Stuyvesant Student Opportunity Bulletin #5S

October 6, 2023

Please note that in this **"Short"** version of the Student Opportunity Bulletin, only the *New* and *Deadline Approaching* opportunities in each category are included.

For the list of **all** the opportunities in each category, you may click & open the **"Long"** version of the Student Opportunity document you received.

CATEGORY TABLE OF CONTENTS:

(**Download this entire PDF document** in order to use the following links to jump to your area(s) of interest)

This weekly bulletin will inform students, parents, and staff about internships, academic programs, jobs, community service options, and leadership initiatives, along with other student opportunities in a variety of fields. Please carefully note deadlines, age requirements, and other pre-requisites for participation.

These various opportunities utilize different formats. Some are in-person, some remote, and some will involve a hybrid arrangement. Check each program for their specific format and schedule. Students should consider applying to any that match their interests and talents. **Some program deadlines are fast approaching** – please do not miss them!

For ease of use, these newsletters are organized by different categories, such as Academic Programs, Business Internships & Jobs, STEM Opportunities, Community Service, and so on.

Questions, suggestions, and information about other opportunities are always welcome and appreciated, and may be sent to Internship/Opportunity Coordinator Harvey Blumm at: hblumm@stuy.edu - we will share your helpful information with the Stuy community!

There are a number of excellent new opportunities in this issue with fast-approaching deadlines - including (just to highlight a few):

ACADEMICS: **City College** in Manhattan has posted their list of available **College Now** free spring term courses for 10th, 11th, and 12th graders (other CUNY campuses will also offer spring term class schedules in the coming weeks).

BUSINESS/JOBS: **Yale University's Entrepreneurial Fellowship** welcomes applicants for its free virtual program for aspiring entrepreneurs. And Futures & Option's free **Career Essentials Business Introduction** program's application deadline is October 9th!

COMMUNITY SERVICE: **Brush with Kindness** is a citywide public beautification program that welcomes high school participants. And for those interested in tutoring, there is a link (updated each week) in this section listing current tutoring opportunities.

LEADERSHIP/GOVERNMENT: The **NSLI** is a free international language learning program sponsored by the U.S. government, with virtual & in-person components. Students 15 and older can apply – the first approaching deadline is **October 23rd**. The **Queens Youth Court** program takes place at several Queens branch libraries, and is open to all.

MUSEUMS/ART: The **Noguchi Museum's Teen Advisory Board** in Long Island City is now open for applications from current juniors & seniors with an interest in museums (it includes a $750 stipend). The **Parsons Scholars** art & design program for current lower-income sophomores runs for three years, including summers; it meets on Saturdays throughout the school year. And **Arts Connections' Student Art Project** welcomes art submissions from all students.

STEM: The **MIT/BeaverWorks CRE(AT)E** Tech program has a new challenge – designing & creating solutions for disability/impairment issues; student teams may enter. And all students interested in engineering, architecture, and construction may apply for the upcoming **ACE Mentor** weekly partnership with a team of professionals from the Port Authority – participants work with PA professionals from a variety of fields.

Events of Interest to Students:

Event Ongoing: National Design Week

"Celebrate National Design Week with America's design museum! Cooper Hewitt, the Smithsonian Design Museum, opens its doors are with free museum admission for all from October 2–8. National Design Week celebrates the important role design plays in all aspects of everyday life and will feature a range of in-person and virtual programs."

Eligible: All students

Dates: **October 2 – 8**

Location: Cooper Hewitt Museum (2 East 91st Street, Manhattan)

Cost: Free

*Application Deadline***: Rolling Basis**

Link: https://www.cooperhewitt.org/national-design-week/

Event Approaching: **Big Apple College Fair and $2,500 Scholarship Raffle**

"This college fair offers attendees the opportunity to speak with over 200 college admissions representatives from all over the country, plus England. This opportunity is free to attendees. In addition, the Big Apple offers a raffle for all high school seniors to enter. Ten lucky student names drawn will get a $2,500 scholarship."

Eligible: All students

Dates: **Sunday, October 8** (1 – 4pm)

Location: Jacob Javits Center – Hall 1A, Manhattan (655 W 34th Street)

Application Deadline: **Rolling Basis**

Cost: Free

Link: https://www.bigapplecollegefair.com/

Event Approaching: **Lamont-Doherty Earth Observatory Open House**

"Columbia Climate School Lamont-Doherty Earth Observatory is committed to educating the next generation and sustaining the planet. Aspiring young scientists and science enthusiasts are welcome to come enjoy Lamont-Doherty's Open House. You will tour a lab, participate in hands-on earth science demonstrations, and learn from world-renowned researchers about their latest discoveries. If you are attending Open House from New York City, **free shuttle buses** are provided between Columbia University's Morningside Heights campus in Manhattan and the Lamont-Doherty Earth Observatory."

Eligible: Everyone

Dates: **October 14** (10 AM – 4 PM)

Location: 61 Route 9W Palisades, NY 10964

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://www.eventbrite.com/e/lamont-doherty-earth-observatory-open-house-registration-692704286167?aff=oddtdtcreator

https://openhouse.ldeo.columbia.edu/

Event Approaching: **Virtual NACAC National College Fairs**

"Free and open to the public, National College Fairs are the perfect place to kick off your college search. Admission representatives from schools across the country are all gathered in one place. Their goal: To encourage you to learn more about their institutions, and help you sort through the qualities you're looking for in a college. Use your visit to explore your options, ask questions, and gather information."

Eligible: All students

Dates: **October 15**, November 12 (1 – 6 pm)

Location: Virtual

Cost: Free

*Application Deadline***: Rolling Basis**

Links: https://www.nacacattend.org/23VirtualSept10

https://www.nacacattend.org/23VirtualOct15

https://www.nacacattend.org/fairs/?_gl=1*1b3tozc*_ga*MTcwNjA4MTg0MS4xNjkzNTc0NTcw*_ga_VBBSWPK81X*MTY5MzU3NDU3MC4xLjAuMTY5MzU3NDU3MC42MC4wLjA.

Events Approaching: **Macaulay Honors College Events**

For students interested in learning more about the Macaulay experience, Macaulay Honors College is hosting an Open House event. Macaulay is also hosting three information sessions for prospective students about admission requirements, key

dates, essay tips, the Macaulay application, information from Macaulay students, and more.

1 – Macaulay Fall 2023 Open House

Eligible: All students

Dates: **October 15** (2 – 4 PM)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Links:

https://us02web.zoom.us/webinar/register/WN_aJ7BAorzTzKQIWgGXir7IQ?#/registration

2 – Information Sessions

Eligible: Current Seniors

Dates: **October 24 OR** November 2 (4 - 5:30 PM EST)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://macaulay.cuny.edu/calendar-of-events/information-session-for-prospective-students-15/

https://macaulay.cuny.edu/calendar-of-events/information-session-for-prospective-students-16/

https://macaulay.cuny.edu/calendar-of-events/information-session-for-prospective-students-17/

Event Approaching: Cybersecurity Career Awareness Week

"All students are welcome to learn about topics and careers in this innovative & important field of cybersecurity. A variety of events and competitions will be offered for students to participate in."

Eligible: All students

Dates: **October 16 - 21**

Location: Virtual

Cost: Free

*Application Deadline***: Rolling Basis**

Link: https://www.nist.gov/itl/applied-cybersecurity/nice/events/cybersecurity-career-week/what-cybersecurity-career-week

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Academic Programs:

New: Yale Young Global Scholars Summer Program

YYGS invites students to several different ten-day sessions in which they can "experience life as a university student at Yale while attending an academic session of their choosing." A variety of classes are available, including 'Innovations in Science & Technology' 'Literature, Philosophy & Culture," Solving Global Challenges,' and others. Information webinars on the program are scheduled from early October to December and range from topics such as Admissions Advice to the Session Offerings.

Eligible: All Sophomores & Juniors 16 and older by July 21, 2024

Dates: Session I (June 23 – July 5) **OR** Session II (July 7 – 19) **OR** Session III (July 21 – August 2)

*Application Deadlin*e: **November 1** (Early Action) or **January 10, 2024** (Regular Decision)

Cost: **TBD** (need-based financial aid available)

Links: https://globalscholars.yale.edu/how-to-apply

New: City College of New York College Now Program

The CUNY College Now Program at campuses throughout the city offers free college-level science, math, & humanities classes to current juniors & seniors, and, in some programs, sophomores. The application deadlines and course times vary for each individual campus - students should explore their options and apply to any that interest them.

City College in Manhattan is the first campus to post their information & application – future bulletins will include additional location options.

Eligible: 10th, 11th, and 12th graders

Dates: Spring 2024 Term

Location: City College of New York (60 Convent Avenue, Manhattan)

Examples of Courses Offered: Human Biology, Introduction to Human Development: Infancy & Childhood, Freshman Composition, Introduction to Game Programming, Ideas of Physics, Applications of Psychology in the Modern World

Application Deadline: **December 5**

Links: https://www.ccny.cuny.edu/collegenow

https://drive.google.com/file/d/1RM21cibTXjTRGorFlN_X3G8V_KBFhi95/view?usp=sharing

Next Classes Approaching: After School CS Classes with Digital Girl, Inc.

"Digital Girl, Inc is hosting introductory computer science classes for K-12 students in their after-school coding program. Learn the concepts of coding, create games and apps, gain tech skills, learn about STEM careers, have fun, and more!" Students may register for multiple classes or simply attend one.

Eligible: All students; focus on inner-city girls but all may apply

Dates: October – June, 2024 (Wednesdays from 3:30 - 5:00 PM)

Location: 1561 Bedford Avenue, Brooklyn

Cost: Free

*Application Deadline***: <u>Rolling Basis</u>**

Links: https://www.digitalgirlinc.org/

https://www.digitalgirlinc.org/afterschool

https://www.eventbrite.com/e/after-school-computer-science-classes-for-grades-6-12-tickets-705663306947

Program Start Date Approaching:

Science and Technology Entry Program at Vaughn College

"The Vaughn College STEP Academy offers free SHSAT & SAT Prep classes, together with Flight, Coding, 3D Design, Animation, Technology of Money, and Hydroponics. Students in 7th -12th grade are eligible based on two options of eligibility: ethnicity or low income. If a student qualifies based on ethnicity (African American, Hispanic/Latino, Alaskan Native or American Indian), proof of income is not necessary.

Eligible: All students may apply (ethnicity or low-income focus)

Dates: Weekend classes (Saturdays, October – June)

Location: Virtual

Cost: TBA (Some financial aid available)

Application Deadline: <u>Rolling Basis</u>

Link:

https://www.vaughn.edu/student-life/science-and-technology-entry-program-step/

Program Dates Approaching:

Columbia Climate School's Pre-College Program Workshops

"Columbia Climate School's Pre-College Programs will expand your knowledge and prepare you to understand, analyze, and apply cutting-edge research to the complex problem of our changing climate. One workshop currently being offered is **Climate Impacts**: Uncovering (In)Justice in Disaster Preparedness and Recovery, a workshop intended for learners interested in the social impacts of climate change. Another workshop, **Climate Connections**: Why We Should ALL Care About the Polar Regions, focuses on understanding the polar regions and their importance in driving and maintaining natural processes on Earth."

Eligible: All students

Dates: October - December 2023 (Saturdays, 10 AM - 12 PM)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://www.climate.columbia.edu/climate-impacts-uncovering-injustice-disaster-preparedness-and-recovery-2023

https://www.climate.columbia.edu/climate-connections-why-we-should-all-care-about-polar-regions

Glass Half Full or Empty: Illuminating the Human Transcriptome Course @ Columbia University

"Glass Half Full or Empty: Illuminating the Human Transcriptome is an advanced biology lab course for underserved high school students in New York City (all students may apply). This course gives students an opportunity to explore cell biology, microbiology, genomics, and transcriptomics in a hands-on setting through labs. They collaborate with other students; our volunteers maintain a 4:1 student-teacher ratio to promote individual feedback sessions. This course empowers young students as they experience the process of contributing to a novel research project. These young adults

finish the course feeling more prepared for college-level biology classes and feeling a sense of accomplishment after presenting their findings."

Eligible: All students

Dates: October 28 (10 AM - 4 PM EST), November 11 (9 AM - 5 PM EST), and November 18 (9 AM - 12 PM EST)

Location: Virtual or In-Person at Columbia University, 500 West 120th St

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://rcss.scienceandsociety.columbia.edu/research-projects/ongoing-project-glass-half-full-or-empty-illuminating-human-transcriptome

https://drive.google.com/file/d/16IEYfX5DUPmTL190qGG8Y_TVMy7DYF5T/view

https://docs.google.com/forms/d/e/1FAIpQLSc9nkqZvy2V1UACUSSBp1sCOdvh3reLkUTSnqSxvxEDfeqilw/viewform

https://www.youtube.com/playlist?list=PLg0JKLUfmkdnX8f1MXtQ4aTRA_EGZWra1

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Business & Jobs

New: Priority Deadline Approaching:

Yale Entrepreneurial Society High School Fellowship

"This fellowship is a 6-week masterclass that gives budding entrepreneurs the tools and mindset needed to develop or contribute to a successful startup! Learn the skills and mindset needed to succeed in start-up ventures and gain the skills to put together and present a company pitch deck. You will also learn information about the Yale

Entrepreneurial Society and the culture of entrepreneurship at Yale and learn from Yale Undergraduates with experience in entrepreneurship and building start-ups."

Eligible: All students

Dates: October 30 - Mid-December (Every Saturday)

Location: Virtual

Cost: Free

Application Deadline: **October 8** (Priority), **October 15** (Regular)

Links:

https://www.yesatyale.org/high-school-fellowship

https://docs.google.com/forms/d/e/1FAIpQLSe8BlgUSDyEMKWDjvQ06L6Y4d1CyZdSh8SOnqtrkJ2VttzJjA/viewform

Next Program Date Approaching: **Rock the Street Wall Street Finance Program**

Rock the Street Wall Street invites female students to apply for this series of six in-person sessions for Stuyvesant students, taking place after-school at Stuyvesant. Participants meet with female finance industry professionals and learn about personal finance, financial businesses, and more. Participants also receive help in finding summer internships in this field of business.

"We are excited to be starting another year of Rock the Street, Wall Street programming at Stuyvesant this year! We have a group of women from Invesco Corporation excited to meet the great group of students at Stuyvesant and share their time and knowledge with you all! Here are the details:"

Fall Workshops & Field Trip to Invesco Headquarters (near Stuy): **Tuesdays, 4:00 - 5:00 PM from October 10 – October 24.**

Please register on our NEW RTSWS App to participate. The app can be accessed via the link below to access their document and then scan the QR code in the document for instructions.

Join our 2023-2024 Rock The Street, Wall Street cohort at Stuyvesant!

Eligible: All female students

Dates: September 26 – October 24; Tuesdays at Stuy in Room 411(4:00-5:00)

Cost: Free

Links: https://drive.google.com/file/d/1df7wEKOSTujUiNouS-I3yP_puAAELkgP/view?usp=sharing

https://rockthestreetwallstreet.com/home/

https://drive.google.com/file/d/1DBNLePAOrYxr7QV78FPPBP5ztch21kIm/view?usp=sharing

Deadline Approaching: **Futures and Options Career Essentials Program**

Futures and Options is offering an excellent business/two career exploration program: "Students in the Futures and Options Career Essentials Program participate in 10 supervised workshops that focus on communication, presentation and workplace etiquette skills. Career Essentials High School is open to **any high school student** who resides in the five boroughs of New York City. Students will have the opportunity to network with and learn from fellow peers from different boroughs and schools and receive a $50 stipend for participation."

Eligible: All students

Dates: October 9 – December (11 after-school sessions)

Cost: Free

Location: Futures and Options office at 120 Broadway, Manhattan

Application Deadline: **October 9**

Links: https://futuresandoptions.org/career-essentials-application/

https://futuresandoptions.org/our-programs/our-programs-career-exploration/our-programs-career-exploration-career-essentials/

Updated: Event Approaching: **Exploring the World of Finance Virtual Seminar**

All students are welcome to join this helpful exploration into college & career pathways to careers in the world of finance. Participants will also learn about key aspects of personal finance for students and will gain experience in networking with finance professionals.

Eligible: All students

Date: **Saturday, October 14** (12:00 – 1:30)

Location: Virtual

Application Deadline: **Rolling Basis**

Cost: Free

Links:

https://docs.google.com/forms/d/e/1FAIpQLSdTFnunwSBc09HLvp5ezAXNDROyIuayy3M8rtoc8yE3uj2rpw/viewform

https://sites.google.com/view/financialeconomiccrises/home

https://forms.gle/DjhB6q1jWZPQa9m37

https://linktr.ee/stuyfec

Events Approaching: **NYC Business Exploring Careers Program**

"NYC Exploring uses in-person & virtual weekly or bi-weekly after-school sessions to introduce students to a wide variety of careers. By opening the doors of businesses, non-profit organizations, and law enforcement agencies to young people, the program gives students first-hand information about what specific careers actually entail. This helps them sustain the motivation to achieve their goals.

There are upcoming programs at the Gensler & Structure Tone engineering/construction companies (beginning on 10/2), the Kings County and

Queens County District Attorney Offices, the Port Authority of NY, Jamaica Hospital in Queens, and more."

Eligible: All students

Dates: Various throughout the Fall 2023 term

Locations: Various

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://nyexploring.org/b-registar/

https://nyexploring.org/calendar/

https://drive.google.com/file/d/1tm6A3GV5NVCpXjxJWDWdg0NmkKscStk3/view?usp=sharing

https://scoutingevent.com/?OrgKey=BSA640&calendarID=444716

https://scoutingevent.com/?OrgKey=BSA640&calendarID=444708

https://scoutingevent.com/?OrgKey=BSA640&calendarID=446592

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Community Service

List of Current Volunteer Tutoring Opportunities:

https://docs.google.com/document/d/19R5HcK8KXAQ8ioquf1gMUTfvVNXHiqboRFxw88ybX4M/edit?usp=sharing

New: **A Brush with Kindness/Habitat for Humanity**

Brush with Kindness is an organization that paints, plants, and generally improves parks, schools, camps, and other public spaces around the city.

Eligible: All students 16 and older

Dates: Various

Locations: Various

Application Deadline: **Rolling Basis**

Links: https://habitatnycwc.org/volunteer/

https://habitatnycwc.org/volunteer/faq/

Deadline Approaching: Apex for Youth Volunteering Opportunity

"Apex for Youth empowers underserved Asian and immigrant youth from low-income families in NYC to unlock their potential.

Volunteers may guide a small group of 3rd -5th graders to help them learn more about themselves and their communities, and build vital relationships through hands-on activities, games, and field trips in Sunset Park, Brooklyn or Chinatown, Manhattan (9:30 AM - 12:30 PM). Volunteers may also choose to lead small groups of K-2 students in our read-aloud program and explore themes like gratitude, growth mindset, and identity & culture through books and fun activities on Zoom from (9:45 - 11:30 AM) or Chinatown, Manhattan (10:15 AM - 12:45 PM)."

Eligible: All students

Dates: October 14 - December 16 (Saturdays)

Location: Virtual or In-Person at Sunset, Brooklyn **OR** Chinatown, Manhattan

Application Deadline: **ASAP**

Links: https://apexforyouth.org/volunteer/

https://apexforyouth.formtitan.com/VolunteerApplication#/

Deadline Approaching:

VISIONS Intergenerational Program for the Blind/Visually Impaired

"VISIONS Intergenerational Program at VISIONS Center on Aging, our older adult center in Manhattan, recruits and trains volunteer high school students to assist older

adults who are visually impaired or blind in their homes, and at the center. The youth provide escort and assistance with reading, shopping, socialization and technology. Learn more by contacting Jose Gil at: 646-486-4444, ext. 233, or at jgil@visionsvcb.org." Applicants will need to provide three references, two professional and one personal.

Eligible: All students who are between 15 – 18 years old

Dates: Fall term

Location: 135 West 23 Street, Manhattan

Application Deadline: **Rolling Basis in October**

Links:

https://visionsvcb.org/get-involved/volunteering/

https://docs.google.com/forms/d/e/1FAIpQLSfcfehk1qzxV82-cwZyMl4KaGcDDAVM_ThUhy3NLxbaTHR1Gg/viewform

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Leadership/College Prep/Government/Law/Cultural/Programs

New: Information Session Approaching: **The Bronfman International Fellowship**

Current juniors who identify as Jewish are eligible for a free five-week summer travel fellowship in Israel. Participants also participate in follow-up events in the U.S such as a winter seminar and monthly Zoom sessions. There will be two **virtual information sessions on October 12 at 8 pm** & October 30 at 11 pm.

Eligible: Current juniors who identify as Jewish & will be 16 by Summer 2024

Dates: June 24 – July 29, 2024 (summer seminar)

Location: Israel

Application Deadline: **December 4** (application) & December 6 (recommendations and transcript deadline)

Cost: Free

Links: https://bronfman.org/become-a-fellow/

October 12 Information Session Registration:

https://us02web.zoom.us/meeting/register/tZ0lfu6vrjMrH9ypAR4prOY8alg0pUVBolkf#/registration

October 30 Information Session Registration: https://us02web.zoom.us/meeting/register/tZAkd-6ppzsqHddM-f0fjf7WAhVh4FzyBIvd#/registration

New: **Queens Public Library Youth Justice Court (YJC)**

"The goal of the YJC program is to provide an alternative response to youth crime in the community. By joining YJC, you will learn about the foundations of the criminal justice system and become trained to serve as peer defense attorneys, prosecutors, and jurors. You will have a say in how your peers can be held accountable in a fair and dignified way. As a Youth Court Advocate, you will help other teens, build your resume, have fun, and receive a Certificate of Achievement signed by the Mayor."

Eligible: All students

Dates: Various, depending on location

Locations: Cambria Heights Library (218-13 Linden Boulevard), Central Library (89-11 Merrick Boulevard), Far Rockaway Teen Library (2002 Cornaga Avenue), Flushing Library (41-17 Main Street), Long Island City Library (37-44 21 St)

Cost: Free

*Application Deadline***: Rolling Basis**

Links: https://www.queenslibrary.org/index.php/programs-activities/teens/other-programs/youth-justice-court

https://qlmarketing.typeform.com/to/IN2uy4?typeform-source=www.queenslibrary.org

Deadline Approaching:

Chinese-American Planning Council Learn & Earn Program

"CPC Queens' Learn & Earn program strives to provide a safe and inclusive environment for our community members to learn, lead and succeed academically, personally, and professionally. Participants receive work readiness training; in-depth college preparedness, assistance, and support; team building & leadership development, mentorship and professional guidance, a guaranteed summer internship/job, and much more!"

Eligible: Current seniors who are Chinese American

Dates: 2023-2025 (Senior year and one follow up year)

Location: CPC Queens Community Center, 133-14 41ˢᵗ Ave, Queens

Cost: Free

Application Deadline: **ASAP**

Link: https://forms.office.com/r/Y0JEYVgMqV

Deadline Extended/Approaching: **Teen Activist Project (TAP)**

"NYCLU's TAP is an exciting youth program that engages New York City teens as leaders and organizers on civil rights and civil liberties. TAP members work on a range of advocacy issues including students' rights, racial justice, LGBTQ rights, immigrants' rights, freedom of speech and religion. Participants will get **stipends of up to $600**; community service hours; leadership, public speaking and community organizing skills, and more!"

Eligible: All students who are at least 14 years old

Dates: Mondays (4:00-6:15) plus one additional day per week

Location: 125 Broad Street, Manhattan

Cost: Free

New Application Deadline: **October 8** (11:59 PM)

*Links***:** https://www.nyclu.org/en/issues/education/youth-activism#tap

https://action.aclu.org/webform/2023-2024-nyclu-tap-application

Deadline Approaching: **Brooklyn Public Library StoryTeen Internship**

"StoryTeen is an internship program for 10th-12th grade students with an interest in literacy and early childhood education. As an intern, you will build your academic, college, and career readiness skills with support from a mentor, work behind the scenes on developing cutting-edge programming and projects, receive a stipend, discover a variety of career paths in early childhood education, and receive volunteer service hours and resume-building experience. Interns must be available 3-5 hours a week during out-of-school time from November 2023 to May 2024."

Eligible: Sophomores, juniors, and seniors

Dates: November 2023 - May 2024

Location: Various

Cost: Free

Application Deadline: **October 14** (Rolling Basis)

Link: https://www.bklynlibrary.org/support/volunteer/storyteen

Events Approaching: **Macaulay Honors College Events**

For students interested in learning more about the Macaulay experience, Macaulay Honors College is hosting an Open House event. Macaulay is also hosting three information sessions for prospective students about admission requirements, key dates, essay tips, the Macaulay application, information from Macaulay students, and more.

1 – Macaulay Fall 2023 Open House

Eligible: All students

Dates: **October 15** (2 – 4 PM)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Links:

https://us02web.zoom.us/webinar/register/WN_aJ7BAorzTzKQIWgGXir7IQ?#/registration

2 – Information Sessions

Eligible: Current Seniors

Dates: **October 24 OR** November 2 (4 - 5:30 PM EST)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://macaulay.cuny.edu/calendar-of-events/information-session-for-prospective-students-15/

https://macaulay.cuny.edu/calendar-of-events/information-session-for-prospective-students-16/

https://macaulay.cuny.edu/calendar-of-events/information-session-for-prospective-students-17/

Deadline Approaching: United States Senate Youth Program

"The United States Senate Youth Program, established in 1962 by U.S. Senate Resolution, is a unique educational experience for outstanding high school students interested in pursuing careers in public service. Two student leaders from each state, the District of Columbia and the Department of Defense Education Activity will spend a week in Washington experiencing their national government in action." Recipients will also be granted a $10,000 scholarship.

Eligible: Students in grades 11-12 who show demonstrated leadership by serving in elected or appointed positions in which they are actively representing or previously represented a constituency in organizations related to student government, education,

public affairs and community service. Applicants will be nominated by their school – interested students should contact Harvey Blumm to learn more.

Date: March 2–March 9, 2024

Location: Washington, DC

Cost: Free (Transportation, food, and housing provided)

Application Deadline: **October 20**

Link: https://ussenateyouth.org/

Deadline Approaching:

Librarians of Tomorrow Internship @ Brooklyn Public Library

"Librarians of Tomorrow is an innovative, hands-on internship program for 10th-12th grade students from diverse backgrounds with an interest in library careers. We seek committed and enthusiastic individuals who are ready to learn, work, and help others! Interns will build their academic, college, and career readiness skills with support from a mentor, work behind the scenes on developing cutting-edge programming and projects and receive a stipend and volunteer service hours. Interns will complete 20-30 hours of training and field trips and 70-80 hours of hands-on work experience by creating a capstone project and assisting with a variety of library programs, events, and projects."

Eligible: Sophomores, juniors, and seniors

Dates: November 2023 - June 2024 (3-6 hours per week)

Locations: Various

Cost: Free

Application Deadline: **October 20**

Links: https://www.bklynlibrary.org/lot

https://www.bklynlibrary.org/lot/apply

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

"Virtual NSLI-Y is a 10-week, beginner-level foreign language and culture experience that also introduces participants to the people and culture of places where the target language is spoken. Participants are placed into a virtual class of approximately 10 students with an experienced language teacher which meets two times per week for 90 minute sessions. Virtual NSLI-Y includes cultural learning and fosters intercultural understanding. The available languages in beginner level only are Arabic, Chinese, Hindi, Korean, Russian, Turkish."

Eligible: Students who are from 15-18 years old and U.S. citizens

Dates: January 7, 2024 - March 17, 2024

Location: Virtual

Cost: Free

Application Deadline: **October 23**

Link: https://www.nsliforyouth.org/languages-and-program-experience/virtual/

Korea Society Project Bridge Youth Ambassador Program

"Youth Ambassadors from New York City participate in an intercultural youth leadership program. Using Korea as a case study, the Program offers many exciting opportunities for Youth Ambassadors to build leadership skills and intercultural competence, improve their public speaking ability, and grow their personal and professional networks. **The highlight of the Program is an all-expenses paid study tour to the Republic of Korea in spring 2024.**

Eligible: Juniors and Seniors

Dates: November 2023 – June 2024

Location: Hybrid (on Zoom and at Korea Society, 350 Madison Avenue, Manhattan)

Application Deadline: **October 25**

Cost: Free

Links: https://www.koreasociety.org/education/project-bridge

https://koreasociety.smapply.io/prog/new_york_project_bridge_youth_ambassador_program_at_the_korea_society_2023_-_2024/

The National Security Language In-Person Initiative (NSLI-Y)

"NSLI-Y provides overseas critical language study opportunities to American youth through merit-based scholarships to spark a lifetime interest in critical foreign languages and cultures. Beginners are encouraged to apply for any of the target languages;. Arabic, Mandarin, Hindi, Indonesian, Korean, Persian, Russian, and Turkish (previous language experience is not required)"

Eligible: All students 15-18 years old at the time the program begins

Dates: Summer 2024

Locations: Various

Application Deadline: **November 2 (4:00 PM)**

Cost: Free

Links: https://www.nsliforyouth.org/

https://www.nsliforyouth.org/faq/

https://www.nsliforyouth.org/how-to-apply/eligibility/

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Museums, Art, Photography:

New: Noguchi Museum Teen Advisory Board (TAB)

"The Noguchi Museum in Queens offers its Teen Advisory Board internships to NYC students with an interest in arts administration & museums. This year, the 2023–24 TAB cohort will focus their conversations on promoting cultural and gender equity in the arts. After learning about museum structures and the social role of art, TAB interns will collaborate on a final project together. TAB interns are paid a **$750 stipend** for the school year, receiving $375 at both the midpoint and end of the program." Students will also have to submit a letter of recommendation by the deadline.

Eligible: Juniors and seniors

Dates: November 8 – May 8, 2024 (Wednesday afternoons from 4:30 – 6:30 pm)

Location: 9-01 33rd Road, Queens (at Noguchi Museum)

Cost: Free

Application Deadline: <u>**October 19 (11:59 PM)**</u>

Links: https://www.noguchi.org/museum/education/teens/teen-advisory-board/

https://noguchieducation.wufoo.com/forms/teen-advisory-board-2023a24-application/

New: **ArtsConnection Student Art Program (SAP)**

"Take your art to the next level! EXHIBIT YOUR ARTWORK! Do you love to make art? Great! Now show it—submit your artwork in response to themes throughout the year for a chance to be part of a group exhibition and receive awards. Fall 2023 Exhibition theme: Simplicity in Complexity. Submit your artwork for a chance to have your work framed and exhibited in one of our corporate partners' office spaces and receive a $100 Blick gift card!"

Eligible: All students

*Application Deadline***:** <u>**November 17**</u> (6:00 pm)

Link: https://teens.artsconnection.org/sap/?mc_cid=341f486581&mc_eid=d56b4cad94

New: **Expanding the Walls Photography Program**

"Expanding the Walls: Making Connections Between Photography, History, and Community is a free eight-month photography-based program for a select group of students enrolled in a high school or GED program. For this 2023 Expanding the Walls cycle, we are accepting applications from teens who live or attend high schools or equivalency programs in New York. The program culminates with a celebration of the participants' work. Participants receive a $1000 stipend and a Canon EOS Rebel DSLR camera."

Eligibility: Students from Harlem/Upper Manhattan/South Bronx

Dates: January 9 — August 1, 2024

Location: 125th Street Harlem, Manhattan

Cost: Free

Application Deadline: **November 17 (11:59 pm)**

Link: https://www.studiomuseum.org/expandingthewallsapply

Event Approaching: **Center for Architecture Teen Workshops**

"Teen Workshops are for high school students interested in learning more about the city's built environment and developing their architectural design skills. Offered on weekends during the school year, these workshops combine architectural exploration with hands-on design projects, nurturing the development of design thinking and providing students with instruction in architecture fundamentals such as architectural drawing, scale measurement, model building, & site/precedent analysis."

Eligible: All students

Dates: **October 7**, November 4, December 2 (10am – 4 pm)

Location: The Center for Architecture (536 LaGuardia Place, Manhattan)

Cost: $125 per workshop (full financial aid available by application)

*Financial Aid Deadlines***: <u>October 21</u>** (for November workshop), November 18 (for December workshop)

Link: https://www.centerforarchitecture.org/k-12/teen-programs/teen-workshops/

Deadline Approaching: **Brooklyn Museum Paid Apprentice Program**

"In this paid internship, New York City teens immerse themselves in art and art history, and learn about museum education while creating their own lessons for audiences of all ages. Get paid $15 per hour. Second-year Museum Apprentices serve as leaders in the program and are paid $16 per hour. Work up to 180 hours for the year! Metrocards will be provided to support weekend and summer work." Students will need to submit an application and a letter of recommendation.

Eligible: All students who are at least 14 years old

Dates: November through August 2024 (Thursday afternoons from 4 – 6:30 pm with occasional Friday and weekend events)

Location: Whitney Museum (200 Eastern Parkway, Brooklyn)

Cost: Free

Application Deadline: <u>October 8</u>

Links: https://www.brooklynmuseum.org/education/teens/museum-apprentices#
https://docs.google.com/forms/d/e/1FAIpQLSfP-C3thi3lQM3BgKRjXc2qdAsxINpYWbBZ416uYyEgdxVL5A/viewform

Deadline Approaching: **Guggenheim Museum Teens Art Collaborative**

"During this program, teens will work in groups to explore how museums and contemporary art intersect with the topics most important to them. Students will also work with mentors to produce new programming or resources for fellow teens and help host teen events at the museum!

This is a hybrid program made up of in-person experiences at the museum (75%) and remote meetings or independent work (25%). For each visit to the museum, students will receive **free Metrocards** and **snacks**. Participants will also receive a cash stipend of $720 upon successful completion of the program!

First-year participants will commit **8 hours per month** from December to May 2024."

Eligible: All students

Dates: December – May 2024

Location: Hybrid; Remote and at 1071 5th Avenue, Manhattan

Application Deadline: **October 15**

Cost: Free

Links: https://www.guggenheim.org/for-families/teens

https://docs.google.com/forms/d/e/1FAIpQLSdP62eGdSzZA1WTdMRhkHq_0qjXjTf90kSDlRiYRqI_bmAJ8A/viewform

Deadline Approaching: Parsons Art/Design Scholars Program

Sophomores with financial need or from underrepresented groups who are interested in art or design are welcome to apply for this free two-year program offered by the **Parsons School of Design** on West 13th Street in Manhattan. Participants meet on Saturdays throughout the school year and throughout the summer, through senior year. Activities include classes, field trips, and meetings with artists. Applicants **must attend** an info session on October 15th or 19th.

Metro-cards and supplies for the full program are provided**.**

Eligible: Sophomores who show financial need or from under-represented groups

Dates: Continues from 10th through 12th grades

Location: Parsons School of Design (2 West 13th Street, Manhattan)

Cost: Free (Includes MetroCards and supplies)

Application Deadline: **October 20**

Links: http://scholars.parsons.edu/apply/

https://docs.google.com/forms/d/e/1FAIpQLSdkYnLkM67y17enZQBjZcYUyGPAgiJxzwjkCu8nthzTw8Z9aw/viewform

https://drive.google.com/file/d/1MKZ01t8Bc6l9atXG13p1kMtXvysFAqvT/view

Parks/Nature:

New: **Van Cortlandt Park Volunteer Opportunities**

"Van Cortlandt Park Alliance works with 2,000+ volunteers a year to complete community stewardship projects throughout the 1,146 acres of Van Cortlandt Park. There are various stewardship programs available, including Vital Volunteers, Trail Work Wednesdays, Forest Fridays, and more."

Eligible: All students

Dates: Various

Location: 80 Van Cortlandt Park South, Ste. E1, The Bronx

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://vancortlandt.org/programs-overview/community-stewardship/

https://vancortlandt.org/calendar-of-events/

Columbia Climate School's Pre-College Program Workshops

"Columbia Climate School's Pre-College Programs will expand your knowledge and prepare you to understand, analyze, and apply cutting-edge research to the complex problem of our changing climate. One workshop currently being offered is **Climate Impacts**: Uncovering (In)Justice in Disaster Preparedness and Recovery, a workshop

intended for learners interested in the social impacts of climate change. Another workshop, **Climate Connections**: Why We Should ALL Care About the Polar Regions, focuses on understanding the polar regions and their importance in driving and maintaining natural processes on Earth."

Eligible: All students

Dates: October - December 2023 (Saturdays, 10 AM - 12 PM)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://www.climate.columbia.edu/climate-impacts-uncovering-injustice-disaster-preparedness-and-recovery-2023

https://www.climate.columbia.edu/climate-connections-why-we-should-all-care-about-polar-regions

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STEM Opportunities:

Engineering/Math/Computer Science

New: The USA Mathematical Talent Search

"The USA Mathematical Talent Search (USAMTS) is a **free proof-based math contest** for US middle and high school students. Students receive written feedback on their work, and can earn prizes based on their performance.

Eligible: All students

Dates: Ongoing

Location: Virtual

Application Deadline: Round One solutions due by **October 16**

Cost: Free

Links: https://www.usamts.org/about/

https://www.usamts.org/?utm_source=Newsletter&utm_medium=email&utm_content=%5BWeekly+Update%5D+The+USA+Mathematical+Talent+Search+is+underway&utm_campaign=AoPS+Update+Email+-+10%2F04%2F2023

New: MIT CRE[AT]E-BWSI Challenge

"Teams of 2-5 students, a coach, and one or more members of their community with a disability or other impairment to daily living (a co-designer) will work together to build a product that aims to improve a particular problem that the co-designer has with an activity of daily living. All registered teams will be given access to our online course materials and may submit a product presentation at our final event. Select teams will be given access to office hours and design reviews by technical mentors, as well as project grants on a need basis. The project period will include mentor matching, mentor check-ins, prototype reviews, and the final event.
Applications must be filled out by the team coach."

Eligible: All Students

Dates: November 23 - April 2024

Location: Virtual or In-Person

Cost: Free

Application Deadline: **October 29**

Links: https://sites.google.com/view/beaver-works-assistive-tech/create-challenge/the-challenge

https://mit-bwsi.formstack.com/forms/create_teamapplication_2023

New: Modeling the Future Challenge

"The Modeling the Future Challenge is a real-world competition for high school students interested in actuarial research. Teams conduct an actuarial research project in which they make recommendations to companies, organizations, government agencies, or other groups based on their own mathematical models, real-world data analysis, and risk management. The top research teams from phase 2 are then brought to the national MTFC Symposium to present their work for a shot at being one of four teams who share an award of $60,000."

Eligible: High school students in the United States who are taking junior or senior level mathematics classes such as statistics, probability, pre-calc, calculus or other similar high-level math classes.

Application Deadline: **November 19**

Links: https://www.mtfchallenge.org/
https://www.mtfchallenge.org/how-it-works/

New: TurnUp Civic Tech Challenge

"The TurnUp Civic Tech Challenge welcomes folks under age 26 to share their idea for a civic technology project that will promote youth voter registration, turnout, or activism. Enter for the chance to win up to $25,000 and TurnUp's support to help bring your vision to life. We welcome projects in any phase of execution, whether it's an idea or already in the works."

Eligible: All students

Application Deadline: **December 1**

Cost: Free

Link: https://www.turnup.us/turnup-tech

New: **World Science University Self-Paced Courses**

"World Science U, the education platform of the World Science Festival, offers in-depth explorations of science guided by Nobel Laureates, renowned researchers, and master educators. Our mission is to cultivate a general public informed by science, inspired by its wonder, convinced of its value, and prepared to engage with its implications for the future. Courses offered include 100 Years of Gravitational Waves, A New Approach to the Search for Extraterrestrial Life, Big Brains, Small Brains, Computational Language: A New Kind of Science, Exploring Our Humanity, and more!"

Eligible: All students

Dates: Various

Location: Virtual

Cost: Free

*Application Deadline***: Rolling Basis**

Links: https://worldscienceu.com/

https://worldscienceu.com/courses/

Next Classes Approaching: **After School CS Classes with Digital Girl, Inc.**

"Digital Girl, Inc is hosting introductory computer science classes for K-12 students in their after-school coding program. Learn the concepts of coding, create games and apps, gain tech skills, learn about STEM careers, have fun, and more!" Students may register for multiple classes or simply attend one.

Eligible: All students; focus on inner-city girls but all may apply

Dates: October – June, 2024 (Wednesdays from 3:30 - 5:00 PM)

Location: 1561 Bedford Avenue, Brooklyn

Cost: Free

*Application Deadline***: Rolling Basis**

Links: https://www.digitalgirlinc.org/

https://www.digitalgirlinc.org/afterschool

https://www.eventbrite.com/e/after-school-computer-science-classes-for-grades-6-12-tickets-705663306947

Program Start Dates Approaching:

SIA Computer Science Game Design Mastery Program

"The School of Interactive Arts (SIA) is a pre-college program in game development. SIA Mastery is our signature program for high school students who want to pursue computer science through game design. In addition to learning C# programming on the Unity Engine, students will also practice other art forms related to game design such as illustration, animation, music production, and narrative writing."

Eligible: All students

Location: In-person (39 W. 19 Street, Manhattan) & virtual options available

Dates: **Mid-October – late-June**

Cost: Free (Metrocards and snacks provided)

Application Deadline: **Rolling Basis**

Links: https://www.schoolofinteractivearts.org/mastery

https://urbanartsp.formtitan.com/UASchoolYear#/

https://www.schoolofinteractivearts.org/faq

Event Approaching: **Cybersecurity Career Awareness Week**

"All students are welcome to learn about topics and careers in this innovative & important field of cybersecurity. A variety of events and competitions will be offered for students to participate in."

Eligible: All students

Dates: **October 16 - 21**

Location: Virtual

Cost: Free

*Application Deadline***: Rolling Basis**

Link: https://www.nist.gov/itl/applied-cybersecurity/nice/events/cybersecurity-career-week/what-cybersecurity-career-week

Deadline Approaching: Ace Mentor Engineering Program

The Ace Mentor Program provides students of all grades with 'real-world' internship opportunities in the fields of architecture, design, engineering, and construction. Students meet with professional mentors from the Port Authority of New York once a week after school until May 2024. Participants help with real projects, and become eligible for scholarships later on. **Interested students must apply ASAP**: Students can sign-up for the Stuyvesant team (**Team 48**), which works with engineers and professionals from the Port Authority, by registering for Team 48 when following the steps below:

Click here - https://app.acementor.org/login

● If they are returning – log in with the email and password used last year

● If new click the purple "New Student" button

● Complete the 2023-24 Program Year Application, including Consent Form

Students may sign up for a Students may sign up for a

team after they register with Ace Mentor at the link above. For questions, you may send an email (ASAP) requesting more information to: greaterny@acementor.org

Eligible: All students

Dates: Afterschool sessions (from November – May)

Application Deadline: **October 19**

Location: Port Authority Offices, 4 World Trade Center, Manhattan (near Stuyvesant)

Cost: Free

Links: https://www.acementor.org/students/

https://app.acementor.org/login

https://www.acementorny.org/wp-content/uploads/2023/08/2023-24-Student-Handout.pdf

Deadline Approaching: **ChickTech High School**

"ChickTech High School is a free year-long series of hands-on tech workshops, mentoring, and internship connections for 8th- to 12th-grade female, non-binary, and other gender minority students (including transgender youth of any gender presentation or identity). Students can expect monthly hands-on workshops, from video game design to robotics, web development to environmental science, a supportive Discord community to chat about tech (& beyond!), mentorship opportunities with industry professionals working in STEM fields, and panel discussions and talks with a focus on career skills and diversity in tech."

Eligible: All students who identify as female, non-binary, transgender, or other gender minorities

Dates: October 15 – January 17, 2024 (mentorship program); November - June 2024

Location: Virtual

Cost: Free

*Application Deadline***: October 20** (mentorship program deadline), Rolling Basis

Link: https://chicktech.org/for-students/high-school/

Updated: **Make School Tutorials**

The Make School website offers tutorials on Introduction to Computer Science as well as various CS project such as mobile apps, websites, games, and more.

Eligible: All students

Cost: Free

Links: https://makeschool.org/mediabook/

https://makeschool.org/mediabook/tutorials/

https://makeschool.org/mediabook/course/cs-1-0/the-adventure-begins/the-adventure-begins/

Math Gym at the Museum of Mathematics

"Students will spend an hour independently working on engaging and beautiful math problems, hand-selected by MoMath's advisory council of math PhDs. Choose whichever challenges you like and explore them with the guidance and mentorship of an expert mathematician. If you love math and want to experience the incredible joy of mathematical discovery, you won't want to miss this enjoyable monthly program."

Eligible: All students

Dates: **October 25,** and once a month on a Wednesdays in subsequent months

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Link: https://momath.org/math-gym/

Updated: Museum of Mathematics Programs & Volunteer Opportunities:

Check the link below to access many of MoMath's programs (some are being offered for **free or at a reduced rate** for those in need) — please visit individual event pages for more information:

https://docs.google.com/document/d/1unOlFMAR0-lTeNXKh0DUB3l7lROhjrorcmxPoLIBr2k/edit?usp=sharing

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Medical/Life Sciences

New: Deadline Approaching: **Ladder Biotech/Healthcare Internships Program**

Ladder Biotech & Healthcare Internships Program is a selective start-up internship program for high school students, founded and run by Harvard graduate students. In the program, students work 1-1 with supervisors from top biotech and healthcare start-ups to work on real-world projects in a real start-up environment. **Our supervisors come from places like Stanford, UC Berkeley, Google, Microsoft and McKinsey.**

No prior working experience is required. The application deadline for the Fall Health tech cohort is **October 15**, here is the brochure and the application link.

Eligible: All students

Dates: October - December

Location: Virtual

Cost: $1,900 - $5,600 (Need-Based Aid available)

Application Deadline: **October 15**

Links:

https://www.ladderinternships.com/?utm_campaign=Ladder%20Outreach&utm_medium=email&_hsmi=276894031&_hsenc=p2ANqtz-92qUQ5QsuZXddSDS4hxyVNeAjBjF0M_YCXgJXKLZfBT4bMp-KKGDAgrYVM_-dztktWjtt35pxwrtZf_g54YVrvhtrbIQ&utm_content=276894031&utm_source=hs_email

https://airtable.com/appx1OFdMpDfxtEkR/shrNdEykWdhc4yeSv?prefill_How%20did%20you%20hear%20about%20this%20program%3F=AUGUST23_PRESTIGE&hide_How%20did%20you%20hear%20about%20this%20program%3F=true&utm_campaign=Ladder%20Outreach&utm_medium=email&_hsmi=276894031&_hsenc=p2ANqtz-9PuP4x2S75h81C1tJDkup7qo8UefqIvsokVJFCmr9hmE6c67UTZHa4Ta2EVt4g7nsx47bfBtBxR8fFGdPpdlGa-ZG9pw&utm_content=276894031&utm_source=hs_email

Program Start Date Approaching:

Science Alliance: High School Program @ American Museum of Natural History

"In this course, participants will look not only at the environmental effects of climate change but also at the challenges it presents to social equity. This interdisciplinary course will allow participants to play the role of both environmental policymakers and social activists to understand and respond to climate change concerns across New York City. Through the use of data science methodologies, field-based techniques, and collaboration with scientists and policy experts, participants will confront climate change as a multifaceted challenge and drive climate action through information science and policy work.

Students can choose the topics they want to explore: anthropology, astrophysics, conservation science, earth science, and evolutionary biology."

Eligible: Current freshmen and sophomores

Dates: **October 12** - December 14 (Tuesdays & Thursdays, 4:30 - 6:30 PM)

Location: American Museum of Natural History, 200 Central Park West, Manhattan

Cost: $1,000 (Reduced and Free Tuition Seats Available)

Application Deadline: **Rolling Basis**

Links: https://www.amnh.org/learn-teach/teens/science-alliance-high-school

https://amnh.qualtrics.com/jfe/form/SV_5cNx7h4QUXOPXdc

Deadline Approaching & New Dates Added: Perry Virtual Experience

"The Perry Virtual Experience is a free, 2.5-hour, interactive online experience for high school and college-aged who gender-identify as female or nonbinary and are interested in pursuing careers in orthopaedics and/or engineering. Each session is different, and participants will hear from women leaders in these fields and dive into online mock orthopaedic simulations and biomechanics experiments. The online session will be administered using Zoom meetings.

Sessions have limited capacity and are filled first come first serve, so don't delay!"

Eligible: All female and nonbinary students

Dates: October 24 (6–8:30pm), November 4 (10am-12:30pm), November 27 (6-8:30)

Location: Virtual

Application Deadlines: **October 16; 10/27; 11/20** (a week before each event)

Cost: Free

Links: https://perryinitiative.org/calendar/

https://perryinitiative.org/event/perry-virtual-experience-open-registration-19/

Perry Virtual Experience- Open Registration | Perry Initiative

https://perryinitiative.org/event/perry-virtual-experience-open-registration-21/

Glass Half Full or Empty: Illuminating the Human Transcriptome Course @ Columbia University

"Glass Half Full or Empty: Illuminating the Human Transcriptome is an advanced biology lab course for underserved high school students in New York City. This course meets on Saturdays & gives students an opportunity to explore cell biology, microbiology, genomics, and transcriptomics in a hands-on setting through labs. They collaborate with other students; our volunteers maintain a 4:1 student-teacher ratio to promote individual feedback sessions. This course empowers young students as they experience the process of contributing to a novel research project. These young adults finish the course feeling more prepared for college-level biology classes and feeling a sense of accomplishment after presenting their findings."

Eligible: All students may apply and may be accepted; focus on low-income & under-represented groups (including female students)

Dates: October 28 (10 AM - 4 PM), November 11 (9 AM - 5 PM), and November 18 (9 AM - 12 PM)

Location: Virtual or In-Person at Columbia University, 500 West 120th St

Cost: Free

Application Deadline: **<u>Rolling Basis</u>** (limited # of spots – apply soon)

Links: https://rcss.scienceandsociety.columbia.edu/research-projects/ongoing-project-glass-half-full-or-empty-illuminating-human-transcriptome

https://drive.google.com/file/d/16IEYfX5DUPmTL190qGG8Y_TVMy7DYF5T/view

https://docs.google.com/forms/d/e/1FAIpQLSc9nkqZvy2V1UACUSSBp1sCOdvh3reLkUTSnqSxvxEDfeqilw/viewform

https://www.youtube.com/playlist?list=PLg0JKLUfmkdnX8f1MXtQ4aTRA_EGZWra1

Perry Initiative In-Person Experience @Hospital for Special Surgery

"We will be holding our outreach event for high school students in the New York City area. Students, who gender-identify as women or nonbinary, in grades 10 and up who are interested in exploring careers in orthopaedics or engineering are encouraged to apply. In addition to six hands-on mock surgical exercises, participants will hear lectures from local women surgeons and engineers."

Eligible: All students who gender-identify as women or nonbinary, in grades 10 and up

Date: **Saturday, December 9**

Location: Hospital for Special Surgery, Manhattan

Application Deadline: **<u>November 9</u>** (limited capacity, seriously interested students should apply soon)

Cost: Free

Links: https://perryinitiative.org/event/perry-outreach-program-nyc-hss/

https://perryinitiative.org/wp-content/uploads/2023/05/New-York-HSS-POP-120923.pdf

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Theater/Writing/Music/Video:

New: **National Children's Chorus Academy**

"The country's leading music educators work with students ages 5-17 in small groups weekly to develop their vocal and musicianship skills from the most basic concepts through the college level. Tone quality, breath support and musical expression are cultivated within the individual singers, while working together as an ensemble culminates in an exciting array of performances and collaborating with an exceptional roster of professional artists from around the world."

Eligible: All students – Auditions required

Dates: Various – Auditions on October 28

Location: Virtual

Application Deadline: **Rolling Basis (auditions on October 28 -by appointment)**

Cost: $259 - $299/month, need-based scholarships offered

Links: https://nationalchildrenschorus.com/auditions/

https://nationalchildrenschorus.com/

https://nationalchildrenschorus.com/education/senior-division-new-york/

New: **Kenyon Review Patricia Grodd Poetry Prize for Young Writers**

Kenyon College in Ohio invites all current 10th & 11th-graders to enter their student poetry contest. The contest winner receives a full scholarship to their Kenyon Review Young Writers workshop. In addition, the winning poem and the poems of the two runners-up will be published in the Kenyon Review.

Eligible: Current sophomores and juniors

Application Deadline: **November 30**

Link: http://www.kenyonreview.org/contests/patricia-grodd/

Program Start Date Approaching: **Developing Artists Theater Program**

All students may apply to the Developing Artists Theater, which offers a free program for interested students. Participants are introduced to fundamental theater arts techniques designed to build confidence, explore self-expression, empower their creative voice and instill professionalism.

Eligible: All students

Location: Houghton Hall Arts (22 E 30th St, Manhattan)

Dates: **October 7** – December 16 (Saturdays from 12 – 6 pm)

Cost: Free

Application Deadline: **Rolling Basis** (first-come, first served)

Links: https://www.developingartists.org/schedule.html

https://form.jotform.com/232085413317147

Deadline Approaching:

Arts & Justice Teen Program at Brooklyn Academy of Music

"Do you think art can change the world? Unite your creativity and passion for social justice in this exciting performing arts program. Work with one of BAM's teaching artists and your fellow students to create an original theater piece that speaks to an issue you're fired up about—and then share it with your community on one of BAM's professional stages!"

Eligible: All students

Dates: October 16 – December 13 (Mondays, Wednesdays, 4:00 - 6:00 pm)

Location: Brooklyn Academy of Music (30 Lafayette Ave, Brooklyn)

Application Deadline: **October 9**

Cost: Free

Link: https://form.jotform.com/232044993605155

Deadline Approaching: **The Moth Virtual College Essay Writing Workshop**

"During this workshop you (10th-12th graders) will learn how to apply your Moth story to a personal statement for college applications. Instead of telling them about your work ethic, or study habits, or resilience, you can show them through your true, personal story."

Eligible: Current sophomores, juniors, and seniors

Date: October 14 (12 – 3 pm)

Location: Virtual

Cost: Free

*Application Deadline***: October 12**

Links: https://themoth.org/education/students

https://airtable.com/appAX1tP0I6qVtx3U/shr6M1sQLGHQfsrNY

Deadline Approaching: **MCC Theater Youth**

The MCC Theater Youth Company is offering free weekly acting & playwriting workshops to students between 14-19 years old. These meet one afternoon per week after school. Interested students must register for required after-school auditions on **October 18 & 19** (4:30 – 6:30 PM).

Eligible: All students

Dates: October – May 2024

Location: 511 West 52nd Street, Manhattan

Application Deadline: **October 17**

Cost: Free

Links: https://mcctheater.org/public-engagement-education/youth-company/

https://docs.google.com/forms/d/e/1FAIpQLSdFBWn2YSBTgRrLmzFzKs4VrpiFk9F3zzskHJBt33Ty3M3ShQ/viewform

Contests & Competitions:

New: **The USA Mathematical Talent Search**

"The USA Mathematical Talent Search (USAMTS) is a **free proof-based math contest** for US middle and high school students. Students receive written feedback on their work, and can earn prizes based on their performance.

Eligible: All students

Dates: Ongoing

Location: Virtual

Application Deadline: Round One solutions due by **October 16**

Cost: Free

Links: https://www.usamts.org/about/

https://www.usamts.org/?utm_source=Newsletter&utm_medium=email&utm_content=%5BWeekly+Update%5D+The+USA+Mathematical+Talent+Search+is+underway&utm_campaign=AoPS+Update+Email+-+10%2F04%2F2023

New: **Modeling the Future Challenge**

"The Modeling the Future Challenge is a real-world competition for high school students interested in actuarial research. Teams conduct an actuarial research project in which they make recommendations to companies, organizations, government agencies, or other groups based on their own mathematical models, real-world data analysis, and risk management. The top research teams from phase 2 are then brought

to the national MTFC Symposium to present their work for a shot at being one of four teams who share an award of $60,000."

Eligible: High school students in the United States who are taking junior or senior level mathematics classes such as statistics, probability, pre-calc, calculus or other similar high-level math classes.

Application Deadline: **November 19**

Links: https://www.mtfchallenge.org/
https://www.mtfchallenge.org/how-it-works/

New: Kenyon Review Patricia Grodd Poetry Prize for Young Writers

Kenyon College in Ohio invites all current 10th & 11th-graders to enter their student poetry contest. The contest winner receives a full scholarship to their Kenyon Review Young Writers workshop. In addition, the winning poem and the poems of the two runners-up will be published in the Kenyon Review.

Eligible: Current sophomores and juniors

Application Deadline: **November 30**

Link: http://www.kenyonreview.org/contests/patricia-grodd/

New: TurnUp Civic Tech Challenge

"The TurnUp Civic Tech Challenge welcomes folks under age 26 to share their idea for a civic technology project that will promote youth voter registration, turnout, or activism. Enter for the chance to win up to $25,000 and TurnUp's support to help bring your vision to life. We welcome projects in any phase of execution, whether it's an idea or already in the works."

Eligible: All students

Application Deadline: **December 1**

Cost: Free

Link: https://www.turnup.us/turnup-tech

Opportunity Lists and Resources:

New: **HippoCampus**

"The free, open-source HippoCampus website provides multimedia resources for high school and college students. Explore lessons on topics ranging from DNA to the chemical and physical properties of solutions to kinetic theory and thermodynamics. HippoCampus includes presentations and videos in several subject areas, including biology, statistics, calculus, environmental science, physics, and algebra. The website also offers algebra and calculus lessons in Spanish."

Eligible: All students

Dates: Self-paced

Location: Virtual

Cost: Free

Link: https://www.hippocampus.org/

Teen Life: Useful alphabetized list of local programs:

https://www.teenlife.com/?SPNYC_View_All

StandOut Search High School Internship Database

"StandOut Search is an online database created by students from UChicago. It is a free searchable database for high school internships, research opportunities, and summer

programs. Each opportunity is selected by current college students based on what they did in high school and double-checked that it is a good fit for high school students."

Link: https://standoutsearch.pory.app/

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Scholarships:

Event Approaching: Big Apple College Fair and $2,500 Scholarship Raffle

"The college fair offers attendees the opportunity to speak with over 200 college admissions representatives from not only New York State, but from as far away as California, Canada, and England to name a few. This opportunity is free to attendees. In addition, the Big Apple offers a raffle for all high school seniors to enter. Ten lucky students drawn will get a $2,500 scholarship."

Eligible: All students

Dates: **Sunday, October 8** (1 – 4pm)

Location: Jacob Javits Center – Hall 1A, Manhattan (655 W 34th Street New York, NY 10001)

Application Deadline: **Rolling Basis**

Cost: Free

Link: https://www.bigapplecollegefair.com/

Deadline Approaching: AES Engineering Scholarship

"AES Engineering is pleased to be able to continue offering scholarships to motivated students to help in the furthering of their education. We are offering a scholarship that

will be awarded based on character, as determined by an evaluation of the essays that are submitted. Students must submit an essay of between 500 and 1000 words in answer to the following question: When you look back on your life in 30 years, what would it take for you to consider your life successful? What relationships or accomplishments will be important on this journey? The winner will be awarded **$500**."

Eligible: Current seniors

Application Deadline: <u>**October 8**</u>

Links: https://aesengineers.com/scholarships.php

Deadline Approaching: **Stony Brook University's Simons STEM Scholarship**

"The Stony Brook Simons STEM Scholars Program will be a training ground for the next generation of diverse leaders in science, technology, engineering, and mathematics and will vastly improve the pathway to STEM careers for underrepresented students here at Stony Brook University. The Stony Brook Simon's STEM Scholars program offers its students opportunities including fully-funded educational costs, dedicated on-campus immersive community housing, real-world internship and research opportunities, a fully-funded summer program for first-year students before classes begin, personalized academic and career advising, summer paid research opportunities, and application support and preparation for graduate school."

Eligible: All students who are from underrepresented groups in STEM

Application Deadline: <u>**October 15**</u>

Links: https://enroll.stonybrook.edu/register/simons-STEM-scholarship

https://enroll.stonybrook.edu/register/?id=a097e06b-bee1-40da-8c36-bfaab0351885

Resume & cover letter templates for basic student resumes may be accessed at the following links:

http://jobsearch.about.com/od/resumesandcoverletters/l/blhighschool2.htm

http://jobsearch.about.com/od/resumetemplates/a/templatehs.htm

If you are selected for or enroll in any of the above opportunities, please inform Mr. Blumm ASAP at: hblumm@stuy.edu

Whichever extra-curricular program, internship, or community service activity a student may participate in, they should be sure to ask their supervisor/coordinator to write a letter of appreciation before it concludes – it is sometimes very difficult to obtain this later on. And the more personal & detailed the letter, the better. A copy should then be submitted to your counselor.

Please feel free to contact Harvey Blumm at hblumm@stuy.edu with any questions or feedback on any items in this message, or with any suggestions or concerns you may have. **And always feel free to share any information about opportunities that may be of interest to our parents, teachers, or students.**