Museum of the Moving Image in March 2016.

For more information on how to participate, please contact:

Sara Cornish (Project Director at Games for Change)

sara@gamesforchange.org



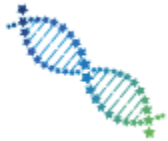
The New York Hall of Science is hosting STEM Night: **Careers in Computer Science**.

Friday, December 11th from 5-8pm.

The event is completely **FREE!** Refreshments and snacks are provided.

Attached is a more detailed flyer for the event. Chaperone is required for students under age 16. Must provide a Teacher or Student ID!

[CLICK HERE](#) to register- spots will be on a first come basis.



BECOME A SPACE PIONEER: Your DNA Experiment in Space.

Welcome to Genes in Space. The competition that launches your winning experiment to space!

Design a DNA experiment using Polymerase Chain Reaction (PCR) in Space.

Space scientists need your help to address real-life space exploration opportunities and challenges.

The Reward:

Launch your DNA experiment to the International Space Station (ISS)

Receive mentorship from Harvard and MIT PhD scientists. Present your ideas at a leading space science conference. Attend Space Biology Camp. Win miniPCR DNA Discovery System for your school, travel awards, and more.

[Click here for more information.](#)



[NSF and NNI present: Generation Nano Challenge](#)

Who: High school students

What: A written entry explaining a superhero and nanotechnology-driven gear, with a 90-second video OR 1 page comic introducing the superhero and the student's nanotechnology-enabled gear.

When: Late November 2015, to February 2, 2016

Where: Submit entries at: nsf.gov/GenNano

Why: To promote early interest in STEM and nanotechnology.

Win the opportunity to attend and present your entry at the USA Science and Engineering Festival in Washington, D.C. April 16-17, 2016 and compete for cash prizes.

More questions? Get updates on Twitter #GenNano or contact the team at: gennano@nsf.gov.

the **noguchi** museum

[The Noguchi Museum Teen Advisory Board \(TAB\)](#): a free after-school program for high school students.

Each year, TAB members advise the Museum on how to better serve teen audiences and plan events that promote the museum to their peers. This year, TAB members will become immersed in the Museum and the work of Isamu Noguchi through tours, activities, and behind the scenes experiences with Museum operations and staff. Participants will also have the opportunity to visit other museums and engage with museum teen programs around the city.

This year's program begins on November 18, 2015 and ends on May 25, 2016. We encourage teens in every year of high school to apply. There are no prerequisites; we require only that, if accepted into the program, teens commit to full attendance and participation in the program.

Feel free to call or email me with any questions about this program or other education offerings from The Noguchi Museum.

Shannon Murphy

smurphy@noguchi.org | 718.204.7088 x205

High School students and their families are invited to learn about opportunities for high school students at the museum.

October 30 from 5:30 to 7:30pm

Find out more about applying for the **After School Program**, the **Saltz Internship Program**, the **Science Research Mentoring Program**, and other exciting opportunities.

There will also be a **workshop on financial literacy** provided by Pockets Change- providing help to plan, budget, and save for college and beyond.

To register for this free event please follow the link: <https://goo.gl/QBZSJk>

If you have any questions, please contact the After School Program Coordinator at hsprograms@amnh.org



For High School girls who are interested in learning more about Computer Science and Engineering, there is a great opportunity to participate in the 2015 New York City Girls Computer Science and Engineering Conference.

Date: Thursday November 12th

Time: 8:00 AM to 3:30 PM

Location: Kimmel Center, 60 Washington Square South, Rosenthal Pavilion, 10th Floor, NYU.

The conference will include:

- a workshop led by a scientist from Google
- demos of research projects
- a hands-on development workshop
- a structural design competition

Seats are limited. Registration is open until October 25th!

[You can reserve your seat by completing the registration form online here.](#)



PAID Internship for High School Students interested in learning about museum careers and great works of art.

For more information, visit: [High School Internship](#)

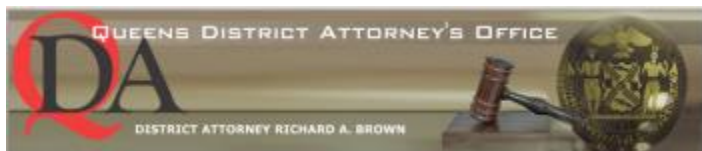
Application Deadline: Friday, September 25, 2015



The New York Civil Liberties Union is seeking teens, 14 to 21 years old, who are interested in a PAID Internship program focused on social justice, activism, and the law.

For more information, visit: [Teen Activist Project](#)

Application deadline: Friday, September 25, 2015



Students interested in learning about the criminal justice system are encouraged to join the Queens County District Attorney's Student Advisory Council.

Application Deadline: Wednesday, October 14, 2015



ACE MENTOR PROGRAM
ARCHITECTURE • CONSTRUCTION • ENGINEERING

The ACE Mentor Program is a FREE after-school program for high school students who are interested in learning about careers in architecture, construction management, or engineering.

For more information, visit: [ACE Mentor](#)