

# *Stuyvesant Student Opportunity Bulletin #24L*

*March 5, 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)

1. [EVENTS OF INTEREST TO STUDENTS](#)
2. [ACADEMIC PROGRAMS](#)
3. [BUSINESS & JOBS](#)
4. [COMMUNITY SERVICE](#)
5. [LEADERSHIP, GOVERNMENT, LAW, ADVOCACY,  
INTERNATIONAL](#)

6. MUSEUMS & ART

7. PARKS, ZOOS, & NATURE

8. STEM OPPORTUNITIES

a. ENGINEERING / MATH / COMPUTER SCIENCE

b. MEDICAL / LIFE SCIENCES

9. THEATER, WRITING, MUSIC, PERFORMING ARTS, VIDEO

10. OPPORTUNITY LISTS AND RESOURCES

11. SCHOLARSHIPS

This week's edition includes several excellent and interesting new events & opportunities –**some events are scheduled for Saturday, March 6, and some programs have very imminent deadlines – as early as March 15 - so please explore them ASAP.**

For example:

--In the EVENTS section, **there is a “Girls in Science & Engineering”** interactive session on **Saturday, 3/6**. On the same day, check out the **“Future of Robotics”** discussion with the head of the Google Brain project.

--In the STEM section:

The **CCNY Summer STEM Institute** is open to all 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> graders. There are also new opportunities with **Brookhaven National Laboratory** for seniors & some juniors, and with **CUNY Earth Science/Engineering** for female & other under-represented group students.

--In the area of Biology/Medicine/Life Sciences, a new one-day **Perry Initiative** interactive event for female students on April 12 (register ASAP – these fill up quickly), plus the **Sophie Davis Medical School Mentorship** program for all sophomores interested in medicine, and the **CDC Disease Detective** virtual one-week summer program.

--In the Theater/Writing/Performing Arts section, all students may apply for the free **Summer Arts Institute's** wide variety of creative options, Student writers should consider the “**Apprentice Writer**” program or enter the “**John Sexton Essay Contest,**”

--And students who enjoy dance should consider the **Young Dancemakers Summer Program** for this upcoming July & August.

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 early – **please do not procrastinate!!** All students and parents are always welcome to contact Harvey Blumm at [hblumm@stuy.edu](mailto: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](mailto:hblumm@stuy.edu) - we will share your helpful information with the Stuy community!

## **Events:**

*New: Event Approaching:*

### **TKS Talks: The Future of Robotics with Google Brain**

This talk will feature Pierre Sermanet, a lead researcher at Google Brain's robotics division, who will be sharing his ideas about the future of robotics. Register below:

*Eligible:* All Students

*Date:* **March 6** (1:00pm)

*Location:* Virtual

*Application Deadline:* Rolling Basis

*Cost:* Free

*Link:*

[https://tks.world/talks/?utm\\_medium=referral&utm\\_source=schoolsandorgs&utm\\_campaign=marketing\\_february\\_2021\\_schoolsoutreach\\_tkstalks&msID=19087482-d951-4b06-a386-276b8e26ac3a](https://tks.world/talks/?utm_medium=referral&utm_source=schoolsandorgs&utm_campaign=marketing_february_2021_schoolsoutreach_tkstalks&msID=19087482-d951-4b06-a386-276b8e26ac3a)

*New: 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 female students

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

***Location:*** Virtual

***Application Deadline:*** Rolling Basis

***Cost:*** Free

***Links:*** [Description](#), [Registration Form](#)

<https://www.intrepidmuseum.org/education/girls-in-science-and-engineering>

[https://docs.google.com/forms/d/e/1FAIpQLSd0ukd56j22o5S3cVRfZnIo3GEnuY5BLXc8L\\_v4qu-2iytaQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLSd0ukd56j22o5S3cVRfZnIo3GEnuY5BLXc8L_v4qu-2iytaQ/viewform)

### ***New:*** **Kweller Prep College Resume Workshop**

“Kweller Prep is excited to offer a free webinar on how high school students can develop a stellar resume for their college applications. This free event will be hosted by longtime Kweller Prep Tutor and Barnard College of Columbia University senior Mehrose.”

***Eligible:*** All students

***Date:*** **Wednesday, March 10** (7:30 -8:30pm)

***Location:*** Virtual

***Application Deadline:*** Rolling Basis

**Cost:** Free

**Link:**

<https://docs.google.com/forms/d/e/1FAIpQLSdLnpYb1pzd9QjaNOhpZhsx-OxCtjOYg-vqF2PyICfsd9wMQ/viewform>

**New: STEM/Engineering College Presentations & College Fair Days**

“CACHET STEM Days will take place March 29 through April 1. This includes presentations about STEM topics such as Robotics, Artificial Intelligence, and tips on applying to STEM-focused schools such as MIT, NYU Tandon, RPI, and more. Plus a '6x6' college fair, collaborative workshops featuring several colleges and universities, and information sessions focused on specific colleges and universities.”

**Eligible:** All students

**Dates:** March 29 – April 1

**Location:** Virtual

**Application Deadline:** Rolling Basis

**Cost:** Free

**Link:** <https://www.strivescan.com/cachet/>

**New: Cowboy Joe Redux Virtual Table Read**

Join this virtual table read of “Cowboy Joe Redux”, “a short film about a Chinese girl living in NYC who dreams of becoming a cowboy.” Register below:

***Eligible:*** All Students

***Dates:*** **March 10** (3:00pm)

***Location:*** Virtual

***Application Deadline:*** Rolling Basis

***Cost:*** Free

***Link:***

[https://us02web.zoom.us/webinar/register/WN\\_9BssE7LAQ62iXgA2zsxDPA](https://us02web.zoom.us/webinar/register/WN_9BssE7LAQ62iXgA2zsxDPA)

***Event Approaching:*** **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>

***Event Approaching:***

**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>

***Event Approaching:***

**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://nysci.org/learninglab/youth-development/college-readiness-workshops/>

[https://docs.google.com/forms/d/e/1FAIpQLSeDRoLpWZPQX2DDRuyDnDVUr2Ld7xvACmUMxnv0\\_zFjOrKh0Q/viewform?vc=0&c=0&w=1&flr=0&gxids=7628](https://docs.google.com/forms/d/e/1FAIpQLSeDRoLpWZPQX2DDRuyDnDVUr2Ld7xvACmUMxnv0_zFjOrKh0Q/viewform?vc=0&c=0&w=1&flr=0&gxids=7628)

**Summer Pre-College Academic Programs Information Fair**

All students are invited to attend these online events, at which they can view & interact with representatives from many leading summer academic programs held at various universities.

***Eligible:*** All students

***Date:*** **April 10** (11:00am)

***Location:*** Virtual

***Application Deadline:*** Rolling Basis

***Cost:*** Free

***Links*** [https://www.summerstudyinusa.org/wp-content/uploads/2020/12/PCPD\\_Fair\\_Flyer.pdf](https://www.summerstudyinusa.org/wp-content/uploads/2020/12/PCPD_Fair_Flyer.pdf)

[https://app.brazenconnect.com/a/Precollege\\_Program\\_Directors/e/Wgp59](https://app.brazenconnect.com/a/Precollege_Program_Directors/e/Wgp59)

**[RETURN TO TOP](#)**

**[Academic Programs:](#)**

**New:** USC Summer Programs have virtual 4-week course offerings in architecture, business, engineering & information technology, global studies, journalism, performing arts, pre-health & science, pre-law, and writing & creative thinking. A 2-week course offering is available in architecture. There are also opportunities for students to engage in the USC community including USC admissions workshop, USC student panel, trivia tournaments, and more. Decisions are made on a rolling basis, so interested students should apply ASAP.

**Eligible:** All Students

**Dates:** June 14 – July 9

**Location:** Virtual

**Application Deadline:** May 7

**Cost:** \$3,060 - 5,985 plus \$65 application fee

**Links:** <https://summerprograms.usc.edu/>

<https://summerprograms.usc.edu/program-overview/daily-schedule/>

<https://summerprograms.usc.edu/apply/overview/>

<https://usc.smapply.io/>

[https://usc.zoom.us/webinar/register/WN\\_S92yO19ERAAa0C8rfBr3NuA?timezone\\_id=America%2FNew\\_York](https://usc.zoom.us/webinar/register/WN_S92yO19ERAAa0C8rfBr3NuA?timezone_id=America%2FNew_York)

***First Course Approaching:* 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](mailto: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>

### ***Deadlines Approaching: 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>

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=1siFIOIGa%2FSof7274gnCiw%3D%3D](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=1siFIOIGa%2FSof7274gnCiw%3D%3D)

## **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:** **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/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/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>

## **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>

**[RETURN TO TOP](#)**

## **Business & Jobs**

***New:*** The **Tomorrow's Business Leaders Program** is offering an 11-week summer session focused on career preparation and personal finances. Students will attend class twice a week and learn about resume writing, elevator pitches, LinkedIn, mock interview, and personal finance with the WSB Financial Literacy Group. Students will also receive mentorship from industry experts.

***Eligible:*** All Students

***Dates:*** Summer

***Location:*** Virtual

***Application Deadline:*** Rolling Basis

***Cost:*** Free

***Links:*** <http://www.tomorrowsbusinessleaders.org/>

<http://www.tomorrowsbusinessleaders.org/tbl-program>

<http://www.tomorrowbusinessleaders.org/studentapplicationhome>

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 11 – 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](https://scoutingevent.com/Download/64072369/OR/Structure_Tone_Gensler_Spring_2021.pdf)

***Deadline Approaching:***

**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>

[\*\*RETURN TO TOP\*\*](#)

## **Community Service**

The **MinKwon Center** is offering several 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-1C-W4cZOObVOhDMrGZzWsKhV8g/viewform?mc\\_cid=b2566d9ea2&mc\\_eid=642f4c3cb5](https://docs.google.com/forms/d/e/1FAIpQLSf-i-JhQDQxR8yWpxrD7nRZ-1C-W4cZOObVOhDMrGZzWsKhV8g/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](https://docs.google.com/forms/d/1nOahpVqDo0tzojrM1t6sxCBgbZ115Idr5rySWS_nhFc/viewform?mc_cid=8c5e8016dd&mc_eid=642f4c3cb5&edit_requested=true)

[\*\*\*RETURN TO TOP\*\*\*](#)

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

***New: Priority Deadline Approaching:*** ACLU Summer Advocacy Institute

“Through a virtual intensive program, students will learn directly from lawyers, lobbyists, community activists, and other experts working to defend the civil rights and civil liberties critical to a free and open society. In classroom sessions, lectures, and policy debates, students will explore the complex nature of issue advocacy, legal strategy, and real world political decision making in Washington, D.C.” Interested students should apply by Priority Decision date, if possible.

***Eligible:*** All students (ages 15-18).

***Dates:*** **July 19 - July 23**

***Application Deadline:*** **Priority Decision: March 14**

**Regular Decision: April 18:**

**Location:** Virtual

**Cost:** \$250 (financial aid may be available)

**Links:** <https://www.aclu.org/high-school-program?redirect=summer-advocacy-program>  
<https://www.aclu.org/aclu-high-school-program-frequently-asked-questions?redirect=aclu-summer-advocacy-program-frequently-asked-questions>

### **New: Global Scholar International Relations Program**

“Global Scholar is an international relations intensive program that builds the knowledge and skills high school students need to make social change on a local and global scale. Through hands-on learning and meetings with leading policy experts, Global Scholar empowers young and emerging leaders to become change makers on their campuses and in their communities. It offers one & two-week summer programs.”

**Eligible:** All students

**Date:** Various sessions in late June & July

**Location:** Virtual or Blended (Virtual and In-Person) in Washington DC

**Application Deadline:** Rolling Basis

**Cost:** Ranges up to \$2,750 (some financial aid is available)

**Links:** <http://ampglobalyouth.org/global-scholar/>

<https://ampglobalyouth.org/2020/12/03/summer-2021-program-and-fee-details/>

<https://ampglobalyouth.org/global-scholar-apply/>

### **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>

### ***Deadline Approaching:*** **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 10<sup>th</sup> – 12<sup>th</sup> 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:*** **March 15**

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

***Deadline Approaching:***

**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 11<sup>th</sup> graders

***Dates:*** **June 29 - July 24**

***Location:*** Columbia University

***Application Deadline:*** **March 15**

***Link:*** <https://freedomandcitizenship.columbia.edu/>

<https://freedomandcitizenship.columbia.edu/apply>

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

***Deadline Extended/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)

***New Application Deadline:*** March 15

***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/>

### **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://cccnyc.org/campaigns/voicing-our-future-a-youth-agenda-for-nyc/>

## **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 10<sup>th</sup> 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 Deadline:** **April 16**

**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/content/dam/nyuhsa/docs/Aspire_Flyer_2021.pdf)

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

## **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/11FPTBnchRCn-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://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](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://tk.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 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> 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 9<sup>th</sup>, 10<sup>th</sup> , and 11<sup>th</sup> 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>

[RETURN TO TOP](#)

## **Museums, Art, Photography:**

### ***New:* NYC Civics for All Poster Contest**

“New York City students are invited to showcase their artistic talent and civic engagement by participating in the second annual NYC DOE Civics for All Poster Contest. The contest encourages students to learn about key issues, realize why student voice matters, and understand why voting and active civic participation is important.”

***Eligible:*** All students

***Application Deadline:*** **March 19**

***Links:***

[https://drive.google.com/file/d/1X\\_sE34SeqzIXapdNAYuOpKHFeX6cOIGb/view](https://drive.google.com/file/d/1X_sE34SeqzIXapdNAYuOpKHFeX6cOIGb/view)

***New:* Freshmen & Sophomores:** The **Museum of Arts and Design** offers the **ArtsLife Summer Program**, which provides **paid** summer internships in the arts. “Participants are introduced to museum careers such as Curatorial, Education, Development, Public Relations and Marketing, Visitor Services, Security, and Registrar. During the initial week, participants get to know one another and meet museum staff. During the remaining five weeks, participants work on collaborative projects with Museum staff, local designers, arts professionals who act as mentors. Students enjoy first-hand experience and the broadest possible exposure to ongoing museum activities, both public facing and behind-the-scenes”

**Eligible:** Current freshmen & sophomores

**Dates:** **July 6 to August 13** (Tuesday-Friday from 11AM to 3PM)

**Location:** 2 Columbus Circle, Manhattan

**Application Deadline:** **April 18**

**Link:** <https://madmuseum.org/programs/teen-programs-mad>

### **New: Congressional Art Competition**

Teen artists may enter the Congressional Art Competition, for a chance to have their artwork on display at the U.S. Capitol for one year. Entries must be submitted through your local congressperson. Contact your representative to confirm your district's participation and for guidance – consult this link to find your representative: <https://www.house.gov/representatives/find-your-representative>

**Eligible:** All students

**Application Deadline:** Rolling Basis

**Link:**

<https://www.house.gov/educators-and-students/congressional-art-competition>

### **Deadline Extended/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

**New Application Deadline:** March 12

**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>

**Deadline Approaching:** 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:** March 11

**Cost:** Free

**Links:** <https://teens.artsconnection.org/tct/>

[https://24142c22njof2wmqie159sr5-wpengine.netdna-ssl.com/wp-content/uploads/2020/12/TCT\\_FY21-Teens-Curate-Teens\\_Application-Preview-Artwork-online-submission\\_AG.pdf](https://24142c22njof2wmqie159sr5-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/nyssa/>

<http://www.oce.nysed.gov/nyssa/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/events/series/free-friday-nights?mc_cid=4da1aa0cd7&mc_eid=d48393664e)  
<https://rubinmuseum.org/visit/plan>

[\*RETURN TO TOP\*](#)

### **Parks/Nature:**

**New: Woodland Ecology Research Mentorship** at the beautiful Wave Hill Environmental Center in Riverdale. This is a mostly-virtual **paid** 14-month internship, which meets daily during the next two summers, and on Saturdays throughout the 2021-2022 school year.

“Participants gain in-depth knowledge of the principles of ecology, focusing particularly on ecological restoration in New York City, and to participate in important field research with working scientists—*all while getting paid!*”

**Eligible:** Current 9<sup>th</sup> to 11<sup>th</sup> graders with strong academic records (especially in science)

**Dates: June 2020 to August 2021**

**Location:** Wave Hill Environmental Center, 4900 Independence Avenue, Riverdale

**Application Deadline: March 29**



*Links:*

<https://www.wavehill.org/education/woodland-ecology-research-mentorship/>

<https://forestproject.wufoo.com/forms/zcxzt561etird2/>

**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](mailto: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](mailto: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](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>

[RETURN TO TOP](#)

## **Stem Opportunities:**

### **Engineering/Math/Computer Science:**

#### ***New: 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](https://docs.google.com/forms/d/e/1FAIpQLSd0ukd56j22o5S3cVRfZnIo3GEnumY5BLXc8L_v4qu-2iytaQ/viewform)

***New: Early Deadline Approaching:***

## **Courant Institute of Mathematical Sciences G-STEM Program**

The prestigious at NYU offers current 11<sup>th</sup> (& some 10<sup>th</sup>) grade students entry into **G-Stem**, a five-week summer program in math, science, & technology – this summer the focus will be on **Data Science**. The program includes classes, field trips, and development/presentation of a research topic.

**Eligible:** Juniors (& a small # of sophomores): Preference is given to those who have been historically underrepresented in STEM – especially girls and other minorities. However all students may apply.

**Dates:** July 6 - August 13

**Location:** Virtual / NYU Campus (undecided)

**Cost:** \$3,250 – Financial aid may be available for eligible students

**Application Deadlines:** **March 15** (Early application);

**April 15** (Regular Application)

**Links:** <https://cims.nyu.edu/gstem/>

<https://cims.nyu.edu/gstem/prospective-students/>

[FAQ](#)

## **New: Earth Science/Engineering Program**

The CUNY-Crest free summer Earth Science/Engineering Program welcomes applications from women & other under-represented high school students (preference to 10<sup>th</sup> and 11<sup>th</sup> graders). It runs for seven weeks and offers three college credits and a \$1000 stipend to students who complete the program.

**Eligibility:** Students from demographic groups traditionally underrepresented in STEM disciplines and careers, including women, students of color and those from low-income backgrounds, are strongly encouraged to apply. All students are welcome to apply.

**Dates:** July through August

**Application Deadline:** **March 30**

**Cost:** Free – Students who complete the program receive a \$1,000 stipend.

**Links:** <http://crest.cuny.edu/hires/apply-now/>

<https://crest.cuny.edu/hires/faq/>

### **New: STEM/Engineering College Presentations & College Fair Days**

“CACHET STEM Days will take place March 29 through April 1. This includes presentations about STEM topics such as Robotics, Artificial Intelligence, and tips on applying to STEM-focused schools such as MIT, NYU Tandon, RPI, and more. Plus a '6x6' college fair, collaborative workshops featuring several colleges and universities, and information sessions focused on specific colleges and universities.”

**Eligible:** All students

**Dates:** **March 29 – April 1**

**Location:** Virtual

**Application Deadline:** Rolling Basis

**Cost:** Free

**Link:** <https://www.strivescan.com/cachet/>

**New: Brookhaven National Laboratory Remote Summer Research Program**

The Brookhaven National Laboratory in Long island invites 12<sup>th</sup> graders (juniors may also apply) with an interest in STEM subjects to apply for their six-week summer High School Research Program. Students are paired with Brookhaven scientists and participate in lab research.

**Eligible:** Current 11<sup>th</sup> and 12<sup>th</sup> graders (preference to 12<sup>th</sup> grade students)

**Location:** Virtual

**Dates:** July 6 – August 13

**Application Deadline:** April 6

**Cost:** Free

**Link:** <https://www.bnl.gov/education/programs/program.php?q=219>

**New:** The **CCNY STEM Institute** offers various STEM courses including high school algebra & english, general college algebra, college algebra & trigonometry, precalculus, calculus I, game design, chemistry, financial management, critical reading & writing, and physics. The calculus and game design

**Eligible:** All freshmen, sophomores, & juniors.

**Dates:** **July 1 – August 12** (Mondays to Thursdays 9:00am - 4:00pm)

**Location:** Virtual

**Application Deadline:** April 6

**Cost:** Free

**Links:** <https://form.jotform.com/210344377191150>

<https://steminstitutenyc.org/program-schedules/>

***New:* Slingshot Computer Science Fellowship Summer Mentoring Program**

“Slingshot offers high school students **mentored CS internships at top CS school startups**. Join us this summer & become an industry-grade engineer!”

***Eligible:*** All students who are taking or have completed AP Computer Science and/or Senior-level CS courses

***Dates:*** 12 Week Summer Program, beginning May 24 (Training component for first three weeks)

***Application Deadline:*** Rolling Basis

***Cost:*** Free

***Links:*** <https://slingshotmentoring.com/>

***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](https://amnh.qualtrics.com/jfe/form/SV_ahic18MIzSIqQxT)

**Deadline Approaching: SUMaC (Standard University Mathematics Camps)**  
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:** **March 10**

**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>



***Deadline Approaching:***

**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>

[4-4cd1-a15c-37167bac00e9/summary](https://www.eventbrite.com/e/swes-engineering-exploration-experience-2021-tickets-137965631919)

***Deadline Extended/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)

***New Application Deadline:*** **March 15**

***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://cornell.qualtrics.com/jfe/form/SV_5cg3txNUBTBEtmd)

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

***Deadline Extended/Approaching:*** **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/apply)

[https://www.stonybrook.edu/commcms/garcia/summer\\_program/about.php](https://www.stonybrook.edu/commcms/garcia/summer_program/about.php)

***Deadline Approaching:*** 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>

***Deadline Approaching:*** **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 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grade students

**Dates:** 2021 – 2022 school year

**Location:** Columbia University, Manhattan

**Application Deadline:** **March 15**

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

**Deadline Approaching:** The **Army High School Apprenticeship 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:** **March 15**

**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](https://docs.google.com/spreadsheets/d/1W5w_DdWHztf4bGK4S4Ad_WGEzIDRn7lNUhkWtCbLlSk/edit#gid=0)

***Deadline Extended:***

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 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> graders

***Dates:*** June 28 – July 30

***New Application Deadline:*** **March 26**

***Cost:*** \$1,500 – limited financial support available

***Links:*** <https://applypact.com/apply/4>

<https://algorithmicthinking.org/>

***Deadline Extended:* 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

***New Application Deadline:*** **March 31**

***Cost:*** \$900

***Links:***

[https://www.inspiritai.com/liveonline?\\_hsmi=103752269&\\_hsenc=p2ANqtz-94WoAkXwu2GGrAjNoE\\_8tixg20xamnhnYjjxB5FhhOgxeAImUoXNuOLndGd\\_9LAiw0jfcUbIacXJ8HrBp\\_g5OKRBIRRQ&utm\\_content=103752269](https://www.inspiritai.com/liveonline?_hsmi=103752269&_hsenc=p2ANqtz-94WoAkXwu2GGrAjNoE_8tixg20xamnhnYjjxB5FhhOgxeAImUoXNuOLndGd_9LAiw0jfcUbIacXJ8HrBp_g5OKRBIRRQ&utm_content=103752269)

[https://docs.google.com/forms/d/e/1FAIpQLSe4kj2-I9Gmu509d3xmV4L5-ix7WO1mFAEBDdFbCMrF1rkuXA/viewform?\\_hsmi=103752269&\\_hsenc=p2ANqtz-9s2qYFIFhIWS0NpOPJJzRGEo4UPHw82Tia8seCCJtGF4x5hz9rdbXys9Vb6w6gUFEHt5rq9dmFV34cik0RaNQ5njSM3g](https://docs.google.com/forms/d/e/1FAIpQLSe4kj2-I9Gmu509d3xmV4L5-ix7WO1mFAEBDdFbCMrF1rkuXA/viewform?_hsmi=103752269&_hsenc=p2ANqtz-9s2qYFIFhIWS0NpOPJJzRGEo4UPHw82Tia8seCCJtGF4x5hz9rdbXys9Vb6w6gUFEHt5rq9dmFV34cik0RaNQ5njSM3g)

***Deadline Extended:* 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

*New Application Deadline:* **April 1**

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

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:* **April 1** (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/>

**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:** March 18

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

**Links:** <https://www.mathcamp.org/>

[https://www.mathcamp.org/about\\_mathcamp/](https://www.mathcamp.org/about_mathcamp/)

[https://www.mathcamp.org/admission/fast\\_facts/](https://www.mathcamp.org/admission/fast_facts/)

[https://www.mathcamp.org/admission/apply\\_now/](https://www.mathcamp.org/admission/apply_now/)

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://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>

**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://hypotheekids.org/hk-maker-lab/>

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

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

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:** **March 27** (LLRISE) & **May 16** (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/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:** March 31

**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/programs/international-summer-school-young-physicists)

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

<https://perimeterinstitute.ca/outreach/students/programs/issyp/issyp-faq>

### **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>

### **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 10<sup>th</sup> and 11<sup>th</sup> graders (however all current 10<sup>th</sup> & 11<sup>th</sup> graders may apply)

**Dates:** July 6 – July 19

**Cost:** Free

**Location:** 3825 Corlear Avenue, Riverdale

**Application Deadline:** **April 9**

**Links:**

<https://greaternyace.sharepoint.com/sites/acementorydrive/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2Facementorydrive%2FShared%20Documents%2FProgram%20Years%2F2020%2D21%2FStudents%2FManhattan%20College%20Summer%20Program%20App%202021%20%2Epdf&parent=%2Fsites%2Facementorydrive%2FShared%20Documents%2FProgram%20Years%2F2020%2D21%2FStudents&p=true&originalPath=aHR0cHM6Ly9ncmVhdGVybnlhY2Uuc2hhcmVwb2ludC5jb20vOmI6L3MvYWNIbWVudG9ybnlkcmI2ZS9FVFVaQlhiSnIYQkRzX011dFN5NGIPNEJwME1vLVk2a1BLY0ZIR0FINFNlIbkZ3P3J0aW1lPWZTUgZMW1uMkVn>

<https://greaternyace.sharepoint.com/sites/acementorydrive/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2Facementorydrive%2FShared%20Documents%2FProgram%20Years%2F2020%2D21%2FStudents%2FACE%20Manhattan%20College%20Summer%20Program%20Letter%202021%2Epdf&parent=%2Fsites%2Facementorydrive%2FShared%20Documents%2FProgram%20Years%2F2020%2D21%2FStudents&p=true&originalPath=aHR0cHM6Ly9ncmVhdGVybnlhY2Uuc2hhcmVwb2ludC5jb20vOmI6L3MvYWNIbWVudG9ybnlkcmI2ZS9FVThOSzFEYVJiVjV9qT19tNDNFUE5tQUJiUWlabUU5YlBuMUcZaTVSV1dnMHVBP3J0aW1lPV9zT1h1bG1uMkVn>

**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>

### **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

**New Application Deadline:** April 15 (For Natick, Massachusetts site)

**Cost:** Free but travel and other expenses are not covered

**Links:** <https://www.usaeop.com/program/gems/>

<https://web.cvent.com/event/a085ccb2-c72>

**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/>

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:** April 29

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

**Link:** [https://www.nymathcircle.org/summer?mc\\_cid=5e01cfdb42&mc\\_eid=a88b7494f5](https://www.nymathcircle.org/summer?mc_cid=5e01cfdb42&mc_eid=a88b7494f5)

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=1siFIOIGa%2FSof7274gnCiw%3D%3D](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=1siFIOIGa%2FSof7274gnCiw%3D%3D)

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

### **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-stein-h-strogatz-prize-for-math-communication/>

**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>

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/>

**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](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-cwBX-7vwjkQVFlvFb0h0TQt\\_oGALXhA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfE2ybpLyY_pURb-cwBX-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](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://speg.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](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-ops-index.html>

[https://www.nasa.gov/audience/forstudents/9-12/index.html#.UtAyv\\_vAG2k](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 **Perry Outreach Initiative Virtual Experience** “is a free, 2.5-hour, interactive online experience for high school and college-aged women who are interested in pursuing careers in orthopaedics and/or engineering. Participants will hear from women leaders in these fields and dive into online mock orthopaedic simulations and biomechanics experiments. The online session will be administered using Zoom meetings.”

**Sessions have limited capacity & often close early- so register ASAP!**

**Eligible:** All female students

**Dates:** **April 10** (10:00am-12:30pm)

**Location:** Virtual

**Application Deadline:** **ASAP!**

**Cost:** Free

**Link:** <https://perryinitiative.org/event/perry-virtual-experience-041021/>

## **New: Sophie Davis Medical School Mentorship Program**

“The Health Professions Mentorship Program requires a two year commitment and includes two four-week summer sessions following your sophomore and junior years of high school and monthly Saturday sessions. Students will conduct a community-based project in which they will take part in recognizing challenges, and developing solutions to health care problems in New York City. Students observe and discuss the social and economic determinants of health and disease and explore how different health care professionals address these issues to improve the health of communities.

Mentorship sessions include presentations, group seminars, and problem-solving experiences led by CUNY School of Medicine faculty and students. Topics include current health challenges as well as an overview of the specific career paths designed to address them. During the Fall, Winter, and Spring

seminars, medical students mentor and help high school students build the knowledge and skills needed to become a successful college student.”

***Eligible:*** All Sophomores

***Dates:*** Summers 2021 & 2022 and Saturdays during the 2021-2022 school year.

***Location:*** City College – 160 Convent Avenue, Manhattan

***Application Deadline:*** **April 1**

***Cost:*** Free

***Links*** <https://www.ccnycuny.edu/csom/admissions>

***New:*** Summer virtual **Health & Biomedical Sciences Camp**. Lebanon Valley College offers this “window into the scientific basis of medicine & human health. “Through lectures, guest speakers, and hands-on laboratory investigations in state-of-the-art laboratories, students will be introduced to the fundamentals of molecular biology, pharmacology, immunology, biochemistry, and medical sciences. Students will learn how laboratory science can be translated into improved human health and will engage in investigative experiences that will allow them to apply their laboratory skills to real-life problems.”

***Eligible:*** Current freshmen, sophomores, and juniors

***Dates:*** **July 26-28**

***Location:*** Online

***Application Deadline:*** Rolling Basis – Capacity is limited.

***Cost:*** \$175

**Links:** [FAQs](#)

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

**New:** The **Spring Health Professionals Week** consists of events, activities, webinars, and videos to inspire students' healthcare career journey and help them learn more about personal finances and career options. Register below to view the full calendar of events:

**Eligible:** All Students

**Dates:** Ongoing until March 31

**Location:** Virtual

**Application Deadline:** Rolling Basis

**Cost:** Free

**Link:**

[http://hpw.explorehealthcareers.org/HarveyBlumm/what\\_high\\_school\\_students\\_need\\_to\\_know](http://hpw.explorehealthcareers.org/HarveyBlumm/what_high_school_students_need_to_know)

[http://hpw.explorehealthcareers.org/HarveyBlumm/how\\_to\\_participate\\_each\\_day](http://hpw.explorehealthcareers.org/HarveyBlumm/how_to_participate_each_day)

<http://hpw.explorehealthcareers.org/springhpw2021/inquiryform>

**New:** The **Centers for Disease Control Disease Detective Camp** in Atlanta is a free one-week summer public health program.

“The *CDC Museum Disease Detective Camp* teaches attendees the fundamentals of CDC’s work: the field of public health and the science of epidemiology. The camp does not have a medical treatment focus. While we do briefly discuss the pathology of some diseases, most of the time is spent focused on the collection and analysis of data and the use of that data to improve people’s health. The camp also covers the many different career options available within public health, including medical doctors, so if you are interested in medicine, this camp could be a good learning opportunity for you.”



For the possible in-person format, transportation & lodging must be arranged by the student's family. Space is limited, so interested students should apply early.

**Eligible:** All current sophomores & juniors who will be 16 by the start of camp.

**Dates:** Two identical sessions: **June 21 – 25** and/or **July 19 – 23**

**Location:** Atlanta, Georgia and/or Online (to be determined by May 3)

**Application Deadline:** **April 2** – capacity is limited.

**Cost:** Free – Students must provide their own housing, meals, and transportation

**Links:**

[https://www.cdc.gov/museum/camp/detective/faq.htm?deliveryName=USCDC\\_469-DM15569#anchor\\_1544630895236](https://www.cdc.gov/museum/camp/detective/faq.htm?deliveryName=USCDC_469-DM15569#anchor_1544630895236)

[https://www.cdc.gov/museum/camp/detective/index.htm?deliveryName=USCDC\\_469-DM15569](https://www.cdc.gov/museum/camp/detective/index.htm?deliveryName=USCDC_469-DM15569)

<https://www.cdc.gov/museum/pdf/2021-pha-application.pdf>

### ***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:** **March 7** (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](https://docs.google.com/forms/d/e/1FAIpQLSewe89sKrt4ihIh0YdkJ3nljPoeFV-LouoOOBwY_U7q3vFbWg/viewform)

***Deadline Approaching: 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 population** 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 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grade students may apply: preference given to minority, female, & low-income students.

**Dates:** Summer and 2021-2022 school year:

**Location:** 3227 Broadway at 129<sup>th</sup> Street, Manhattan

**Application Deadline:** **March 15**

**Cost:** Free – participants are given hourly pay.

**Links:**

[https://drive.google.com/file/d/1mR1sx06iQ3j\\_zRl3nOtl7cPwg4va3ubu/view](https://drive.google.com/file/d/1mR1sx06iQ3j_zRl3nOtl7cPwg4va3ubu/view)

[https://www.biobus.org/internship/?mc\\_cid=f3ffb243e3&mc\\_eid=2fcf0e0bf1](https://www.biobus.org/internship/?mc_cid=f3ffb243e3&mc_eid=2fcf0e0bf1)

[https://docs.google.com/forms/d/e/1FAIpQLSekSmeQhAOv7RiFykfigluvJpFQoBYAqA3\\_3NZOutzmUgpnbw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSekSmeQhAOv7RiFykfigluvJpFQoBYAqA3_3NZOutzmUgpnbw/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 **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/>

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 **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 meet state-determined low-income economic criteria or 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:** **April 4**

**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/cr5ta7stvfosu38xfdfid16thjrj4swe>

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

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:* **April 15**

*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.coloradomd.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>

[RETURN TO TOP](#)



## **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: **From Micro to Macro - Starting a Novel** – with visual artist & author **Keisha Bush**.

“A note from Keisha: Writing a novel is a major undertaking. One question many writers and aspiring novelists have is, “where do you start?” One technique that has helped me as a writer is to focus on a very narrow space when I am starting a project. So, instead of becoming overwhelmed with needing to see or know the entire novel from day one, what I focus on is getting the writing going by focusing on the micro and allowing that to lead me to the great story. Focusing on an object, a place, a feeling or a character can often open up the larger world and questions in which you, the writer, are seeking to answer within your work.”

***Eligible:*** All students

***Dates:*** **March 5** and subsequent Friday evenings (6:00 – 7:30pm)

***Application Deadline:*** Rolling Basis

***Cost:*** Free

***Links:*** <https://www.girlswritenow.org/calendar/march5salon/>  
<https://www.girlswritenow.org/>

### ***New: Deadline Approaching:* The Apprentice Writer**

The Apprentice Writer is a national literary magazine for high school writers, and it welcomes student submissions of prose, poetry, graphic fiction, and photography. Authors of selected entries could win prizes of up to \$200.

***Eligible:*** All students

***Application Deadline:*** March 15

***Links:*** <http://www.apprenticewriter.com/submission-guidelines/>

<http://www.apprenticewriter.com/>

***New:*** NYC Virtual Summer Arts Institute

The Summer Arts Institute (SAI) is a free, four-week intensive arts program for public school students entering grades 8–12. Students study dance, theater, vocal music, instrumental music, visual art, or film under DOE arts teachers, arts organizations, and master guest artists. Students build portfolios and develop audition skills. They also help students plan for their next level of study, be it an arts-focused high school, college, or conservatory. Students may apply to only one studio, and will be asked to submit a virtual audition.

***Eligible:*** All students

***Dates:*** July 5 – July 30 (9:00am – 12:00pm)

***Location:*** Virtual

***Application Deadline:*** March 22

***Cost:*** Free

***Links:*** <https://www.cvent.com/surveys/Welcome.aspx?s=8c8f066d-8147-48fa-ae0e-f62bb46d9c2f>

<https://www.youtube.com/watch?v=dQIC2fstjIw>

***New:* Young Dancemakers Company Free Summer Dance Classes**

“All students may digitally audition on for this high-quality dance/choreography program, which is a unique, tuition-free summer dance ensemble of NYC teens dedicated to creating their own original choreography and performing it in free touring concerts city-wide, for audiences of up to 2000 young people and adults each season. Company members, selected annually by audition, are drawn from throughout the NYC public high schools.”

***Eligible:*** All students

***Class Dates:*** June 28 – August 1

***Audition Submission Deadline:*** March 31

***Links:*** [YOUNG DANCEMAKERS COMPANY \(google.com\)](http://www.youngdancemakers.com)

<http://community.ecfs.org/youngdancemakers/how-to-apply>

***New:* Sewanee Young Writers’ Remote Summer Conference**

All seniors are invited to apply to this elite writing program. Many genres are covered, including fantasy/science fiction, poetry, creative nonfiction, and more.

***Eligible:*** All current seniors

***Dates:*** June 27 – July 10

***Location:*** Virtual

***Application Deadline:*** ASAP – Capacity is limited

***Cost:*** \$1,200

*Link:* <https://new.sewanee.edu/sywc/>

**New:** The **Boston University's Academy of Media Production** provides an opportunity for students to “develop their cinematic and journalistic storytelling skills producing films, videos, visual effects, webcasts and more.” Students will participate in interactive online master classes covering various aspects of production, then form groups to collaborate on a project, which will be screened on July 31.

*Eligible:* All Freshmen, Sophomores & Juniors

*Dates:* **July 5 - 31**

*Location:* Virtual

*Application Deadline:* **March 31**

*Cost:* \$3,700 plus \$25 application fee— Limited financial aid available

*Links:* <https://combeyond.bu.edu/workshop/academy-of-media-production/>  
<https://combeyond.bu.edu/workshop/academy-of-media-production/faq/>  
<https://combeyond.bu.edu/workshop/academy-of-media-production/apply/>

**New:** The **John Sexton Essay Contest** invites students to submit a creative essay for the following prompt: “Identify and elaborate on one or more lessons that we have learned from historical genocides or mass persecutions. Can these lessons be applied to the Rohingya Refugee Crisis?” Essays must be more than 500 words, contain at least three different sources with in-text citations and a bibliography, and submitted as a pdf with a cover sheet to [essay@riseforrohingya.org](mailto:essay@riseforrohingya.org). Winners may receive up to \$500, along with a mentorship opportunity with NYU President Emeritus, John Sexton, and other benefits.

*Eligible:* All Students

***Application Deadline: June 1***

***Link:*** <https://www.riseforrohingya.org/2020-essay-contest>

***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 Approaching: 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>

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>

## **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/1IQIVQi-L-ii4M15wxGTJL1ry-JwgrrsVHE-MSfYa9EE/viewform?edit\\_requested=true](https://docs.google.com/forms/d/1IQIVQi-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>

[\*RETURN TO TOP\*](#)

### **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](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](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>

[\*RETURN TO TOP\*](#)

## **Scholarships:**

### ***New:* Art Studies/Art History Scholarship**

The Dedalus Foundation offers seven \$2,000 scholarships to graduating seniors with an interest in studying art or art history in college.

***Eligible:*** Seniors who intend to study fine arts or art history

***Application Deadline:* April 23**

**Links:** <https://www.dedalusfoundation.org/high-school-scholarship-program>

Application Form

***Deadline Approaching: 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:*** **March 15**

**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>

***RETURN TO TOP***

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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/1/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](mailto: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](mailto: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**