

Stuyvesant Student Opportunity Bulletin #6L

October 16, 2020

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.

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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*).

The continuing coronavirus situation has led to almost all opportunities for high school students shifting over to remote formats for the fall term. Students should consider applying to any that match their interests and talents. **Some program deadlines are fast approaching** – please do not miss them!

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

Events:

New: Event Approaching: Youth Town Hall

“All students are welcome to participate in the “**We the Youth, You the People**” Town Hall. This session will focus on how young people are coping with the rapid changes and uncertainty of the events of the world. Whether it's inequities in education, suicide, youth homelessness or racial justice, compounded social isolation, civil unrest, or remote learning, young people are STRESSED OUT! Our panelists and experts will talk us through how to deal... by providing resources and coping techniques that will help bring us through these storms and ensure that moving forward, young people have a say in how mental health services are implemented, funded, and prioritized in the youth agenda crafted for the mayoral candidates of New York City.”

Eligible: All students – Preregistration is required

Date: **Wednesday, October 21** (3:00 – 5:00pm)

Application Deadline: Rolling Basis

Cost: Free

Link:

<https://www.eventbrite.com/e/we-the-youth-you-the-people-virtual-youth-town-hall-mental-health-tickets-123061924529>

New: UFT College and Career Fair

“All students and their caregivers are invited to a free, online college and career fair. Representatives from some 100 colleges and universities will share information about admissions and campus life. There will also be presentations about financial aid, career paths for students with disabilities and the career path toward becoming a police officer. **Registration is required.**”

Eligible: All students

Date: Friday, October 23 (9:00am – 3:30pm)

Application Deadline: Rolling Basis

Cost: Free

Links:

<https://www.uft.org/get-involved/events/uft-virtual-college-and-career-fair>

[https://uft.wufoo.com/forms/rakde1d04yjmpm/?ct=t\(EMAIL_CAMPAIGN_1_8_2020_10_46_COPY_01\)&mc_cid=17f0917510&mc_eid=2a1832dc52](https://uft.wufoo.com/forms/rakde1d04yjmpm/?ct=t(EMAIL_CAMPAIGN_1_8_2020_10_46_COPY_01)&mc_cid=17f0917510&mc_eid=2a1832dc52)

New: Stuyvesant Alumni Mentoring Program

Apply to be a mentee in the Alumni Mentoring Program. This outstanding Stuyvesant Alumni Association Program sets each student mentee up with an alumni mentor who will give them valuable advice on college and academics as well as help them develop their resumes and interviewing skills. This semester-long program also runs panels on careers in different industries and life-skills workshops.

Eligible: All students

Dates: Fall Term

Application Deadline: October 31

Cost: Free

Links: <https://www.stuyalumni.org/mentorstudents/>
https://docs.google.com/forms/d/e/1FAIpQLSfWwsBvUaDOoObx82PqrJu0DBJ9J53816pSSl5FS69_B8Q3CA/viewform?gxids=7628

New: Creatica Hackathon for Young Women & Non -binary Students

In order to increase gender diversity in tech spaces, this is New York City's first virtual hackathon for women & non-binary individuals in high school and college from around the world. It is a two-day event that will equip students with the real technical skills & support network to hack together a project. Students with all levels of coding skill are encouraged to join us and discover their potential as problem-solvers & tech leaders. Look forward to a weekend full of technical workshops, tech talks, mentorship, networking, and more.

Eligible: Women & non-binary individuals in high school and college

Dates: November 13 - 15

Application Deadline: ASAP

Cost: Free

Link: <https://www.creatica.io/>

Event Approaching: **World Journal Online College Admissions Workshop**

Several expert speakers will discuss various aspects of the college admissions process, including college essay writing, financial aid, and how to adapt to online classes.

Eligible: All are welcome to participate

Date: Saturday, October 17 (2:00 – 4:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links: <https://www.eventbrite.com/e/2020-world-journal-mcdonalds-fall-education-webinar-tickets-118197360487?aff=erelexpmlt>

Event Approaching: The **World Maker Faire** at the New York Hall of Science will be virtual this year and will take place on **October 16-17**. This **free** event welcomes everyone with an interest in hands-on STEM-related activities. Learn more at:

<https://makerfaire.com/empire-maker-faire-2020/>

***Event Approaching:* Cultured Kids Cuisine Event**

“Cultured Kids Cuisine is a non-profit organization that works to educate children about various cultures through food & cooking. Cultured Kids Cuisine empowers young women to find success in entrepreneurship with an all-female team, networking & internship offerings, and more!” Join them on the weekends for live cooking classes by registering at the link below:

Eligible: All Students

Dates: **October 17- 30**

Application Deadline: Rolling Basis

Cost: Free

Link: <https://culturedkidscuisine.wixsite.com/mysite>

***Event Approaching:* Virtual College Information Sessions**

The Tiger Woods Foundation (**TGR Foundation**) offers a series of college admission sessions for high school seniors. These include general question & answer sessions, with the next upcoming sessions focusing on an exploration into legal studies (10/22) and general application topics & questions (10/23).

Students may register for any sessions that they are interested in.

Eligible: All students

Dates: **October 22 & October 23**

Application Deadline: Rolling Basis

Cost: Free

Links: <https://www.eventbrite.com/o/tgr-foundation-17028194782>

<https://www.eventbrite.com/e/virtual-panel-exploring-and-pursuing-a-career-in-the-legal-field-tickets-121259543559>

<https://www.eventbrite.com/e/college-app-advising-virtual-october-meetup-tickets-122273718985>

The **TGR Foundation** has also made available free family resources for people seeking help in finding the right college fit and navigating financial aid. The site also provides fun design challenges students may complete on their own.

Link:

https://tgreduexplore.org/family-resources/?mkt_tok=eyJpIjoiTXpNM01HRTNNV1k0WXpBeCIsInQiOiJUUYlFtRnFvS3RNVm1GMll3Q1hzaXJpVVRoQXorUTVYZXZ6RGFyUlpZdURvSWU4bUwzT0RUWURXdVFMcnpUaEdwZUhPcTc4RGJDTE96MIRLbWVZQVFcL3N4YmxzSkZMc0hIRjV2TmwrRDh0elFNZmw5YkxjcitpNFwvWkdRZlwwdmFsOCJ9

***Event Approaching:* Virtual College Fairs**

There will be a series of virtual college fairs for high school students this fall.

These free informational events will include hundreds of colleges. There will also be separate fairs for Performing Arts schools, Architecture & Design schools, and more. The next general college fairs will take place on **October 18** & **November 8**

Learn more at these links: <https://virtualcollegefairs.org/>

<https://www.nacacfairs.org/virtual>

***Event Approaching:* Open House New York** allows everyone into hundreds of New York's famous buildings, historical sites, and museums on the weekend of **October 17-18**. Due to the pandemic, this year's festival will feature a hybrid of virtual experiences and outdoor self-guided explorations. Some require advance reservations for these free visits, workshops, and entertainment.

Learn more at: <https://ohny.org/weekend>

***Event Approaching:* Open House:** Columbia University's **Lamont-Doherty Earth Science Institute** invites everyone interested in geology, earth science, and more to their Virtual Open House taking place on October 19-22. Free virtual lab tours, workshops, lectures, and presentations by leading scientists will be offered, including a session on 'Careers in Science.'

Eligible: All students

Dates: **October 19 - 22**

Application Deadline: Rolling Basis

Cost: Free

Links: <https://openhouse.ldeo.columbia.edu/>

<https://openhouse.ldeo.columbia.edu/events/when-am-i-going-use-dynamic-careers-science-explore>

<https://www.eventbrite.com/e/lamont-open-house-at-home-registration-121247172557>

Brandeis Splash

All high school students may register for a wide variety of courses taught by undergraduate students at Brandeis University. Classes will be 50 minutes long and take place virtually.

Eligible: All Students

Date: Saturday, November 14 (12:00pm - 5:00pm)

Application Deadline: Rolling Applications Basis – First come, first served

Cost: Free

Link: <https://brandeis.learningu.org/learn/Splash/index.html>

BioBus Science Town Halls & Science Resources

“BioBus hosts a Student Town Hall about a different issue in science live on **YouTube** every Thursday at 4pm ET — anyone can watch and ask questions. Each week, scientists will answer your questions live! Check the link below to view past sessions.

BioBus also offers a wide range of other activities & resources for students, including:

-Science Challenges @ Home: Students can engage in ‘hands-on’ topics ranging from DNA to Insects to Human Touch Receptors.

-Viral Card Game: How to play a simple game that will enhance your understanding of the coronavirus and other emerging viruses.

-Online Resources: Connect with working scientists, join citizen science projects, develop your own experiments, and more.

Eligible: All students

Dates: **Thursdays at 4:00pm** (for Students Science Town Halls)

Cost: Free

Links: <https://www.biobus.org/townhall/>
<https://www.biobus.org/at-home/>
<https://www.biobus.org/resources/>

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Academic Programs:

New: Free Artificial Intelligence Academic Program

“The **Inspirit AI Scholars program** is taught exclusively by Stanford and MIT alumni and graduate students with years of AI expertise. No programming or computer science experience is required. Students with prior programming experience may opt for the advanced cohort. By the end of the program, students will have completed a mentor-led socially impactful AI project. There will be ten sessions - If you have any questions, feel free to reach Lucas Hornsby at lhornsby@stanford.edu

Students may apply for our Winter Break Program (December 2020/January 2021) or Spring Semester Program (January 2021 to March/April 2021.”

Eligible: All students

Dates: December 2020 to January 2021 or January – March/April 2021

Application Deadline: October 31

Cost: Free

Links:

https://f.hubspotusercontent00.net/hubfs/6689404/InspiritAI_Brochure_WinterBreak%26Spring_US.pdf?utm_medium=email&_hsmi=97392939&_hsenc=p2ANqtz-fJgiCRzwNy_EgcaPq0H78MbxT3b2ab13hQgtVFAeiZoekqb5F392KIAi-2K7Svqg9dNCt1DxEpzHM7IbWcRXKs-JrPQ&utm_content=97392939&utm_source=hs_email

https://docs.google.com/forms/d/e/1FAIpQLScFLhK9-MDh8Ctu-OaZeEpjS6NcJy7Ccskxhd81Iv0APldekQ/viewform?_hsmi=97392939&_hsenc=p2ANqtz-8EHu34m_K7e29XvGKCveSL5NborSwO21wDbH2rFtZI7FDOr2u-0lsfXQaPvfQCd5W3q2Nu0qCTI6tYPIM6opKe88weVg

Deadline Extended: **The Coding School** is offering a year-long quantum computing course complete with virtual and live weekly lectures and labs taught by MIT and Oxford quantum researchers. “Students will be introduced to the field of quantum, including quantum mechanics, quantum computation, and quantum algorithms.” No prior quantum computing or STEM knowledge is required.

Eligible: All students

Dates: **October 18 – May 15**

New Application Deadline: October 17

Cost: Free (Full scholarship awarded to accepted students)

Links: <https://www.qubitbyqubit.org/programs>

<https://www.qubitbyqubit.org/register>

***Class Approaching:* STEM Courses for High School Students**

Ivy Online offers online courses and online research programs to equip high school students with research skills in a variety of fields. It invites graduate students and faculty members as guest speakers to share the first-hand experience about research, college admission, career development, and more. Listed below are some of the courses to be offered this semester, and more are coming soon at the link below:

- Biochemical Crime Scene Investigation (Starting **October 19**): Discover the science behind forensics and criminal investigation, from basics to applications.

***Eligible:* All students**

***Dates:* Various**

***Application Deadline:* Rolling Basis**

***Cost:* \$75-\$499 per course (20% discount on classes with code ACADEMY)**

Link:

https://ivyonline.academy/?utm_source=sendinblue&utm_campaign=newsletter_grand_opening_923&utm_medium=email

Remote STEM & Business Programs

Students may register for a variety of remote offerings, which meet from four to seven weekly sessions this term. Options include Pre-med studies, Finance, and BioTech Research.

Eligible: All students

Dates: Various from October - December

Application Deadline: Rolling Basis

Cost: \$600 - \$1,200

Link: <https://www.bostonleadershipinstitute.com/fall-remote-stem-programs/>

Yale Young Global Scholars Summer Program

YYGS invites students to “experience life as a university student at Yale while attending an academic session of their choosing.” A variety of sessions are available, including Innovations in Science & Technology; Literature, Philosophy, & Culture; Politics, Law, & Economics; and Solving Global Challenges.

Additional information and upcoming info-sessions are also available at the links below:

Eligible: All Sophomores & Juniors

Dates: June - July

Application Deadline: **November 10** (Early Action) or **January 12, 2021**
(Regular Decision)

Cost: \$6,500 (need-based financial aid available)

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

<https://globalscholars.yale.edu/how-apply/info-sessions>

New York Math Circle Online

These excellent math programs still have a few openings for students who enjoy problem-solving and other aspects of mathematics. Interested students should register ASAP – tuition charges will be pro-rated for classes that have already begun.

“One typical program: The MS Math Contest Topics Workshop is now open! Please use this link: [2020 Online MS Contest Topics](#) and you can start the registration process. Spots are limited and quickly fill up.

When: MS Intermediate Contest Topics: 10/25,11/01,11/8.

Where: Online

Cost: \$150 (Financial assistance available)

This mini-course consists of 3 workshops that cover topics encountered in Middle School Math Contests such as MATHCOUNTS and AMC 8. MSA students should go into the intermediate level, and MSB/MSB students should register for the Advanced level. Students not in our program should take the appropriate placement test.”

Eligible: All students

Date/Time: Weekend classes from September 26 – December 6

Cost: \$345 (Some financial aid available)

Application Deadline: **ASAP**

Link: <https://www.nymathcircle.org/students#F20SAHA>

New York Historical Society’s Tech Scholars Online Programs: All female students who would like to learn more about computer science & web design may apply to these online six-week programs. Participants work with museum staff and technology experts to develop a new museum-related website, with a focus on digital historical exploration.

Eligible: All female students

Dates:

- Tech Scholars Online: Web Design
 - Wednesday afternoons (4:00-6:30) from October 7 – November 11
- Tech Scholars Online: Video Games
 - Tuesday afternoons (4:00-6:30) from November 10 – December 15

Application Deadlines **November 5**

Cost: Tech Scholars Programs are offered on a pay-what-you-want basis.

Link: <https://www.nyhistory.org/education/teen-programs/tech-scholars>

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Business & Jobs

New: RoundPier Investment Competition

This is an opportunity for small teams of students to participate in a remote contest that would help them learn about investments, meet finance industry mentors, and get involved with business projects. Currently, the total Prize Pool is set **at \$750** for the top teams. The winning team will also get an opportunity to

participate in an **investment research project in the form of a short team internship.**

Eligible: All students

Dates: October - March

Application Deadline: **October 23**

Cost: Free

Links:

<https://www.roundpier.com/discussions/406/roundpier-investment-competition-2020>

Events Approaching: **Youth Exploring** offers many free programs to familiarize students (grades 9-12) with a variety of career experiences. For instance, there are upcoming remote opportunities in **finance** (Credit Suisse – 10/21), **engineering** (Structure Tone – 10/19), and in **law** with the Queens, District Attorney – 10/21, plus many others as well.

Eligible: All students

Dates: Various – Each program meets remotely once a week for several weeks

Application Deadlines: Various

Links: <https://www.nyexploring.org/>
<https://www.nyexploring.org/calendar>
<https://nyexploring.org/b-registar/>

Into the Future – In-Person Small Classes

“Into the Future is a new community learning space that invites young people to anticipate and lead change. Through classes, community projects, and special events, we focus on understanding how the world is changing and how we can influence the future together.” Teen Programs are listed below, learn more about them by using the links:

- **The Future of Tik Tok**
- **The Future of Creative Careers**
- **The Future of Computer Vision**
- **Entrepreneurs Club**

Eligible: All students

Date: Various

Location: 477 7th Ave Brooklyn, NY 11215

Application Deadline: Rolling Basis

Cost: \$220

Links: <https://www.intothefuture.nyc/>

<https://www.intothefuture.nyc/covid19-plans>

<https://www.intothefuture.nyc/sign-up-for-classes>

nvestIN is offering a variety of live online work experience programs spanning 20 industries in 5 different categories: Medicine, Business, STEM, Law & Politics, and Creative. Students will have an immersive experience of the career they are interested in, receive personal career coaching, and meet and interact with industry professionals. Some programs are almost full, so register ASAP.

Eligible: All students ages 15 - 18

Dates: Various

Application Deadline: Rolling Basis

Cost: Various

Links: <https://investin.org/collections/all>

https://docsend.com/view/ewwqcm76y8uaj5uy?mc_cid=df097c70b4&mc_eid=cd7768e44d

The **Harvard Undergraduate Women in Business's BOLD Business Leadership Conference** invites all female high school students with an interest in business to attend their annual high school conference. Participants will learn about business and engage with current Harvard business majors and local business leaders. The conference will be virtual. Registration will open soon.

Eligible: All female students

Dates: **January 30-31, 2021**

Link: <https://www.huwib-bold.com/>

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

Eligible: Current seniors from under-represented groups

Dates: Summer

Location: Various

Application Deadline: Rolling Basis

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

<https://www.emmabowenfoundation.com/application>

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

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

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

<http://www.careeronestop.org/>

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

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Community Service

New: The **Minkwon Community Center** in Flushing welcomes students to its virtual Youth Empowerment Program, which teaches leadership, public speaking skills, advocacy, and organizing skills.

Eligible: All students

Dates: Fall 2020 – Spring 2021

Location: 136-19 41st Avenue, Flushing

Application Deadline: ASAP

Links: <http://minkwon.org/>

<http://minkwon.org/what-we-do/youth-empowerment/>

New: The **Common Denominator – Tutor Middle Schoolers in Math**

All students are invited to remotely help middle school students with their math studies. Tutor training is provided, and the time commitment is once per week for up to 90 minutes.

Eligible: All students

Dates: Fall Term – one session per week

Application Deadline: Rolling Basis

Links: <https://cdmath.org/volunteer>

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

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

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

Visions Intergenerational Program for the Blind/Visually Impaired

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

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

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

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

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

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

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

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

Eligible: All students 14 and older

Dates: 2020 – 2021 school year

Application Deadline: Rolling Basis

Link:

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

After-School Tutors & Helpers

The C.O.V.E. organization welcomes volunteers to assist them with one-on-one tutoring of elementary & middle school students. They also need administrative helpers – check the links below to learn more.

Eligible: All students

Dates: Fall term until December 17

Application Deadline: Rolling Basis

Links: <https://www.coveducators.org/programs>
<https://www.coveducators.org/sign-up-forms>

Shuang Wen P.S. 184 Internship

“Shuang Wen School, a public school in New York City also known as PS 184, is a bilingual elementary and middle school located in Manhattan’s Chinatown.”

Student volunteers are needed to volunteer in various subjects including Mandarin, Computer Science, Math, and English.

Eligible: All students

Date: 2020-2021

Application Deadline: Rolling Basis

Link:
https://docs.google.com/forms/d/e/1FAIpQLSe4q_ttSqj6qw4hmQucStAUdolDBBT9uDN03mdgnCDfYIYuhg/viewform?vc=0&c=0&w=1&flr=0

Lemontree Volunteering Opportunity

Two highly flexible volunteering opportunities with Lemontree:

- 1) “In It Together is a volunteer matching service founded at the start of the pandemic that makes volunteering at food pantries, senior centers and soup

kitchens easy, fun, fulfilling and safe. We'll work with you directly to match you with a volunteer project wherever you are and whenever you're available. In It Together sends out high-need projects to volunteers via text so registering for projects is quick and simple! It's that easy.”

- 2) “Looking for the highest-impact, lowest-risk way to volunteer? Join our Flying Squad and help spread the word about our Food Help Hotline! We host flying events 3-4 times a week in convenient and easy to access public areas across the city. Your event leader will provide you with all the materials necessary for the project and break you up into small groups to complete your route. Each event is less than 2 hours long and makes a huge impact in getting the word out to those who need emergency food assistance most.”

Eligible: All students

Dates: Various

Locations: Various

Application Deadline: Rolling Basis

Links: https://www.volunteermatch.org/results/opp_detail.jsp?oppid=3317146

https://www.volunteermatch.org/results/opp_detail.jsp?oppid=3317422

Brush with Kindness/Habitat for Humanity is an organization that paints, plants, and generally improves parks, schools, camp; other public spaces around the city.

Eligible: All students 14 and older

Dates: Various

Location: Various

Application Deadline: Rolling Basis

Links: <https://habitatnyc.org/volunteer/faq/>

<https://habitatnyc.org/volunteer/a-brush-with-kindness/>

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

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

Three Virtual Tutoring Opportunities

“MS54 6th Grade Academy Online, an after-school homework support program, will continue this Fall. They are offering three volunteer opportunities. Here are the descriptions and application links for each volunteer opportunity:

1) 6th Grade Academy Interns: We're looking for proactive, highly competent high school students passionate about making a difference in educational equity. These students will commit at least 4 hours a week (5-7 in the evening, twice a week) throughout the fall semester, serving as trouble-shooters for 6th Grade Academy Online, our after school homework support program. The google form for the internship application is [here](#).

2) 6th Grade Academy Tutors: We're looking for high school students, college students, or community members to work one-on-one with a struggling student on homework over Zoom. Volunteers will commit at least 90 minutes a week (5:15-6:45, Monday-Thursday) throughout the fall semester. To learn more and sign up, [follow this link](#)

3) On-Call School-Day Tutors: We're looking for high school students, college students, or community members to be available during a regular 70-minute slot during the school day to provide individual support over Zoom to students on an as-needed basis. To learn more and sign up, [follow this link.](#) “

Eligible: All students

Dates: Fall semester

Application Deadline: ASAP

Links: [https://docs.google.com/forms/d/e/1FAIpQLScVy8BRTT6qWP_s7_Q0tP-](https://docs.google.com/forms/d/e/1FAIpQLScVy8BRTT6qWP_s7_Q0tP-AQwJOk6c20RdL79dXF8EgI3puxw/viewform)

[AQwJOk6c20RdL79dXF8EgI3puxw/viewform](https://docs.google.com/forms/d/e/1FAIpQLScVy8BRTT6qWP_s7_Q0tP-AQwJOk6c20RdL79dXF8EgI3puxw/viewform)

[https://docs.google.com/forms/d/e/1FAIpQLSd6de2-z-](https://docs.google.com/forms/d/e/1FAIpQLSd6de2-z-4rq0NDdWpcAsR_P38pVbUoLfWlct6zRpH-KK7USw/viewform)

[4rq0NDdWpcAsR_P38pVbUoLfWlct6zRpH-KK7USw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSd6de2-z-4rq0NDdWpcAsR_P38pVbUoLfWlct6zRpH-KK7USw/viewform)

<https://docs.google.com/forms/d/e/1FAIpQLScVGw8m88dpHmJYPsPuJwG120EooccPvwJE4Fi>

[h1IB8MzOn-Q/viewform](https://docs.google.com/forms/d/e/1FAIpQLScVGw8m88dpHmJYPsPuJwG120EooccPvwJE4Fi)

The **Museum of Mathematics High School Integrator Program** welcomes high school volunteer interns for the 2020-2021 school year. Interns work occasional days each week, and learn valuable leadership and career skills.

Eligible: All students

Dates: 2020-2021 School Year

Application Deadline: ASAP

Links:

<https://momath.org/wp-content/uploads/2017/05/MoMath-High-School-Volunteer-Program.pdf>

<https://momath.org/wp-content/uploads/2019/12/HSVolunteerApplication2019.pdf>

<http://momath.org/jobs/>

MyVote Project Student Volunteer Opportunity:

“MyVote Project is a new, nonpartisan, voter education website. High school students can get involved in outreach, making content for the website, social media management, etc. This is a way for students to gain official community service

hours from their home. It is run by high school students around the country and many Duke University professors.” If there are any questions, contact New York State Head for this organization, Meera Nagulendran at:

nagulendran.meera@bcchsnyc.net

Eligible: All high school students

Dates: 2020-2021 school year

Application Deadline: **Rolling Basis**

Link:

https://docs.google.com/forms/d/e/1FAIpQLSdVf76uJ8DJf3q3Qco4BC_ED1mfoCQDMuZr-q5K55g7RD5y_g/viewform?vc=0&c=0&w=1

The **Star Learning Center** needs volunteer tutors to help low-income younger students for a minimum commitment of two hours a week. They are now accepting applications for their remote school year tutoring program.

Eligible: Current sophomores, juniors, & seniors

Dates: 2020-2021 school year

Application Deadline: Rolling Basis

Links:

https://docs.google.com/forms/d/e/1FAIpQLSei7aXq_LusEe3qo7hcEjqLaJ3kstDnhD_Q4KylpUmfPTiuDQ/viewform

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

***New:* Stuyvesant Alumni Mentoring Program**

Apply to be a mentee in the Alumni Mentoring Program. This outstanding Stuyvesant Alumni Association Program sets each student mentee up with an alumni mentor who will give them valuable advice on college and academics as well as help them develop their resumes and interviewing skills. This semester-long program also runs panels on careers in different industries and life-skills workshops.

Eligible: All students

Dates: Fall Term

Application Deadline: **October 31**

Cost: Free

Links: <https://www.stuyalumni.org/mentorstudents/>
https://docs.google.com/forms/d/e/1FAIpQLSfWwsBvUaDOoObx82PqrJu0DBJ9J53816pSSl5FS69_B8Q3CA/viewform?gxids=7628

Deadline Approaching: The **Built By Girls Summit** invites students to join them in “a collection of live-streamed talks and workshops led by powerhouse womxn and non-binary experts in careers powered by technology, such as personal finance, media, and more.” Learn more about the schedule and participating speakers, and register below:

Eligible: All female & non-binary students ages 16 and older

Date: Saturday, October 17 (1:00 — 3:45pm)

Application Deadline: Rolling Basis

Cost: Free

Links: <https://www.builtbygirls.com/summit>

<https://primetime.bluejeans.com/a2m/register/pbfezygw>

Event Approaching: Local Government 101 -Workshop on NYC Government

This insider's look at how the NYC municipal government actually works is open to all. Learn about the roles and powers of the various branches of government, and how communities can influence these political entities. This interactive session will be led by Wayne Ho and Anthony Ng, two rising young community leaders.

Questions about this even may be sent to: archana@coro.nyc

Eligible: All students

Date: Wednesday, October 21 (6:00 – 8:00pm)

Application Deadline: Rolling Basis

Cost: Free

Link:

<https://us02web.zoom.us/meeting/register/tZwvdeGurDoiH9B4IcvTNYf5yxV4z6>

[VPyNgP?utm_source=Connection+Subscribers&utm_campaign=cba04b6c48-](https://us02web.zoom.us/j/91811220000?utm_source=Connection+Subscribers&utm_campaign=cba04b6c48-)

[EMAIL_CAMPAIGN_2020_03_24_02_38_COPY_01&utm_medium=email&utm](https://us02web.zoom.us/j/91811220000?utm_source=Connection+Subscribers&utm_campaign=cba04b6c48-EMAIL_CAMPAIGN_2020_03_24_02_38_COPY_01&utm_medium=email&utm_term=0_d7b62994d3-cba04b6c48-188210969)

[term=0_d7b62994d3-cba04b6c48-188210969](https://us02web.zoom.us/j/91811220000?utm_source=Connection+Subscribers&utm_campaign=cba04b6c48-188210969)

Free Summer Overseas: The National Security Language Initiative allows high school students to study a variety of foreign languages overseas during summer, 2021. This free program is open to students between the ages of 15-18 at the time the program begins at the end of the school year.

Eligible: All students 15-18 years old at the time the program begins at the end of this school year.

Dates: Summer, 2021

Location: Various

Application Deadline: November 5

Cost: Free

Links: <http://www.nsliforyouth.org/>
<http://www.nsliforyouth.org/how-to-apply/>

Two free, full-year academic live-abroad programs offer high school students the opportunity to live and study abroad for extended periods of time. The **Kennedy-Lugar (YES) program** includes a number of foreign countries with significant Muslim populations, and the **Congress-Bundestag program** focuses on Germany (no previous language skills are required for either program). The application deadlines are in **early December**.

Eligible: All students

Dates: 2021-2022

Application Deadline: December 1 (YES) and December 8 (CBYX)

Cost: Free

Links: <http://yes-abroad.org/>

<https://usagermanyscholarship.org/apply/?state=New%20York>

Whatever It Takes is a social entrepreneurship & leadership program for high school students. Participants work together to create projects to improve their communities, and develop effective business models to succeed in their goals. All classes will be offered virtually.

Eligible: All students

Dates: Fall term

Application Deadline: ASAP

Cost: \$1,185 – Some financial aid is available

Link: <https://www.doingwit.org/college-credit>

Bronfman International Fellowship:

Current juniors who identify as Jewish are eligible for a free five-week summer travel fellowship in Israel. Participants also participate in follow-up events in the U.S.

Eligible: Current juniors who identify as Jewish & will be 16 by Summer 2021

Dates: TBA

Application Deadline: **December 3**

Cost: Free

Link: <http://www.bronfman.org/become>

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/>

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Museums, Art, Photography:

Class Approaching: Architecture: The Center for Architecture in Greenwich Village offers a **Design Discovery Program: Architectural Design Studio**, a six session program for “students interested in exploring the field of architecture and developing their portfolios.” “Students will learn fundamentals of architectural drawing, scale measurement and 3-D design as they work through several design projects.”

Eligible: Current sophomores, juniors & seniors

Dates: Saturdays from **October 17 – November 21** (9:30am-12:30pm)

Application Deadline: ASAP

Cost: \$450

Links: <https://www.centerforarchitecture.org/k-12/>

<https://www.centerforarchitecture.org/k-12/teen-programs/design-discovery/>

Deadline Extended/Approaching:

BRIC Youth Media & Youth Curatorial Fellowships

“There are two fellowship programs - The BRIC Youth Media Fellowship focuses on developing and producing the BRIC Youth Media Festival. This annual festival showcases short films of various genres created by NYC youth producers under 21 years old. Youth Media Fellows will gain skills and professional insight into the planning, curation, and promotion of a media festival. Fellows will learn video production and video editing, hear from various guest speakers, and create promotional print material. Meetings will be held virtually every Wednesday.”

“The Youth Curatorial Fellowship program will focus on developing and producing the 1st Annual Youth Contemporary Art Exhibition. Youth Curator Fellows will gain skills and professional insight into the planning, curation, installation and marketing of an art exhibition. Fellows will also learn how to film, edit video and design promotional materials. Meetings will be held virtually every Thursday.”

Eligible: Brooklyn residents in 10th, 11th, and 12th grades

Dates: **October 30 – June 17** (4:00 – 6:00pm)

New Application Deadlines: October 18 (Youth Media) and 10/20 (Youth Curatorial)

Links: <https://www.bricartsmedia.org/education-media-resources/youthfamilies/bric-youth-media-fellowship>

<https://www.bricartsmedia.org/education-media-resources/youthfamilies/bric-youth-curatorial-fellowship>

Event Approaching: Metropolitan Museum of Art Teen Programs

The Met is offering various virtual programs to students who enjoy art. Registration is required. Below are some upcoming events, which take place almost every weekend:

- **Saturday Sketching** (Saturdays until 10/24) 1:00-1:20pm)
- **Career Labs – Exploring Diversity at Work** (10/30: 4:30-6:30pm)
- **Teen Event – Virtual Teens Take The Met!** (11/6: 3:00-8:00pm)
- **Virtual Teen Studio –Fashion of the Future** (12/5: 2:00-5:00pm)

Eligible: All students

Dates: Various

Cost: Free

Links: <https://www.metmuseum.org/events/programs/teens>

https://www.metmuseum.org/events/programs/met-studies/career-labs/hs-intern-info-session-oct-20?&eid=A001_%7b215EB87E-24D0-482A-AF37-8097C082CF04%7d_20200819171825

Event Approaching: Design Fair: The **Cooper Hewitt Museum** invites interested students to attend several free virtual Design Fairs- all students are welcome to participate in these high-level events. At the first session (October 13), teens, college students, and emerging designers are invited to learn about the many shapes design careers can take from National Design Award (NDA) winners and guest designers. Get to know peers and hear stories about designers' paths to success in small breakout groups. The second event will offer tips & strategies for launching your design ideas.

All sessions begin at 5:00pm - Pre-registration is required.

Eligible: All students

Date: **Tuesday, October 20**

Application Deadline: Rolling Basis

Cost: Free

Links:

<https://www.cooperhewitt.org/event/design-fair-meet-the-designers-10-13-2020/>

<https://www.cooperhewitt.org/event/design-fair-how-to-launch-your-project-10-20-2020/>

The **Noguchi Museum** in Queens offers its remote Teen Advisory Board internships to NYC students with an interest in arts administration & museums. Participants work with professionals on a variety of projects, and receive a \$500 stipend.

This year, TAB interns will become immersed in social justice issues using Isamu Noguchi's art and the art of others as the basis for sparking discussion on identity and racial inequities. Through learning about the social role of art, TAB interns will collaborate on a final printed project promoting anti-racist activism.

Eligible: All students

Dates: Thursday afternoons (4:15 – 5:30) from November 5 – May 6

Application Deadline: October 28

Links: <https://noguchieducation.wufoo.com/forms/teen-advisory-board-application-202021/>

HeARTwork Against Hate Art Contest

Students may use this opportunity & platform to use artistic expression as an outlet against scapegoating, injustice, and other important issues. Artwork must be original and related to the overall theme, and all art forms are eligible, including drawing, collages, paintings, photography, sculpture, poetry, computer graphics, 3D Art, etc. The top prize is \$500, and selected artwork will be displayed around the city.

Eligible: All students

New Application Deadline: October 31

Link: <https://www1.nyc.gov/site/stophate/resources/heartwork.page>

The Center for Architecture’s Architecture and Design College Fair

“An opportunity for students, parents, and school counselors to interface with school representatives from architecture schools. Students can visit school booths virtually to learn more about program offerings and schedule one-on-one meetings with school representatives. Registration is required.”

Eligible: All students

Date: November 7 (12:00-4:00pm)

Application Deadline: Rolling Basis

Cost: Free

Link:

<https://www.centerforarchitecture.org/k-12/teen-programs/architecture-college-fair/>

Free Friday Nights at the Rubin Museum

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

Eligible: All students and parents

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

Location: 150 West 17 Street, Manhattan

Cost: Free

Links:

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

<https://rubinmuseum.org/visit/plan>

Whitney Museum Events and Programs

The Whitney Museum is hosting various events for those interested in art. There is a series of **Art History from Home** events focusing on topics such as Queer Belonging, Picturing the Mexican Revolution, and more. Registration is required.

Eligible: All students

Dates: Various

Cost: Free

Link: https://whitney.org/events?event_category=online

The **Metropolitan Museum of Art High School Internship Program** is accepting applications from current sophomores & juniors for Spring 2021. Participants engage in a variety of museum activities, help plan teen art events, and work with museum professionals.

Eligible: All sophomores & juniors

Dates: January – June

Location: 1000 Fifth Avenue, Manhattan

Application Deadline: **November 9**

Link:

<https://www.metmuseum.org/about-the-met/internships/high-school/spring-high-school-internships>

The **Studio Museum** in Manhattan offers a free eight-month digital **photography program** for high school students. It combines photography with a study of famous photographers, and all are welcome to apply. Meetings will take place Tuesdays from January 5 – August 3 online.

It also offers a **Teen Leadership** Council, which develops programs and outreach initiatives to youth, with virtual meetings on Wednesdays from January 6 – June 24, 2021.

Eligible: All students

Dates: January - August

Application Deadline: **November 13**

Links: <https://www.studiomuseum.org/expandingthewallsapply>

<https://www.studiomuseum.org/teenleadershipcouncilapply>

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Parks/Nature:

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

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

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

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

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

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

Prospect Park needs student volunteers for a variety of jobs, including special events throughout the year. All students are welcome to apply:

<https://www.prospectpark.org/get-involved/volunteer/youth-and-family-volunteer-opportunities/individual-teens-and-families/>

<https://www.prospectpark.org/get-involved/volunteer/>

Van Cortlandt Park Volunteer Opportunities:

Van Cortlandt Park has numerous volunteering events throughout the Fall semester. Volunteers will help clean up the park and remove non-native invasive plants. Volunteers must wear a mask and practice social distancing while volunteering. VPCA will provide all work tools and supplies.

Eligible: All Current Students (even non-Bronx residents may apply)

Dates: Various throughout Fall semester

Location: Van Cortlandt Park in the Bronx

Link: <https://vancortlandt.org/calendar-of-events/>

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>

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Stem Opportunities:

Engineering/Math/Computer Science:

New: Deadline & Event Approaching:

Engineering & Architecture Opportunity for all students:

The **Ace Mentor Program** provides students of all grades with ‘real-world’ internship opportunities in the fields of architecture, design, engineering, and construction. Students meet with professional mentors from industry-leading companies once a week after school from late October to May. Participants help with real projects, and become eligible for scholarships later on. There is a virtual Team Registration event on **Tuesday, October 22 – interested students should attend!**

Interested students may apply ASAP: Students can sign-up by following the below steps:

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

- If they are returning – log in with the email and password used last year
- If new click the purple “New Student” button
- Complete the 2020-2021 Program Year Application, including Consent Form

The link below provides a list of available teams, representing many different companies & projects – students may sign up for any available team only after they register with Ace Mentor at the link above.

For questions, you may send an email (ASAP) requesting more information to: greaterny@acementor.org

Eligible: All students

Dates: Afternoons, from late October – May; **Team Registration Fair -10/22**

Application Deadline: ASAP

Cost: Free

Links: <https://app.acementor.org/login>

<file:///C:/Users/nycdoe/Downloads/Available%20Teams%20PDF%2010-15-20.pdf>

<https://www.acementor.org/students/>

New: **Creatica Hackathon for Young Women & Non -binary Students**

In order to increase gender diversity in tech spaces, this is New York City’s first virtual hackathon for women & non-binary individuals in high school and college from around the world. It is a two-day event that will equip students with the real technical skills & support network to hack together a project. Students with all levels of coding skill are encouraged to join us and discover their potential as

problem-solvers & tech leaders. Look forward to a weekend full of technical workshops, tech talks, mentorship, networking, and more.

Eligible: Women & non-binary individuals in high school and college

Dates: November 13 - 15

Application Deadline: ASAP

Cost: Free

Link: <https://www.creatica.io/>

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

Eligible: All female identifying students

Application Deadline: Rolling Basis

Links: https://docs.google.com/forms/d/e/1FAIpQLSfE2ybpLyY_pURb-ccwbX-7vwjkQVFlvFb0h0TQt_oGALXhA/viewform

New: Try Engineering Tuesdays

All students are welcome to register for these regular Tuesday remote events, which focus on various fields of engineering. The next program will highlight aerospace engineering, with a presentation by an eminent NASA scientist.

Eligible: All students

Date: Tuesday, October 20 (12:00 – 1:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links:

https://event.on24.com/eventRegistration/EventLobbyServlet?target=reg20.jsp&partnerref=EMTESINurture20201015Button&mkt_tok=eyJpIjoiTXpjM05qQTVZMlpoTnpOaCIsInQiOiJYdkxvSG1DSkxjN3N2RzIzBS0xtRFlnWWWhHcEQ0TTNcLzZ3bmNINU9ma3lDcVQ1YStzRXIxSmF1MmtTRnBVczkyclV3UEZITjIrcUdxEdWMGY2U1BjdGZ4SGx2WE4MGk2cFdzamwweUHQZnA4YndPcDZoN0s3VWx3THBDMUtMNkkifQ%3D%3D&eventid=2738788&sessionid=1&key=8D932212BB791D8912D181B5EE47185F®Tag=&sourcepage=register

https://tryengineering.org/news/new-tryengineering-tuesday-ocean-engineering/?utm_source=marketo&utm_medium=email20201015&utm_campaign=nurture&mkt_tok=eyJpIjoiTXpjM05qQTVZMlpoTnpOaCIsInQiOiJYdkxvSG1DSkxjN3N2RzIzBS0xtRFlnWWWhHcEQ0TTNcLzZ3bmNINU9ma3lDcVQ1YStzRXIxSmF1MmtTRnBVczkyclV3UEZITjIrcUdxEdWMGY2U1BjdGZ4SGx2WE4MGk2cFdzamwweUHQZnA4YndPcDZoN0s3VWx3THBDMUtMNkkifQ%3D%3D

New: **eCyberMission** is an online STEM contest for teams of freshmen, who devise solutions to community-based problems in their area.

Eligible: All 9th graders & middle school students

Dates: January – June 2021

Registration Deadline: January 6

Links: <https://www.ecybermission.com/About>

<https://www.ecybermission.com/HowToCompete>

<https://www.ecybermission.com/Register>

New: Research Science Institute: MIT offers a free high-level, six-week summer research program for current juniors. It is suggested that applicants have high PSAT & ACT scores, but all may apply. The application will be available on November 22, and the deadline is **January 16**.

Eligible: Current juniors

Dates: Summer 2021

Location: Massachusetts Institute of Technology, Cambridge, Massachusetts

Application Deadline: **January 16**

Cost: Free

Links: <https://www.cee.org/events/cee-hosts-zoom-session-high-school-students>
<https://www.cee.org/apply-rsi>

New: 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

***Deadline Approaching:* ChickTech High School**

This year-long virtual program for young women provides hands-on workshops, mentoring, and internship opportunities for female students. Participants become part of a supportive community that will help them learn to create technology.

Interested students should email a request for an application from:

programs@chicktech.org

Eligible: All female-identifying or non-binary students.

Dates: Program begins **October 24**

Application Deadline: ASAP

Cost: Free

Link:

https://chicktech.org/for-students/highschool/?mc_cid=3e6bbc1db0&mc_eid=8011bfb91e

Blue Stamp Engineering Classes

Students engage in hands-on engineering & tech projects in fields of their choice, including robotics, coding, electronics, and more. They may register individually or as a small group – classes consist of 3-5 students.

Eligible: All students

Dates: Weekly throughout fall term

Application Deadline: Rolling Basis

Cost: \$500

Link: <https://bluestampengineering.com/friends/>

Engineering Essay Contest invites all students to “submit a piece of writing that salutes engineering’s role in meeting and defeating the challenges presented by COVID-19.” The top prize is \$500.

Eligible: All students

Application Deadline: **February 1, 2021**

Links: <https://www.engineergirl.org/134513/2021-contest>

<https://www.engineergirl.org/134518/2021-rules-and-regulations>

2020-2021 Modeling the Future Challenge

“The Modeling the Future Challenge is a real-world competition for high school students combining math-modeling, data-analysis, and risk-management into one exciting challenge. To compete, students conduct their own research project modeling real-world data to analyze risks and make recommendations to companies, industry groups, governments, or organizations.” **Winners will receive a \$60,000 reward.**

Details: “To start the challenge, students must complete a Scenario in which they are given a real-world dataset and must answer approximately 30 fundamental questions regarding statistics and mathematical modeling to make sure they have developed the skills needed to complete their own actuarial research project. For all teams passing through the scenario phase, they will define and conduct a project of their own choosing - following the Actuarial Process as a guide - and will complete a research report detailing their methodology, analysis, and recommendations. All teams accepted into the Project Phase of the program will be connected with an actuary mentor to help guide the students through the Actuarial Process and complete their research report.”

Students can be from formal, informal, or home-school groups.

Eligible: All juniors and seniors

Dates: **November 16** (Registration closes)

Cost: Free

Links: <https://www.competitionsciences.org/competitions/modeling-the-future-challenge-2020-21/>

https://www.mtfchallenge.org/register-your-team/?utm_source=MTFChallenge+Subscribers&utm_campaign=270367a4c3-EMAIL_CAMPAIGN_2020_09_06_02_25&utm_medium=email&utm_term=0_8c354a3c91-270367a4c3-161458327

Paid engineering lab internships at U.S. Navy labs around the country are available to 10th-12th grade students 16 and older. These Science & Engineering Apprenticeship Program (SEAP) spots are for eight weeks in the summer, and pay a stipend of \$3,500 to participants. The nearest participating facilities are in New Jersey and Connecticut; no housing is provided. **It is possible that the program will be switched to a virtual format, depending in the coronavirus situation.**

Eligible: Sophomores, juniors, and seniors who are U.S. citizens; limited opportunities for permanent residents

Dates: Eight weeks in summer

Location: Various

Application Deadline: **November 30**

Links: <http://seap.asee.org/>

http://seap.asee.org/program_details

The **Congressional App Challenge** invites students with an interest in computer science to develop and submit original apps that can be used by the United States Congress. Interested students may check the links below to learn if their congressional district participates in this program:

Eligible: All students

Application Deadline: Rolling Basis

Links: <https://www.congressionalappchallenge.us/students/student-registration/>
<https://www.congressionalappchallenge.us/>
<https://www.congressionalappchallenge.us/students/participating-districts/>

Museum of Mathematics Programs & 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.

Museum of Mathematics Programs & 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.

MoMath at a Glance	
Ongoing	<i>Mind-Benders for the Quarantined!</i> , weekly mathematical puzzles from MoMath’s puzzle master, Dr. Peter Winkler
	<i>MoMath Online: Student Sessions</i> , educator-led sessions for pre-K to 12 students exploring math from home
	<i>MathPlay</i> , the preschool program at MoMath
Accepting applications	<i>Expansions</i> , the gifted program at MoMath for students in first grade through high school
	<i>Steven H. Strogatz Prize for Math Communication</i> — for students 15 to 18 years old
	<i>MOVES 2021, Mathematics of Various Entertaining Subjects</i> — submit an abstract or activity for MoMath’s fifth biennial conference
Fri, Oct 16	<i>Folding Fridays</i> — learn to fold unique origami designs
Fri, Oct 16	<i>Global Math Week: “Going Completely Wild: Base one-and-a-half, and beyond!”</i> with James Tanton
Mon, Oct 19	<i>Pythagoras to Present Day: Math’s Greatest Hits</i> with Alex Kontorovich
Tue, Oct 20	<i>The 2020 MoMath Gala: Real and Rational</i>
Wed, Oct 21	<i>Mathematical Fusion: “Number Theory and Statistics”</i> with Paul Zeitz

Fri, Oct 23	<i>Folding Fridays</i> — learn to fold unique origami designs
Fri, Oct 23	<i>Equilibrium</i> , MoMath’s adult evening of mathematical games
Sun, Oct 25	<i>Tween Primes</i> , the MoMath book club for teens and tweens: <i>Uncle Petros and Goldbach’s Conjecture: A Novel of Mathematical Obsession</i> by Apostolos Doxiadis
Sun, Oct 25	<i>Unlimited</i> , MoMath’s mix-n-mingle program for students in middle and high school
Mon, Oct 26	<i>Pythagoras to Present Day: Math’s Greatest Hits</i> with Alex Kontorovich
Tue, Oct 27	<i>OED: Homework Help... for Parents!</i>
Wed, Oct 28	<i>Mathematical Fusion: “Geometry and Number Theory”</i> with Paul Zeitz
Thu, Oct 29	<i>Lost Treasures of the Multiplication Table</i> with Joshua Zucker
Fri, Oct 30	<i>Folding Fridays</i> — learn to fold unique origami designs
Mon, Nov 2	<i>Pythagoras to Present Day: Math’s Greatest Hits</i> with Alex Kontorovich
Wed, Nov 4	<i>Math Encounters</i> : “I’m Continuously Amazed: The Elegance and Power of Continuity” with Sam Vandervelde
Thu, Nov 5	<i>Ask a Mathematician — Anything!</i> with Alex Kontorovich
Fri, Nov 6	<i>Folding Fridays</i> — learn to fold unique origami designs
Sat, Nov 7	<i>Krazy Kahoot</i> with Steve Sherman
Tue, Nov 10	<i>Loving Math</i> with Steve Sherman
Wed, Nov 11	<i>Coins in Twoland</i> with Joshua Zucker — session one of a two-session program
Thu, Nov 12	<i>Coins in Twoland</i> with Joshua Zucker — session two of a two-session program
Fri, Nov 13	<i>Folding Fridays</i> — learn to fold unique origami designs
Fri, Nov 13	<i>Family Fridays</i> : “M-Cubed: Math, Mystery, and Magic” with Steve Sherman
Mon, Nov 16	<i>Pythagoras to Present Day: Math’s Greatest Hits</i> with Alex Kontorovich
Wed, Nov 18	<i>Math Gym</i> , a workout for your brain
Thu, Nov 19	<i>Meet a Mathematician</i> featuring Benedict Gross
Fri, Nov 20	<i>Folding Fridays</i> — learn to fold unique origami designs
Fri, Nov 20	<i>The Liar, the Glitch, and the Axiom of Choice</i> — a collaboration with brilliant.org
Fri, Nov 20	<i>Equilibrium</i> , MoMath’s adult evening of mathematical games
Sun, Nov 22	<i>Tween Primes</i> , the MoMath book club for teens and tweens: <i>Flatland: A Romance of Many Dimensions</i> by Edwin A. Abbott
Sun, Nov 22	<i>Unlimited</i> , MoMath’s mix-n-mingle program for students in middle and high school
Mon, Nov 23	<i>Pythagoras to Present Day: Math’s Greatest Hits</i> with Alex Kontorovich
Tue, Nov 24	<i>OED: Homework Help... for Parents!</i>

Wed, Dec 2	Math Encounters : “Breaking Up Is Hard To Do: The Art of Decomposition” with Jordan Ellenberg
Fri, Dec 4	Folding Fridays — learn to fold unique origami designs
Thu, Dec 10	Mathematical Magic Tricks with Joshua Zucker
Aug 8 to 10, 2021	MOVES 2021, Mathematics of Various Entertaining Subjects — MoMath’s fifth biennial conference in New York City
Sept 7 to 10, 2021	Meet Me in Paris: MATRIX x IMAGINARY 2021 — the biennial MATRIX conference in Paris, France with partners IMAGINARY and Institut Henri Poincaré

MoMath Online: Student Sessions for pre-K through 12

Ongoing, Mondays through Fridays

Parents, enroll your children in engaging, interactive math exploration in the popular

MoMath Online: Student Sessions program. Break the boredom of being at home with a journey into the wonderful and intriguing world of mathematics, guided by an experienced MoMath educator. Morning and afternoon slots available every weekday, Monday through Friday! For more information and to register, visit studentsessions.momath.org.

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, 2021

Links: <https://momath.org/the-stein-h-strogatz-prize-for-math-communication/>

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

The NCWIT **Aspirations in Computing Award Program** welcomes female students with an interest in computing and technology to apply for their awards.

Eligible: All female students

Application Deadline: November 5

Links: <https://www.aspirations.org/participate/high-school>

<https://www.aspirations.org/aspirations-computing-application-step-step-guide>

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

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:* Online Shadowing a Doctor in China Program**

This is a structured online program to introduce high school students to medical careers, with a focus on health care professions in China. Participants in small groups engage with doctors and medical students from a variety of medical fields.

Eligible: All students

Dates: November 1 – November 8

Application Deadline: Rolling Basis

Cost: \$350

Links: <https://shadowinchina.org/>
<https://docs.google.com/forms/d/e/1FAIpQLSegn3RkdD9TNcvU0FbrYiL3gB5MR9ewR2Tea-34oAQfC21r3w/viewform>

***Event Approaching:* Speaker Event: Pediatrician Dr. Brandon Mogrovejo**

Students are welcomed to virtually attend a virtual event at which Dr. Brandon Mogrovejo will talk about patient narratives and his project to create comics to educate youth about health. Students interested in medicine or the arts are encouraged to join. Registration is required.

Eligible: All students

Date: **October 17** (11:00am)

Application Deadline: Rolling Basis

Cost: Free

Link: https://cumc.co1.qualtrics.com/jfe/form/SV_9Ti1WZFcNyPNqIZ

Health Care Professions Week Virtual Fair (11/14-11/19) provides an array of online activities for high school students to explore and learn about career pathways, programs, and other opportunities in the many fields of medical practice. Interested students may learn more and register at:

Eligible: All students

Dates: November 14 - 19

Application Deadline: Rolling Basis

Cost: Free

Links: <https://explorehealthcareers.org/hpw/>

<https://www.careereco.com/Fair/EventDetails?fairId=3078c9c2-a1d3-41d5-b1a7-aba001499ce5>

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>

Rockefeller University offers an outstanding, free seven-week summer science research program for students 16 and older (at start of program). This SSRP program matches selected students with individual mentor scientists.

Eligible: All students 16 and older by June 28

Dates: June 28 – August 5

Application Deadline: **January 4, 2021**

Cost: Free

Link: <https://www.rockefeller.edu/outreach/lab-initiative/summer-science/>

GenHERation Trailblazer Series:

“The GenHERation Trailblazer Series highlights groundbreaking women who have created their own career paths. This series will provide participants with meaningful ways to learn from accomplished experts, develop new skills, and prepare for future career opportunities.” The next session will feature an emergency room physician-turned author - Learn more at the links below:

Eligible: All female students

Dates: Wednesdays from **October 21 - December 9** (7:00 — 7:30pm)

Cost: Free

Link: <https://generation.com/trailblazer-series/>

<https://generation.com/event/trailblazer-series-dr-kimmery-martin/>

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Theater/Writing/Music/Video:

***New:* Radio Boot Camp**

“Come to Radio Camp’s October Boot Camp and learn how to produce a radio story from start to finish. Class will cover the basics of writing for the ear (very different from print) and producing for radio. Learn interviewing and mic techniques by doing the real thing. Voicing will also be covered. Students will work on one story over the course of the weekend. Given the pandemic, class will be conducted online – we’ll still be there to hold your hand, just via Zoom, so virtually. We’ll discuss interviewing best practices for both in-person and online interviews, but in order to keep everyone safe, both students and interview subjects, unless students have access to boom poles, students will conduct interviews online.”

Eligible: All students

Dates: **October 23 – October 25**

Application Deadline: ASAP

Cost: \$325

Link: <https://uniondocs.org/event/radio-boot-camp/>

New: **Kenyon College** in Ohio, which is widely known for its outstanding writing programs, invites all current 10th & 11th-graders to enter their student poetry contest.

Eligibility: 10th-11th Graders

Application Deadline: November 30

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

New: **Mark Morris Dance Company Arts Immersion Fellowship**

Participants take a free dance class of their choice throughout the school year, prepare a dance performance, and work with professional producers & arts administrators.

Eligible: All students

Dates: To Be Announced

Location: 3 Lafayette Avenue, Brooklyn

Application Deadline: January 2021

Cost: Free

Link:

<https://markmorrisdancegroup.org/community/Arts-in-Education-for-High-School-Students/arts-immersion/>

Poetry Competition: Hollins College in Virginia offers high school **female** poets (current 10th & 11th graders) the opportunity to submit a poem to their annual competition. Students can win a \$350 first prize, along with a chance to have their work published.

Eligible: Current 10th & 11th grade female students

Application Deadline: **October 31**

Link: <https://www.hollins.edu/academics/majors-minors/english-creative-writing-major/nancy-thorp-poetry-contest/>

The **Bennington Young Writers' Awards** invites all 10th – 12th graders to submit poetry, fiction, and nonfiction original works. The top prize is \$500, and the application deadline is **November 1**. Learn more and apply at:

<https://admissions.bennington.edu/register/youngwriters>

Letter to Congress Writing Contest: The Pulitzer Center invites all students to enter by writing a letter to Congress about a global issue that they consider important. Topics should be based on news stories in the Pulitzer site's news center.

Eligible: All students

Application Deadline: **November 13**

Links:

<http://www.pulitzercenter.org/builder/lesson/local-letters-global-change-pulitzer-center-writing-contest->

[24976?utm_source=email&utm_medium=educationnewsletter&utm_campaign=9262018](https://www.pulitzercenter.org/24976?utm_source=email&utm_medium=educationnewsletter&utm_campaign=9262018)

<http://www.pulitzercenter.org/>

The Tisch Spring Future Artists Program

NYU Tisch welcomes 9th, 10th, and 11th grade students to apply for their **free remote workshop classes** that take place on 14 Saturdays from February – May 2020. These include programs in Dance, Music, Game Design, Filmmaking, Theatre Arts, and more. The focus is on under-represented and financially needy students, but all may apply.

Eligible: All freshmen, sophomores, and juniors

Dates: Classes meet on Saturdays from **February 6- May 15**

Location: NYU Tisch, Manhattan

Application Deadline: **November 6**

Cost: Free

Here is a description of a typical program: **Future Music Moguls**

Students who participate in Future Music Moguls not only learn about the creative process behind making songs, but they're also exposed to the exciting behind-the-scenes business decisions that help music wind up in the hands of audiences around the world. With a strong emphasis on current issues and rising trends in the distribution and delivery of music, students learn about music entrepreneurship and are introduced to issues in financial literacy that can be applied to a wide range of future activities, music-related or otherwise.

Qualities of an ideal candidate may include:

- a strong interest and/or participation in the music industry

- high academic achievement
- a strong ability to communicate and willingness to collaborate
- innovative or forward-thinking
- a self-starter, drive and passion
- competency and maturity
- a firm commitment to completing the entire workshop

Links:

<https://tisch.nyu.edu/special-programs/high-school-programs/tisch-spring-future-artists-program>

<https://connect.nyu.edu/register/?id=530cd02c-91c5-4a1e-bc3c-7f882d6f25ed>

<https://tisch.nyu.edu/special-programs/admissions/spring-future-artists-program-requirements>

<https://tisch.nyu.edu/special-programs/admissions/admissions-calendar>

The **Scholastic Art & Writing Awards Program** is now accepting student submissions in 28 different creative categories – learn more about these prestigious & lucrative awards (which our students have excelled in) at the links below:

Eligible: All students

Application Deadline: **December 4**

Links: <http://www.artandwriting.org/affiliate/NY001W/>

<https://www.artandwriting.org/what-we-do/the-awards/how-to-enter/>

Human Rights and Immigration Essay Contest: The Kemper Foundation invites **all students** to submit essay entries on the following topic:

“Confronted with the coronavirus pandemic, countries around the world are making policy changes that affect human rights. How well is the United States meeting the goals of limiting the spread of the virus and preserving human rights?”

If there is a single issue that stands out above all the others, feel free to focus on that issue.”

The top prize is \$1,000, and the application deadline is **December 10** (Human Rights Day). Learn more below:

Eligible: All students

Application Deadline: **December 10**

Links: <https://khref.org/2020-essay-contests/>

<https://khref.org/wp-content/uploads/2020/06/1.-U.S..pdf>

Japan Center Essay Competition

The Japan Center at Stony Brook University (JCSB) has announced the 16th Annual JCSB Essay Competition at Stony Brook University, sponsored by Canon U.S.A. The aim of the JCSB essay competition is to provide young Americans with an opportunity to think creatively and critically about their lives by relating them to some aspect of Japan to help them broaden their horizons and develop global citizenship. Winners will receive cash prizes up to **\$3000** in addition to a **Canon camera**. Rules and details can be found at:

<https://www.stonybrook.edu/commcms/japan/programs/essay-comp.php>

Eligible: All high school students

Application Deadline: **January 8, 2021**

Link: <https://www.stonybrook.edu/commcms/japan/programs/essay-comp.php>

The **JFK Profiles in Courage** essay contest offers a \$10,000 top prize. The topic is: “Describe and analyze an act of political courage by a US elected official who served during or after 1917.”

Eligible: All students

Application Deadline: **January 15, 2021**

Links: <https://www.jfklibrary.org/learn/education/profile-in-courage-essay-contest/getting-started>

<https://www.jfklibrary.org/learn/education/profile-in-courage-essay-contest/eligibility-and-requirements>

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Opportunity Lists and Resources:

-- NYC Online Department of Youth Activities

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

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

--Torus Teens General Opportunity Site

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

Links: <https://torusteens.com/about>

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

--**Johns Hopkins Center for Talented Youth:**

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

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

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

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

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

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

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Scholarships:

New: Seniors of Italian heritage with financial need and a demonstrated record of commitment to their communities are welcome to apply for the **Columbus Citizens Foundation** scholarship.

Eligibility: Seniors of Italian Heritage

Link: <http://www.columbuscitizensfd.org/scholarships/scholarships.html>

New: The **Jeffrey Ahn Jr. Art Fellowship** provides a \$10,000 award for students interested in working on a creative summer art project.

Eligibility: Age 14-21

Application Deadline: **December 18**

Link: <http://www.jeffreyahnjr.org/about-the-fellowship>

<https://jajf.slideroom.com/#/login/program/56740>

New: APIA Scholars offers a range (\$2,500-\$20,000) of scholarships to support Asian & Pacific American (APIA) students.

“APIA Scholars provides scholarships to underserved APIA students with a special focus on those who:

- *Live at or below the poverty level, or are otherwise of low socioeconomic status;*
- *Are the first in their families to attend college;*
- *Are representative of the APIA community’s diversity, (geographically and ethnically), especially those ethnicities that have been underrepresented on college campuses due to limited access and opportunity; and*
- *Have placed a strong emphasis on community service and leadership as well as solid academic achievement.”*

Eligibility: Asian & Pacific American (APIA) students

Application Deadline: **January 14**

Links: http://www.apiasf.org/scholarship_apiasf.html

Seniors with strong records of community service may apply for the **Prudential Spirit of Community** awards. The application deadline is **November 10:**

<https://spirit.prudential.com/>

The **WIT Scholarship** is open to applications from **female seniors** who are studying in the fields of toy design, engineering, entrepreneurship, business, and others. Students may apply for this annual scholarship of \$2,500 “on the basis of merit, innovation, and leadership.”

Eligible: Female seniors interested in exploring the relevant majors/fields

Application Deadline: **November 27**

Link: <https://genheration.com/event/wit-scholarship-2021/>

The **Science Ambassador Scholarship** is open to applications from **female seniors** interested in majoring in STEM subjects. This full tuition award requires submission of a three-minute video explaining your interest in a STEM topic of your choosing. The application deadline is **December 14:**

https://www.scienceambassadorscholarship.org/?mc_cid=4ac875f05b&mc_eid=2f0e0bf1#intro

https://www.scienceambassadorscholarship.org/?mc_cid=4ac875f05b&mc_eid=2f0e0bf1#faq

Information about a scholarship for Asian-American high school students may be found via the following link; the application deadline is **January 14, 2021:**

http://www.apiasf.org/scholarship_apiasf.html

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

<http://jobsearch.about.com/od/resumesandcoverletters/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

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

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