

Stuyvesant Student Opportunity Bulletin #14L

December 11, 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.

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

Please note that next Tuesday's (12/15) monthly PA Meeting will focus on summer and school-year internships & opportunities – what they are, when they are available, which are best for our students, and how to get them. Be sure to join in – all are welcome!

In this week's edition, there are several new STEM-focused opportunities available, including (in the medical field) the free **Perry Initiative** one-day conference, **Virtual physician-shadowing** with an emergency room staffer, and the **NYC Exploring Lenox Hill Hospital** information session coming up on December 17th.

For female students, there is also an update about the **Harvard BOLD Business Conference** scheduled for the end of January – students may now register with no charge.

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

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

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

Events:

New: **We the Youth Town Hall on Equity and Education**

All students are invited to discuss Education in NYC and what should be prioritized in the Youth Agenda to address how race and class may impact your quality of education. Don't miss the opportunity to let the next Mayor of NYC know how you feel about your education.

And the NYC Department of youth & Community Development welcomes all students to join their Youth Council, which helps develop programs like this – check the link below to learn more.

Eligible: All students

Date: **December 16** (5:00 – 6:30 pm)

Application Deadline: Rolling Basis

Links: <https://www.eventbrite.com/e/we-the-youth-you-the-people-the-miseducation-of-nyc-equity-and-education-tickets-131602455487>
https://forms.office.com/Pages/ResponsePage.aspx?id=x2_1MoFfIk6pWxXaZIE772FOotiB_u9OssZM7zH_9_pUN0Y5WE1DSVJIVEI5U0ExN00xQkISVVFLTS4u

Event Approaching:

Webinar on Links Between Green Space and Climate Change

“**Access and Justice** “We invite teens to join us for a free workshop discussing the importance of access to green space and why it is an environmental justice and climate justice issue. Together, participants will reflect on their own interactions with parks and green spaces in their neighborhoods and uncover why access to these spaces is a justice issue.”

Eligible: All students

Date: Tuesday, December 15 – Preregistration required

Application Deadline: Rolling Basis

Cost: Free

Links: https://www.brooklynbridgepark.org/events/climate-justice-webinar-with-taylor-morton/?mc_cid=37e0de4fa5&mc_eid=f9c3a2bc03

Event Approaching: **Chat With a Scientist**

At this event, you'll meet two scientists from Pfizer (one of the companies that just developed a vaccine for the Covid 19) — **Jyoti Ramakrishna, MD, MPH**, Director of Clinical Research and **Aarti Sawant Basak, PhD**, Associate Director of

Clinical Pharmacology. They'll explain how clinical trials are used to test out promising new drugs and life-saving vaccines.

Eligible: All students

Date: Wednesday, December 16 (4:00 – 5:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links: https://www.nyas.org/events/2020/webinar-chat-with-a-scientist-how-drug-development-and-clinical-trials-really-work/?utm_source=The+New+York+Academy+of+Sciences&utm_campaign=b9dee21ded-Chat+Scientist+2020+12+01&utm_medium=email&utm_term=0_cba25b11d2-b9dee21ded-184335233&mc_cid=b9dee21ded&mc_eid=94abaffc6a

***Event Approaching:* Meet a Mathematician at the Museum of Mathematics:**

Did you ever wonder what a mathematician does all day? Or what made someone decide to become a mathematician? Or even, what a mathematician does for fun? You may be surprised by some of the answers! Meet Professor Sarah Koch, a world-class mathematician at the University of Michigan (by way of Cornell and Harvard). Sarah Koch's work is, broadly, in complex dynamics, at once an ancient field asking basic questions about what happens when you repeat an operation over and over, and at the same time, a very modern one, whose beautiful Julia and Mandelbrot sets are illustrated on many a screensaver today.

Hosted by MoMath's 2020-2021 Distinguished Visiting Professor for the Public Dissemination of Mathematics and Rutgers math professor Alex Kontorovich

Eligible: All students

Date: Thursday, December 17 (4:00 pm)

Application Deadline: Rolling Basis

Cost: \$15

Links: <https://momath.org/meet-a-mathematician/>

<https://momath.org/civicrm/?page=CiviCRM&q=civicrm/event/info&id=3612&reset=1>

SUNY Financial Aid Information and How-to-Apply Sessions

1-“Prospective students and families are invited to join SUNY for an online workshop which will provide detailed information about the financial aid application and award process. We will review the cost of attendance and explore the types of financial aid available, including the Excelsior Scholarship. During the session, you will be able to send us your questions via live chat.”

2-“Learn the answers to all of your questions about applying to SUNY! This session will provide an overview of the application process, as well as step-by-step information on completing the SUNY Application.”

Eligible: Seniors and all students

Dates: Financial Aid Sessions: Friday, December 18 (4:00pm)

How to Apply Session: December 16 (5:30pm)

Application Deadline: Rolling Basis

Links: https://engage.suny.edu/portal/financial_aid_sessions_virtual

https://engage.suny.edu/portal/financial_aid_sessions_virtual?id=5c297015-fe55-4025-b9a6-236e53b30d7a

https://engage.suny.edu/portal/how_to_apply

[RETURN TO TOP](#)

Academic Programs:

***New:* Tiger Foundation Free January Remote After-School Classes**

Courses include Photography, Graphic Design, Machine Building, Golf, and more. Students can choose either a one-week class (meets for 4 days) or classes that meet twice a week for six weeks.

Eligible: All students

Dates: January 19 – February 25

***Application Deadline:* January 8**

Cost: Free

Links:

http://tgrfoundation.org/wp-content/uploads/sites/14/2020/12/TGRF_2021_EastCoastEL_Winter_VirtualClasses.pdf?mkt_tok=eyJpIjoiWldNek1UVmlZbU00Wm1NNCIsInQiOiJSczZVHMjV2XC8xTnc5R1paMHlmUkhlZkRWblA3V2xKWTBldWJLeIwvZzVlalwvRkl5NkFYKzlsNURMWGtvUk9ZUm5zM1pPTVRjYUZZMVIXYURmUnRCK2hKRUI4MG1UdXZjV1ppeUJra3hrN1djbNcL3lyQ1M0d09sWWZjYUZZSWVpiN2sifQ%3D%3D

<https://www.eventbrite.com/e/tgr-learning-lab-virtual-winter-one-week-design-workshops-tickets-130501895683>

***New:* Free S-Prep SAT Prep Class**

This is a Columbia University Medical School-sponsored preparatory virtual course for students with an interest in medicine & related STEM-fields.

Participants also learn about career & college admissions planning. It is focused on students from under-represented or low-income backgrounds, but all may apply.

Eligible: Focus on low-income & under-represented students, but all may apply

Dates: February 6 – May 15

Application Deadline: January 8

Links: https://cumc.co1.qualtrics.com/jfe/form/SV_41kpt2s0pCwNPWB
<https://www.ps.columbia.edu/education/academic-programs/additional-educational-opportunities/summer-youth-programs/middle-high-school-students/state-pre-college-enrichment-program-s-prep/how-apply>

https://cumc.co1.qualtrics.com/CP/File.php?F=F_5BCtrBfN1w8HgA5

***New:* Edgi-Learning Spring Courses on Technology & the Future of Work**

These remote, interactive, student-led discussion group classes focus on innovative Tech, AI, and other new societal trends affecting education and careers. They meet twice a week after school for six weeks.

Eligible: All students

Dates: February 22- April 2

Application Deadline: M

Cost: \$300

Links: <https://edgilearning.com/join>
<https://www.youtube.com/watch?v=b1P3x1wagLc&feature=youtu.be>

***New:* Brooklyn College Free Remote College Now Classes**

These free college level courses include Introductory Psychology, Health & Nutrition, Personal Finance, and more. Other CUNY campus College Now options are listed below in this section.

Eligible: Current juniors and seniors

Dates: January 30 – May 25

Application Deadline: December 23

Cost: Free

Links: [https://drive.google.com/file/d/1TjDyYG1Qd9-](https://drive.google.com/file/d/1TjDyYG1Qd9-ci8MtaLx8pcuu6F5FdSbP/view?usp=sharing)

[ci8MtaLx8pcuu6F5FdSbP/view?usp=sharing](https://drive.google.com/file/d/1TjDyYG1Qd9-ci8MtaLx8pcuu6F5FdSbP/view?usp=sharing)

[https://drive.google.com/file/d/1AoL3N3VjS96YCsS6XC0aXjNGgMDQMUi8/view?usp=sharin](https://drive.google.com/file/d/1AoL3N3VjS96YCsS6XC0aXjNGgMDQMUi8/view?usp=sharing)
[g](https://drive.google.com/file/d/1AoL3N3VjS96YCsS6XC0aXjNGgMDQMUi8/view?usp=sharing)

<https://www.brooklyn.cuny.edu/web/academics/schools/education/partnerships/collegenow.php>

Deadline Approaching: ---Hunter College Now

(Contact Ms. Hughes at ehughes@stuy.edu to apply for Hunter courses)

Example of Courses Offered: Computer Science, Media Studies, Music Theory, Mythology, Psychology, Sociology, Health, Philosophy

Application Deadline: December 11

Links: <http://www.hunter.cuny.edu/college-now/>

http://www.hunter.cuny.edu/college-now/copy_of_2021-spring-cn-application

http://www.hunter.cuny.edu/college-now/copy_of_spring-2018-college-now-application-packet

Deadline Extended: ---City College

(Contact Ms. Hughes at ehughes@stuy.edu to apply for Hunter courses)

Dates: Information Sessions: **Friday, December 11 and December 22**

Classes: **January 11 – April 26**

Application Deadline: December 28

Cost: \$6,000 for typical 3-credit (point) class

Links: <http://precollege.sps.columbia.edu/highschool/college-edge/academic-year/events/12-12-2020-college-edge-academic-year-information-session>

http://precollege.sps.columbia.edu/highschool/college-edge/academic-year/events?utm_content=Precollege&utm_campaign=PREC_CE_DL-01_122820&utm_source=Email&utm_medium=Internal

2- *Deadline Approaching:*

Columbia University Academic Year Online Immersion Classes

“Through the Academic Year Immersion program, high schoolers will prepare for the college experience through exploratory coursework and community activities over ten weekends this fall and spring.”

Eligible: All students

Dates: January 16 – March 21

Application Deadline: December 14

Cost: \$1,500 per course

Links <http://precollege.sps.columbia.edu/highschool/academic-year-immersion>

<http://precollege.sps.columbia.edu/highschool/academic-year-immersion/admissions>

Spring & Summer STEM Research Academy @ NYC College of Technology

“The College Now STEM Research Academy at City Tech is a two-part program designed to provide high school students with an opportunity to develop strong college level research skills by engaging in authentic science inquiry and research activities. Selected students will be enrolled into a free Spring 2021 pre-college research course. Upon successful completion of the spring course, students will have the opportunity to apply for the 2021 STEM Summer Research Internship. The summer program is FREE to students. College Now covers the cost of tuition, books and supplies. Students who participate will also receive a City Tech College ID card, free lunch, metro card, and stipend upon completion of the summer internship program.”

Eligible: Current 10th and 11th graders with a minimum 80 GPA

Dates: Spring: February 13 – May 29; Summer: June 28 – August 16

Application Deadline: **December 21**

Cost: Free

Links:

<https://drive.google.com/file/d/1Pz09qdhY6IIrL18cGp9jfJFgfNMI2-92/view>

https://drive.google.com/file/d/1gJirSrud12aC6byzW_e6B_8jBEbvnNPQ/view?usp=sharing

<https://drive.google.com/file/d/1W47UgW7fn3df1rc3e3xDa6CXyJFrvoCb/view?usp=sharing>

Other CUNY STEM Research Academies

Spring & Summer STEM Research Academies are offered at a number of CUNY campuses across the city. Each of these free programs features a different focus, ranging from aquatic science (Brooklyn College) to general research techniques (NYC College of Technology – see item directly below). Various grade level

students may apply. Eligibility and deadline requirements vary, so check these links to learn more:

<https://k16.cuny.edu/stemacademy/campuses/>

<https://k16.cuny.edu/stemacademy/>

<https://k16.cuny.edu/stemacademy/about-us/>

Additional CUNY College Now Programs for the Spring Term:

The CUNY College Now Program at campuses throughout the city offers **free** college-level summer science, math, & humanities classes to current juniors & seniors (sophomores may be eligible for some programs depending on requirements). Courses will occur remotely.

The application deadlines and course times vary for each individual campus - students should explore their options and apply ASAP. See the links below for more detailed information about programs and courses.

For City College & Hunter College classes, students should contact Stuyvesant College Counselor Elizabeth Hughes at: ehughes@stuy.edu with questions & for support.

Eligible: Current Juniors & Seniors (Sophomores may be eligible for some programs)

Dates: Spring 2021

Application Deadlines: Various – See below

Cost: Free

Link: <https://k16.cuny.edu/collegenow/faqs/#1542059371505-3d90eec6-45ca>

<https://k16.cuny.edu/collegenow/colleges/>

---Lehman College Now

Example of Courses Offered: Digital Imaging, Business Management, Creative Writing, Statistics, Contemporary Moral Issues, Sociology, Criminology

Application Deadline: **December 31**

Links: <http://www.lehman.edu/college-now/>

<http://www.lehman.edu/college-now/how-to-apply.php>

<http://www.lehman.edu/college-now/college-courses.php>

---Medgar Evers College Now

Example of Courses Offered: Biology, Computer Science, Composition, Criminal Law, Algebra and Trigonometry, Psychology, Sociology, Fundamental of Speech

Application Deadline: **January 15**

Link: <https://www.mec.cuny.edu/college-readiness/college-now-program/>

---Bronx Community College

Application Deadline: First come, first served (priority for partner high schools)

Examples of Courses Offered: Computer Applications in Technology, Digital Imaging, Sociology, Marketing, Criminal Justice, Psychology

Links:

<http://www.bcc.cuny.edu/academics/student-success-programs/college-now/>

<https://www.bcc.cuny.edu/academics/student-success-programs/college-now/application/>

<https://www.bcc.cuny.edu/academics/student-success-programs/college-now/class-schedule/>

---College of Staten Island

Application Deadline: Rolling Basis

Additional Link:

<https://www.csi.cuny.edu/academics-and-research/specialized-programs/high-school-programs/college-now/course-offerings>

---John Jay College

Application Deadline: First come, first served (priority for partner high schools)

Additional Link: <https://www.jjay.cuny.edu/college-now-apply-here>

Examples of Courses Offered: Critical Thinking, Psychology, Fundamentals of Speech

---York College

Examples of Courses Offered: Computer Science, Fine Arts, Financial Planning, Nutrition, History, Statistics and Probability, Pre-Calculus, Spanish

Application Deadline: Rolling Basis

Links: <https://www.york.cuny.edu/academics/college-now>

Biomedical Engineering Innovations Online Course

“This Johns Hopkins University Biomedical Engineering Innovation is a fully online course that introduces biomedical engineering to high school students by (1) modeling biological systems and designing experiments to test those models and (2) introducing engineering principles to solve design problems that are biological, physiological, and/or medical.

Students will model human efficiency and the cardiovascular system. Students are expected to use the informational content being taught in math, physics and biology and to apply this knowledge to the solution of practical problems encountered in biomedical engineering.

You will learn about Biomedical Engineering from experts in the field through lectures, assignments, and hands-on design projects.”

Eligible: Preference to juniors & seniors, and 10th-graders who have completed Algebra II

Dates: January 25 – April 23, 2021

Application Deadline: Rolling basis

Cost: Approximately \$3,300 – some financial aid may be available

Link: <https://ei.jhu.edu/biomedical-online/>

Online Math & Programming Classes

The Art of Problem Solving organization sponsors high-quality courses in mathematics (including geometry, algebra, precalculus, calculus & more) and Introductory Python programming. They also offer classes to prepare for the AMC and other math competitions.

Eligible: All students

Dates: Various – Next group of class sessions begins in December

Application Deadline: ASAP

Cost: Various - \$400 - \$800

Links: <https://artofproblemsolving.com/school/how-school-works>
<https://artofproblemsolving.com/school/schedule>

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: **January 12** (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>

[*RETURN TO TOP*](#)

Business & Jobs

Updated: 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. The conference will be virtual this year. Participants will learn about business and engage with current Harvard business majors and local business leaders. To learn more and get free registration, feel free to contact our BOLD student ambassador at:

mshi30@stuy.edu

Eligible: All female students

***Dates:* January 30-31**

Cost: Free if you use the code **MARILYN**

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

Event Approaching: Genheration Leadership Panel

“Join us for a virtual panel to learn from female professionals at **Adobe, Deloitte, L'oréal, and Hartford Funds**. This session will highlight how these leaders have navigated their career paths across different industries and their advice to help you prepare for your personal and professional pursuits. Register [here](#) and you will receive a link via email to join the discussion the morning of the panel.”

Eligible: All students

***Date:* Monday, December 14 (6:00 – 7:00pm)**

Application Deadline: Rolling Basis

Cost: Free

Links: <https://genheration.com/event/lessons-in-leadership-panel/>

InvestIN: Young Leaders Global Summit

InvestIN is offering a variety of live online work experience programs spanning 20 industries in 5 different categories: Medicine, Business, STEM, Law & Politics, and Creative. These include during the spring terms, the summer, and an upcoming December Summit program:

“The Young Leaders Global Summit gives students aged 12-18 a 360-degree experience of what it takes to be a successful leader in today’s globalised world. Over the course of 5 days, you will work with highly-successful leaders to gain the key skills required to be a leader in any field: innovation, team-building, negotiation, public speaking, strategy and critical thinking. Throughout the Summit you will be immersed in a variety of interactive simulations designed to develop these core leadership qualities.”

Eligible: All students ages 15 - 18

Dates: December 19 -23

Application Deadline: Rolling Basis

Cost: Approximately \$400 - \$700 (depending on choice of 3-day or 5-day option)

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

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

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: December 22 (Suggested date)

Links: <http://www.emmabowenfoundation.com/>
https://www.emmabowenfoundation.com/application_info?utm_campaign=dec_22&utm_medium=email&utm_source=emmabowenfoundation

My Next Move Career Information Resource

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

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

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

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

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

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

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

[RETURN TO TOP](#)

Community Service

***New:* Become a Chess Tutor with NYC Chess Connections**

NYC Chess Connections is a student-led chess tutoring service designed to connect students passionate about chess across the city. All of the lessons we offer are completely free of charge and we let the student decide the duration of the lesson, as well as what they learn. If you are a student who has always wanted to learn how to play chess, or a chess player who wants to volunteer, check the link below to sign up.

Eligible: All students with a 1,500 or higher chess rating

Dates: Ongoing throughout spring term

Application Deadline: ASAP

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

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

Eligible: All Students

Dates: Various

Location: Various

Application Deadline: Rolling Basis

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

Deadline Approaching:

Amigos Community Impact Project

“ For students interested in Latinx & Latin American issues, the AMIGOS Community Impact Project gives you the chance to join a social action movement at a time when global connection and local action are more important than ever. This innovative initiative enables you to channel your energy into working with other young leaders across the U.S. and Latin America. You’ll create projects that address our most pressing issues during this global crisis and you’ll build a network of like-minded individuals committed to creating positive change.”

Eligible: All students

Dates: Program dates: **March 9 – May 1**

Application Deadline: **December 15**

Cost: \$995 – Financial aid available

Links: <https://amigosinternational.org/programs/community-impact-project/>

<https://us02web.zoom.us/meeting/register/tZAvdu-tqjkuHdPu0m1udc0Td2uv8Zf-WzSg>

Get Out the Vote Text Drive

The MinKwon Center is inviting you to volunteer with us! 2021 elections are right around the corner, and we are inviting you to text bank with us. We will be reaching out to local community members to remind them to register to vote as the 2021 local elections are coming up

Eligible: All students

Dates: Mondays & Wednesdays (6:00pm)

Application Deadline: Rolling Basis

Links:

https://www.mobilize.us/minkwongotv/event/364013/?mc_cid=ca78bf3d06&mc_eid=642f4c3cb5

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

Luv Michael is a nonprofit that “trains, educates, and employs autistic adults. Volunteers will learn about issues facing the Autism community and build their own campaign to advocate for those diagnosed with Autism.”

Eligible: All Students

Dates: Various

Location: Virtual

Application Deadline: Rolling Basis

Links: <https://luvmichael.com/>

<https://luvmichael.com/volunteer-community-service-hours/>

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

Eligible: All Students

Dates: Various

Location: Various

Application Deadline: Rolling Basis

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

<https://www.dorotusa.org/volunteer>

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

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

Immigrant Social Services Volunteers

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

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

They also welcome student volunteers Monday-Friday any time between 2:30-8:30pm to support the academic growth of grades K-8 public school students in Chinatown and the Lower East Side (currently P.S.2 and P.S.126). **Tutoring, help**

with middle & high school admissions advice, basic coding skill-building, and more are help options for Stuy volunteers. All of our youth volunteer opportunities are currently remote on Zoom while the COVID-19 pandemic is ongoing.”

Eligible: All students

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

Application Deadline: ASAP

Links: <https://issnyc.org/volunteer/>
https://docs.google.com/forms/d/e/1FAIpQLSeC8sVCJcExgmjtIQPII1yEjqsJVwvoFa4cTWnNtWoZCvda_g/viewform

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

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

Volunteer Tutor & Business Support @ Robotics for All

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

Eligible: All students with basic subject proficiency, or interest in business development.

Dates: Four sessions per year

Application Deadline: Rolling Basis

Links: <https://www.roboticsforall.net/overview-of-positions.html>
<https://www.roboticsforall.net/virtual-business-internship.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/>

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>

TUTORING OPPORTUNITES

-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

-The **Common Denominator – Tutor Middle Schoolers in Math**

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

Eligible: All students

Dates: Fall Term – one session per week

Application Deadline: Rolling Basis

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

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

-**Shuang Wen P.S. 184 Internship**

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

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

Eligible: All students

Dates: 2020-2021

Application Deadline: Rolling Basis

Link:

https://docs.google.com/forms/d/e/1FAIpQLSe4q_ttSjq6qw4hmQucStAUd0lDBBT9uDN03mdgnCDfYIYuhg/viewform?vc=0&c=0&w=1&flr=0

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

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

[RETURN TO TOP](#)

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

***New:* Cultured Kids Cuisine Winter Internship**

“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!” They welcome volunteer interns for the spring term. Join them on the weekends for live cooking classes by registering at the link below:

Eligible: All Students

Dates: Spring term

Application Deadline: January 1

Cost: Free

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

New: Volunteer with Mayoral Campaigns of Stuy Alumni

Student volunteers are invited to help in the campaigns for Mayor of two eminent Stuyvesant graduates, Kathryn Garcia (Stuy '88) and Dianne Morales (Stuy '85). The campaigns are seeking volunteers who are interested in local politics, community organizing, and learning how a campaign is run.

To learn more and apply to the Garcia campaign, please send an email indicating interest to:

colin@kgfornyc.com and also check the link for the campaign below.

For the Morales campaign, check their link below:

Eligible: All students

Dates: Ongoing

Application Deadline: Rolling Basis

Links: <https://www.kgfornyc.com/> <https://www.dianne.nyc/>

Stand UP Girls! NYC

Do you like to laugh? To make other people laugh? Would you like to develop your communication & presentation skills? All Stuy female students are invited to apply for the Stand Up Girls NYC afterschool program, which will meet virtually for 6 – 8 weeks on Tuesdays after school.

A professional actress/comedienne will teach you the basics of stand-up comedy - no previous experience or special talent is necessary! This is a great way to have fun & diminish stress – **Only twelve students may participate** – interested applicants should send an email **ASAP** to Harvey Blumm at: hblumm@stuy.edu

Eligible: All female students

Dates: One day a week after school

Application Deadline: **Rolling Basis** – First Come, First Served

Cost: Free

Link: <https://www.standupgirlsny.org/>

Deadlines Approaching: International Travel Opportunities

--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 8** (YES) and **December 8** (CBYX)

Cost: Free

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

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

Other International Opportunities:

1--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

New Application Deadline: **January 5**

Cost: Free

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

2-Diller Teen Leadership Awards

“These awards honor Jewish teens who demonstrate remarkable leadership and engagement in projects that embody the values of tikkun olam, “repairing the world.” Projects may focus on the Jewish or general community. Up to 15 recipients will be awarded \$36,000 each to further their project or for their education. Applicants must be nominated by someone aware of their work.

Eligible: Eligibility: Teens (13–19 years old) who self-identify as Jewish, living in the United States, and who are not compensated for their work.

Application Deadlines:

Nominations-December 18; Student Applications-January 8

Links: <https://www.dillerteenawards.org/apply-and-nominate/>
<https://www.dillerteenawards.org/apply/>
<https://www.instagram.com/dillerteenawards/?hl=en>

Event Approaching: Genheration Leadership Panel

“Join us for a virtual panel to learn from female professionals at **Adobe, Deloitte, L'oréal, and Hartford Funds**. This session will highlight how these leaders have navigated their career paths across different industries and their advice to help you prepare for your personal and professional pursuits. Register [here](#) and you will receive a link via email to join the discussion the morning of the panel.”

Eligible: All students

Date: Monday, December 14 (6:00 – 7:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links: <https://genheration.com/event/lessons-in-leadership-panel/>

“**Rise** is a global talent program that finds extraordinary young people who need opportunity and supports them for life as they use their talents to serve others. Winners will receive need-based financial support for university and internships, mentorship and career services, and access to funding to scale up their social impact throughout their careers.” Learn more and apply below:

Eligible: Students ages 15-17

Dates: TBA

Location: TBA

Application Deadlines: January 29 (Creating profile):

April 1 (Completing challenge)

Cost: Free

Links: <https://www.risefortheworld.org/about>

<https://www.risefortheworld.org/apply>

<https://www.risefortheworld.org/what-we-look-for>

<https://www.risefortheworld.org/faq>

The Knowledge Society

The Knowledge Society is a ten-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. This year, there is also a virtual option being offered.

Eligible: Students 13 – 18 years-old

Dates: 2021-2022 School Year

Location: Various

Cost: \$590/month for TKS New York

\$439/month for TKS Virtual (some financial aid available)

Early Application Deadline: **January 24**

Links: <https://tk.world/apply/>

<https://tk.world/newyork/>

<https://tk.world/virtual/>

<https://tk.world/faqs/>

Angelo Del Toro Hispanic Youth Leadership Institute

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

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

Dates: Spring term

Application Deadline: Rolling Basis

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

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

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

Eligible: All Students

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

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

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

Volunteer Internship for Queens City Council Candidate John Choe

“Student volunteers are invited to help in candidate John Choe’s bid for the District 20 City Council district, which encompasses Flushing, Fresh Meadows, Bayside, Auburndale, College Point, Holly, Kissena Park, Mitchell-Linden, Murray Hill, Queensboro Hill, and Whitestone.

The campaign is seeking volunteers who are interested in local politics, community organizing, and learning how a campaign is run. We are looking for students who are interested in policy writing, communications, graphic design, organizing, and more! If students want to learn more about the campaign and the candidate, they may visit www.johnchoe.nyc, Facebook: www.facebook.com/johnchoe.nyc, Instagram: [@johnchoe.nyc](https://www.instagram.com/johnchoe.nyc), Twitter: [@johnchoe4nyc](https://twitter.com/johnchoe4nyc) “

Eligible: All students

Dates: Ongoing

Application Deadline: Rolling Basis

Links: <https://forms.gle/ydhsSdvvwzrVN3g5A>

<https://www.johnchoe.nyc/>

The **Thurgood Marshall Professional Development Series** is “a professional development program for diverse high school students to strengthen their skills.”

These virtual workshops cover interview prep (December 8), office etiquette (February), and networking 101 (April). Each workshop consists of a panel presentation by professionals and a networking session with legal professionals.

Register below:

Eligible: All Students

Dates: Various (4:00 - 6:00pm)

Application Deadline: **ASAP**

Cost: Free

Links: <https://www.nycbar.org/serving-the-community/diversity-and-inclusion/student-pipeline-programs/programs/thurgood-marshall-professional-development-series>

<https://nycbardiversity.typeform.com/to/Yx85q04j>

Bezos Scholars Program

Current juniors with ideas about improving their communities may apply to the free Bezos Scholar one-week summer program in Aspen, Colorado. Participants engage in online projects throughout the year. Learn more and apply via the information below:

Eligible: All Juniors (see link for additional requirements)

Dates: June 25 – July 21, 2021 (subject to change)

Location: Aspen, Colorado (subject to change)

Application Deadline: **January 11**

Cost: Free

Links: <https://bezosscholars.org/apply/>

<https://bezosscholars.org/stories/2021-bezos-scholar-applications-open-now/>

New York State Human Rights Internships

The Brooklyn office of the New York State Division of Human Rights welcomes student applications for part-time volunteer internships for spring & summer 2021.

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

Barbara.Klar@dhr.ny.gov “

Eligible: All juniors & seniors

Dates: Spring term

Location: 55 Hanson Place, Brooklyn

Application Deadline: **January 4**

Links: <https://dhr.ny.gov/>

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

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/>

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

Museums, Art, Photography:

New: Open Art Space at MOMA for LGBTQ+ Teens (& Allies):

“The Museum of Modern Art welcomes all LGBTQ students & their allies to this ongoing remote art program, which includes creative art activities & relaxed socializing with your peers as you build community. At the next session, we will explore movement and meditative practices with guest artist **Kiyan Williams**, who works fluidly across sculpture, performance, video, and wall works.”

Link:

<https://www.moma.org/calendar/events/6034#:~:text=Open%20Art%20Space%20is%20a,shaped%20largely%20by%20your%20interestshttps://momateens.wufoo.com/forms/open-art-space-pn5lvu50x7wroe>

New: Cooper-Hewitt Student Design Challenge: All high school student artists & designers are invited to enter this contest (individually or in small teams) by submitting a design answer to the question they provide. Full competition rules and conditions, will be posted on the sites below by December 15, 2020. Winners will get to work with professional designers & experts on their chosen ideas. Check out the student resources below to help with the design process.

Eligible: All students

Application Deadline: **February 22** (Entry period opens January 5)

Links: <https://www.cooperhewitt.org/design-competition-design-challenge/>

<https://www.cooperhewitt.org/design-competition-how-to-enter/>

<https://www.cooperhewitt.org/design-competition-teacher-and-student-resources/>

The **Brooklyn Museum’s Gallery/Studio Program** offers a virtual art course Drawing and Painting: American Refresh (Portfolio Development). “Each week offers a new opportunity to learn a new technique or material, discuss a work of art with your peers, and work on your own creative expression... This course also focuses on portfolio development. All levels of experience are welcomed.”

Eligible: All Students

Dates: **January 10 – February 7** (Sundays 1:00-3:00pm)

Location: Virtual

Application Deadline: First come, first served

Cost: \$145; scholarships available on first come, first served basis

Links: https://www.brooklynmuseum.org/education/art_classes/teen

<https://www.showclix.com/event/gsp-winter-2021/listing>

Museum of Arts & Design Recess Internships

“RECESS is a week-long, intensive internship program at the Museum of Arts and Design (MAD) and meets for two separate sessions during winter and spring school break. As a Recess Intern, you will learn about art and art history with other teens from around New York City. During RECESS I, teens will interview an artist for MAD's Artist studio program and create a podcast.

During RECESS II, teens go behind the scenes to develop your own tours, learn a bit about how museums work, and conduct peer-to-peer tours at MAD. Spring RECESS participants receive a weekly unlimited MetroCard and serve as a member of MAD’s teen council.”

Eligible: All students

Dates: Winter Recess: **February 16 – 19**; Spring Recess: **March 30 - April 2**

Application Deadline: **January 21**

Location: Winter Recess is digital; Spring Recess is at the Museum at 2 Columbus Circle, Manhattan

Cost: Free

Link:

https://docs.google.com/forms/d/e/1FAIpQLSfdDwwFwgWq8hUQ5LUmukBjDHIL8YaihP3S7Y-iD_wQN6I28Q/viewform

The **Fallingwater Institute** offers various virtual summer programs in which students can learn about architecture and design:

- **Virtual Summer Camp**
 - Drawing By Hand: Introduction to Architecture Drawing: “learn the basics of architectural drawing during group discussions, independent studio time, and individualized critique”
 - Portfolio Prep: “for students who are interested in studying design, architecture, and fine art at a collegiate level”
- **High School Residency**
 - **Studio 1:** “individual and collaborative projects, drawing, model-making exercises, and daily drawing sessions,” career exploration, and portfolio preparation
 - **Studio 2:** for juniors and seniors “preparing for admissions to an architecture, design, or art school”
 - **Drawing Intensive:** for 10th through 12th grade students “who are curious about a career in the visual arts, design or architecture and/or who want to improve their drawing skills”

For more information, contact Fallingwater Institute Program Manager Marie Woof at mwoof@paconserve.org.

Eligible: All Students

Dates: Various (**June 14 – August 20**)

Application Deadline: Rolling Basis

Cost: Various (\$250-\$1000, includes materials or residency)

Links: <https://fallingwater.org/virtual-summer-camps/>

<https://fallingwater.org/education/fallingwater-institute/high-school-residency-studio-1/>

<https://fallingwater.org/education/fallingwater-institute/high-school-residency-studio-2/>

<https://fallingwater.org/education/fallingwater-institute/high-school-residency-drawing-intensive/>

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>

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 curator or artist. As curators, participants will visit galleries and learn how to curate an exhibit. As artists, participants will create original artwork reflective of the theme to be showcased.

Eligible: All students

Dates: Spring term

Application Deadline: **January 18, 2021**

Cost: Free

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

https://24142c22njof2wmqie159sr5-wpengine.netdna-ssl.com/wp-content/uploads/2020/11/Teens-Curate-Teens_Curators-Application-Preview-2021.pdf

[*RETURN TO TOP*](#)

Parks/Nature:

The **Brooklyn Botanic Garden Apprentice Program** offers high school students a great opportunity to learn about careers in urban agriculture, botany, environmental studies, and public gardens. There is an **Information Session on Saturday, 12/5** to learn more about this nine-month, hands-on program. The program begins next spring, and can lead to further paid positions. Students may learn more by contacting: gap@bbg.org or at the links below

Eligible: All students in 9th, 10th, and 11th grades

Dates: March – November

Location: 990 Washington Avenue, Brooklyn

Application Deadline: **January 4**

Links: <https://www.bbg.org/learn/gap>

<https://fs20.formsite.com/bbg-forms/form37/index.html?1606792076495>

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>

[RETURN TO TOP](#)

Stem Opportunities:

Engineering/Math/Computer Science:

New: Two Free Polar Science Free International Natural Science Programs:

The three-week JSEP Program in Greenland takes place in late June and July, and

is open to current juniors who are American citizens. The two-week JASE Program is still pending and updates will be provided in the links below.

Eligible: All current juniors who are American citizens

Dates: June – July

Locations: Greenland & Antarctica (may change to remote)

Application Deadline: **January 31**

Cost: Free

Links:

<https://dickey.dartmouth.edu/arctic-environment/student-opportunities/us-high-school-students>

<https://dickey.dartmouth.edu/arctic-environment/jsep-and-jase>

<https://dickey.dartmouth.edu/arctic-environment/student-opportunities/high-school/jsep-application>

<https://dickey.dartmouth.edu/arctic-environment/jsep-jase/program-info/jase>

***New:* New York Academy of Science January STEM Camps**

“High school students are invited to sign up for one of our exciting new interactive virtual camps, taking place over two weeks from January 18 - 29, 2021. Each takes a deep dive into fascinating subjects such as genetic ancestry, fluorescent proteins, science communications, and more. They're all so cool, we think it'll be hard for you to choose! Registration opens next week—be on the lookout for updates via email and social media. In the meantime, for more information, email camps@nyas.org “

Eligible: All students – registration opens next week – Interested students may request more information from: camps@nyas.org

Dates: January 18 – January 29

Application Deadline: TBD

Cost: TBD

Links: email address: camps@nyas.org

New: Cooper-Hewitt Student Design Challenge: All high school student artists & designers are invited to enter this contest (individually or in small teams) by submitting a design answer to the question they provide. Full competition rules and conditions, will be posted on the sites below by December 15, 2020. Winners will get to work with professional designers & experts on their chosen ideas. Check out the student resources below to help with the design process.

Eligible: All students

Application Deadline: February 22 (Entry period opens January 5)

Links: <https://www.cooperhewitt.org/design-competition-design-challenge/>

<https://www.cooperhewitt.org/design-competition-how-to-enter/>

<https://www.cooperhewitt.org/design-competition-teacher-and-student-resources/>

Deadline Extended: 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 Apprentice 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

New Application Deadline: December 15

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

http://seap.asee.org/program_details

Deadline Approaching:

Math & Science Program for Minority Students at Phillips Academy

Economically-disadvantaged African-American, Latinx, and Native-American 9th graders are eligible to apply for the Math & Science Program for Minority Students at Phillips Academy in Andover, Massachusetts. This free sleepaway program runs for three summers, introducing participants to classes, research, and support in a variety of STEM fields.

Eligible: African-American, Latinx, and Native-American students

Dates: Summer 2021

Location: Andover, Massachusetts

Application Deadline: December 15

Cost: Free

Links: <https://www.andover.edu/about/outreach/ms2>

<https://www.andover.edu/about/outreach/ms2/ms2-apply>

***Deadline Approaching:* NASA Moon Pod Essay Contest:**

Imagine Leading a One-week Expedition on the Moon

“Consider what it might be like if you were living with a pod of astronauts 250,000 miles from Earth. Your challenge is to imagine leading a one-week expedition at the Moon’s South Pole – with the whole world cheering you on. Tell us (**300-word limit**) about the types of skills, attributes, and/or personality traits that you would want your Moon Pod crew to have and why. How many would be in your pod? And of course you’ll need high tech gear and gadgets! In your essay, also describe one machine, robot, or technology that you would leave on the lunar surface to help future astronauts explore the Moon.”

Eligible: All students

Application Deadline: **December 17**

Links:

https://www.futureengineers.org/artemismoonpodessay?utm_content=&utm_medium=email&utm_name=&utm_source=govdelivery&utm_term=

<https://festorage.blob.core.windows.net/artemismoonpodessay/files/artemismoonpodessay-DesignGuidelines.pdf>

The **Think MIT Scholars Program** research competition, which “invites students to submit project proposals are science, technology, and engineering ideas that span many fields, from green technologies and practical devices to software applications. As long as it can be completed in one semester with a \$1,000 budget, almost anything is fair game!”

The deadline for submitting ideas for projects is January 1 (students may submit the actual projects during the spring semester). Questions may be directed to: think@mit.edu

Eligible: All students

Dates: January – June, 2021

Application Deadline: **January 1** (for project ideas)

Link: <https://think.mit.edu/>

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>

The **MDI Biological Laboratory** offers summer research fellowships for students interested in developing scientific research skills. Fellows are supervised by a faculty mentor and work alongside undergraduate fellows, graduate students, postdoctoral fellows and research assistants, thereby gaining experience and perspective on scientific research careers. They will conduct an independent research project and present their findings at our annual Summer Science Symposium.”

Eligible: Students at least 16 years old as of June 21, 2021- Must be nominated by teacher or counselor.

Dates: **June 20 – August 7**

Location: Salisbury Cove, Maine

Application Deadlines: **January 8** (Teacher nomination);

February 5 (Student application)

Cost: Free (except for travel and laundry expenses)

Link: <https://mdibl.org/education/high-school-opportunities/hs-applications/>

The **Women’s Technology Project (WTP) at MIT** “is a virtual summer program for current female juniors that offers a track in either electrical engineering & computer science or mechanical engineering. This is a rigorous four-week summer academic where high school students explore engineering through hands-on classes, labs, and team-based projects.”

Eligible: Female juniors without substantial STEM backgrounds; focus is on applicants from under-represented & financially-disadvantaged backgrounds.

Dates: **June 26 – July 23** (Monday - Friday 10:00am-5:00pm)

Application Deadline: January 15

Cost: Free

Links: <http://wtp.mit.edu/>

<http://wtp.mit.edu/application.html>

<http://wtp.mit.edu/faq.html>

<http://wtp.mit.edu/calendar.html>

MIT 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.

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>

GOALS for Girls STEM Summer Intensive Program

The **Intrepid Museum** offers several **virtual information sessions** for its GOALS for Girls summer program. This free program introduces girls to STEM professionals, engages them in STEM activities, and teaches them about various SREM career pathways.

The information sessions will take prospective participants through the application process and program itinerary. Interested students should register at the link below.

Eligible: All Freshmen female students

Dates: January 30, February 3, March 6 (11:00am - 12:00pm)

Application Deadline: **Rolling Basis**

Cost: Free

Links: <https://www.intrepidmuseum.org/education/goals-for-girls>

<https://www.intrepidmuseum.org/education/teen-events>

<https://docs.google.com/forms/d/e/1FAIpQLSdx2sQIV0q9mJ85Zc5oN5msr73Ag00TVfleBPO2-JAMSiJv5A/viewform>

The **Massachusetts Institute of Technology MOSTEC Program** is a six-month experience which includes summer online courses, a five-day conference with other participants & MIT staff, and a fall online enrichment series of events with MIT faculty & researchers.

Eligibility: Current juniors; Some preference is given to under-represented groups, but all may apply

Dates: June – November 2021

Location: MIT

Application Deadline: February 1

Cost: Free

Links: <https://oeop.mit.edu/programs/mostec/program-details>

<https://oeop.mit.edu/programs/mostec/who-should-apply>

<https://oeop.mit.edu/programs/mostec>

<http://summerapp.mit.edu/>

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**

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

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

MoMath’s Expansions Program is a “gifted program to engage and challenge New York City’s brightest math students.” Icosahedron, the high school track, is taught by International Math Olympiad participant and trainer, Paul Zeitz. Learn more below:

Eligible: All Students

Dates: January – May (for 10 Sundays)

Location: Virtual

Application Deadline: Rolling Basis

Cost: \$850; need based scholarships available

Links: <https://momath.org/home/expansions/>

<https://momath.org/home/icosahedron/#What>

<https://momath.org/civicrm/?page=CiviCRM&q=civicrm%2Fevent%2Fregister&id=3163&reset=1>

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

Eligible: Current sophomores & juniors

Dates: **June 28 – August 13**

Location: NYU Tandon School of Engineering, Brooklyn

Application Deadline: **March 1**

Cost: Free

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

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

The **Summer Science Program** is a residential enrichment program where students perform research as a team. There are four campuses hosting programs in either **Astrophysics or in Biochemistry**. Learn more below: Lessons, lab sessions,

guest lectures, and field trips to help students develop an understanding of experimental science.

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

Dates: Summer 2021

Location: TBA

Application Deadline: **March 5** (Application opens December 15)

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

Links: <https://summerscience.org/>

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

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

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

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/>

The **Program in Mathematics for Young Scientists** is a six week summer program designed to encourage students to explore the world of mathematics. In addition to regular program activities, there weekly lectures and social gatherings. Students will have access to a community of undergraduate counselors and senior mathematicians. Learn more below:

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

Dates: Summer 2021

Location: TBA

Application Deadline: **TBA**

Cost: TBA (around \$5,000 for tuition, room and board); full and partial need based financial aid available

Links: <https://promys.org/home>

<https://promys.org/about-promys>

<https://promys.org/program>

<https://promys.org/program/applications>

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

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/>

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

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-steven-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

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.

<p>MoMath at a Glance</p>	
<p>Ongoing</p>	<p>New! Slice of Pi — a monthly social club for tweens and teens who love math</p> <p>Alternative Perspective in <i>Composite</i>, the gallery at MoMath — a groundbreaking new show, available virtually! (featuring free admission)</p> <p>Field Trips: virtual visits to MoMath for students and educators!</p>

	<p><i>Mind-Benders for the Quarantined!</i>, weekly mathematical puzzles from MoMath's puzzle master, Dr. Peter Winkler</p>
	<p><i>MoMath Online: Student Sessions</i>, educator-led sessions for pre-K to 12 students exploring math from home</p>
	<p><i>MathPlay</i>, the preschool program at MoMath</p>
Apply now	<p><i>Expansions</i>, the gifted program at MoMath for students in first grade through high school</p>
	<p><i>Steven H. Strogatz Prize for Math Communication</i> — for students 15 to 18 years old</p>
	<p><i>MOVES 2021, Mathematics of Various Entertaining Subjects</i> — submit an abstract or activity for MoMath's fifth biennial conference</p>
Fri, Dec 11	<p><i>Folding Fridays</i> — learn to fold unique origami designs</p>
Fri, Dec 11	<p><i>Family Fridays</i>: "Are We There Yet?" with Ralph Pantozzi</p>
Sat, Dec 12	<p><i>Krazy Kahoot</i> fast-paced family quiz game with Steve Sherman</p>
Mon, Dec 14	<p><i>Magical Mind-Boggle with Mark Mitton</i>, a members-only event</p>
Thu, Dec 17	<p><i>Meet a Mathematician</i> featuring Sarah Koch (free to members!)</p>
Thu, Dec 17	<p><i>Meet the Artist</i> featuring Anton Bakker</p>
Fri, Dec 18	<p><i>Folding Fridays</i> — learn to fold unique origami designs</p>
Fri, Dec 18	<p><i>Equilibrium</i>, MoMath's adult evening of mathematical games</p>

Sat, Dec 19	<u>Global Perspective: Math, Art, and Architecture Around the World</u> , a unique augmented reality experience
Sun, Dec 20	<u>Tween Primes</u> , the MoMath book club for teens and tweens: <i>The Parrot's Theorem</i> by Denis Guedj
Sun, Dec 20	<u>Unlimited</u> , MoMath's mix-n-mingle program for students in middle and high school
Tue, Dec 22	<u>QED: Homework Help... for Parents!</u>
Mon, Dec 28 to Thu, Dec 31	<u>Online MoMath Mini-Camp</u> , featuring <i>Cubing with a Twist</i> and <i>Structuring Patterns</i>
Wed, Jan 6	<u>Math Encounters</u> : "Life in Curved Space: From Magnifying Glasses to General Relativity" with Steve Trettel
Thu, Jan 7	<u>Ask a Mathematician — Anything!</u> with Alex Kontorovich
Fri, Jan 8	<u>Folding Fridays</u> — learn to fold unique origami designs
Sat, Jan 9	<u>Krazy Kahoot</u> , a fast-paced family quiz game with Steve Sherman
Fri, Jan 15	<u>Folding Fridays</u> — learn to fold unique origami designs
Fri, Jan 15	<u>Equilibrium</u> , MoMath's adult evening of mathematical games

Sun, Jan 17	<u><i>Tween Primes</i></u> , the MoMath book club for teens and tweens: <i>Code Talker: A Novel About the Navajo Marines of World War Two</i> by Joseph Bruchac
Sun, Jan 17	<u><i>Unlimited</i></u> , MoMath's mix-n-mingle program for students in middle and high school
Tue, Jan 19	<u><i>Loving Math</i></u> , a wild and crazy story hour for the little ones, with Steve Sherman
Wed, Jan 20	<u><i>Math Gym</i></u> , a workout for your brain
Thu, Jan 21	<u><i>Meet a Mathematician</i></u> featuring Lisa Piccirillo
Fri, Jan 22	<u><i>Folding Fridays</i></u> — learn to fold unique origami designs
Mon, Jan 25	Mini-course with Alex Kontorovich begins! Registration opens soon
Tue, Jan 26	<u><i>OED: Homework Help... for Parents!</i></u>
Fri, Jan 29	<u><i>Folding Fridays</i></u> — learn to fold unique origami designs
Tues, Feb 23	<u><i>2021 MoMath Masters Tournament</i></u> with special guest appearances from chess grandmaster and former World Chess Champion Garry Kasparov, <i>New York Times</i> crossword puzzle editor Will Shortz, comedian Roy Wood Jr., magician Mark Mitton, and jazz saxophonist Marcus Miller
Thu, Mar 18	<u><i>2021 Con Edison MoMathlon</i></u> online middle school math tournament

<p>Aug 8 to 10, 2021</p>	<p>MOVES 2021, Mathematics of Various Entertaining Subjects — MoMath's fifth biennial conference</p>
--------------------------------------------	----------------------------------------------------------------------------------------------------------------------

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

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://ssep.libguides.com/VirtualFieldTrips/9-12>

Three Tech/Science Lists:

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

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

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

Links: <https://www.nasa.gov/audience/forstudents/current-opps-index.html>
https://www.nasa.gov/audience/forstudents/9-12/index.html#.UtAyv_vAG2k

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

Link: <http://theconnectory.org/>

Medical/Life Sciences

New: The **Perry Outreach Medical Initiative** invites all female students to participate in one of their upcoming free one-day virtual conferences focused on **orthopedic medicine, science, and engineering.**

“The Perry 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** and are filled first come first serve, so don't delay!

Eligible: All female students

Dates: January 9, 13, 23, 30: Limited Capacity – First come, first served.

Application Deadline: December 28

Cost: Free

Links: <https://perryinitiative.org/pve/>

<https://perryinitiative.org/event/perry-virtual-experience-010921/>

<https://perryinitiative.org/more-about-the-perry-outreach-program/>

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

New: S-Prep SAT Prep Class

This is a Columbia University Medical School-sponsored preparatory virtual course for students with an interest in medicine & related STEM-fields.

Participants also learn about career & college admissions planning. It is focused on students from under-represented or low-income backgrounds, but all may apply.

Eligible: Focus on low-income & under-represented students, but all may apply

Dates: February 6 – May 15

Application Deadline: January 8

Links: https://cumc.columbia.edu/qualtrics.com/jfe/form/SV_41kpt2s0pCwNPWB

<https://www.ps.columbia.edu/education/academic-programs/additional-educational-opportunities/summer-youth-programs/middle-high-school-students/state-pre-college-enrichment-program-s-prep/how-apply>

New: 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://cumc.co1.qualtrics.com/CP/File.php?F=F_5BCtrBfN1w8HgA5
<https://www.coloradomd.org/courses/pre-med/virtual-shadowing-nano-course-emergency-medicine/>

Deadline Approaching:

American College of Cardiology Young Scholars Program

“The Young Scholars program aims to provide promising young students with an introduction to the field of cardiology and strengthen the pipeline of talent for the future.

Stuyvesant juniors & seniors may take part in the Young Scholars Program's virtual meetings and online conversations. Interested students should apply by December 1, 2020, for a chance to get a firsthand look at a life in cardiovascular medicine and the challenges faced by researchers and health care professionals caring for patients with a variety of cardiovascular diseases!”

Eligible: All current juniors and seniors

Dates: March – June, 2021

New Application Deadline: **December 15**

Cost: Free

Links:

https://www.acc.org/membership/sections-and-councils/academic-cardiology-section/young-scholars-program?CID=mvweb_ehc
<https://accmembership.wufoo.com/forms/m1rs0lt50egxeb4/>

Event Approaching: NYC Youth Exploring offers many free programs to familiarize students (grades 9-12) with a variety of career experiences. Participants can interact with leading professionals in this field. They are offering an upcoming session with **Lenox Hill Hospital** to introduce students to potential careers in healthcare.

Eligible: All students

Dates: **December 17** (6:00pm)

Application Deadlines: Rolling Basis

Cost: Free

Links:

https://scoutingevent.com/Download/64069095/OR/Lenox_Hill_Hospital_Fall_2020.pdf

<https://www.nyexploring.org/calendar>

<https://www.nyexploring>

The **MDI Biological Laboratory** offers summer research fellowships for students interested in developing scientific research skills. “Fellows are supervised by a faculty mentor and work alongside undergraduate fellows, graduate students, postdoctoral fellows and research assistants, thereby gaining experience and perspective on scientific research careers. They will conduct an independent research project and present their findings at our annual Summer Science Symposium.”

Eligible: Students at least 16 years old as of June 21, 2021

Dates: Summer 2021

Location: Salisbury Cove, Maine

Application Deadlines: **January 8** (Teacher nomination);

February 5 (Student application)

Cost: Free (except for travel and laundry expenses)

Link: <https://mdibl.org/education/high-school-opportunities/hs-applications/>

Biomedical Engineering Innovations Online Course

“This Johns Hopkins University Biomedical Engineering Innovation is a fully online course that introduces biomedical engineering to high school students by (1) modeling biological systems and designing experiments to test those models and (2) introducing engineering principles to solve design problems that are biological, physiological, and/or medical.

Students will model human efficiency and the cardiovascular system. Students are expected to use the informational content being taught in math, physics and biology and to apply this knowledge to the solution of practical problems encountered in biomedical engineering.

You will learn about Biomedical Engineering from experts in the field through lectures, assignments, and hands-on design projects.”

Eligible: Preference to juniors & seniors, and 10th-graders who have completed Algebra II

Dates: January 25 – April 23, 2021

Application Deadline: Rolling basis

Cost: Approximately \$3,300 – some financial aid may be available

Link: <https://ei.jhu.edu/biomedical-online/>

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 Summer Science Research 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**

Cost: Free

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

<https://sopstudentapplication.rockefeller.edu/>

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:* 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 watch. Tonight's (12/11) event features comedian/writer Nikki Palumbo!

Eligible: All students

Dates: Friday evenings (6:00 – 7:30pm)

Application Deadline: Rolling Basis

Cost: Free

Link: <https://www.girlswritenow.org/programs/salons/>

***Deadline Approaching:* Wingspan Arts: Arts Online!**

Wingspan Arts is launching a virtual program for students this fall. There are a variety of classes to select from: Playwriting, Stop Motion Animation, Acting Styles & Scenic Study, Acting for the Camera, Cosplay, and Shakespeare Club. Classes meet virtually during after school hours.

Eligible: All students

Dates: September – November

Application Deadline: **Tuesday, December 15**

Cost: Various (financial aid and discounts available)

Links: <https://wingspanarts.org/arts-online/>

<https://wingspanarts.org/wp-content/uploads/2020/09/Fall-Cons-Brochure-v-2.pdf>

<https://campscui.active.com/orgs/WingspanArts?orglink=camps-registration>

Deadline Approaching:

The Lucille Lortel Theater High School Playwriting Fellowship Contest

Students may submit an original short (ten minutes in length) one-act play.

Winners will have a staged reading of their play, mentoring from theater professionals, certificate of recognition, and more.

Eligible: All students

Application Deadline: **December 18**

Link: <https://www.lortel.org/hspf>

Free summer arts classes: The **Summer Arts Institute** is a free Department of Education-sponsored four-week summer arts program for all high school students, with instruction in music, dance, theater, photography, and more. More information to come.

Eligible: All students – Register now to be notified when the application opens

Dates: TBA

Location: TBA

Application Deadline: February 2

Cost: Free

Link:

<https://tuhs.nyc/summer-arts-institute-2020-deadline-february-2-2020/>

<https://www.cvent.com/surveys/Welcome.aspx?s=d8f0a8fe-7fd4-4fa2-b8f5-4aea673e4bf0>

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 **Neighborhood Playhouse Junior School** offers various programs. Their **Saturday Program** Group C offers various courses covering acting (scene study), musical theater, dance, audition drills, and more. 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: Saturday Program: Session 1: **January 11 – April 4**

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

Location: Virtual (Spring semester)

Application Deadlines: **Rolling Basis** (for Saturday Programs);

May 15 (for Summer Program)

Cost: Various: (Plus \$50 application fee)

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

<http://www.playhousejuniors.com/group-c-8th---high-school.html>

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

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

<http://www.playhousejuniors.com/saturday-application.html>

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

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: Applications will open in January

Cost: Free

Link:

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

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**

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

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>

The **World of 7 Billion Student Video Contest** welcomes short video entries from all students. This year's challenge is to create a short video – up to 60 seconds – about human population growth that highlights one of the following global challenges: Promoting Environmental Justice, Strengthening Global Health, Re-Imagining Industrial Systems. All videos must include:

- a) how population growth impacts the issue
- b) at least one idea for a sustainable solution

The top prize for students is \$1,200.

Eligible: All students

Application Deadline: February 25

Links: <https://www.worldof7billion.org/student-video-contest/>

<https://www.worldof7billion.org/get-started-students/>

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>

[*RETURN TO TOP*](#)

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>

Virtual Field Trips

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

Eligible: All students

Dates: Ongoing

Cost: Free

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

[RETURN TO TOP](#)

Scholarships:

Deadline Approaching: 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=2fcf0e0bf1#intro

https://www.scienceambassadorscholarship.org/?mc_cid=4ac875f05b&mc_eid=2fcf0e0bf1#faq

Deadline Approaching: 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>

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

The **Coolidge Scholarship** welcomes applications for their full, four-year college scholarship for students with an interest in public policy and demonstrated service/leadership experience. The application deadline is January 20, 2021. Learn more and apply at:

Eligible: All Juniors

Application Deadline: **January 20**

Links: <https://coolidgescholars.org/about/>

<https://coolidgescholars.org/about/faq/>

<https://coolidgescholars.org/apply/>

The Point Foundation offers generous scholarships to seniors with strong academic records and financial need who have worked to support the LGBTQ community.

The application deadline is **January 25**; learn more and apply at:

<https://www.pointfoundation.org/point-apply/apply-now/>

All juniors and seniors may apply to the **Bank of America Student Leadership Summer Program**, which provides a paid 8-week summer community service internship, along with a one-week July leadership conference in Washington D.C.

Eligible: All Juniors & Seniors

Application Deadline: **January 29**

Links:

https://about.bankofamerica.com/en-us/what-guides-us/student-leaders.html#fbid=rOfX_Q7aOgM

https://www.cybergrants.com/pls/cybergrants/quiz.display_question?x_gm_id=1499&x_quiz_id=5082

<https://about.bankofamerica.com/en-us/global-impact/student-leaders-program-faq.html#fbid=ThDSEzsCtOW>

[RETURN TO TOP](#)

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**