Stuyvesant Student Opportunity Bulletin #14S

December 8, 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 informs 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.
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 many excellent opportunities in this issue - including several highlighted below. A good number of programs & contests have upcoming deadlines.

EVENTS: Students may join two separate, interesting STEM-focused events on Wednesday, 12/13. At the New York Hall of Science (5:15-7:00pm), "**Physics & Ice Skating**" combines presentations from eminent physicists with ice-skating/bubbles fun!
The Columbia Climate School's Virtual free program: "**Building Towards Climate Justice & Resilience/Urban Planning**" is open to all (4:00-4:30pm). And the **NYU Tandon School of Engineering** has scheduled an online Information Session about its many summer STEM programs (some free, some offer financial aid) for **December 14th**.

ACADEMICS: The free **City Tech STEM Research Academy** spring/summer program in Brooklyn for 10th and 11th graders is accepting applications until **12/22**. The Museum of Mathematics' **Math Expansions** classes have an application deadline of **December 10th**.

COLLEGE PREP: The **Let's Get Ready** free program for juniors offers free SAT test prep, along with 1;1 near-peer mentoring (from supportive college students) throughout the admissions process, and even during your college years.

MUSEUMS/ART: The free "**Teens Curate Teens**" Manhattan program allows students from all grades to work on creating a real art exhibit of work by their peers.

And several museums, including **the Whitney** and the **Museum of Jewish Heritage** have interesting hands-on art/museum management programs with approaching deadlines.

PARKS/NATURE: **Inspiring Girls Summer Expeditions** welcomes female students (16-18) to apply for their free 12-day wilderness/science education trips in Colorado or Alaska.

THEATER/PERFORMANCE: **The "All In(clusive) NYC Teen Theater Ensemble**" welcomes applications from all students for its' 12-week (January-April) musical theater project – participants work with professionals to create a show based on their own experiences. The deadline to apply is **December 14th.**

Events of Interest to Students:

New: Event Approaching: **Physics and Ice Skating STEM Night**

"Want to relive memories of playing with bubbles as a kid while learning how to turn it into a career? Join us to get inspired by Yuan Fang, who directs research and development for PepsiCo, and Dr. Gene Edward Van Buren, who is a physicist at Brookhaven National Laboratory. Then make giant, colorful bubbles and glide away on our indoor skating rink with glittering snow. Light refreshments will be provided at the start of the event. *Check in starts at 5:00pm and ends at 5:15pm*."

Eligible: All students

Date: **December 13** (5:30–7:00pm)

Location: 47-01 111th Street, Corona

Cost: Free

Link:

https://docs.google.com/forms/d/e/1FAIpQLSdXfzr2buVXUsiRgnoRLm_6Y0Ne1M1ltDEQnvaBJa5rAotY0A/viewform

New: **Columbia Climate School Live Online Event**

All are welcome to join this event: "**Building Towards Climate Justice & Resilience**." This session will explore the relationships between urban planning, design, policy, and climate resilience in Colombia and the ideas and practices that could advance climate justice. We will share examples and ideas from Columbia's partnership with local stakeholders."

Eligible: All students

Date: **December 13** (4:00-4:30pm)

Location: Virtual

Application Deadline: **Rolling Basis**

Cost: Free

Links: https://events.columbia.edu/cal/event/showEventMore.rdo
https://www.climate.columbia.edu/

New: Event Approaching:

 NYU Center for K12 STEM Education Info Session

"NYU Tandon School of Engineering is pleased to offer an informational session in which students or parents can learn about the Center's varied summer programs for middle and high school students in engineering, digital design, machine learning,

Smart Cities technologies, and more. Attend to learn details, hear about the application process and deadlines, and to ask questions."

Eligible: All students

Dates: **December 14** @ 6:00 PM

Location: Virtual

Link:

https://nyu.zoom.us/webinar/register/5817012862800/WN_EWHNXV9YQmSeJSdAO07n-g?mc_cid=13dc5b041b&mc_eid=0f60c7bf98#/registration

Events Approaching:

Lincoln Center Passport to the Arts for Students with Disabilities

"Free concerts, opera, ballet, and other world-class performing arts. Designed for children, teens and adults with disabilities and their families, Passport to the Arts provides a welcoming, accessible, and cost-free introduction to the performing arts at Lincoln Center. Families are invited to attend performances, interactive workshops, and virtual events with Lincoln Center for the Performing Arts, New York City Ballet, The Metropolitan Opera, the New York Philharmonic, Jazz at Lincoln Center, Chamber Music Society, and more."

Eligible: All students

Dates: November - December

Locations: Various depending on the event

Application Deadline: **Rolling Basis**

Cost: Free

Links: https://wwww.lincolncenter.org/series/accessibility-at-lincoln-center/s/Passport%20to%20the%20Arts

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Academic Programs:

New: **Carnegie Mellon Pre-College Programs**

"Carnegie Mellon's Pre-College Programs mirror the undergraduate experience, giving rising juniors and seniors the opportunity to explore their interests and passions while receiving instruction from acclaimed Carnegie Mellon faculty and staff. Students may apply for various programs, including AI Scholars, Architecture, Art, Computational Biology, Computer Science Scholars, Design, Drama, National High School Game Academy, Music, Summer Academy for Math and Science, Summer Session, and Writing & Culture."

Eligible: Current sophomores & juniors

Dates: Summer 2024

Location: Carnegie Mellon University

Cost: $4,872 - $12,454 (Full Need-Based Scholarships Available)

Application Deadline: **February 1, 2024** (Early Decision), **March 1, 2024** (Regular Decision and Financial Aid)

Links: https://www.cmu.edu/pre-college/index.html

https://www.cmu.edu/pre-college/cost-financial-aid/index.html

New: **Summer Institute for the Gifted (SIG)**

"Our unique STEAM+ curriculum focuses on applying creative thinking across multiple disciplines to solve real-world problems. Our curriculum spans all facets of STEAM and humanities. We encourage students to explore their interests while introducing them to new and intriguing topics. Students gain strong research and creative problem-solving skills vital to college and professional careers."

Courses include Logic & Innovation, Global Politics Unveiled, Neuroscience, Quantum Mechanics, Technical Design with VEX Robotics, and more.

Eligible: All students

Dates: Summer (2–3 weeks)

Locations: Various campuses including UCLA, Yale, Boston University, and more

Application Deadline: **Rolling Basis**

Costs: Various

Link: https://www.giftedstudy.org/

Some Deadlines Today & Approaching: College Now Programs

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.** Check the link below for the full list of programs with updated information for next term.

Priority Deadline Today: 1 – Hunter College

Eligible: Sophomores, juniors, and seniors

Dates: January 25 – May 22, 2024

Location: 695 Park Ave, Manhattan

Examples of Courses Offered: Classics, Computer Science, Psychology, Education, Media, Music Theory, Nutrition, Public Health, Math, Sociology

*Application Deadline***: December 8** (Priority Deadline)

Links: https://www.hunter.cuny.edu/college-now/How%20to%20Apply

https://orapp.hunter.cuny.edu/ords/f?p=194:LOGIN_DESKTOP:16822813786408

Deadline Approaching: 2 – BMCC

Eligible: Juniors and seniors

Dates: January 27 - May 24

Location: Virtual

Examples of Courses Offered: Fundamentals of Public Speaking, Introduction to Sociology, General Psychology

*Application Deadline***: December 15**

Links: https://www.bmcc.cuny.edu/academics/success-programs/college-now/

https://drive.google.com/file/d/1TVNmeorAeOM862iMIJpoMLhtSYpIx861/view?usp=sharing

Updated List of Spring Term College Now Programs:

https://docs.google.com/document/d/1siNWelQwfDkhKZ3rgmlNL4CBAELx_EE9/edit

Program Dates Approaching: Expansions Math Workshops at MoMath

"Expansions workshops are designed and delivered by MoMath's educational team to illuminate the wonders of mathematics, challenge and inspire students, and broaden their mathematical horizons. With topics ranging from fractals to cellular automata, these afternoon classes provide an opportunity for participants to learn advanced and fascinating topics not included in the standard K–12 curriculum."

Eligible: All students

Dates: **December 10** – February 25 (Sundays)

Location: Museum of Mathematics (11 E. 26th Street, Manhattan)

Cost: $795 (Scholarships available)

*Application Deadline***: Rolling Basis**

Link: https://momath.org/expansions/

Priority Admission/Financial Aid Deadlines Approaching:

Columbia Engineering's Summer High School Academic Program for Engineers (SHAPE)

"SHAPE is geared toward students with an aptitude for STEM: science, technology, engineering, and mathematics. Each 3-week session offers college-level, project-based courses in engineering taught by prestigious faculty at Columbia University. Students engage with peers and Columbia University faculty, staff, students, alumni, and industry partners through interactive programming, site visits, and workshops. Available courses include Robotics and Autonomous Driving, Biomedical Engineering, Geoengineering, Competitive Programming, Electrical Engineering, and more."

Eligible: All students

Dates: Session 1: July 8 – 26, 2024, Session 2: July 29 – August 16, 2024

Location: Columbia University's Morningside Campus

Cost: $5,500 (full, need-based scholarships available)

*Application Deadline***: December 15** (the priority and financial aid deadline), **March 26** (the final deadline)

Links: https://outreach.engineering.columbia.edu/content/shape-summer-high-school-academic-program-engineers

https://outreach.engineering.columbia.edu/content/faqs

https://apply.engineering.columbia.edu/apply/?sr=6101d545-06c6-4174-91ac-a6574a0ca856

Deadline Approaching: **Summer Discovery Career Accelerator Program**

"Our Career Accelerator programs combine education and career exploration to deliver a summer pre-college experience unparalleled in the industry. Students have the chance to learn the critical subject matter, build their resumes, and discover new pathways to success. Career Accelerators are being offered in five subject areas: Engineering, Medicine, Game Design, Entrepreneurship, and Leadership. Students engage in hands-on learning by discussing real-world case studies and participating in action-based classroom activities, all while living and learning on a college campus."

Eligible: All students

Dates: Various in Summer 2024

Locations: Various universities (Georgetown University, John Hopkins University, University of Michigan, etc.)

Cost: $3,199 - $4,399 ($100 Application Fee)

Application Deadline: **December 15**

Links: https://www.summerdiscovery.com/career-accelerators

https://app.smartsheet.com/b/form/d61ef49bf56a48ab90a1abbb8b6362c2

Deadline Approaching: **STEM Research Academy at City Tech College**

"The College Now STEM Research Academy at City Tech is a two-part program designed to provide high school students with an opportunity to develop strong college level research skills by engaging in authentic science inquiry and research activities. Selected students will be enrolled into a free Spring 2024 pre-college research course. Upon successful completion of the spring course, students will have the opportunity to apply for the 2024 STEM Summer Research Internship."

Eligibility: All Sophomores & Juniors with average of 80+

Dates: **Spring 2024:** February 17, 2024 - June 1, Saturdays, 10 AM - 2 PM

Summer 2024: June 27 - August 15, 2024, Monday -Thursday, 9 AM - 4 PM

Location: City Tech: 300 Jay Street, Brooklyn

Cost: Free

Application Deadline: **December 22**

Links: https://www.citytech.cuny.edu/collegenow/stem-research-academy.aspx

https://www.citytech.cuny.edu/collegenow/docs/2024_CITYTECH%20CN_STEM_Spring_Application_Package.pdf

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Business & Jobs

New: **Stevens School of Business Trading Day Game/Competition**

"Trading Day incorporates both a virtual and live trading competition, as well as educational webinars which are moderated by the finance faculty at Stevens on topics such as understanding:"

- How the stock market works
- What inflation is and how it affects the market
- What are the intricacies of the cryptocurrency markets
- How the Covid-19 pandemic affected the financial markets

Eligible: All current sophomores and juniors

Dates: February/March

Location: Virtual and in-person

Application Deadline: **Rolling Basis**

Cost: Free

Links:

One day paid job on New Year's Eve: The Balloon Saloon store near Stuyvesant (133 West Broadway, at Duane Street), needs up to 20 Stuy students to help blow up helium balloons starting about 10:00am on Sunday, December 31st

Students should expect to work a full day – pay: $150. To apply, stop by the store soon and ask for Sharon or Tiffany (ASAP).

Events Approaching: **NYC Exploring Careers Program**

"Students interested in learning about different career paths can join the NYC Exploring program. It 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.

Here's a quick list for your convenience of the programs we have scheduled for Fall 2023:

- **Queens County District Attorney's Office** (Law & Government) Tuesdays at 4:30-6:00pm 12/12, 1/9
- **Kings County District Attorney's Office** (Law & Government) Thursdays at 4:30-6:00pm 12/19, 1/16, 1/30, 2/13, 2/27, 3/12, 3/26, 4/9, 5/7, 5/21, 6/4
- **Ostroff Electric** (Engineering/Construction) Tuesday 12/12 4:30-6:00pm
- **LaGuardia Airport** (Aviation) Thursdays at 4:30-6:00pm 12/21, 1/18, 2/15, 3/21, 4/18, 5/16
- **Lenox Health Greenwich Village** (Healthcare) Thursdays at 4:30-6:00pm 1/18, 2/15, 3/21, 4/18, 5/16

Eligible: All students

Dates: Various throughout the Fall 2023 term

Locations: Various

Cost: Free

Application Deadline: **Rolling Basis**

Links:

https://scoutingevent.com/Download/640122167/OR/Ostroff_Electric_Fall_2023.pdf

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

https://nyexploring.org/calendar/

https://scoutingevent.com/Download/640122167/OR/Ostroff_Electric_Fall_2023.pdf

https://drive.google.com/file/d/1lb7Uad_zKactbllTxtsad8IRToLoNDMJ/view?usp=sharing

One Deadline Approaching: **Wharton School of Business Summer Program**

"Wharton Global Youth's On-Campus Programs are immersive, pre-collegiate experiences for students currently enrolled in grades 9–11. Led by Wharton faculty and instructional staff, these programs take place in-person on Wharton's Philadelphia or San Francisco campus. Students get to explore topics driven by Wharton research and teaching, engage with our rigorous business education, and network with peers in an Ivy League environment. Some programs offered include Essentials of Entrepreneurship, Essentials of Finance, Data Science Academy, Management & Technology Summer Institute, Moneyball Academy."

Eligible: All 9th, 10th, and 11th grade students with a minimum GPA of 3.3

Dates: Various in the summer from June to August

Location: Virtual and in-person options (Philadelphia or San Francisco campuses)

Cost: Various: Financial aid may be available

*Application Deadlines***: December 13** (Moneyball Academy course deadline), **January 31, 2024** (priority deadline) & **April 1, 2024** (final deadline)

Links: https://globalyouth.wharton.upenn.edu/on-campus-programs/application-information/

Deadline Approaching: **Summer Discovery Career Accelerator Program**

"Our Career Accelerator programs combine education and career exploration to deliver a summer pre-college experience unparalleled in the industry. Students have the chance to learn the critical subject matter, build their resumes, and discover new pathways to success. Career Accelerators are being offered in five subject areas: Engineering, Medicine, Game Design, Entrepreneurship, and Leadership. Students engage in hands-on learning by discussing real-world case studies and participating in action-based classroom activities, all while living and learning on a college campus."

Eligible: All students

Dates: Various in Summer 2024

Locations: Various universities (Georgetown University, John Hopkins University, University of Michigan, etc.)

Cost: $3,199 - $4,399 ($100 Application Fee)

Application Deadline: **December 15**

Links: https://www.summerdiscovery.com/career-accelerators

https://app.smartsheet.com/b/form/d61ef49bf56a48ab90a1abbb8b6362c2

Updated:

InvestIn Career Opportunities Information Session + Podcasts & Career Guide

"We are delighted to share with you an **Information Webinar on December 14th** about our career opportunities, which are available in 19 cutting-edge industries. Learn directly from some of the world's best professionals - doctors, lawyers, engineers, investment bankers and more - through a series of live, interactive simulations which provide tailor-made professional experiences to ages 12-18."

Available careers: Medicine, Engineering, Investment Banking, Law, Psychology, Architecture, Art, Dentistry, Entrepreneurship, Fashion, Filmmaking, Forensic Science, International Development, Journalism, Politics, Software Engineering, Vet,

Video Game Design, and Writing.

Eligible: All students

Dates: Various; Information Session on **December 14**

Location: Virtual or in-person in London, England (summer)

 Application Deadline: **Rolling Basis**

Cost: Various

Links: https://investin.org/

https://investin.org/blogs/news/dear-investin-podcast-your-career-questions-answered

https://investin.org/blogs/news/the-investin-new-year-career-guide

https://us02web.zoom.us/webinar/register/WN_n0qrzwF9Sq2UDrXTzwGAmQ?utm_source=US+SCHOOLS+MASTER&utm_campaign=6f134d55c6-bankersschoolmar_COPY_01&utm_medium=email&utm_term=0_8bff0ae415-6f134d55c6-137735383&mc_cid=6f134d55c6&mc_eid=100ce0f176#/registration

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Community Service

New: **READ 718 Remote Literacy Program**

"The READ 718 Remote Afterschool Program is looking for engaged and motivated high school sophomores and up to join our team of remote volunteer tutors. Our Winter Cycle runs from January 8 to March 21, 2024 and tutors meet twice a week over Zoom for one-hour, one-to-one lessons with a NYC child grades 3-8. All volunteers attend a remote training and receive a lesson-plan and materials curated by a READ 718 staff member and provided with lesson plans and guidance throughout the cycle. This is an opportunity to really make a positive difference in a child's life and support literacy and education in Brooklyn."

Eligible: Sophomores and older students

Dates: January 8 – March 21

Location: Remote

Application Deadline: **December 31**

Links: https://www.read718.org/remote-volunteer

https://drive.google.com/file/d/1lFkJCoAJ25Gdxauhbq7HdNVAwdxh20Em/view?usp=sharing

For a list of **food programs** that help hungry New Yorkers, click this link:

https://docs.google.com/document/d/1OFnXZM8qNJCLWRhPwOYSNqxOBokfK9i2/edit?usp=sharing&ouid=115396606750532126369&rtpof=true&sd=true

List of Current Volunteer Tutoring Opportunities:

https://docs.google.com/document/d/1kRjJAWy3m2QuRHAZomsNQUpek0fQtfPtEVoZKGFLbHA/edit?usp=sharing

Event Approaching: **City Harvest**

Students can volunteer at Greenmarket Rescues and Mobile Markets (year-round). Volunteers will need to submit a Youth Release & Waiver and a Volunteer Policies and Procedures form. Volunteers will need to be accompanied by an adult chaperone over the age of 21 to all shifts they participate in as well as attend a virtual orientation on **December 18** using the link below with their chaperone. Information about volunteering projects will be provided at the orientation.

Eligible: All students

Dates: Virtual Orientation: **December 18**; Various for volunteering shifts

Locations: Various

Application Deadline: **Rolling Basis**

Links:

https://cityharvestvolunteers.civicore.com/index.php?section=trainingList&action=list

https://cityharvestvolunteers.civicore.com/index.php?section=Individual%20Opportunities&action=calendar

Immigrant Social Services (ISS) Volunteers

"Immigrant Social Services welcomes volunteers who would like to offer different skills in support of organization's work in Chinatown and Lower East Side. We often need volunteers with skills in the following areas:

- Chinese Language translation and interpretation in Simplified/Traditional and all dialects
- Graphic Design: Assistance with creating digital and printed collateral using photoshop and/or Canva
- Social Media Engagement Strategy: Help us amplify our programs and resources through Facebook, Instagram, and Twitter
- Website: frontend design, content management, and backend support on WordPress
- Communications: Assistance with managing our Wechat and email lists
- Tutoring, middle & high school admissions advice, and basic coding skill building"

Eligible: All students

Dates: Fall term (at least once a week)

Location: Virtual and In-person in lower Manhattan

*Application Deadline***: Rolling Basis**

Links: https://issnyc.org/volunteer/

https://docs.google.com/forms/d/e/1FAIpQLSeC8sVCJcExgmjtIQPlI1yEjqsJVwvoFa4cTWnNtWoZCvda_g/viewform

Tzu Chi Foundation Computer Science and Food Pantry Opportunity

"The Tzu Chi Foundation is an international humanitarian organization whose mission is to relieve the suffering of those in need while creating a better world for all. The Tzu Chi Chinatown Food Pantry provides groceries and support to the local NYC community. With over 500 recipients, we need a more streamlined and efficient process to verify recipient IDs and registration. If you have skills in computer science, application-building skills, and leadership that can help us improve this process, please email: agy2110@columbia.edu and manhattan_admin@tzuchi.us."

Eligible: All students with experience in computer science

Dates: Various

Location: TBA

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://tzuchi.us/who-we-are

https://signup.com/client/invitation2/secure/1769959334676400101/false#/invitation

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College Prep

Updated for Spring Term:

Let's Get Ready (LGR) SAT and Personal College Application Support Program

"Enroll with Let's Get Ready to receive FREE SAT prep and/or direct support with the college admissions and financial aid process. As an LGR student, you'll receive a near-peer college student mentor, intensive SAT preparation including Zoom classes and access to our virtual learning platform, college application and financial aid

guidance, and support TO and THROUGH college! Students may choose not to receive the SAT prep component if they wish."

Eligible: Current juniors

Dates: January 29 – March 29 (twice per week, from 5:00 – 7:00pm)

Location: Virtual

Cost: Free

*Application Deadline***: January 15**

Links: https://docs.google.com/document/d/1n2u5DIuXea5fDLR3U7gXsNc0jVIuaiWZ/edit?usp=sharing&ouid=107978315235966554625&rtpof=true&sd=true

https://www.letsgetready.org/

https://docs.google.com/document/d/1ihEawDrZal_tVRMOk8tTeqNygOfSlG-3/edit?usp=sharing&ouid=107978315235966554625&rtpof=true&sd=true

Events Approaching: SUNY Information Sessions

These in-person and online sessions provide helpful information about different State University of New York (SUNY) campuses, financial aid, FAFSA completion, special programs, and more.

Eligible: All students & parents

Dates: Various in December

Location: Virtual and in-person (location TBD) options available

Cost: Free

Link: https://www.suny.edu/attend/events/

Deadline Approaching: Thrive Scholars 6-Years Program

"We provide high-achieving students of color from low-income communities the opportunities they need to thrive at top colleges and in meaningful careers. Our program offers six years of comprehensive support from high school to early career.

We help our Scholars find "best fit" selective colleges and to showcase their qualifications for admittance into these elite schools.

Scholars receive expert college advising, intensive pre-college academic prep, social-emotional support, financial support, and career development."

Eligible: Current juniors (Preference given to students from underrepresented backgrounds or economically disadvantaged)

Dates: 6-week residential Summer Academy sessions

Location: Amherst College and the University of Chicago

Cost: Free

*Application Deadline***: December 15**

Links: https://www.thrivescholars.org/programs/six-year-program/

https://thrive.tfaforms.net/4911910

Deadline Approaching: **Thrive Scholars – Thrive Academics**

"Thrive Academies is a summer program that provides rigorous academic preparation on a world-class college campus in your community over the course of two summers starting in the summer after junior year of high school. Each summer students will participate in a six-week local day program that includes daily math and writing courses, in addition, to college admission support and community-building activities. Scholars receive expert college advising, intensive pre-college academic prep, social-emotional support, financial support, career development, and access internship opportunities."

Eligible: Current juniors (Preference given to students from underrepresented backgrounds or economically disadvantaged)

Dates: 2 six-week summer sessions in 2024 and 2025

Location: Various

Cost: Free

Application Deadline: **December 15**

Link: https://www.thrivescholars.org/thriveacademies/

https://thrive.tfaforms.net/4911910

Deadline Approaching: Thrive Scholars – OnRamp

"OnRamp is a free pre-college program focused on ensuring young Black/Generational African American males (defined as descendants of enslaved people in the United States) have the opportunities and the preparation to excel. The program takes place between the spring term of the 10th and 11th grades. OnRamp empowers students to gain admission and thrive at leading universities while preparing for successful careers that offer economic mobility. Our OnRamp Scholars are given early access to our signature Summer Academy program, all while living on a college campus. Scholars receive expert college advising, intensive pre-college academic prep, social-emotional support, financial support, and career development."

Eligible: Current Sophomore Black/Generational African-American males

Dates: June – August, 6 weeks

Location: Various

Cost: Free

Application Deadline: **December 15**

Links:

https://www.thrivescholars.org/onramp/?navOpen=https://www.thrivescholars.org/onramp-application/

https://thrive.tfaforms.net/4911921

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Leadership/Government/Law/Cultural/Programs

New: **Youth Abolition Training Program with Columbia University**

"Youth Voices Lead is a community training program for youth organizers to strengthen their human rights knowledge and artistic tools and discover how to take action for abolition and racial justice change. In collaboration with the Initiative for a Just Society (IJS) at Columbia University, this cohort will engage around the concept of abolition as it relates to mass incarceration, policing, and racial discrimination in the United States. This program will provide emerging youth leaders with an opportunity to connect the larger concepts of abolition to issues that directly impact their communities." This program involves a cumulative project, a Columbia University student mentor, and a $250 stipend.

Eligible: All students

Dates: February 29 — June 8, 2024

Location: TBD (Manhattan or Brooklyn)

Application Deadline: **January 29, 2024 (11:59 pm)**

Cost: Free

Link: https://www.artejustice.org/youthvoiceslead

Events Approaching: **Miss CEO Leadership Lab**

"The Miss CEO Leadership Lab is a live-online course designed exclusively for high school students interested in developing valuable leadership skills, spearheading high-impact projects in their communities, exploring innovative careers, and learning directly from influential female leaders, Stanford faculty, and mentors. By the end of this highly engaging and inspiring program, students will learn and practice skills critical for navigating diverse goals, from academic responsibilities and

extracurriculars to presentations, interviews, and applications. Furthermore, students receive individual guidance on decisions related to internships, jobs, research opportunities, colleges, and career paths."

Eligible: All students who identify as female

Dates: **December 9 - 10** (4:00 - 6:00 PM)

Location: Virtual

Cost: $269 (Financial Aid Available)

Application Deadline: **Rolling Basis**

Link: https://www.missceo.org/leadership-lab

Early Deadline Approaching: Campo Amigo 2024 Program - AYUDA

"American Youth Understanding Diabetes Abroad (AYUDA) has applications open for their 2024 summer volunteering program, Campo Amigo! Working with a non-profit dedicated to empowering youths and educating communities living with diabetes worldwide, volunteers will attend virtual training programs on topics like cross-cultural communication and diabetes in a social context, develop strategies to fundraise $7,000 for the program, and work directly with communities in collaboration with a local partner for two weeks in-country in the Dominican Republic! We are looking for highly motivated teens with adaptability and a multicultural outlook.

Eligible: Students who are at least 16 years old

Dates: March 5 – August 31, 2024

Location: Virtual, then Santo Domingo, Dominican Republic

Cost: Free (excluding airplane fare and personal spending, but exceptions depending on how much you raise), **with $7,000 fundraising requirement**

*Application Deadlines***: December 10** (early deadline), **February 18** (final deadline)

Links: https://www.ayudavolunteer.org/campo

https://www.ayudavolunteer.org/application-info

https://ayudavolunteer.typeform.com/ayuda2024

International Programs for High School Students

Here is a link for several other international programs:

https://docs.google.com/document/d/1o9fQ3DlD_BMgW_mtmWW2o_HJ4ktbzWoT/edit#heading=h.gjdgxs

NYC Youth Leadership Councils (YLCs)

"NYC Youth Leadership Councils (YLCs) are the place to make real change happen in your school, neighborhood, or community. High school students can join a YLC to partner with peer leaders and adult allies and take action on the issues that matter to you most. YLCs in all five boroughs need students like you to share your stories, passion, and ideas—you already have what it takes. Join a YLC and make a difference today! Benefits include gaining insight into potential college and career opportunities, getting community service hours, developing personal and personal skills, and receiving a certificate of achievement."

Eligible: All students who are at least 14 years old

Dates: Various

Locations: Various (virtual and in-person options available)

Cost: Free

Application Deadline: **Rolling Basis**

Link: https://growingupnyc.cityofnewyork.us/generationnyc/ylc-application/

Museums, Art, Photography:

New: **Arts Connection Teens Curate Teens (TCT) Program**

"Teens Curate Teens is a semester long, weekly exhibition program in which a small group of teens will curate an art exhibition. Make a statement. Tell a story. Curate an exhibition that not only demands attention but also sends a message that resonates with you and your community. An exhibition that is for teens and by teens.

TCT brings together NYC high school artists and curators to produce a public, group art exhibition based on a subject selected by teens. This year's theme is Identity Expression."

Eligible: All students

Dates: Spring 2024

Location: 520 8th Avenue (#321), Manhattan

Application Deadline: **January 24, 2024 (11:59 pm)**

Cost: Free

Link:

https://airtable.com/appQuqObez96NaMtU/shr3xYXKbVT6V5C08?mc_cid=1314e97d35&mc_eid=d56b4cad94

New: **Guide to Summer Art Programs & Internships**

Teen Life magazine offers this general guide to art-related summer options for high school students:

Link: https://www.teenlife.com/guide-to-performing-visual-arts-colleges/

Events Approaching: MoMA Open Art Space

"Open Art Space is a relaxed, weekly, drop-in program for LGBTQ+ high school students and their allies who are interested in thinking about and making art in a creative and welcoming environment. This year we will explore art making, hear from artists, have VIP gallery tours, and so much more. This program is free and open to all high school–age participants. No previous art-making experience or registration is necessary. Metrocards, snacks, and supplies will be provided. Email questions to momateens@moma.org."

Eligible: All students

Dates: **Every Thursday**, 4:30 - 6:30 PM (no session on Thanksgiving Day)

Location: Lewis B. and Dorothy Cullman Education and Research Building, 4 West 54 Street

Cost: Free

Application Deadline: **Rolling Basis**

Link: https://www.moma.org/calendar/programs/199

Event Approaching: Saturday Sketching at The Met Fifth Avenue

"Sketch from works of art in The Met Fifth Avenue's galleries and experiment with different drawing approaches. Build your skills with a teaching artist and share your works of art with other teens. Thinking of applying to an art high school or college? These classes are a great way to build a portfolio. All experience levels are welcome and all materials are provided."

Eligible: All students

Dates: **December 9** (1:00 – 3:00pm)

Location: The Met Cloisters (99 Margaret Corbin Drive, Fort Tryon Park)

Cost: Free

*Application Deadline***: Rolling Basis**

Link: https://www.metmuseum.org/events/programs/met-creates/saturday-sketching

Event Approaching: Met Museum Teen Fridays

"Come on over to The Met for Teen Fridays—the place for teens to be creative, have snacks, and meet other teens with similar and different interests. Explore passions, ideas, and new activities every first and third Friday of the month. Drop in to join in teen-centered activities planned by teens, hang out and listen to music in a stress-free space meet and collaborate with teens and creative professionals, get creative in an open studio, hone your skills and experiment with fashion, design, writing, performance, music, art, and more. For teens at all levels of expertise and interest."

Eligible: All students

Dates: **December 15**, January 19, 2024, April 19, 2024, and subsequent Fridays (4:30 – 6:30 pm)

Location: The Met Fifth Avenue (1000 Fifth Avenue, Manhattan)

Cost: Free

Application Deadline: **Rolling Basis**

Link: https://www.metmuseum.org/events/programs/met-creates/teen-fridays/teen-fridays

Deadline Approaching: Museum of Jewish Heritage Paid Apprentice Program

"The High School Apprenticeship Program offers New York City public high school students a challenging program of study and work designed to give them a behind-the-scenes look at what it is like to work in the Museum and explore Jewish heritage and their own. After an extensive spring training, apprentices work part-time (five days per week, Monday – Friday from 10 AM – 3 PM) during the summer in different Museum departments and are introduced to the curatorial, educational, administrative, and operational sides of the Museum. Apprentices are paid for their participation in

the program. Students of all backgrounds are encouraged to apply." **Students will need to have teachers submit a recommendation.**

Eligible: All students

Dates: May – August 2024; Training provided for selected applicants weekly from May 2 – June 6 (4 – 6 pm)

Location: Museum of Jewish History, 36 Battery Place, Manhattan

Cost: Free

*Application Deadline***: <u>December 22 (3:00 pm)</u>**

Links: https://education.mjhnyc.org/high-school-apprenticeship-program/

https://mjhnyc.wufoo.com/forms/m1nq6ury0ytqypf/

Deadline Approaching: Whitney Museum Youth Insights (YI) Artists

"YI Artists is a free semester long program that brings teens together with contemporary artists, providing opportunities to work collaboratively, discuss art critically, and think creatively. YI Artists make art inspired by this exchange. Join the Whitney this spring in creating, critiquing, discussing, and making art together with Artists in Residence! All materials and art supplies are provided by the Whitney Museum. Participants are given a single ride MetroCard each session for subway fare home from the program."

Eligible: All students

Dates: February - May (one a week on either Wednesday or Thursday afternoons)

Location: 99 Gansevoort Street, Manhattan

Cost: Free

*Application Deadline***: <u>December 22 (11:59 pm)</u>**

Links: https://whitney.org/education/teens

https://whitneyedu.wufoo.com/forms/pz9uho017qt7lv/

Discover Architecture Program for February Winter Break

"The 2024 program consists of a three-day externship at an architecture office followed by a culminating design workshop at the Center for Architecture. Students accepted into the program will spend Tuesday through Thursday at a local architecture firm gaining valuable, first-hand experience with the work of practicing architects, then have a chance to test out their own design ideas during a hands-on workshop and concluding event at the Center for Architecture on Friday, February 23, 2024. No prior experience is necessary."

Eligible: Sophomores and Juniors

Dates: February 20 – 23, 2024

Location: Various

Cost: Free

Application Deadline: **January 5, 2024**

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

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Parks/Nature:

New: Inspiring Girls* Summer Expeditions

"Inspiring Girls* Expeditions is a tuition-FREE, 12-day wilderness science education program for interested students. The aim of this program is to provide each participant with a unique opportunity to move beyond their comfort zone through field-based science research projects, wilderness exploration, and nature-based art. We want to

connect with participants ready to explore their own curiosity, creativity, and courage. Supportive, experienced, and knowledgeable guides and scientists will lead participants in mountaineering, kayaking or packrafting in Alaska, or rock climbing in Colorado. Please note that travel outside of the USA is not required to participate in this program."

Eligible: Students 16 – 18 years old

Dates: Summer 2024

Locations: Various

Application Deadline: **January 31 (also the recommendation deadline)**

Cost: Free

Links: https://www.inspiringgirls.org/

https://www.inspiringgirls.org/about-apply

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STEM Opportunities:

New: Event Approaching: **Physics and Ice Skating STEM Night**

"Want to relive memories of playing with bubbles as a kid while learning how to turn it into a career? Join us to get inspired by Yuan Fang, who directs research and development for PepsiCo, and Dr. Gene Edward Van Buren, who is a physicist at Brookhaven National Laboratory. Then make giant, colorful bubbles and glide away on our indoor skating rink with glittering snow. Light refreshments will be provided at the start of the event. *Check in starts at 5:00pm and ends at 5:15pm*."

Eligible: All students

Date: **December 13** (5:30–7pm)

Location: 47-01 111th Street, Corona

Cost: Free

Link:

https://docs.google.com/forms/d/e/1FAIpQLSdXfzr2buVXUsiRgnoRLm_6Y0Ne1M1ltDEQnvaBJa5rAotY0A/viewform

New: Event Approaching:

NYU Center for K12 STEM Education Info Session

"NYU Tandon School of Engineering is pleased to offer an informational session in which students or parents can learn about the Center's varied summer programs for middle and high school students in engineering, digital design, machine learning, Smart Cities technologies, and more. Attend to learn details, hear about the application process and deadlines, and to ask questions."

Eligible: All students

Dates: **December 14** @ 6:00 PM

Location: Virtual

Link: https://nyu.zoom.us/webinar/register/5817012862800/WN_EWHNXV9YQmSeJSdAO07n-g?mc_cid=13dc5b041b&mc_eid=0f60c7bf98#/registration

New: **Carnegie Mellon Pre-College Programs**

"Carnegie Mellon's Pre-College Programs mirror the undergraduate experience, giving rising juniors and seniors the opportunity to explore their interests and passions while receiving instruction from acclaimed Carnegie Mellon faculty and staff. Students may apply for various programs, including AI Scholars, Architecture, Art, Computational Biology, Computer Science Scholars, Design, Drama, National High School Game Academy, Music, Summer Academy for Math and Science, Summer Session, and Writing & Culture."

Eligible: Current Sophomores & Juniors

Dates: Summer 2024

Location: Carnegie Mellon University

Cost: $4,872 - $12,454 (Full Need-Based Scholarships Available)

*Application Deadline***: February 1, 2024** (Early Decision), **March 1, 2024** (Regular Decision and Financial Aid)

Links: https://www.cmu.edu/pre-college/index.html

https://www.cmu.edu/pre-college/cost-financial-aid/index.html

New: Summer Institute for the Gifted (SIG)

"Our unique STEAM+ curriculum focuses on applying creative thinking across multiple disciplines to solve real-world problems. Our curriculum spans all facets of STEAM and humanities. We encourage students to explore their interests while introducing them to new and intriguing topics. Students gain strong research and creative problem-solving skills vital to college and professional careers."

Courses include Logic & Innovation, Global Politics Unveiled, Neuroscience, Quantum Mechanics, Technical Design with VEX Robotics, and more.

Eligible: All students

Dates: Summer (2–3 weeks)

Locations: Various campuses including UCLA, Yale, Boston University, and more

Application Deadline: **Rolling Basis**

Costs: Various

Link: https://www.giftedstudy.org/

Deadline Approaching:
The Cooper Union STEM Saturdays 4-Session Winter Program

"The STEM Saturday Program challenges New York City high school students to invent "tech for good." Students work in teams while they develop engineering, entrepreneurship, project management, design, and presentation skills.

Students may choose from the courses: Redesigning Plastic Recycling, Intro Robotics with Python, and Musical Instrument Design. Redesigning Plastic Recycling involves creating a design for new products using recycled plastic and learning Computer-Aided Design (CAD) and 3D printing. Intro Robotics with Python involves creating a microcontroller program using Python and algorithms to make a robot move and interact with its environment. Musical Instrument Design involves exploring the science of musical instrument design and laser cutting to create a stringed instrument. Materials, lunch, and MetroCards are provided."

Eligible: All current freshmen, sophomores, and juniors from low or moderate family income; Priority given to students with no prior experience in engineering and no access to engineering at their school.

Women and individuals who identify with groups historically excluded from STEM careers, including Black, Latino/a, LGBTQ+, and Neurodiverse people, are strongly encouraged to apply.

Dates: January 20, January 27, February 3, and February 10 (10 AM - 4 PM EST)

Location: The Cooper Union, 41 Cooper Square

Cost: Free

Application Deadline: **December 13** (December 15 for Recommendations)

Links: https://cooper.edu/engineering/stem/saturdays

https://connect.cooper.edu/portal/application-page-hs-options

Priority Admission/Financial Aid Deadlines Approaching:

Columbia Engineering's Summer High School Academic Program for Engineers (SHAPE)

"SHAPE is geared toward students with an aptitude for STEM: science, technology, engineering, and mathematics. Each 3-week session offers college-level, project-based courses in engineering taught by prestigious faculty at Columbia University. Students engage with peers and Columbia University faculty, staff, students, alumni, and industry partners through interactive programming, site visits, and workshops. Available courses include Robotics and Autonomous Driving, Biomedical Engineering, Geoengineering, Competitive Programming, Electrical Engineering, and more."

Eligible: All students

Dates: Session 1: July 8 – 26, 2024, Session 2: July 29 – August 16, 2024

Location: Columbia University's Morningside Campus

Cost: $5,500 (full, need-based scholarships available)

*Application Deadline***: December 15** (the priority and financial aid deadline), **March 26** (the final deadline)

Links: https://outreach.engineering.columbia.edu/content/shape-summer-high-school-academic-program-engineers

https://outreach.engineering.columbia.edu/content/faqs

https://apply.engineering.columbia.edu/apply/?sr=6101d545-06c6-4174-91ac-a6574a0ca856

Deadline Approaching:

The New York Academy of Sciences Junior Academy/Sustainability

"The Junior Academy is a virtual community of international students ages 13-17 who are passionate about science, technology, engineering and math (STEM), and committed to making a difference in the world. Start your application today to learn advanced research and innovation skills and collaborate with a global team to tackle real-world challenges!

Students work together on Launchpad, the Academy's unique, online platform. Launchpad enables students and STEM professionals to collaborate virtually as they compete in project-based challenges focused on the United Nations Sustainable Development Goals. In addition to competing in global challenges, students develop

STEM and research experience while advancing vital 21st-century skills such as leadership, communication, and collaboration.

Junior Academy students work together on challenges in self-selected, international teams of up to 6 members. Each team can work with a STEM professional who serves as a mentor for the duration of the 10-week challenge period. Our mentors are all highly motivated STEM leaders from academia, industry, and research."

Eligible: All students between the ages of 13 – 17

Dates: Various (required commitment for 10-week challenges periods)

Location: Virtual

Cost: Free

Application Deadline: **December 18**

Link: https://www.nyas.org/programs/global-stem-alliance/the-junior-academy/

Deadline Approaching:

New York Academy of the Sciences Junior Academy/Public Health

"Junior Academy participants are enthusiastic learners and problem solvers with a passion for science, technology, engineering, and math (STEM). They have a desire to collaborate with international peers to address the world's most pressing challenges. This is a special student application cycle for students interested in

Public Health and joining the Stevens Initiative in the Spring 2023 semester of programming."

Eligible: All students who are 13 – 17 years old

Dates: Spring 2024

Location: Virtual

Cost: Free

Application Deadline: **December 18** (11:59 pm)

Links: https://www.nyas.org/programs/global-stem-alliance/the-junioracademy/?tab=for%20students

Engineering/Math/Computer Science

New: Event Approaching:

NYU Center for K12 STEM Education Info Session

"NYU Tandon School of Engineering is pleased to offer an informational session in which students or parents can learn about the Center's varied summer programs for middle and high school students in engineering, digital design, machine learning, Smart Cities technologies, and more. Attend to learn details, hear about the application process and deadlines, and to ask questions."

Eligible: All students

Dates: **December 14** @ 6:00 PM

Location: Virtual

Link:

https://nyu.zoom.us/webinar/register/5817012862800/WN_EWHNXV9YQmSeJSdAO07n-g?mc_cid=13dc5b041b&mc_eid=0f60c7bf98#/registration

New: Joint Science Education Project (JSEP) Program

"The two-week virtual Joint Science Education Project Program (JSEP) based in Greenland takes place in late June and July and is open to current juniors who are American citizens. Program Activities: U.S. students complete hands-on modules and

a group research project. A series of interactive modules led by Dartmouth graduate students and faculty introduce them to various topics in polar research (e.g., snow and ice physics; cold engineering; ecology of soils, plants, and animal life; the human dimensions of Arctic change). U.S. students then complete an inquiry-based research project based on topics of interest under the mentorship of a graduate student or faculty instructor. We host a virtual project symposium at the end of the program for students to share their work with a broader audience."

Eligible: All current juniors who are American citizens and will be 18 by 6/1/24

Dates: Late June – July (field program) OR late July or August (remote program)

Location: Greenland (field-based JSEP) or virtual (remote JSEP)

Cost: Free

***Application Deadline*: <u>January 31, 2024</u>**

Links: https://sites.google.com/dartmouth.edu/jsep2020/program-details?authuser=0

https://sites.google.com/dartmouth.edu/jsep2020/how-to-apply/jsep-students/u-s?authuser=0

New: *Some Deadlines Approaching:* Polygence Research Programs

"Discover, explore, and showcase your passions through a personalized project with an expert mentor to gain valuable pre-college experience and help you stand out. You will dive deep through 10 one-on-one sessions with a mentor selected for their expertise in the project's subject matter, with regular assignments from the expert mentor to create structure and guidance for students towards their goals. You will showcase your work, have access to the Polygence High School Showcasing Database and Polygence's pre-print research archive, Research Archive of Rising Scholars, and rank as a Google Scholar. You will validate your preferred college major and career choice, understand the basics of academic research and writing, and create a project to

showcase your research interests and passions to future colleges, employers, and more."

Eligible: All Students

Dates: Winter – Spring, 2024

Location: Various

Cost: $2,695 (Partial and Full-Need Based Scholarships Available)

Application Deadline: **December 15**

Links: https://www.polygence.org/core-program

https://app.polygence.org/user/register

https://www.polygence.org/faq

New: eCYBERMISSION Competition

"eCYBERMISSION is a free, virtual STEM competition for students in grades 6-9. Each team needs 2-4 students, an adult Team Advisor, a community problem to explore or try to solve. Teams can choose one of two paths: Science – asking a question/exploring a problem or Engineering – solving a problem."

Eligible: Freshmen

Dates: August 16, 2023 – June 27, 2024 (ongoing)

Location: Virtual

Cost: Free

Application Deadline: **February 28, 2024** (Student Registration)

Links: https://www.ecybermission.com/Overview

Next Event Today: Endless Frontiers Lab Youth Ambassador Program

"Endless Frontier Labs invites high school students interested in the intersections of entrepreneurship, technology, and/or science-based innovation to apply for our 2023-

2024 Young Ambassadors cohort! During the EFL Young Ambassadors experience, students will have the opportunity to shadow world-renowned scientists, CEOs, and business leaders and observe their meetings with startup founders in the Endless Frontier Labs startup program. Students will be admitted on a rolling basis. If admitted, students will attend at least one (1) EFL Meeting Day. The EFL program will be operating in a hybrid model this year." If you have any questions, please contact info@endlessfrontierlabs.com

Eligible: All students

Dates: **December 8, January 26, 2024, and more**

Locations: NYU Stern (50 W 4th St, Manhattan) or Virtual

Application Deadline: **Rolling Basis**

Cost: Free

Links: https://endlessfrontierlabs.com/young-ambassadors/

https://docs.google.com/forms/d/e/1FAIpQLSdt5v26k4iTF8FmKHTxBZ0rPCD-nQ7Sf8aW0zE-hsWSzoxJOQ/viewform

Events Approaching: Walt Whitman Library Robotics Club

"Are you interested in robotics, programming, and having fun with your friends? Need something to add to your resume? Join the robotics club at the Walt Whitman branch of the Brooklyn Public Library! Members of the club will build robots and program them to move by coding with Python. There will also be a potential opportunity to join the BPL's robotics league in which you can compete against other teams from different library branches with your robot! No prior experience in programming or robotics is required."

Eligible: All students

Dates: Every Thursday after school

Location: Brooklyn Public Library Walt Whitman Branch, 93 St Edwards St

Cost: Free

Application Deadline: **Rolling Basis** (Limited Spots)

Link:

https://docs.google.com/forms/d/e/1FAIpQLScMrt4mIwuZA3zhLFtCNNUkIwoGCAvNrg4Pphuiny Lq6drtHg/viewform

Events Approaching: **NYC Math Circle Workshops**

"There are several virtual and in-person workshops (with a limited # of two-hour sessions) beginning on early December, which meet on weekends. Topics include Number Theory, Computer Algorithms in Algebra, and more. And spring term options are also posted, including Game Theory & more."

Eligible: All students

Dates: Various in December (and spring term options)

Location: Virtual and several locations in Manhattan

Application Deadline: **Rolling Basis**

Cost: Various - $50 and up; financial aid available

Links:

https://www.nymathcircle.org/students?mc_cid=3d04e4b868&mc_eid=a88b7494f5#Spring%202024
https://www.nymathcircle.org/students?mc_cid=3d04e4b868&mc_eid=a88b7494f5#F23SWORK

Event Approaching: **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: **December 13,** 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/16W8o0uQZA9O_gzTKNAiO-P4IlO6qlxwfpEUNHxQypPY/edit?usp=sharing

Deadline Approaching: **NYU Courant GSTEM Online Data Science Course**

"This 12-week course is a great opportunity for those looking to expand their STEM interests beyond the high school curriculum. This course introduces ideas and techniques in modern data analysis, including interpreting and visualizing data, using data to build mathematical models, and assessing the validity of models and their predictions. By the end of the course, students will understand how to interpret data and data visualizations, use python and jupyter notebooks to work with data tables and visualizations, gain basic programming skills, enhance their STEM skillset and marketability by applying data science to future research opportunities, and more."

Eligible: Current juniors & seniors with necessary academic prerequisites

Dates: February 1 - April 25 (Tuesdays, 7:00 - 8:30 PM EST)

Location: Virtual

Cost: $2,250 (Need-Based Financial Aid Available)

*Application Deadline***: December 15**

Links: https://cims.nyu.edu/gstem/programs/data-science/

https://cims.nyu.edu/gstem/financial-aid-and-scholarships/

Deadline Approaching:

Future Engineers 'We Heart Veterans' Pin Design Challenge

"Your challenge is to create a digital 3D model of a wearable pin to be 3D printed and distributed to U.S. veterans at the National Veterans Memorial and Museum in Columbus, Ohio. Your pin should be original and designed to show appreciation or gratitude for veterans of any U.S. military service branch. Finalists will also each receive five prints of their design and a $100 gift card toward a professional 3D print. The challenge winners (2 grand prize winners total) will win a trip for two to Columbus, OH, to attend a special event on Memorial Day at the National Veterans Memorial and Museum. Each winner will also receive a 3D printer donated to the school, library, or organization of their choice!"

Eligible: All students

Application Deadline: **December 15**

Link: https://www.futureengineers.org/weheartveterans

Discover Architecture Program for February Winter Break

"The 2024 program consists of a three-day externship at an architecture office followed by a culminating design workshop at the Center for Architecture. Students accepted into the program will spend Tuesday through Thursday at a local architecture firm gaining valuable, first-hand experience with the work of practicing architects, then have a chance to test out their own design ideas during a hands-on workshop and concluding event at the Center for Architecture on Friday, February 23, 2024. No prior experience is necessary."

Eligible: Sophomores and Juniors

Dates: February 20 – 23, 2024

Location: Various

Cost: Free

Application Deadline: **January 5, 2024**

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

For a list of helpful **STEM resources**, tutorials, and more, check this link:

https://docs.google.com/document/d/1hOol9QIRvgFLqI2QLyoRUY6QHQgPMBqp/edit?usp=sharing&ouid=115396606750532126369&rtpof=true&sd=true

Medical/Life Sciences

Deadline Approaching: NYU Health Career Opportunity Program

"The Health Career Opportunity Program at NYU Langone's Rusk Rehabilitation offers candidates with minimal clinical experience the opportunity to explore a variety of health professions. Available to high school seniors, this free program consists of 3 internship sessions that are each 4 weeks long and provide participants with hands-on, observational clinical experience in a variety of health fields. After completing each session, you take a final exam that tests your knowledge of material covered in group meetings, lectures, and discussions. Students who pass the final exam receive a signed certificate displaying their name and completion of 140 hours of observation and instruction at NYU Langone's Rusk Rehabilitation."

Eligible: Current seniors who are at least 18 and have a minimum GPA of 3.2

Dates: Various four-week long sessions (late May - August)

Locations: Various

Cost: Free

Application Deadline: **December 21** (apply early for a better chance)

Links: https://med.nyu.edu/departments-institutes/rusk-rehabilitation/education/health-career-opportunity-program

https://med.nyu.edu/departments-institutes/rusk-rehabilitation/education/health-career-opportunity-program/application-information

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Theater/Writing/Music/Video:

New: Deadline Approaching: **All IN(clusive) NYC Teen Theatre Ensemble**

"The All-In(clusive) Ensemble comprises NYC high school student artists -- from diverse backgrounds, identities, abilities & points of view -- who collaborate, compose, devise, rehearse, and perform an original musical. The program spans approximately 12 weeks of play development and rehearsal, culminating with performances on a professional NYC stage in April 2024. With generous funding from the Shubert Foundation, master theater artists from across the professional world facilitate the students to create, compose, and stage a realized musical based on their collective experiences and imaginations."

Eligible: All students

Dates: January - April 2024

Location: TBA

Cost: Free

Application Deadline: **December 14**

Link: https://sites.google.com/kimberlyhale.com/all-in/home

New: **Uptown Stories Writing Workshops**

"Registration is now open for our Winter Writing Workshops! Pick from Romance, poetry, and other options. All of our workshops are Pay-What-You-Can, so no matter what your family's financial situation, you can just focus on writing what's next."

Eligible: All students (various ages for each class)

Dates: Various starting in January

Location: 178 Bennett Ave (@189th Street, Manhattan

Application Deadline: **Rolling Basis**

Cost: Optional

Link: https://www.uptownstories.org/winter-workshops-2024/

Program Ongoing: **Voices of Queens Teen Radio Podcast**

"The Voices of Queens Teen Radio Podcast, a podcast station run by teens, for teens, is part of Queens Public Library's Podcast Programs. You will learn how to produce your own podcasts and social media content, pick up new presentation, audio recording and editing skills, all while learning what makes a podcast fun and entertaining. Completion of this course gives you access to scholarship opportunities, enhances your resume, and can even get you started on the road to a rewarding career. The first 15 participants to complete the program's requirements will receive a special prize related to podcasting. Past prizes have included Samsung tablets and Beats headphones!"

Eligible: All students

Dates: November – January 31, 2024 (Mon/Tue/Wed/Thurs 3 – 6 pm), February 1, 2024 – June 21, 2024 (Mon/Tue/Wed/Thurs 3 – 6 pm)

Location: Central Library: 89-11 Merrick Boulevard, Queens

Application Deadline: **Rolling Basis**

Cost: Free

Links: https://www.queenslibrary.org/programs-activities/teens/other-programs/podcast-workshop

http://qlmarketing.typeform.com/to/szSPIj

Deadline Approaching: **Carnegie Hall National Youth Ensembles**

"Each summer, Carnegie Hall's National Youth Ensembles bring together exceptional young American instrumentalists of all backgrounds for intensive training and performances on some of the world's greatest stages. These free programs are led by all-star faculties of professional orchestra and jazz musicians, giving students the opportunity to hone their talents while working with the world's finest artists."

Eligible: All students

Dates: Summer 2024

Location: Purchase College (735 Anderson Hill Rd) in Purchase, New York

Cost: $30 Application fee (Financial aid available)

Application Deadline: **December 2023** (Varies by program)

Link: https://www.carnegiehall.org/Education/Programs/National-Youth-Ensembles

Deadline Approaching: **Human Rights Essay Contest**

The Kemper Foundation invites all students to submit essay entries on the following topic: "If you were asked to give a talk on December 10 commemorating the 75th anniversary of the Universal Declaration of Human Rights, what would you say about its effectiveness and its value going forward? Does it need to be revised to achieve its goals, or can it be effective in its current form? Please support your arguments with scholarly research."

Essays should be approximately 2,500 words in length. The prizes are $3,000, $1,500, and $750.

Eligible: All students

Application Deadline: **December 10**

Link: https://khref.org/flyer

Deadline Approaching:

Kenyon Review Young Writers Winter Online Workshops

"These creative writing workshops are designed to be compatible with your busy academic schedule, with dynamic, supportive small workshop groups meeting once a week for focusing on a variety of themes, genres, and craft elements. Students get the opportunity to expand their skills as a more productive writer and insightful thinker. You will get the chance to work with other people, experimenting with new approaches, and take risks in order to learn."

Eligible: Sophomores, juniors, seniors and/or ages 16-18

Dates: January 20 – February 24, 2024

Location: Virtual

Cost: $655 (financial aid available)

Application Deadline: **December 10**

Link: https://kenyonreview.org/workshops/young-writers-winter-online/

Deadline Approaching: **The Scholastic Art & Writing Awards Program**

"The Scholastic Awards are the longest-running, most prestigious recognition program for creative teens, and the largest source of scholarships for young artists and writers in the United States. Students are eligible to enter their original Art and/or Writing work for a chance at recognition, publication, exhibition, prize money, and more."

Eligible: All students

Application Deadline: **December 11**

Link: https://www.artandwriting.org/awards/

Deadline Approaching: **Rubincam Youth Writing Competition**

"The Rubincam Youth Writing Competition was established in 1986 to honor Milton Rubincam for his many years of service to the National Genealogical Society and to the field of genealogy and recognize our youth as the next generation of family historians. The award winner receives a $500 cash prize, a plaque, and a one-year NGS membership (non-print). Presentation details of the winning submission may appear in NGS Magazine."

Eligible: All students

Application Deadline: **December 15**

Link: https://www.ngsgenealogy.org/competitions/rubincam-youth-award/

Deadline Approaching:

National Youth Orchestra (NYO2) Summer Program
"Outstanding young American instrumentalists form NYO2, a free orchestra program that comes together alongside the National Youth Orchestra of the United States of America (NYO-USA) and NYO Jazz each summer for intensive training and performance opportunities. NYO2 has a particular focus on recruiting musicians from communities underrepresented in classical music. Participating musicians have the opportunity to work closely with top players from American orchestras and conservatories during a residency at Purchase College, State University of New York. A formal nomination from a teacher, ensemble director, school/band/orchestra administrator, or community leader is required as part of the application."

Eligible: All students between 14 and 17 years old (Priority given to underrepresented students)

Dates: Summer 2024 (mid-July to early-August)

Location: TBD

Cost: Free

*Application Deadline***: December 15**

Links: https://www.carnegiehall.org/education/programs/national-youth-ensembles/nyo2

https://www.carnegiehall.org/Education/Programs/National-Youth-Ensembles/NYO2/Apply

Audition Date Approaching: Brooklyn Youth Chorus Classes

"Brooklyn Youth Chorus will be offering in-person classes for all levels during the 2022/24 season. Classes are held 1-2 times weekly for 1-2 hours, depending on the age group and level. As students progress through Brooklyn Youth Chorus, they also have the opportunity to participate in performing ensembles. Our performing ensembles work on special projects throughout the year, including live appearances, professional recordings, and original choral productions. No prior experience is required to sing with Brooklyn Youth Chorus. However, an audition is required in order to be placed within the Chorus."

Eligible: All students

Dates: **December 19**, January 9, 19, 20, & 23 (available audition times from 3:30 – 6 pm) & January – May (for in-person classes)

Location: Brooklyn Youth Chorus (179 Pacific Street, Brooklyn)

Cost: Various (extensive need-based financial aid available)

*Application Deadline***: Rolling Basis**

Links: https://www.brooklynyouthchorus.org/auditions

https://www.brooklynyouthchorus.org/training-divisions

Deadline Approaching: National Teen Writing Contest: Freedom to Ride

At a time of rising book bans and censorship, The New York Public Library invites teens across the country to enter our national writing contest exploring the question: **Why is the freedom to read important to you?** One grand prize winner will be

awarded **$500** and 20 additional winners will receive **$250 each**—plus, we will publish all winning entries in a special edition of NYPL's Teen Voices magazine."

Eligible: All students

Application Deadline: **December 22**

Link: https://www.nypl.org/spotlight/books-for-all/teen-writing-contest

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Contests & Competitions:

Deadline Approaching: **Human Rights Essay Contest**

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Essays should be approximately 2500 words in length. The prizes are $3000, $1500, and $750.

Eligible: All students

Application Deadline: **December 10**

Link: https://khref.org/flyer

Deadline Approaching: **The Scholastic Art & Writing Awards Program**

"The Scholastic Awards are the longest-running, most prestigious recognition program for creative teens, and the largest source of scholarships for young artists and writers in the United States. Students are eligible to enter their original Art and/or Writing work for a chance at recognition, publication, exhibition, prize money, and more."

Eligible: All students

*Application Deadline***: December 11**

Link: https://www.artandwriting.org/awards/

Deadline Approaching:

Future Engineers "We Heart Veterans" Pin Design Challenge

"Your challenge is to create a digital 3D model of a wearable pin to be 3D printed and distributed to U.S. veterans at the National Veterans Memorial and Museum in Columbus, Ohio. Your pin should be original and designed to show appreciation or gratitude for veterans of any U.S. military service branch. Finalists will also each receive five prints of their design and a $100 gift card toward a professional 3D print. The challenge winners (2 grand prize winners total) will win a trip for two to Columbus, OH, to attend a special event on Memorial Day at the National Veterans Memorial and Museum. Each winner will also receive a 3D printer donated to the school, library, or organization of their choice!"

Eligible: All students

*Application Deadline***: December 15**

Link: https://www.futureengineers.org/weheartveterans

Deadline Approaching: **Rubincam Youth Writing Competition**

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the field of genealogy and recognize our youth as the next generation of family historians. The award winner receives a $500 cash prize, a plaque, and a one-year NGS membership (non-print). Presentation details of the winning submission may appear in NGS Magazine."

Eligible: All students

Application Deadline: **December 15**

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Opportunity Lists and Resources:

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/

GrowingUp NYC

GrowingUp NYC provides helpful information about a wide variety of opportunities for students such as after school programs and enrichment programs.

https://growingupnyc.cityofnewyork.us/programs/compass/

Johns Hopkins Center for Talented Youth:

http://cty.jhu.edu/imagine/resources/internships/arts.html

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Scholarships:

General List of Available Scholarships via Fastweb

https://www.fastweb.com/college-scholarships/articles/scholarships-for-high-school-seniors

Deadline Approaching: **The Ask Preeto Scholarship**

"We at Askpreeto.com are committed to helping students achieve their academic dreams. The Ask Preeto Scholarship is available to US-based students who demonstrate financial need. Eligible students will receive a $1,000 scholarship that

can be used towards tuition, room and board, also for other education-related expenses."

Eligible: Current seniors

*Application Deadline***: December 11**

Link: https://www.askpreeto.com/welcome-to-ask-preeto-scholarship/

Deadline Approaching: **Science Ambassador Scholarship**

The Science Ambassador Scholarship offers a full tuition scholarship for a woman in science, technology, engineering, or math. Film a three–minute educational video of yourself explaining a STEM topic you're passionate about to be submitted."

Eligible: Current female or non-binary seniors interested in STEM majors

Application Deadline: **December 13**

Link: https://www.scienceambassadorscholarship.org/

Deadline Approaching: **Jeffrey Ahn, Jr. Art Fellowship**

A merit-based award, the Fellowship welcomes young artists to submit proposals for the independent creation of artworks. The Fellowship will provide up to $10,000 of funding for the chosen Fellow's project, including but not limited to cost of materials, relevant museum or gallery admission, and/or tuition for creative instruction.

Eligible: All students who are no older than 17 years old

*Application Deadline***: December 15**

Links: https://jajf.slideroom.com/#/Login

https://www.jeffreyahnjr.org/apply

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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.**