Stuyvesant Student Opportunity Bulletin #23L

February 26, 2021

Please note that in this **"Long"** version of the Student Opportunity Bulletin, **all** opportunities in each category are included.

For the list of only the *New* and *Deadline Approaching* opportunities in each category, you may click & open the **"Short"** 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 week's edition includes several excellent & interesting new opportunities – **some have very imminent deadlines – as early as March 1 - so please explore them ASAP**.

-In the EVENTS section, there are several upcoming online Information Fairs for Pre-College Academic programs offered in various college/university settings – the first is **Saturday, 2/27**.

-In the <u>Government</u> section, there is a new summer legal internship for 10th-12th graders with the **Manhattan District Attorney's office**.

-There are several new <u>STEM section</u> opportunities, such as the **MIT Beaver Works Lincoln Lab's spring term computer science & technology courses** programs for current freshmen & sophomores, and **NYU's free summer Comp. Sci /Technology classes** for 9th, 10th, and 11th graders.

-In the <u>Medical/Life Sciences</u> section, all students 16 and older (by summer) who live in Manhattan or Staten Island can register for the **SHIP summer health-care learning program.**

-And in the <u>Writing</u> section, all students may enter the upcoming "live" **March 6 Chinese-American Citizens' Alliance Essay Writing contest** – with a $1,000 top prize! There are also several other writing programs with upcoming deadlines.

Many programs have quickly-approaching **March application deadlines**. Please start exploring your options and begin applying to whichever fit your interests & talents – the students who end up with the best options are usually those who focus in January & February – **please do not procrastinate!!** All students and parents are always welcome to contact Harvey Blumm at hblumm@stuy.edu for advice & assistance.

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

New items always will be listed first in every category, followed by those with approaching deadlines (*Deadline Approaching*).

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

Events:

New: **Summer Pre-College Academic Programs Information Fairs**
All students are invited to attend these online events, at which they can view & interact with representatives from many leading summer academic progams held at various universities.
Eligible: All students

Dates: **Saturday, February 27** (noon), **March 11, March 23**

Location: Virtual

Application Deadline: **ASAP**

Cost: Free

Links https://www.summerstudyinusa.org/wp-content/uploads/2020/12/PCPD_Fair_Flyer.pdf
https://app.brazenconnect.com/a/Precollege_Program_Directors/e/Wgp59

Columbia Society of Women Engineers' Engineering Exploration Experience

"Columbia University's Society of Womxn Engineers (CU SWE) will be hosting its 10th annual virtual Engineering Exploration Experience (EEE) and invites womxn-identifying students in grades 9-12 to our event! EEE will allow you to explore the exciting opportunities and fields available in engineering. You will get to interact with womxn-identifying professors at Columbia and industry leaders through TED talks that cover their experiences in different engineering fields and participate in an engineering design challenge mentored by Columbia students.
This year, the theme of EEE is "Facing COVID-19 with Diversity" and will be entirely virtual! Activities and discussions at EEE this year will be centered around advancements in COVID-19 response led by engineers!"

Eligible: All womxn-identifying students

Date: **Saturday, March 20** (9:00am – 2:30pm)

Location: Virtual

Application Deadline: __March 13__

Cost: Free

Links: https://www.eventbrite.com/e/swes-engineering-exploration-experience-2021-tickets-137965631919

https://www.eventbrite.com/e/swes-engineering-exploration-experience-2021-tickets-137965631919

New York Hall of Science Virtual College Readiness Workshop

"Each workshop will provide tools and take home resources to assist high schoolers in key areas of the college application process. Students should register at least 2 days in advance to attend the workshop."

Eligible: All Students

Dates: Ins and Outs of Financial Aid: **March 13** (11:00am - 12:30pm)

What Happens When I Get There?: **April 10** (11:00am - 12:30pm)

Location: Virtual

Application Deadline: Rolling Basis

Cost: Free

Links:

https://columbia.learningu.org/learn/tides.html

https://columbia.learningu.org/learn/Tides/2021_Spring/catalog

Big Future College Information Fairs

The College Board offers four online information sessions, with each focusing on colleges in a different geographical area.

Eligible: All students

Dates: **March 7, March 11**

Application Deadline: Rolling Basis

Cost: Free

Link: https://pages.collegeboard.org/big-future-days

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Academic Programs:

Deadline Approaching:

Free Summer Automotive, Fashion, & Sneaker Design Programs: The College for Creative Studies in Detroit, Michigan offers design competitions in these areas. Winners can take a free summer college-level design course at the college – Virtual or in-person location pending.

Eligible: 9th to 11th Graders

Location: TBD

Application Deadline: **March 1**

Links:

https://www.collegeforcreativestudies.edu/admissions/undergraduate-admissions/competitions

https://www.collegeforcreativestudies.edu/academics/undergraduate-programs/transportation-design/dunning-automotive-design-competition

https://www.collegeforcreativestudies.edu/academics/undergraduate-programs/fashion-accessories-design/fashion-competition

Deadline Approaching: **College Edge Summer Sessions Program at Columbia**

Columbia University offers a variety of courses in which high school students may study alongside undergraduate students. Students may attend one or both of the sessions dated below. Some courses have specific requirements and prerequisites, so students should look into the course offerings below before registering.

Eligible: All Rising Juniors & Seniors and Graduating Seniors with a cumulative GPA of at least 3.3

Dates: Session I: May 3 – June 18

        Session II: June 28 – August 16

Location: Virtual

Application Deadline: **March 1** (Application Fee of $80 is waived),

April 1 (Session I); **June 1** (Session II)

Cost: $2,052 per point (courses are typically 1-4 points)

Links: https://precollege.sps.columbia.edu/highschool/college-edge/summer/courses?utm_source=Email&utm_medium=Internal&utm_campaign=PREC_CEDGE_SUMR_DL-06_030421&utm_content=Precollege

https://precollege.sps.columbia.edu/highschool/college-edge/summer/admissions/apply?utm_source=Email&utm_medium=Internal&utm_campaign=PREC_CEDGE_SUMR_DL-06_030421&utm_content=Precollege

https://precollege.sps.columbia.edu/highschool/college-edge/summer/faq

https://precollege.sps.columbia.edu/highschool/college-edge/academic-year/tuition-and-fees

Update: The **Art of Problem Solving Online School** offers a selection of math and computer science courses. The math courses cover different levels of difficulty and there are seminars that specifically target the AMC. Spots are limited and students should register soon.

- New dates beginning in March are now available for the following classes: pre-algebra 1 & 2, introduction to algebra A, introduction to counting and probability, introduction to number theory, intermediate algebra, intermediate counting and probability, precalculus, olympiad geometry, calculus, and introduction to programming with python.

Eligible: All Students

Dates: Various

Location: Virtual

Application Deadline: Rolling Basis

Cost: $340 - $759 (including books)

Link:

https://artofproblemsolving.com/school?utm_source=Newsletter&utm_medium=email&utm_content=Challenge+your+student+with+January+math+classes&utm_campaign=AoPS+Update+Email+-+1%2F13&vgo_ee=1siFlOlGa%2FSof7274gnCiw%3D%3D

Earth Institute Virtual Pre-College Workshops

The Earth Institute of Columbia University is offering two virtual spring courses on the subjects of science and sustainability. "Offerings will be structured around real-time conversations, hands-on activities, and project-based learning in order to provide participants with an introduction to real-world research, ideas, and solutions. Participants will "learn from and network with world-renowned instructors who are experts in their fields." There are also two upcoming Information Sessions on **March 17** – check the link below to register.

Eligible: All students

Dates:

1-Making Sense of Climate Data: **March 8 - 24** (Mondays and Wednesdays: 4:00-6:30pm)

2-Communicating Climate Change Like Your Life Depends On It**: April 10 – May 8** (Saturdays 10:00am - 1:00pm)

Location: Virtual

Application Deadline: Rolling Basis

Cost: Regular Tuition is $1,200: Reduced rate of $820 for low-income applicants – eligible students may contact Cassie Wu at: cassie@ei.columbia.edu

Links: https://learn.ei.columbia.edu/content/pre-college-training

https://learn.ei.columbia.edu/content/making-sense-climate-data

https://learn.ei.columbia.edu/content/communicating-climate-change-your-life-depends-it

https://learn.ei.columbia.edu/events

The **University of Chicago Summer Session** offers pre college programs for students: **Immersion**, **Pre-College Summer Language Institute**, **Summer College**. Each offers a variety of courses. Learn more and apply below or attend their virtual information session on March 5th (8pm).

Eligible: **Immersion**: All Freshmen, Sophomores & Juniors at least 14 years old

Pre-College Summer Language Institute & **Summer College**: All Juniors & Seniors

Dates: Summer 2021 (various sessions): Information Session: **March 5**

Location: Virtual

Application Deadlines: <u>March 31</u> (Extended & Scholarship Program Deadline), Rolling Basis after <u>April 1</u>,

Cost: $4,250 - $7,500 (plus $50 application fee) –need based scholarships and scholarship programs with various eligibility requirements that cover the full cost are available

Links: https://summer.uchicago.edu/

https://summer.uchicago.edu/pre-college-students

https://summer.uchicago.edu/course-finder

https://summer.uchicago.edu/scholarship-programs

https://prospects.uchicago.edu/register/?id=d722da09-82bd-4267-9b41-d5b6e01af9db

Carnegie Mellon Pre-College Programs

Students may apply for various programs, including: Artificial Intelligence, 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. Recordings of the virtual

information sessions where program directors describe the application process and online student experience are available below.

Eligible: All Sophomores & Juniors

Dates: Summer 2021

Location: Virtual

Application Deadline: **March 10** or **March 17** depending on the program (see links below for specifics); Note Scholarship Deadline: **March 10**

Cost: $3,200 - 7,200 – full need-based scholarships may be available.

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

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

https://www.cmu.edu/pre-college/admission/virtual-events.html

Columbia Summer Immersion Programs – Virtual & In-person

"Through Columbia's online or in-person commuter interactive learning platforms, students across the globe can engage with one another through rigorous curricular instruction, inclusive student life activities, and informative college success events." They offer one-week & three-week summer sessions.

Eligible: All students

Dates: Various one-week and three-week summer programs;

Application Deadline: Regular Registration: **April 1**

Costs: $2,000 - $4,500 for online classes & $2,500 - $6,000 for in-person classes

Links: https://precollege.sps.columbia.edu/highschool/summer-immersion-new-york-city/courses/3-week

  https://precollege.sps.columbia.edu/highschool/online/online-learning

https://precollege.sps.columbia.edu/highschool/online/faq

Business & Jobs

New: The **NYC Exploring Program** has now included sessions with **Structure Tone,** a leading construction management company. Student participants will virtually meet on Thursday afternoons for seven weeks with successful professionals to learn more about opportunities & careers in this field.

Eligible: All Students

Dates: **March 4 – April 15** (Thursdays (4:30 - 5:30pm)

Location: Virtual

Application Deadline: Rolling Basis

Cost: Free

Links: https://nyexploring.org/

https://scoutingevent.com/Download/64072369/OR/Structure_Tone__Gensler_Spring_2021.pdf

Deadline Approaching: **NYC Summer Ladders for Leaders Program:** Paid professional summer jobs with businesses, organizations, and government agencies for students **16 and older** who also receive resume, interview, and business etiquette training. For questions, call: 800-246-4646.

Students may select to enter this program through the **PENCIL** non-profit organization, which provides additional resources and support to participants. Check the link below to learn more.

Eligible: Students 16 and older with a minimum 3.0 grade point average.

Dates: Summer

Locations: Various

New Application Deadline: **February 28**

Links: https://application.nycsyep.com/

https://pencil.org/ladders-for-leaders/

Deadline Approaching: **Seniors: Futures and Options** provides a **paid summer internship** in the field of municipal finance to graduating 12th-graders. This **Urban Leadership Fellows** program also provides mentors from the finance industry.

Eligible: All seniors with a minimum 3.0 GPA

Dates: July 6 - August 13

Location: Various

Final Application Deadline: **March 5**

Link: https://www.tfaforms.com/4799206

https://www.futuresandoptions.org/fao/what_we_do/internship_program/urban-leadership-fellows-program/

Brooklyn Navy Yard Development Corporation's Summer Internship
"Students will be connected to Yard-based businesses and departments according to their future career interests, skill sets, and educational background. Students will receive professional and career advisement and have the opportunity to network with peers, business owners, and industry leaders. **Applying and getting accepted**

earlier increases the likelihood of being placed into a role in your desired field."

Eligible: All Seniors residing in Brooklyn

Dates: Session I: June 7 – July 30

       Session II: June 28 – August 20

Location: Brooklyn

Application Deadline: **March 12** (Applications are accepting on a rolling basis before this deadline)

Cost: Free

Links: https://brooklynnavyyard.org/employment-center/internships

https://airtable.com/shrs67f6K4A7aoqR0

Summer Business Leadership Academy at Mercy College in Westchester County: Current juniors may apply for any one of the three one-week sessions offered in late June and in July. Participants live on campus for the week and engage in a variety of business & leadership focused activities, including visits to major businesses in Manhattan. There is a $300 fee for food, otherwise there is no cost to students. Applicants should have an interest in business, leadership skills, and a strong academic record. Applications are accepted on a rolling basis, but **space is limited**.

Eligible: Current juniors with GPA over 90

Dates: Either June 27 – July 3 **OR** July 11 – 17 **OR** July 25 - 31

Location: 555 Broadway Dobbs Ferry, New York

Deadline: Rolling Basis

Cost: $300 for food and activities

Links: https://www.mercy.edu/business/leadership/academy

https://form.jotform.com/203275364405149

 Seniors: **Paid summer media-industry internships** (with an affiliated scholarship) for students from ethnic groups which are under-represented in media corporations (including, among others, Latinos, Asian & African-Americans). These spots are available at leading local media companies via the Emma Bowen Foundation. Eligible students who are interested in technical/engineering or news, broadcast, studio and other non-technical aspects of this industry are invited to apply.

Eligible: Current seniors from under-represented groups

Dates: Summer

Location: Various

Application Deadline: **Ongoing**

Links: http://www.emmabowenfoundation.com/

https://www.emmabowenfoundation.com/application

The **Junior Economic Club of New York City** is an organization that exposes students to "the business world through networking events, workshops, and community initiatives." Interested students are encouraged to apply to join this dynamic organization..

Eligible: All Students

Dates: Program runs year-round.

Location: Virtual

Application Deadline: **ASAP**

Cost: Free

Links: https://www.jecnyc.org/

https://www.jecnyc.org/apply-now

https://www.jecnyc.org/upcoming-events/winter-open-house

Bossgirls Program

"This summer entrepreneurship program allows students to work on their own startup ideas as they learn to build a business from the ground up. Students will receive mentorship and learn about ideation/design thinking, customer discovery, research, interviewing, business model development, marketing, financials, UI/UX design & prototyping, presentation skills, and more."

Eligible: All Female Students

Dates: **June 28 – August 5** (Mondays - Thursdays 10:30am - 1:00pm)

Location: Virtual

Application Deadline: **May 3** (Sooner the better - Applications are accepted on a Rolling Basis)

Cost: Free

Links: http://www.zahncenternyc.com/bossgirls/

https://docs.google.com/forms/d/e/1FAIpQLSdwUkg9ENw5UqVGF-Kz_0Uc0aitGBXkcKvKtqGvoww2Ul5Pbw/viewform

My Next Move Career Information Resource

My Next Move provides concise information about many different career paths, in a wide variety of professions. Students can learn about each specialty's knowledge requirements, skills & abilities needed, technology, and personality type that may lead to success in each field. For an example, check the link for computer scientist below:

Links: https://www.mynextmove.org/

https://www.mynextmove.org/find/search?s=computer+scientist

Careers: The U.S. government provides helpful career resources for students, such as a brief assessment they can use to learn about what professions might suit their interests and abilities. Learn more at these links:

http://www.mynextmove.org/explore/ip

http://www.careeronestop.org/StudentsandCareerAdvisors/StudentsandCareerAdvisors.aspx

http://www.careeronestop.org/

https://kids.usa.gov/teens/jobs/a-z-list/index.shtml

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Community Service

New: **Learning Pals Tutoring & Social Support for Younger Students**
"Because many extra-curricular activities have been canceled or are less time-consuming than they once were, you may have some extra time on your hands. If you are looking for an activity to bolster your resume and help your community,

consider becoming a volunteer tutor for the program [Learning Pals](#)! High school students can get **community service hours** for the time they spend tutoring.

Many elementary and middle schoolers have been devastated by online learning and greatly benefit from one-on-one sessions with a tutor. Tutors are needed to help younger students in three categories:

1) **Academic help** in subjects like math, English, or any other homework.
2) **Technical help** with platforms like Google Classroom, Google Meet, and Zoom.
3) **Social Interaction** (practicing English, reading books, playing games) because many students are home without their parents or have parents who need a break."

Eligible: All students

Dates: Ongoing

Location: Virtual

Application Deadline: Rolling Basis

Links: https://learningpals.weebly.com/

https://docs.google.com/forms/d/e/1FAIpQLSe2sjUpYCZN8OiInJPDSMYUA-OhZuoz2eRLEf_wAHpxuwYKbA/viewform

New: The **MinKwon Center** is offering two community service opportunities:

1-The **Flushing Community Fridge** is looking for volunteers. The mission is to create a community fridge so that people experiencing food insecurity will have access to food and hygiene products. There are various roles available to students: fridge maintenance, outreach, pick-up/drop-off, fridge check-up, graphic design, and fundraising.

Eligible: All Students

Dates: Various

Location: In-person (Flushing) or virtual

Application Deadline: Rolling Basis

Cost: Free

Link: https://docs.google.com/forms/d/e/1FAIpQLSf-i-JhQDQxR8yWpxrD7nRZ-lC-W4cZObVOhDMrGZzWsKhV8g/viewform?mc_cid=b2566d9ea2&mc_eid=642f4c3cb5

2- The **Vaccine Appointment Volunteer Opportunity** aims to assist eligible NYC residents to register for a COVID-19 vaccine appointment in Korean, Chinese, and English. Students who are fluent in these languages and tech are needed.

Eligible: All Students

Dates: Various

Location: In-person (MinKwon Center) or virtual

Application Deadline: Rolling Basis

Cost: Free

Link:

https://docs.google.com/forms/d/1nOahpVqDo0tzojrM1t6sxCBgbZ115Idr5rySWS_nhFc/viewform?mc_cid=8c5e8016dd&mc_eid=642f4c3cb5&edit_requested=true

The **Manny Cantor Center** and other Educational Alliance locations welcome volunteers for all kinds of events and programs, including: holiday card writing, tutoring, community connection calling, and more. Most of these opportunities will be virtual, but there are a few in person ones. Requirements for each opportunity vary. See the link below for the compiled list of opportunities:

Eligible: All Students

Dates: Various

Location: Various

Application Deadline: Rolling Basis

Link: https://mannycantor.org/mcc-changemakers/volunteer-opportunities/

Become a Chess Tutor with NYC Chess Connections
NYC Chess Connections is a student-led chess tutoring service designed to connect students passionate about chess across the city. All of the lessons we offer are completely free of charge and we let the student decide the duration of the lesson, as well as what they learn. If you are a student who has always wanted to learn how to play chess, or a chess player who wants to volunteer, check the link below to sign up. **Any student wishing to learn is welcome to join; potential chess tutors should have a 1,500 or higher chess rating.**
Eligible: Tutors should have a 1,500 or higher chess rating
Dates: Ongoing throughout spring term

Application Deadline: Rolling Basis

Link: https://sites.google.com/view/nycchessconnections/home

DOROT is a nonprofit organization addressing the challenges of an aging population. Students may volunteer remotely by making calls, sending cards, and connecting with older adults over Zoom. Orientation is required. There are countless other ways to volunteer such as meal & package deliveries, technology help, legacy projects, etc. Internship opportunities are also available where students volunteer one afternoon per week to connect with older adults.

Eligible: All Students

Dates: Various

Location: Various

Application Deadline: Rolling Basis

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

https://www.dorotusa.org/volunteer

https://www.dorotusa.org/volunteer/volunteer-from-home

https://www.dorotusa.org/volunteer/high-school-college-internships

Immigrant Social Services 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
  They also welcome student volunteers Monday-Friday any time between 2:30-8:30pm to support the academic growth of grades K-8 public school students in Chinatown and the Lower East Side (currently P.S.2 and P.S.126). **Tutoring, help with middle & high school admissions advice, basic coding skill-building, and**

more are help options for Stuy volunteers. All of our youth volunteer opportunities are currently remote on Zoom while the COVID-19 pandemic is ongoing."

Eligible: All students

Dates: November – January (at least once a week)

Application Deadline: **ASAP**

Links: https://issnyc.org/volunteer/
https://docs.google.com/forms/d/e/1FAIpQLSeC8sVCJcExgmjtIQPlI1yEjqsJVwvoFa4cTWnNt
WoZCvda_g/viewform

Check out the link below for community service opportunities. Students may apply various filters to find an opportunity that best matches their interests and skill sets.

Link: https://www.nycservice.org/search/#s

Volunteer Tutor & Business Support @ Robotics for All
Robotics for All, a non-profit organization that provides academic support to needy students, welcomes all students with basic proficiency in courses that are currently being offered – these subjects include: Code.org, Scratch, Python, Java, HTML/CSS, and CAD (TinkerCAD and Fusion 360). Qualified students are welcome to serve as volunteer teachers. They are also seeking business interns.
Eligible: All students with basic subject proficiency, or interest in business development.

Dates: Four sessions per year

Application Deadline: **Rolling Basis**

Links: https://www.roboticsforall.net/overview-of-positions.html

Visions Intergenerational Program for the Blind/Visually Impaired

Visions is a local organization that helps the blind and visually impaired, welcomes students to apply for their virtual **Volunteer Service Assistant** positions.

Students will conduct weekly check in calls and also assist with various research projects, surveys, and call lists.

Volunteer Title: VISIONS' Volunteer Service Assistant (V.S.A.)

Days and Hours: Services are provided depending on the students' schedules.

Specific Duties: Facilitate virtual classes, assist with technology related inquiries, and "friendly check in calls." Plus, assist with projects and participate in virtual training.

Program Incentives: Students receive a letter of recommendation, community service hours, a certificate upon completion of program, and end of semester giveaways!

Requirements & Process: Must be 14 and over. Must be punctual, reliable, mature, and have good reading and verbal communication skills. Must be tech savvy and have knowledge of virtual meeting applications. Must submit via our online application portal on VISIONS website (www.visionsvcb.org) for consideration.

Participants will work in pairs, to visit and assist blind New Yorkers. Learn more by contacting Jose Gil at: 646-486-4444, ext. 233, or at **jgil@visionsvcb.org**

Eligible: All students 14 and older

Dates: 2020 – 2021 school year

Application Deadline: Rolling Basis

Link:

https://www.visionsvcb.org/get-involved/volunteering/volunteering-high-school-students/

Community Service Scholarships: In addition to the many ways students benefit from community service, those who do so may also be eligible for a variety of scholarships & awards for achievement in this area. Learn more from this interesting article:

https://hscw-collegeexplore.blogspot.com/2020/01/community-service-pays-big-dividends.html

Student of the Year Campaign: All students with experience or interest in community outreach, fundraising, or service, are welcome to apply for this seven-week program to raise money to benefit research in and treatment of leukemia and related conditions. Learn more and apply at:

http://www.studentseries.org/high-schools/students-of-the-year

TUTORING OPPORTUNITES
-The **Common Denominator – Tutor Middle Schoolers in Math**
All students are invited to remotely help middle school students with their math studies. Tutor training is provided, and the time commitment is once per week for up to 90 minutes.
Eligible: All students

Dates: Fall Term – one session per week

Application Deadline: Rolling Basis

Links: https://cdmath.org/volunteer

https://cdmath.formtitan.com/TutorApplication#/

-Shuang Wen P.S. 184 Internship

"Shuang Wen School, a public school in New York City also known as PS 184, is a bilingual elementary and middle school located in Manhattan's Chinatown." Student volunteers are needed to volunteer in various subjects including Mandarin, Computer Science, Math, and English.

Eligible: All students

Dates: 2020-2021

Application Deadline: Rolling Basis

Link:

https://docs.google.com/forms/d/e/1FAIpQLSe4q_ttSqj6qw4hmQucStAUdolDBB T9uDNo3mdgnCDfYIYuhg/viewform?vc=0&c=0&w=1&flr=0

 An interesting article about the many benefits of participating in community service activities may be found at this link:

https://hscw-collegeexplore.blogspot.com/2019/11/opening-doors-through-community-service.html

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

New: **Manhattan District Attorney Summer Internship**

"The Manhattan District Attorney's High School Internship Program is a rigorous internship that provides students with an insider's view of the criminal justice system. Participants will have the opportunity to engage in workshops and discussions surrounding criminal justice, police brutality, civic engagement, leadership, and more. Each participant will be paired with a staff member within the Office who will provide guidance and support.
Program participants will take part in a series of presentations and conversations with staff and external community partners in order to build a foundational understanding of how policies are developed & implemented; and how academic and career paths can lead you to move justice forward."

Eligible: Current 10th – 12th grade students (Manhattan residents or students attending Manhattan schools)

Dates: Students may apply to either session: Session 1**: July 6 – July 30**

Session 2: **August 2 – August 27**

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

Links: https://www.manhattanda.org/careers/internship-opportunities/high-school-internship/

https://lawcruit.micronapps.com/sup/lc_supp_app_frm.aspx?lawfirm=211&id=14

New: **Columbia University's Freedom and Citizenship Program**

"This program offers a four-week summer courses in political science & philosophy, followed by a civic leadership project that meets for twice-monthly after-school sessions throughout the 2021-2022 school year. This free program is aimed at low-income and first generation in their family college applicants; participants also receive college admissions support. **This year we are excited to offer a $1,000 stipend** to students to make the program accessible to those who might otherwise need to find work in July. Students will receive part of the stipend at the end of the summer seminar and the remainder at the end of the academic year. Students must participate in the full program to earn the stipend."

Eligible: Low income and/or first-generation 11th graders

Dates: **June 29 - July 24**

Location: Columbia University

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

Link: https://freedomandcitizenship.columbia.edu/

https://freedomandcitizenship.columbia.edu/apply

https://freedomandcitizenship.columbia.edu/virtual-learning

New: **City Council Campaign Volunteer Fellowship Program**

While working on Kim Moscaritolo's Manhattan campaign, students will have the chance to research and draft policies, create and share social media content, plan virtual town halls, and more. Questions may be addressed to: info@votekim.nyc

Eligible: All Students

Dates: Spring & summer, 2021

Location: Virtual

Application Deadline: Rolling Basis

Cost: Free

Links: https://docs.google.com/document/d/1-YnGYsdzJT6R7mNakIUfS3vMB5WpldyfFeN6zq3ZwFw/edit?usp=sharing

https://docs.google.com/forms/d/e/1FAIpQLSe7Bmw73UfAGybMRJftZLZ41WtHwGEmA6LjOY2x6U8YGoWG-Q/viewform?usp=sf_link

YouthAction Survey - $5 Giftcard Provided

CCC's YouthAction members are calling on all New Yorkers ages 14 to 24 to complete a citywide survey of young people to make sure that the next Mayor and

City Council understand and prioritize youth voices. **A $5 gift card will be sent to every student** who completes the survey!

Dates: Ongoing

Application Deadline: **ASAP**

Link:
https://cccnewyork.org/campaigns/voicing-our-future-a-youth-agenda-for-nyc/

Deadline Approaching: The **Trip of a Lifetime** program provides free overseas trips and service opportunities to current 9th - 11th graders who qualify for free/reduced lunch. Participants are immersed in the local culture of their selected destination.

Eligible: All students who qualify for Free Lunch Program, Food Stamps, or another federal assistance program, or can demonstrate comparable financial need.

Dates: Summer (Most trips are two - four weeks in July)

Locations: Various in USA & Central America

Cost: Free

Application Deadline: **March 1**

Links: https://www.projecttoal.org/home

https://www.projecttoal.org/apply

Deadline Approaching: **Virtual Encampment for Youth**

 "Our virtual summer immersion program is a true experience in democracy, where young people who would otherwise never meet:

- form a self-governing community;
- learn to think critically about pressing social and political issues that affect their communities and our world as a whole; and

- take action.

  - Get a deeper perspective on social justice issues.
  - Meet activists and civic leaders.
  - Learn more about how your community works and how you can make change where you are.
  - Participate in a multicultural community of peers from across the nation who will share their communities with you.
  - Use arts to express your perspective on social justice concerns.
  - Receive four months of follow-up support to develop an action plan.

Participants will learn and practice the powerful strategies of critical thinking, action planning, and using creativity and the arts in working for social justice."

Eligible: All students 15-18 years old

Dates: **July 5 – July 28** (Mondays-Fridays)

Application Deadline: <u>**March 1**</u>

Cost: $50 - $2,000: Sliding Scale based on family income – financial aid available

Links: https://encampmentforcitizenship.org/what-we-do/index.php

https://encampmentforcitizenship.org/what-we-do/how-to-apply.php

https://theencampment.wordpress.com/2021/01/06/2021-virtual-encampment/

Priority Deadline Approaching: **NYU Aspire Online College Prep Program**

"Aspire is a two-year program that commences with a week-long intensive summer experience, during which students gain a solid foundation in four key areas that will help them to prepare for college:

• Leadership • College Prep • College Writing • Financial Literacy

It begins with a one-week workshop and continues throughout the 2021 - 2023 school years, with occasional sessions on all aspects of the college admissions process."

Eligible: Current 10th graders who are the first generation in their families to attend college.

Dates: **August 1 – August 6,** & continues throughout the 2020-2022 school years

Application Deadlines: **March 1** (Priority Deadline); **April 16** (Final Deadline)

Links: https://www.sps.nyu.edu/high-school-academy/aspire.html

https://www.sps.nyu.edu/content/dam/nyuhsa/docs/Aspire_Flyer_2021.pdf

https://www.sps.nyu.edu/high-school-academy/aspire/aspire-overview/program-overview.html

Deadline Approaching: Princeton University sponsors the **Princeton Prize in Race Relations** for high school students, with $1,000 awards to students who are working to help their schools or communities in this field. Learn more and apply at:

Eligible: All Students

Application Deadline: **March 1** (Application opens January)

Links: http://www.princeton.edu/pprize/

https://princetonprize.smapply.io/prog/princeton_prize_in_race_relations/

Deadline Approaching: **New York State Human Rights Summer Internships** The Brooklyn office of the New York State Division of Human Rights welcomes student applications for part-time volunteer internships for **summer 2021.**

"Under the supervision of DHR investigators, interns will experience how DHR investigates complaints. Interns will be involved in preparing case files and providing clerical support for the investigation. This experience will encompass assisting individuals to file discrimination complaints, and requesting documents from the parties. Interns will have the added opportunity to observe conferences. To apply, please send your resume, a 5-10-page writing sample, and a cover letter to: Barbara Klar Outreach & Intern Coordinator New York State Division of Human Rights 1 Fordham Plaza, 4th Floor Bronx, NY 10458; Barbara.Klar@dhr.ny.gov "

Eligible: All juniors & seniors

Dates: Spring term

Location: 55 Hanson Place, Brooklyn

Application Deadline: **March 4**

https://dhr.ny.gov/internship-opportunities

Deadline Approaching: **FEMA Virtual Youth Preparedness Council**

"As part of the YPC, members can build leadership skills and represent their schools and communities. They also share their perspectives, feedback, and opinions with FEMA. The YPC gives youth the chance to meet peers from across the country and work on projects, such as preparedness fairs for their communities. A virtual summit in July gives members a chance to meet each other and hear from FEMA experts."

Eligible: All Freshmen, Sophomores & Juniors

Dates: 2021 – 2023

Location: Virtual

Application Deadline: **March 7**

Cost: Free

Links: https://www.ready.gov/kids/youth-preparedness-council
https://community.fema.gov/PreparednessCommunity/s/apply-to-ypc

ConnectEd

"ConnectED is a fun and educational virtual program designed to introduce high school students to the legal field. Students will hear the stories of federal judges and their journey to the bench, take a virtual courthouse tour, learn what it takes to become a law student, discuss current legal topics, and participate in workshops that build legal skills. Get ConnectED!"

Eligible: All students

Dates: Various

Location: Online

Application Deadline: **May 17**

Cost: Free

Link: https://jtb.org/connected/

https://www.tfaforms.com/4871201

Volunteer with Political Campaigns for 2021 NYC Elections
A number of candidates for local offices welcome Stuyvesant student interns. Volunteers can help in a variety of ways, depending on their interests & skills. These candidates include two Stuyvesant graduates running to become the next mayor of New York City!
Eligible: All students

Dates: Various

Application Deadline: Rolling Basis

Link:
https://drive.google.com/file/d/1lFPTBnchRCn-UcNu6ZeNuHtwi5Kpet3a/view?usp=sharing

Amigos International Summer Programs

"All programs this summer are **three weeks** long. You'll **live and travel together** with other students your age in **Costa Rica, the Dominican Republic, Ecuador, Nicaragua, or Colorado!**
 Some programs require Spanish and some do not. Explore all summer programs here!
 If you have any questions or want to chat, reply to this email or come to an online info session!"

Eligible: All students

Dates: Various during the summer

Locations: Various

Application Deadline: Rolling Basis

Cost: Various

Links: https://amigosinternational.org/high-school-programs/?utm_campaign=1.7.20+App+Live+to+all+leads&utm_medium=email&utm_source=autopilot

https://apply.amigosinternational.org/?utm_campaign=1.7.20%20App%20Live%20to%20all%20leads&utm_medium=email&utm_source=autopilot

Youthbridge New York is an outstanding, two-year leadership skill-building & internship program that runs throughout junior & senior years. Applications are considered on a rolling basis –so students should apply early.

Eligible: Current Sophomores

Date: Academic years of 2021-2023

Location: Various locations in NYC

Application Deadline: Rolling Basis

Links: http://www.youthbridgeny.org/fellowship

https://www.youthbridgeny.org/apply

https://static1.squarespace.com/static/540eff79e4b0b9a729a8a82d/t/5fecf43adac66e1e167478b7/1609364539129/YBNY+Fellow+Schedule+2021-2022.pdf

The Knowledge Society

The Knowledge Society is a nine-month program that offers a high-tech oriented program to teach students how to develop techniques (based on innovative tech companies) to help improve the world.

Eligible: Students 13 – 17 years-old

Dates: 2021-2022 School Year

Location: Manhattan

Cost: $439/month (for 2021-2022 school year - Some financial aid available)

Application Deadline: Rolling Basis

Links: https://theksociety.com/newyork/

https://tks.world/newyork/#topics

NYC Youth Leadership Councils

NYC Youth Leadership Councils invite all students to apply for these policy/leadership groups with government agencies & non-profit groups that focus on youth issues affecting local communities. Opportunities with a wide variety of offices in all five boroughs are available. Participants develop professional & leadership skills, gain insight into college & career opportunities, and more.

Eligible: All students
Dates: Various
Location: Various
Application Deadline: Rolling basis
Links: http://www.nycservice.org/pages/pages/74

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

Bella Abzug Journey to Leadership & Debate Training Program
"This two-week online leadership and debate training program is designed to help female students become "effective, dynamic and visionary 21st century leaders as well as active and creative participants in civic, political, corporate and community life." There will be workshops, seminars, speakers, networking, and debate labs.
Eligible: All Students who identify as female
Dates: Cohort 1: July 5 -16 (Monday - Friday 10:00am - 4:00pm)
        Cohort 2: July 19 - 30 (Monday - Friday 10:00am - 4:00pm)
Location: Virtual
Application Deadline: Rolling Basis
Cost: Free

Links: https://www.abzuginstitute.org/summer-programs
https://www.abzuginstitute.org/2021-summer-program-application

Angelo Del Toro Hispanic Youth Leadership Institute

"If you are a Puerto Rican, Hispanic, or Latinx public high school student, you may apply to this year's virtual Puerto Rican/Hispanic Youth Leadership Institute. The Institute focuses on developing leadership skills, provides the chance to engage with elected officials, and helps you gain in-depth knowledge about the state legislative process. As part of the Institute, you will complete an advocacy project that you can use towards the New York State Seal of Biliteracy on your high school diploma. If you are a high school senior, you may apply to a college scholarship through the Institute."

Eligible: All Hispanic students in 10th, 11th, and 12th grades

Dates: **Spring term**

Application Deadline: **Rolling Basis**

Links: http://prhyli.org/about.php

https://us02web.zoom.us/meeting/register/tZ0ld-yhqjsrH9fS1hJ9mzBP0sf1Ik1u3qTu

Brandeis University Summer PreCollege Programs

Brandeis offers a variety of programs in which students connect with faculty experts and leaders various fields. Programs include 'Race, Inequality, & Social Justice,' 'Global Health', 'App Design,' and more. The Online Immersions Program is coming soon. Learn more below:

Eligible: All current 9ᵗʰ, 10th , and 11th grade students

Dates: Various in July

Location: Virtual

Application Deadline: **June 1** (Scholarship Deadline is **April 1**)

Cost: $950 - $1,250 – some need- and merit-based scholarships available

Links: https://www.brandeis.edu/precollege/programs/index.html

https://www.brandeis.edu/precollege/apply/cost-scholarships/index.html

https://www.brandeis.edu/precollege/apply/scholarships.html

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Museums, Art, Photography:

Deadline Approaching: **Pratt Young Scholars:** Current freshmen with an interest in art and design whose family's household income is within the limits defined by the NYS free/reduced lunches family income criteria may apply for this three-year program, which includes summer & academic year art/design programs. College admissions assistance is also provided to participants.

Eligible: Current freshmen within limited family income

Dates: September 2021 – June 2024; Wednesday afternoons & two weeks in July

Location: Pratt Institute, Brooklyn

Application Deadline: **March 2**

Cost: Free

Link:

https://www.pratt.edu/the-institute/administration-resources/office-of-the-provost/centers-and-academic-partnerships/center-for-art-design-and-community-engagement-k-12/pratt-young-scholars/

Deadline Extended/Approaching: **Doodle for Google** is a national student competition to create art on the

theme of "I am strong because…"

Substantial scholarships up to $30,000 are offered as prizes.

Eligible: All students

New Application Deadline: <u>March 5</u>

Links: https://doodles.google.com/d4g/

https://doodles.google.com/d4g/enter/

Deadline Approaching: **Water Resources Art & Poetry Contest**

The NYC Department of Environmental Protection invites all students to submit artwork (including paintings, photos, digital media) and poetry that creatively express knowledge, appreciation and understanding of NY's shared water resources. Entries can address an original idea that relates to NYC's water resources or one or more of a number of topic questions. Learn more below.

Eligible: All students

Application Deadline: <u>March 5</u>

Links:

https://www1.nyc.gov/site/dep/environment/water-resources-art-poetry-contest.page

https://www1.nyc.gov/assets/dep/downloads/pdf/environment/education/art-poetry-contest-flyer.pdf

The **Teen Art Connection** welcomes students with an interest in the arts to join their virtual art-focused program **Teens Curate Teens**. Students may apply to be a participating artist. As artists, participants will create original artwork reflective of the theme to be showcased.

Eligible: All students

Dates: Spring term

Application Deadline: **Teen Artist: <u>March 11</u>**

Cost: Free

Links: https://teens.artsconnection.org/tct/

https://24l42c22njof2wmqie159sr5-wpengine.netdna-ssl.com/wp-content/uploads/2020/12/TCT_FY21-Teens-Curate-Teens_Application-Preview-Artwork-online-submission_AG.pdf

The **NY State Virtual Summer School of the Arts** offers programs in a variety of performing arts, including dance, theater, orchestra, media arts, and more. Some programs have finalized program dates and deadlines, while some are still TBD.

Eligible: All Students

Dates: Various in summer, 2021

Deadlines: Various

Location: Virtual

Cost: Free

Links: http://www.oce.nysed.gov/nysssa/

http://www.oce.nysed.gov/nysssa/about

The **Metropolitan Museum of Art** offers ongoing virtual **Saturday Sketching** courses. Students will receive live drawing instructions from a Met expert.

Eligible: All Students

Dates: Saturdays at 1:00pm

Application Deadline: Rolling Basis

Cost: Free

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

Free Friday Nights at the Rubin Museum

The Rubin Museum focuses on the art of Himalayan regions, with a wide range of interesting exhibits. Free tickets sell out quickly, so interested students should register ASAP!

Eligible: All students and parents

Dates: Friday evenings from 6:00 – 10:00

Location: 150 West 17 Street, Manhattan

Cost: Free

Links:
https://rubinmuseum.org/events/series/free-friday-nights?mc_cid=4da1aa0cd7&mc_eid=d48393664e
https://rubinmuseum.org/visit/plan

Parks/Nature:

Bronx Juniors: Project True is a paid summer urban ecology project that allows current 11th-grade students who are Bronx residents to work as field social science research assistants, exploring NYC wildlife & wild places. Participants receive $750 stipends and metrocards.

Eligible: Juniors residing in the Bronx

Dates: Late June – August

Location: TBA

Application Deadline: **March 19**

Links: https://bronxzoo.com/teens/project-true

https://bronxzoo.com/teens/project-true/summer-program

The NYC Parks Department offers a variety of volunteer positions throughout the city via its Green Teams program. All students may apply. To learn more, send an email to: Green.Teens@parks.nyc.gov

The NYC Parks Stewardship program also offers several volunteering opportunities such as forest restoration, tree planting, and invasive removal. All students may apply. To learn more, send an email to: stewardship@parks.nyc.gov

And, "It's My Park" is a program that engages volunteers in cleaning and beautifying parks across the five boroughs. There are also other volunteer programs and partner organizations of the NYC Parks Department students may check out at: https://www.nycgovparks.org/opportunities/volunteer

Links: https://www.nycgovparks.org/programs/recreation/teens

https://www.nycgovparks.org/reg/stewardship

https://www.nycgovparks.org/events/its_my_park_day

Prospect Park needs student volunteers for a variety of jobs, including special events throughout the year. All students are welcome to apply: https://www.prospectpark.org/get-involved/volunteer/youth-and-family-volunteer-opportunities/individual-teens-and-families/ https://www.prospectpark.org/get-involved/volunteer/

NYC Rangers Conservation Corps Internships: All students with an interest in urban parks and environmental issues are eligible to apply. Participants meet once a week after school for several hours, and the program lasts eight weeks. Interested students should apply ASAP via the following links:

Eligible: All students

Dates: Afterschool, one afternoon per week for 8 weeks

Location: Various parks

Application Deadline: **Rolling Basis**

Links: https://www.nycgovparks.org/programs/rangers/conservation-corps
https://www.nycgovparks.org/programs/rangers/conservation-corps/contact

Stem Opportunities:

Engineering/Math/Computer Science:

New: Deadline Approaching:

MIT Lincoln Lab Beaver Works Spring STEM Classes

"This program will be running 7 different virtual courses for 8 weeks for students who are in the 9th and 10th grade. These students should be interested in learning about robotics, cyber security, assistive technology and programming. The program is completely free! No prior experience is necessary. A student will only be able to attend one of the programs. Students must be able to attend all sessions (all sessions are on Saturdays from 11am-2pm. Some participants may be eligible to take summer Beaver Work STEM courses after completion of this program"

Eligible: All 9th and 10th graders

Dates: **March 6 – April 24** (Saturdays from 11:00am – 2:00pm)

Location: Virtual

Application Deadline: **February 28**

Cost: Free

Links: https://mit-bwsi.formstack.com/forms/bwsi_spring_2021

New:

Columbia Society of Women Engineers' Engineering Exploration Experience

"Columbia University's Society of Womxn Engineers (CU SWE) will be hosting its 10th annual virtual Engineering Exploration Experience (EEE) and invites womxn-identifying students in grades 9-12 to our event! EEE will allow you to explore the exciting opportunities and fields available in engineering. You will get to interact with womxn-identifying professors at Columbia and industry leaders through TED talks that cover their experiences in different engineering fields and participate in an engineering design challenge mentored by Columbia students.
This year, the theme of EEE is "Facing COVID-19 with Diversity" and will be entirely virtual! Activities and discussions at EEE this year will be centered around advancements in COVID-19 response led by engineers!"

Eligible: All womxn-identifying students

Date: **Saturday, March 20** (9:00am – 2:30pm)

Location: Virtual

Application Deadline: **<u>March 13</u>**

Cost: Free

Links: https://www.eventbrite.com/e/swes-engineering-exploration-experience-2021-tickets-137965631919

https://www.eventbrite.com/e/swes-engineering-exploration-experience-2021-tickets-137965631919

New: **NYU Tandon** is offering 2 virtual summer STEM Programs:

1- **Computer Science for Cyber Security** aims to provide an introduction on the fundamentals of cybersecurity and computer science to students. Students do not need to have background or experience in either field.

Eligible: All Freshmen, Sophomores & Juniors

Dates: **July 12 - 30** (Mondays to Fridays 9:00am - 2:00pm)

Location: Virtual

Application Deadline: **April 12**

Cost: Free

Link: https://engineering.nyu.edu/academics/programs/k12-stem-education/nyc-based-programs/computer-science-cyber-security-cs4cs

2- **Innovation, Entrepreneurship and the Science of Smart Cities** consists of STEM instruction and mentorship. "The program will focus on technology and engineering skills, design and prototyping, built around real world 'smart city' applications and research."

Eligible: All Freshmen & Sophomores

Dates: July 6 – August 6 (Mondays to Fridays 9:00am - 3:00pm)

Location: Virtual

Application Deadline: **April 21**

Cost: Free

Link: https://engineering.nyu.edu/academics/programs/k12-stem-education/nyc-based-programs/innovation-entrepreneurship-and-science

New: **AI4ALL Summer Programs:** This artificial intelligence program is offered remotely at various colleges throughout the country (including Columbia University). Students will be "immersed in hands-on learning, mentorship by top AI practitioners, and supportive peer networks at top universities." Specific program eligibility and dates vary.

Eligible: Students from under-represented groups (including females) or those with demonstrated financial need

Dates: Various

Location: Virtual

Application Deadlines: Various

Cost: Free

Link: https://ai-4-all.org/summer-programs/

New: **Mathily** is a rigorous summer program for mathematically talented students. Students will explore various undergraduate and graduate-level mathematics in classes led by a mathematician with a Ph.D. and mathematics students. There will also be discussions about college choices, a session on career possibilities, and more.

Eligible: All Students

Dates: June 24 – July 31 (if online) or June 27 – July 31 (if in-person)

Location: TBA

Application Deadline: **April 27**

Cost: $2,150 - 4,800 (depending on whether it is online or in-person) – need-based financial aid available

Links: http://www.mathily.org/

http://www.mathily.org/facts.html

http://www.mathily.org/app.html

Event Approaching: **Virtual Code Days**

"Code Day is a worldwide event where student programmers, artists, musicians, actors, and everyone else can get together and build apps & games for 24 hours. Students of all skill levels are welcome — we have workshops and tech industry mentors who can help if you're new!"

Eligible: All students

Dates: **February 26 - 28**

Application Deadline: Rolling Basis

Cost: Free

Links: https://virtual.codeday.org/

https://www.codeday.org/help/virtual/student

Event Approaching: **Goals for Girls Virtual Information Session:**

Current 8th and 9th grade girls are encouraged to attend a 11:00am session about the GOALS for Girls 6-week summer intensive program, which focuses on leadership and STEM (science, technology, engineering and math).

"This informational will go through all aspects of the program to let parents and girls know how to become a GOALS Girl, including the application and interview process, the knowledge and confidence students gain by participating in the program, the topics that are presented and the activities in which the girls take part."

Interested students should RSVP ASAP!

Eligible: 9th grade girls

Dates: Information Session: **Saturday, February 27:** 11:00am – 12:00pm

      Program Dates: **July 6 – August 13**

Location: Online

Application Deadline: Rolling Basis

Links:

https://docs.google.com/forms/d/e/1FAIpQLSflEhiMAzY8eeTtpY7A7Jbgrc2HZArOgcSv9pOIj3mZiszxFA/viewform

Early Registration Deadline Approaching: The **NYC Math Circle** takes place at the Courant Institute at NYU. It offers several different math enrichment classes to high school students. A typical day consists of a class in the morning, followed by lunch, and a problem solving session in the afternoon. **Classes often fill up early – so apply ASAP!**

Eligibility: All students (new students have to take placement exams)

Dates: **July 26 – August 12**

Location: Online

Application Deadline: **March 4 (Early Registration), April 29 (Regular Registration)**

Cost: $700 - scholarship assistance is available to qualified students.

Link: https://www.nymathcircle.org/summer?mc_cid=5e01cfdb42&mc_eid=a88b7494f5

Update: The **Art of Problem Solving Online School** offers a selection of math and computer science courses. The math courses cover different levels of difficulty and there are seminars that specifically target the AMC. Spots are limited and students should register soon.

- New dates beginning in March are now available for the following classes: pre-algebra 1 & 2, introduction to algebra A, introduction to counting and probability, introduction to number theory, intermediate algebra, intermediate counting and probability, precalculus, olympiad geometry, calculus, and introduction to programming with python.

Eligible: All Students

Dates: Various

Location: Virtual

Application Deadline: Rolling Basis

Cost: $340 - $759 (including books)

Link:

https://artofproblemsolving.com/school?utm_source=Newsletter&utm_medium=email&utm_content=Challenge+your+student+with+January+math+classes&utm_campaign=AoPS+Update+Email+-+1%2F13&vgo_ee=1siFlOlGa%2FSof7274gnCiw%3D%3D

Deadline Approaching: **EngineerGirl Ambassador**

"An EngineerGirl Ambassador designs, develops, and implements a project in her local community that will encourage upper elementary or middle school girls to think about engineering and engineering careers."

Eligible: All female students

Application Deadline: **March 1**

Link: https://www.engineergirl.org/128630/become-an-ambassador

Deadline Approaching:

GEMS (Gains in the Education of Mathematics and Science) Program

Students may apply to this summer STEM enrichment program to serve as 'Near-Peer Mentors' to younger students. The nearest location is in Natick, Massachusetts – participants must provide their own housing & expenses. A small stipend will be offered to participants.

Eligible: High School Juniors or Seniors may apply with leadership and hands-on biomedical or coding experience.

Dates: **July 12 – August 20** (for Natick site)

Locations: Various

Application Deadline: <u>**March 1**</u> (For Natick, Massachusetts site)

Cost: Free but travel and other expenses are not covered

Link: https://www.usaeop.com/program/gems/

Deadline Approaching: **ARISE** is a free, seven-week summer **STEM research program** offered by the NYU Tandon School of Engineering in Brooklyn. It is open to current 10th and 11th graders with a strong interest in science or engineering, and includes workshops, mentoring, college advisement, research opportunities, public speaking training, and a stipend.

Eligible: Current sophomores & juniors

Dates: **June 28 – August 13**

Location: NYU Tandon School of Engineering, Brooklyn

Application Deadline: <u>**March 1**</u>

Cost: Free

Links: https://engineering.nyu.edu/arise-applicants-page

https://engineering.nyu.edu/research-innovation/k12-stem-education/student-programs/arise

Deadline Approaching: The Cornell University Engineering **Catalyst Academy** offers a one week engineering program to all current sophomores & juniors, with an emphasis on students from underrepresented/disadvantaged backgrounds. Tuition is $1,450, but financial aid may be available.

Eligible: All Sophomores & Juniors (3.0 GPA minimum), with a focus on students from under-represented or economically - disadvantaged backgrounds.

Dates: **July 18 – July 24**

Location: TBA (one week in summer 2021)

Application Deadline: **March 1**

Cost: $1,450: financial aid may be available

Links: https://sites.coecis.cornell.edu/catalystacademy/

https://sites.coecis.cornell.edu/catalystacademy/academy-overview/

https://cornell.qualtrics.com/jfe/form/SV_5cg3txNUBTBEtmd

https://sites.coecis.cornell.edu/catalystacademy/faq/

Deadline Approaching: **AI Scholars Live Online Summer Program**

This is a program that exposes students to "fundamental AI concepts and guides them to build a socially impactful project." No prior programming experience is required."

 They are currently accepting applications for the Spring and Summer Semesters. Learn more and register below:

Eligible: All Students

Dates: Various

Location: Virtual

Application Deadline: **March 1**

Cost: $900

Deadline Approaching: **STEP (Science & Technology Entry Program) at NYU**

"This program consists of morning STEM enrichment classes focused on high school curriculum, afternoon elective classes that incorporate hands-on techniques and interdisciplinary themes, and an English seminar. Students also have access to tutoring and counseling, college prep, career exploration, and research opportunities."

Eligible: Students from under-represented groups (who identify as African American, Latino, Native American, and Alaskan American), and students who identify as White or Asian-American who meet economic criteria detailed in the link below

Dates: **July 6 – August 5** (Monday – Thursday from 9:00am - 3:00pm)

Location: Virtual

Application Deadline: <u>March 5</u>

Cost: $350 – Fee waiver applications are available

Links: https://nyumc.qualtrics.com/jfe/form/SV_3U8wHaO52LhsvBj

https://www.nyu.edu/admissions/undergraduate-admissions/how-to-apply/all-freshmen-applicants/opportunity-programs/pre-college-programs/STEP_BEST_Eligibility.html

https://connect.nyu.edu/register/?id=afc7a546-f16b-4a4b-810b-14488c6e11ea

Deadline Approaching: The **Summer Science Program** is a residential enrichment program where students perform research as a team. There are four campuses hosting programs in either **Astrophysics or in Biochemistry**. Learn more below: Lessons, lab sessions, guest lectures, and field trips to help students develop an understanding of experimental science.

Eligible: All Juniors (and Sophomores who have completed the prerequisites)

Dates: Summer 2021

Location: TBA

Application Deadline: **March 5**

Cost: $6,950 (if in-person) or $3,950 (if online); full and partial need based financial aid is available to eligible students

Links: https://summerscience.org/

https://summerscience.org/the-ssp-experience/what-is-ssp/

https://summerscience.org/admissions/is-ssp-for-you/

https://summerscience.org/admissions/fee-and-financial-aid/

Deadline Approaching:

The **Program in Algorithmic and Combinatorial Thinking (PACT)** is a virtual summer program consisting of guest lectures & discussions that introduce students to various topics in theoretical computer science, discrete mathematics and algorithms, computer science, and more.

"The program teaches students about the mathematics and algorithms fundamental to the computer science field. Many summer programs teach high school students programming and application development, but this five-week intensive course is

one of very few with a theoretical and proof-based emphasis. The only requirements to participate are high school algebra, the willingness to work hard and be challenged, and, above all, the desire to learn."

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

Dates: June 28 – July 30

Application Deadline: **March 5**

Cost: $1,500 – limited financial support available

Links: https://applypact.com/apply/4

https://algorithmicthinking.org/

Event Approaching **Girls in Science & Engineering Day**

"This year, Girls in Science and Engineering Day is going virtual! Join us as we welcome science organizations who will help you expand your mind and spark curiosity about the physical world around you. Hear from science professionals, learn about science projects that your peers are researching and conduct your own science experiments using materials from around your home." Pre-Registration Requested

Eligible: All students 14-17 years old (Participants under the age of 18 must have their parent sign them up for this program)

Date: **Saturday, March 6** (11:00am – 3:00pm)

Location: Online

Application Deadline: Rolling Basis

Cost: Free

Link:
https://docs.google.com/forms/d/e/1FAIpQLSd0ukd56j22o5S3cVRfZnIo3GENumY5BLXc8L_v4qu-2iytaQ/viewform

Deadline Approaching: **Science Research Mentoring Program (SRMP) at the American Museum of Natural History:** This full-year Science Research Mentoring Program provides research instruction and scientist mentoring to participants. Students receive a $1,000 stipend upon completion – it meets during the summer & following school year. **It is open only to students who have taken previous AMNH classes/programs during the 2019-2020 school year.**

In SRMP, high school students get paid to learn how to conduct research. Students work with peers and scientist mentors twice a week throughout the school year for a total of four hours a week on a project that has never been done before.

Eligible: 9th, 10th, and 11th grade students who have taken previous AMNH classes/programs during the 2019-2020 school year. Preference is given to current sophomores & juniors.

Dates: 3 Weeks in late August in the Summer Institute and two afternoons each week in the 2020 – 2021 school year

Location: TBA

Application Deadline: **March 7**

Links: https://www.amnh.org/learn-teach/teens/science-research-mentoring-program

https://amnh.qualtrics.com/jfe/form/SV_ahic18MIzSIqQxT

Deadline Extended: **Summer Research Program**

The **Garcia Center at Suny Stonybrook** offers a high-level seven-week summer research/instruction science program to interested students. This selective program focuses on polymer science & technology.

Eligible: Students 16 or older (by July 4) with a 95+ GPA

Dates: June 28 – August 13

Location: SUNY Stonybrook

New Application Deadline: **March 15**

Cost: $2,500

Links: https://www.stonybrook.edu/commcms/garcia/summer_program/apply

https://www.stonybrook.edu/commcms/garcia/summer_program/about.php

Topic Workshops at the New York Math Circle

These 3-session mini-courses offered by the NYMC focus on a specific topic. Workshops are still being added, and currently include: Intermediate Pythagorean, Exploding Dots, Probability, and more. Learn more about each below:

Eligible: All Students

Dates: **May 1 - 16**

Location: Virtual

Application Deadline: Rolling Basis – Apply ASAP as sessions often fill up early!

Cost: $150 – some financial aid may be available

Link:

https://www.nymathcircle.org/students?mc_cid=5016dd434a&mc_eid=a88b7494f5#S21SWORKSHOPTEST

The **Program in Mathematics for Young Scientists** is an online six week summer program designed to encourage students to explore the world of mathematics. In addition to regular program activities & their weekly lectures, students will have access to a community of undergraduate counselors and senior mathematicians.

Eligible: All Sophomores, Juniors, and Seniors ages 14 and older

Dates: Summer 2021

Application Deadline: **March 15**

Cost: $2,500 - Full and partial need based financial aid available

Links: https://promys.org/home

https://promys.org/program/applications

https://promys.org/about-promys

https://promys.org/program

SUMaC (Standard University Mathematics Camps) offers two mathematical enrichment courses: Program I (Abstract Algebra & Number Theory) and Program 2 (Algebraic Topology). Students will receive real-time online instruction and college-level work.

Eligible: All Current Sophomores & Juniors

Dates: Session 1: **June 21 – July 9** (Only Program I offerings)

Session 2: **July 19 – August 6** (Program I & II offerings available*)*

Location: Virtual

Application Deadline: <u>**March 10**</u>

Cost: $3,250 – need-based financial aid available

Links: https://sumac.spcs.stanford.edu/

https://sumac.spcs.stanford.edu/about

https://sumac.spcs.stanford.edu/sumac-admissions#application

https://sumac.spcs.stanford.edu/tuition-and-financial-aid

Columbia University Science Honors Program: This highly selective and free program offers Saturday morning classes in many exciting subjects, ranging from Astrophysics to Neurobiology, along with Mathematics & Computer Science. The program begins next September and runs throughout the 2021-2022 school year.

Eligible: All 9th, 10th, and 11th grade students

Dates: 2021 – 2022 school year

Location: Columbia University, Manhattan

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

Cost: $50 Application Fee

Links: http://www.columbia.edu/cu/shp/apply.html

http://www.columbia.edu/cu/shp/info.html

https://app.applyyourself.com/AYApplicantLogin/fl_ApplicantLogin.asp?id=col-shp

The **High School Apprentice Program** offers paid summer science & engineering research opportunities throughout the country (no residential or meal plans provided), sponsored by the U.S. Army. Local sites include NYU, Columbia, the New York Institute of Technology, & SUNY Stonybrook. Students receive an authentic science & engineering experience as they work alongside Army Research Office sponsored university researchers and learn laboratory methods & develop skills in Army-critical research areas. No housing or meals are provided.

Eligible: Current sophomores & juniors

Dates: May to late August

Locations: Various throughout USA, including Columbia, NYU, and the New York Institute of Technology

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

Links: https://www.usaeop.com/program/high-school-apprenticeships/
https://www.usaeop.com/apprenticeships-fellowships/
https://docs.google.com/spreadsheets/d/1W5w_DdWHztf4bGK4S4Ad_WGEzIDRn7lNUhkWtCbLlSk/edit#gid=0

Mathcamp is an intensive summer program where students may explore undergraduate and even graduate-level math topics "while building problem-solving skills that will help them in any field they choose to study."

Eligible: All students

Dates: July 3 – August 8

Location: Virtual

Application Deadline: <u>**March 18**</u>

Cost: $1,500 – some financial aid may be available

Links: https://www.mathcamp.org/
https://www.mathcamp.org/about_mathcamp/

The **Girls Who Code** free two-week **Virtual Summer Immersion Program** welcomes applicants with little to no experience in computer science. "The program will help students develop their computer science skills and build a professional network. Students may also apply for a SIP Stipend Award for $300.

Eligible: All current female freshmen, sophomores & juniors who identify as female, non-binary, or gender nonconforming, regardless of gender assignment at birth."

Dates: Summer

Location: Virtual

Application Deadline: **March 19** (General)

Cost: Free

Links:

https://girlswhocodesm.smapply.io/?utm_source=GWC%20Website&utm_medium=Website&utm_campaign=Website

https://girlswhocode.zendesk.com/hc/en-us/categories/202681357-Virtual-Summer-Immersion-Program

The **MIT Lincoln Laboratory** offers two summer workshop programs:

LLRISE: A project-based virtual program in which students learn how to build small radar systems through instruction from scientists and engineers.

LLCipher: A virtual program that provides an introduction to theoretical cryptography. Students interested in mathematics or cyber security should apply.

Eligible: LLRISE: All Current Juniors

      LLCipher: All Students

Dates: LLRISE: **July 11 - 23**

      LLCipher: **August 2 - 6**

Locations: Virtual

Application Deadline: <u>**March 27**</u> (LLRISE) & <u>**May 16**</u> (LLCipher)

Cost: Free

Links: https://www.ll.mit.edu/outreach/llrise

https://www.ll.mit.edu/outreach/llcipher

https://mit-llc.smapply.io/prog/llcipher_-_virtual/

https://mit-llc.smapply.io/

The **International Summer School for Young Physicists** welcomes students who have a strong interest in physics and mathematics to apply. There will be mini courses introducing participants to concepts, keynote sessions where researchers discuss their work, career exploration coupled with Q&A sessions, and time to connect with peers.

Eligible: All Juniors & Seniors

Dates: **July 19 - 30** (10:00am - 4:00pm)

Location: Virtual

Application Deadline: <u>**March 31**</u>

Cost: $250 – some financial aid may be available

Links:

https://perimeterinstitute.ca/outreach/students/programs/international-summer-school-young-physicists

outreach/students/programs/international-summer-school-young-physicists

https://perimeterinstitute.ca/outreach/students/virtual-issyp

The **Ross Mathematics Program** is "designed to immerse students in a world of mathematical discovery. The Number Theory is the central topic of the program, but students will also explore deeper concepts. There are also undergraduate and graduate student counselors studying math and science providing guidance. Students should apply before the deadline indicated below because applications are accepted on a rolling basis and decisions may be released as soon as March."

Eligible: All Students ages 15 - 18

Dates: June 27 – August 6

Location: Virtual

Application Deadline: <u>**April 1**</u> (Rolling Basis acceptances – apply early!)

Cost: $1,500 – need-based financial aid available

Links: https://rossprogram.org/

https://rossprogram.org/students/

https://rossprogram.org/students/to-apply/

https://rossprogram.org/students/course-topics/

Cooper Union Online Summer STEM Engineering Program

"This engineering-focused program meets Mondays through Thursdays and introduces students to high-level engineering design & problem-solving. It includes presentations, interactions with engineers & faculty, and student-initiated projects. Interested students should apply ASAP – Space is limited!"

Eligible: Current freshmen, sophomores & juniors

Dates: Session One: **July 6 – July 22;** Session Two: **July 26 – August 12**

Deadline: **April 4**

Cost: $1,585 – Substantial financial aid may be available to eligible students.

Links: https://cooper.edu/engineering/summer-stem

https://summer-stemcooper.slideroom.com/#/login/program/59564

Columbia University SHAPE

The Summer High school Academic Program for Engineers consists of two three-week summer sessions and students may attend one or both. "Students will choose a subject and participate in one of these introductory college-level engineering courses. The program also features electives, college preparation, support from Columbia students, and other workshops."

Eligible: All current freshmen, sophomore, and junior students

Dates: June 28 – July 16 or July 19 – August 6

Location: Virtual

Application Deadline: **March 25** (Priority & Scholarship Deadline: $50 application fee waived) then Rolling Basis

Cost: $3,900 – full need-based scholarships are available

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

https://outreach.engineering.columbia.edu/shape/courses

The **Hk Maker Lab** is a free six-week bioengineering/entrepreneurship summer program at Columbia University for low-income students. Admissions preference is given to current sophomores & juniors (but all students may apply).

Eligible: All Sophomores & Juniors (Preference to lower-income students)

Dates: July 19 – August 26

Location: Columbia University

Application Deadline: **March 28**

Cost: Free

Links: http://hypothekids.org/hk-maker-lab/

https://www.hypothekids.org/hk-maker-lab-application-info-page

https://harlembiospace.wufoo.com/forms/pgbnsbj1rorcd2/

Summer Engineering Awareness Program

"Manhattan College is recruiting for their free 2021 Summer Program for Minority **Manhattan College** and Women High School Students interested in Engineering and Science. Students will be introduced to different career opportunities within engineering, as well as training in applying for college, financial aid, and SAT prep.

This program for current sophomores & juniors takes place in July and is geared toward under-represented and female students, but is open to all. This program introduces students to many aspects of engineering."

Eligible: Current female & under-represented 10th and 11th graders (however all current 10th & 11th graders may apply)

Dates: July 6 – July 19

Cost: Free

Location: 3825 Corlear Avenue, Riverdale

Application Deadline: **April 9**

Links:

The **Boston Leadership Institute** is accepting applicants for its various summer 2021 STEM research programs. They offer one-week and three-week program options. Participants will engage in experimental research with faculty experts and explore potential college majors and careers. Programs include:

- Science: Biological research, chemistry research, forensic science, etc.
- Medicine: Neuroscience, oncology, emergency medicine, etc.
- Engineering/Tech: Biomedical engineering, electronics, robotics, etc.
- Business: Entrepreneurship, finance.

Eligible: Current sophomores & juniors

Dates: Summer 2021

Location: Various

Application Deadline: Rolling Basis

Cost: Various: $1,200 - $4,000 (Limited need-based scholarships available)

Links: https://www.bostonleadershipinstitute.com/application/

https://www.bostonleadershipinstitute.com/faq/

Steven H. Strogatz Prize for Math Communication
Cash prizes will be awarded for compelling math communication projects, and award-winning projects will be posted online. Projects will be accepted in the following categories: Apps or digital interactives, Audio, Performance, Social media, Video, Writing. Projects should be suitable for sharing with a general audience and should inspire an interest in or appreciation of mathematics. **High school students can work in pairs, small teams, or individually.**
Eligible: All students
Application Deadline: **April 21**
Links: https://momath.org/the-steven-h-strogatz-prize-for-math-communication/

NYU Tandon invites students interested in Machine Learning/Artificial Intelligence, augmented reality, AR application creation, 2D/3D asset creation, or mobile content creation to apply for their spring and summer sessions. Participants meet bi-weekly on Saturdays in virtual lectures and lab sessions, and receive mentoring. Program include: **XR Through Virtual Worlds**, **Machine Learning**, and **Connected Devices**. Learn more and apply below:

Eligible: All Students

Dates: Summer Terms: June 21 – July 2; July 12 – July 23; August 2 – August 13

Location: Virtual

Application Deadline: **May 25**

Cost: $2000 per two week session

Links: https://engineering.nyu.edu/academics/programs/k12-stem-education/open-access-programs

https://engineering.nyu.edu/academics/programs/k12-stem-education/open-access-programs/xr-through-virtual-worlds

https://engineering.nyu.edu/academics/programs/k12-stem-education/open-access-programs/machine-learning

https://engineering.nyu.edu/academics/programs/k12-stem-education/open-access-programs/connected-devices

Data for the People (D4P)

"Data for the People (D4P) is a weekly, interactive web-series that invites all people to engage with relevant scientific research topics, such as COVID-19. Scientific research topics are presented by scientists in our communities—directly from the primary scientific literature—and explored in a way that maintains the rigor of the research, while eliminating the inaccessible jargon."

Link:

https://rockedu.rockefeller.edu/d4p/mc_cid=1ea971ba50&mc_eid=bd600c268c

GirlGenix "is a non-profit youth organization to unite young girls interested in pursuing careers in STEM. They offer tutoring and mentoring as well as sharing personal stories to create a virtual community for the female youth in STEM. Their virtual platform aims to help girls in middle school and high school with their educational journeys to a STEM career."

Eligible: All female identifying students

Application Deadline: **Rolling Basis**

Links: https://docs.google.com/forms/d/e/1FAIpQLSfE2ybpLyY_pURb-ccwbX-_7vwjkQVFlvFb0h0TQt_oGALXhA/viewform

Columbia S.W.E. Newsletter

"The Columbia Society of Women Engineers (SWE) will be starting a newsletter and holding virtual events to engage with high school students." Sign up to learn about "events held by SWE, STEM internships and educational opportunities, design challenges, and other resources."

Eligible: All Students

Application Deadline: Rolling Basis

Cost: Free

Link:
https://docs.google.com/forms/d/e/1FAIpQLSfASHccqHHCAukfC6L_AWewkkMIXLFK_KhfXf39vF_Ky-MS1Q/viewform

Museum of Mathematics Programs & Resources:
Check the link below to access these great resources - Many of MoMath's programs are being offered for **free or at a reduced rate** for those in need — please visit individual event pages for more information.
https://drive.google.com/file/d/1jp28buIDSUt46fOGZc-2BiDyMvb23OzF/view?usp=sharing

Virtual STEM Field Trips

"All students can choose from more than [100 free virtual field trips](#)! Visit extraordinary people and places, remarkable events in history, and fascinating topics! From animals to aerospace, NYC's water supply to national parks, honeybees to hip-hop, presidential campaign ads to the Pacific garbage patch, explore the streets of New York and beyond. Dive deeper into movements of change and the inspiring individuals who led the way. Discover your passion and feed your curiosity."

Eligible: All students

Dates: Ongoing

Cost: Free

Links: https://spep.libguides.com/VirtualFieldTrips/9-12

Three Tech/Science Lists:

-Here is a comprehensive list of nationwide STEM programs & resources available to high school students:

https://www.pathwaystoscience.org/programs.aspx?u=HighSchool_High+School+Students&submit=y

-NASA offers a variety of resources and programs for students interested in aerospace technology.

Links: https://www.nasa.gov/audience/forstudents/current-opps-index.html

https://www.nasa.gov/audience/forstudents/9-12/index.html#.UtAyv_vAG2k

-Connectory: An outstanding compilation of local opportunities in science, mathematics, and other related disciplines. Once on the site, just enter your zip code and area of interest to obtain comprehensive, up-to-date information on compatible programs for your student.

Link: http://theconnectory.org/

Medical/Life Sciences

New: The **Manhattan/Staten Island Summer Health Internship Program** (**SHIP**) invites students with an interest in the health professions to apply for a summer health internship program that allows students to interact with medical professionals. The medical sites for this six-week program are in Manhattan and Staten Island.

Eligible: Manhattan & Staten Island resident sophomores, juniors & seniors (age 16 and older by start of program)

Dates: Summer

Locations: Various

Deadline: **March 26**

Links: https://msiahec.org/programs/ship/

https://msiahec.org/ship-application/

New: The **CEYE at the Icahn School of Medicine at Mount Sinai** is offering two summer programs: **Introduction to Bioinformatics** and **Medical and Scientific Exploration**. Both programs will teach students the basics of cellular and molecular biology but with different approaches, either through the analysis of

open access genomic data or guidance from different laboratories and clinical departments. "Students will also participate in team building, leadership development and college readiness."

Eligible: All Students who identify as African American, Native American, or Alaskan American or meet state-determined low-income economic criteria

Dates: **July 6 – August 13**

Location: Virtual

Application Deadline: <u>April 4</u>

Cost: Free

Links: https://icahn.mssm.edu/about/diversity/ceye/programs/summer

https://docs.google.com/forms/d/e/1FAIpQLSeHhquE55a8BmebiD58uPrXFFKUr0xquuOhmY7-3umZfXBsqA/viewform

https://mountsinai.app.box.com/s/3lheck5t5c7dwg116mbhg20a3z2sqd9t

https://mountsinai.app.box.com/s/e264aa84bqagf32znzasmrp1ww75omjw

https://mountsinai.app.box.com/s/cr5ta7stvofsu38xfdfid16thjrj4swe

https://mountsinai.app.box.com/s/8du4hni0bgu3nstlzhc77pd6cvmhsgkp

Event Approaching **BraiNY Bunch Neuroscience Club**

BraiNY is looking for students to join this virtual journal club that meets to discuss scientific papers. It is co-led by two high school students and coordinated and mentored by a graduate student, postdoc, or research staff. Participants will have the opportunity to learn about different areas of neuroscience through careful readings and discussion of scientific findings. Each member of a BraiNY Bunch team will receive a $30 honorarium for participating.

Eligible: All students

Dates: <u>February 28</u> (2:30-3:30pm) and the first Sunday of every month

Location: Virtual

Application Deadline: Rolling Basis

Cost: Free

Links: https://www.comebebrainy.com/
https://docs.google.com/forms/d/e/1FAIpQLSewe89sKrt4ihIh0YdkJ3nljPoeFV-LouoOOBWY_U7q3vFbWg/viewform

BioBus Paid Summer Internship

Participants serve as mentors at the BioBus Summer STEM camp for elementary school students and then do research with BioBus scientists on weekends throughout the 2021-2022 school year.

"BioBus, Inc. is seeking students with a passion for science exploration, and an interest in gaining research experience and teaching experience. Interns will receive training/mentorship by research scientists, while developing their own independent projects using research-grade microscopes, participate in outreach events and gain science communication skills. Interns will be paid by the hour. **BioBus seeks to diversify our student popula**tion by giving preference to individuals from groups that are underrepresented in the STEM fields (such as minority, female and low-income students). All students are welcome to apply."

Eligible: All current 9th, 10th, and 11th grade students may apply: preference given to minority, female, & low-income students.

Dates: Summer and 2021-2022 school year:

Location: 3227 Broadway at 129th Street, Manhattan

Application Deadline: **March 15**

Cost: Free – participants are given hourly pay.

Links:

https://drive.google.com/file/d/1mR1sx06iQ3j_zRl3nOtL7cPwg4va3ubu/view

https://www.biobus.org/internship/?mc_cid=f3ffb243e3&mc_eid=2fcf0e0bf1

https://docs.google.com/forms/d/e/1FAIpQLSekSmeQhAOv7RiFykfigluvJpFQoBYAqA3_3NZ0utzmUgpnbw/viewform

Summer Neuroscience Program at Rockefeller University

This is a selective summer neuroscience program for high school students (16 and older). It includes classroom sessions and hands-on projects. Motivated, mature, and inquisitive applicants are encouraged to apply.

"The Summer Neuroscience Program (SNP) at The Rockefeller University is a two-week course aimed at introducing talented NYC public high school students to the brain. Led by graduate students, the program takes a look at the most current research in neuroscience in an effort to understand how our brain works and how it relates to our daily life. In addition to the series of highly interactive lectures, students present fun and fascinating journal articles to their classmates. Students also visit research laboratories, dissect brains, and design and conduct neuroscience experiments."

Eligible: Students who are 16 or older by August 16

Dates: **August 16 – 27**

Location: TBA

Application Deadline: __March 21__

Links: http://www.rockefeller.edu/outreach/snp

https://www.rockefeller.edu/outreach/snp/summer-neuroscience-program-snp-faqs/

The **MISA (Medical Immersion Summer Academy)** is accepting applications from students interested in healthcare. Throughout this one-week program, students will experience virtual simulation labs on medical procedures, hands-on training of medical techniques, introduction to clinical research, and connect with health professionals.

Eligible: All Students ages 15 and older

Dates: Summer: **July 19 – 23** or **July 26 - 30** or **August 2 - 6**

Location: Virtual or in-person in Oakland, California - TBD

Application Deadlines: __April 2__

Cost: $900

Links: http://misahealth.com/

http://misahealth.com/program-details/

https://healthpipeline.wufoo.com/forms/w1nrm5ih1dwvzna/

The **Feinstein Institute** in Manhasset, Long Island offers the **Summer Scholar Visiting Program** for high school students. Participants must be 16 years old at the start of the program, and follow the instructions for contacting participating Institute medical mentors – obtaining a mentor is a requirement.

Eligible: All students 16 and older

Dates: Summer 2021

Location: Manhasset, Long Island

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

Cost: Free (no housing provided)

Link:

http://www.feinsteininstitute.org/education-careers/education/student-intern-programs/

All 9th, 10th, and 11th grade students may apply to the one-week virtual summer **Health & Biomedical Sciences Camp**. Students meet medical professionals & may study a variety of subjects, including molecular biology, immunology, and more. There is a rolling admissions process; interested students may apply ASAP.

Eligible: Current freshmen, sophomores, and juniors

Dates: July 27 - 29

Deadline: Rolling Basis

Cost: $175 Registration Fee

Links: https://www.lvc.edu/academics/summer-community-programming/health-biomedical-sciences-camp/

https://www.lvc.edu/life-at-lvc/summer-community-programming/health-biomedical-sciences-camp/application/

Virtual Physician Shadowing & Course with Baseline Med

"Welcome to **Virtual Shadowing | Nano Course in Emergency Medicine**!
This is an online program that you can take on your own time.
Watch over the shoulder of one of our physicians, nurse practitioners, or PAs as they go bedside in the ED to assess and diagnose a simulated patient. Each video is followed-up by a series of questions posed to the student and then a summary by the physician. A short quiz on the topic addressed finalizes each class. These

videos are **free** and if so desired, after successfully completing all five modules with a 100% score, students can apply for a Certificate of Completion from the University of Colorado School of Medicine for a $50 fee (covering our costs of producing the videos).

Eligible: All students

Dates: Ongoing

Application Deadline: Rolling Basis

Cost: Free

Links:

https://www.coloradowm.org/courses/pre-med/virtual-shadowing-nano-course-emergency-medicine/

Baseline Med Writer

"Baseline Med is a platform for students to learn more about the medical field through the perspectives and opinions of pre-med students and physicians." They are committed to promoting diversity in medicine and a support network for students interested in the medical field. Students interested in writing for Baseline Med can register at the link below:

Eligible: All students

Dates: 2020 – 2021

Application Deadline: Rolling Basis

Cost: Free

Links: https://baselinemed.com/

https://docs.google.com/forms/d/e/1FAIpQLSfDsU53nCn05PT7Z-IeL2BxHtZbdN4R4SYReB0vcvr54ZJqLQ/viewform

Medical Career Information Resource

My Next Move provides concise information about many different career paths, including a wide range of medical professions. Students can learn about each specialty's knowledge, skills, abilities, technology, and personality type that may lead to success in the field. For an example, check the link for veterinarians below:

Links: https://www.mynextmove.org/find/search?s=doctor
https://www.mynextmove.org/profile/summary/29-1131.00

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Theater/Writing/Music/Video:

New: Event Approaching: **Girls Write Now Friday Night Salons**

All students are welcome to view these free regular weekly get-togethers with successful writers. Past sessions are also available to view online. The next session's topic is: **Writing for Kids: Picture Books 101**

"Girls Write Now mentor and author Megan Reid, along with her literary agent Wendi Gu, share the magic of writing for elementary school kids as an adult, and

the process of transforming research into writing kids will care about! Learn about the importance of style, understanding your audience, and working with an illustrator to turn your words into imagery. Plus, get insider tips on how to break into publishing and pave the way for a new generation of writers."

.*Eligible:* All students

Dates: **January 26** and subsequent Friday evenings (6:00 – 7:30pm)

Application Deadline: Rolling Basis

Cost: Free

Links: https://www.girlswritenow.org/calendar/feb26salon/
https://us02web.zoom.us/meeting/register/tZ0sce6orD0sE9SvYmMPRYlJmsbNqSEKU_JL

New: Deadline Approaching: The **2021 Youth Video Contest** is accepting submissions aligning with their theme "The Beginning of You." Students will submit a short video story about things that define themselves, and may use any digital tools or applications.
Eligible: All Students under 18
Application Deadline: **February 28**
Link: https://www.antinanco.org/youthvideocontest

New: Deadline Approaching: **Chinese American Citizens' Alliance Essay Contest**
All students may enter this essay contest, which will focus on a topic of interest to the Asian-American community. Participants will write their essay during a 'live'

90-minute time frame on Saturday, March 6th. **There is a $1,000 top prize** - More information at the links below

Eligible: All students

Date: **Saturday, March 6** (10:00 – 11:30am)

Location: Virtual

Application Deadline: **March 4**

Links:
https://drive.google.com/file/d/1gumZ6_0AXBBlm_Wr_FNkG_1k_8eE-03B/view?usp=sharing
https://drive.google.com/file/d/1TZb0I5zD9iYdw6BvUipw9tckG1XiaS3U/view?usp=sharing

Deadline Approaching:

Penguin Random House Creative Writing Awards Contest

All public school seniors may submit one original literary composition in English in one of the genres of poetry, spoken word poem, fiction/drama or personal essay/memoir.

Eligible: Current Seniors

Application Deadline: **March 2** (or when 1000 applications have been received)

Link: https://learnmore.scholarsapply.org/penguinrandomhouse/

Deadline Approaching: **New York Times/Science News STEM Writing Contest**

"Students will choose an issue or question in STEM that interests them and then write a 500-word explanation that will engage and enlighten readers." Winning entries will be published. See below for the rubric and additional information.

Eligible: All Students age 11-19

Application Deadline: **March 2**

Links: https://www.nytimes.com/2020/12/23/learning/our-2nd-annual-stem-writing-contest.html

https://int.nyt.com/data/documenttools/lnstem-contest-rubric2021/2134323d0379aa99/full.pdf?utm_source=&utm_medium=&utm_campaign=

Deadline Approaching: **Private Frontier Essay or Video Contest**

Students are invited to submit 1 500 – 1,000 word essay about Entrepreneurship & Innovation. "Is society better served with greater involvement from entrepreneurs? If so, who pays and who profits?" There is also a video competition, with both formats offering a top prize of **$2,500**.

Eligible: All students 12 -18 years old

Application Deadline: **March 8**

Links: https://stosselintheclassroom.org/essay-contest/

https://stosselintheclassroom.org/submit-essay-student/

https://stosselintheclassroom.org/video-contest/

Deadline Extended: **Princeton University Summer Journalism Program:** This free virtual program is for low-income juniors who might be interested in journalism as a career. Students participate in a range of workshops, lectures, and

activities led by professional journalists, Princeton professors, and program alumni.

Eligible: Low- income juniors (family income below $60,000) with a minimum 3.5 GPA.

Dates: Mid June – Early August

New Application Deadline: **March 15**

Cost: Free

Links: https://psjp.princeton.edu/about-program/apply

https://psjp.princeton.edu/apply/eligibility
https://psjp.princeton.edu/apply/application-process

Ghetto Film School
"The Ghetto Film School in the Bronx invites all students with an interest in filmmaking to apply for their free, 30-month Fellows program, which introduces students to professional-level film production and industry workshops. It begins this summer and continues into 2024 school year with Saturday professional training sessions. The Fellows Program is an intensive and challenging program requiring an exceptionally high level of commitment from all participants. In addition to the 30-month class schedule, students and instructors oftentimes spend weekends and evenings at Ghetto Film School when additional time is necessary. Perfect attendance is mandatory. The value of your experience depends on maintaining great dedication to our program and your fellow filmmakers."

Eligible: All students

Dates: Summer 2020 – Spring, 2024; Saturdays throughout school year

Location: 79 Alexander Avenue, Bronx, New York

Application Deadline: **March 31**

Cost: Free

Links: https://www.ghettofilm.org/nyfellows

https://docs.google.com/forms/d/1IQlVQi-L-ii4M15wxGTJL1ry-JwgrrsVHE-MSfYa9EE/viewform?edit_requested=true

The **Crescendo Music Academy Music Classes**

Crescendo offers "a wide range of online, in-person, group- and private music lessons and classes for most instruments and all skills levels." Lessons consist of beginners, intermediate, and pre-professional programs of varying lengths. Classes offered cover music theory, rhythm & rhythmical notation, sight reading, finale (electronic musical notation class), music literature, music history, composition & arranging. There are free trial lessons and live monthly zoom concerts."

 Learn more and register at the links below:

Eligible: All Students

Dates: Various

Locations: Various

Application Deadline: Rolling Basis

Cost: Various

Links: https://cma-ny.org/

https://cma-ny.org/programs-3/

https://cma-ny.org/classes/

The **National Peace Essay** offers a $2,500 top prize for high school essayists. This year's essay topic focuses on specific characteristics that lead to a successful effort by diplomats and peacebuilders to mediate or prevent violent conflict, and must include one example of a situation where diplomats worked on a peacebuilding initiative with partners from the country/region in question, nongovernmental organizations, and other parts of the U.S. government. Essays must be at least 1,000 words long.

Eligibility: All Students

Application Deadline: **April 5**

Links: http://www.afsa.org/essay-contest

https://www.usip.org/public-education/students/AFSAEssayContest

The **Neighborhood Playhouse Junior School** offers various programs. Their **Summer Program** offers a Meisner Teen Conservatory intensive for high school students interested in honing "their performance acting skills in an exciting and creative environment." Learn more about individual courses and register below:

Eligible: All Students

Dates: Summer Program: **July 19 – August 13** (Monday-Friday 10:00am-5:00pm)

Location: TBD

Application Deadlines: **May 15**

Cost: $2,600

Links:

http://www.playhousejuniors.com/meisner-teen-conservatory-15-18-yrs.html

http://www.playhousejuniors.com/course-descriptions.html

http://www.playhousejuniors.com/summer-application.html

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Opportunity Lists and Resources:

A list of scholarships, career guidance, and other resources for Black/African American students may be accessed at:

https://www.careerexploration.com/resources/african-american/

A helpful article and regularly updated site containing scholarships and other resources for undocumented students can be found below:

https://www.kqed.org/news/10914421/new-app-helps-undocumented-immigrants-find-college-scholarships

https://mydocumentedlife.org/2016/09/12/scholarships-open-to-undocumented-students/

-- **NYC Online Department of Youth Activities**

Free programs in dance, music, art, poetry, film-making and more:

https://www1.nyc.gov/site/dycd/services/special_initiatives.page

--Torus Teens General Opportunity Site

This website provides helpful information about a wide variety of opportunities for students.

Links: https://torusteens.com/about

https://torusteens.com/search?interest=&city=

--Johns Hopkins Center for Talented Youth:

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

--Teen Life: Useful alphabetized list of local programs:

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

--The **Academy of Applied Science** connects high school students to high-quality enrichment programs in science, math, and technology. Learn more at these links:

http://www.aas-world.org/

http://www.aas-world.org/interest-pages/for-students.html

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Scholarships:

Deadline Extended/Approaching: **The National Scholarship**
All seniors who have significant unmet financial need and meet additional immigration & academic criteria may apply for this renewable award that covers up to $16,500 for an associate degree and $33,000 for a bachelor's degree.
Eligible: All Seniors who meet the immigration & academic criteria detailed in the links below.

New Application Deadline: <u>**March 4**</u>

Links: https://www.thedream.us/scholarships/national-scholarship/

https://www.thedream.us/scholarships/national-scholarship/guidelines/

https://www.thedream.us/scholarships/national-scholarship/apply-national-scholarship/

https://www.thedream.us/scholarships/national-scholarship-faq/

Live Out Loud LGTBQ+ Scholarships

"The **LIVE OUT LOUD Young Trailblazers Scholarship** was created to provide financial support to LGBTQ+ identifying youth with financial need. Through this scholarship, LGBTQ+ youth can apply for funds to pay for education-related expenses to pursue a degree from an accredited college, university, or technical/vocational program. **This year Live Out Loud is awarding scholarships of $5,000"**

Eligible: LGBTQ+ identifying youth with financial need

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

Link: https://www.liveoutloud.info/programs/scholarship/

Community Service Scholarships: In addition to the many ways students benefits from community service, those who do so may also be eligible for a variety of scholarships & awards for achievement in this area. Learn more from this interesting article:

https://hscw-collegeexplore.blogspot.com/2020/01/community-service-pays-big-dividends.html

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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**