

Stuyvesant Student Opportunity Bulletin #13S

December 2, 2022

Please note that in this “**Short**” version of the Student Opportunity Bulletin, only the *New* and *Deadline Approaching* opportunities in each category are included.

For the list of **all** the opportunities in each category, you may click & open the “**Long**” version of the Student Opportunity document you received.

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

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

In this week's ACADEMICS section, there are numerous free spring term CUNY College Now courses for current 11th and 12th graders (and, in some cases, 10th graders as well – interested sophomores may contact Harvey Blumm to learn more). These include classes in Psychology, Public Health, Sociology, and other fields. CUNY also offers a number of free spring **STEM Research Academy** programs at various

campuses; these are available to current sophomores and juniors. Many have fast-approaching December deadlines (**Baruch College's program deadlines are today!**) – students should move quickly if interested.

In the STEM section, the **Ace Mentor Engineering/Architecture/Construction** program still has some open spots. It is open to all, and student participants work in teams with local companies and professionals, and receive a valuable “hands-on” introduction to these fields.

Events of Interest to Students:

New: Events Approaching: IEEE STEM Summit Week Events

“IEEE TryEngineering aims to empower educators to foster the next generation of engineers and technology innovators. The site provides educators, students, parents, and volunteers with pre-university resources to help engage and inspire the next generation of STEM professionals.

Eligible: Everyone

Dates: December 6 – December 10

Location: Virtual

Application Deadline: Rolling Basis

Cost: Free

Links: https://stem-summit.tryengineering.org/?utm_source=tryeorg&utm_medium=email_20221201&utm_campaign=PECC_button
<https://hopin.com/events/ieee-stem-summit-2022-e410ea87-e7fc-4922-9579-d5ae637db852>

***New:* Transition & College Access Centers Youth Mentoring Career Series**

“The Transition and College Access Centers (TCAC) offers experiences that will foster students’ academic, social, emotional, and vocational excellence and facilitate multiple pathways to graduation and post-secondary success through student-centered learning opportunities.” This event series features panels on Careers in Art, Architecture, Engineering, Careers in Tech, and more.”

Eligible: All students

Dates: **December 14**, January 4, February 1, and more

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Link: <https://www.eventbrite.com/o/transition-amp-college-access-centers-17343168270>

***Event Today:* Met Museum Teen Fridays**

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

Eligible: All students

Dates: **December 2**, and every subsequent Friday (4:30 – 6:30 pm)

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

Cost: Free

Application Deadline: **Rolling Basis**

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

Event Today: ReelWorks Film School Fridays

“Looking to work on or promote your film? Reel Works Film School Fridays connect young filmmakers with peer mentors and craftspeople in the entertainment industry. Come sharpen your skills with us and receive tutoring support in editing, cinematography, storytelling, screenwriting, sound, lighting, and film festival submission tips!”

Eligible: All students

Dates: **December 2**, December 16, and other Fridays (4:30 – 6:30 pm)

Location: TBD

Cost: Free

Application Deadline: **Rolling Basis**

Links: <https://www.reelworks.org/afterschool>

<https://reelworks.typeform.com/FilmSchoolFri>

Event Today: Whitney Museum Open Studio for Teens

“Grab your friends and get creative! New York City teens are invited to a free drop-in art making program at the Whitney on most Fridays. Bring your works-in-progress or create something entirely new. Supplies and refreshments are provided and no previous art experience is required—everyone is welcome.”

Eligible: All students

Dates: **December 2** & 9 (4 – 6 pm)

Location: 99 Gansevoort Street, Manhattan (Floor 3)

Cost: Free

Application Deadline: **Rolling Basis**

Links: <https://whitney.org/events/open-studio-for-teens-nov-dec-22>
https://visit.whitney.org/Tickets/ItemList.aspx?node_id=957122

Event Today: Teens Art Connection - Pizza and a Movie (PaaM)

“As a PaaM teen you will eat delicious pizza on us and decide what movie to watch with a vote. Each month PaaM hosts present a new theme with a menu of 3 mystery movies. Movie titles aren’t revealed until movie night. Connect with other NYC teens, learn behind the scenes movie facts and share your reactions in real- time. Post movie, join the talk-back to explore themes in the movie.”

Eligible: All students who are at least 14 years old

Dates: **December 2**, January 6, February 3, March 3, April 7, and the first Friday of subsequent months from 5 – 8 pm

Location: 53rd Street Library, 18 West 53rd Street, Manhattan

Cost: Free

Application Deadline: **Rolling Basis**

Link: <https://teens.artsconnection.org/paam/#1527535916402-da035c50-e48b967d-911a>

Event Approaching: Believe and Inspire Personal Prep Workshop Series

Believe & Inspire is offering four virtual workshops on topics such as interviews, time management, and managing credit & bank accounts. Sessions are from 4pm – 5pm over Zoom.

Eligible: All students

Dates: Using Credit Wisely: **December 7** (4pm – 5pm)

How are Your Time Management & Organizational Skills? **December 8** (4pm – 5pm)

Location: Virtual

Cost: Free

Link:

https://docs.google.com/forms/d/e/1FAIpQLSem4-_DwAWdr6h1d20kjopRxHvN7y6qC3g3X39WQCD0gNI51A/viewform

Event Approaching: The New York Academy of Sciences Career Paths 2023 Virtual Series

“Science Alliance will offer eight virtual webinars focusing on diverse career paths that graduate and postdoctoral fellows can transition into. Each webinar will feature panelists who have transitioned into these respective career paths and also the opportunity to network with them. The goal of this series is to:

- Increase awareness of the career options for graduate and postdoctoral fellows
- Approaches individuals can take to transition into these career tracks
- Personal journeys of panelists
- Culture of these careers and how the panelists overcame challenges and failures

The webinars include Start-Ups, Science Policy, Science Public Relations, Intellectual Property & Patent Law, Consulting, Data Analysis.”

Eligible: All students

Dates: **December 7**, February 16, March 8, April 12, May 3

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Link: <https://events.nyas.org/event/220609fc-caf9-4692-a825-167bc3cdb0bb/summary>

Event Approaching: SUNY Information Sessions

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

programs, and more. For example, there is a virtual How to Apply to SUNY workshop on December 7, and a virtual FAFSA Completion Workshop on December 13.

Eligible: All students & parents

Dates: **December 7**, December 13 & various future dates

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

Cost: Free

Links: <https://www.suny.edu/attend/events/>

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

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

Deadline Approaching: Entry Level Blues: The Highs and Lows of Starting Your Writing and Publishing Career

“If you’ve ever been interested in the book publishing world or simply love books, Kate Gavino’s graphic novel, “A Career in Books”, gives you an insider look into how turning your passion into a career –whether as a writer, an editor, or a bookworm– comes with complicated baggage. The author will discuss how her own publishing experiences inspired the graphic novel, as well as how she continues her relationship with the industry, as a reader, author, and former cubicle-dweller in the editorial department.”

Eligible: All students

Date: **December 9** (6:00 - 7:15 pm)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Link: <https://girlswritenow.org/event/dec9salon/>

Event Approaching: Kode with Klossy Code-a-bration

“On December 10th, Kode With Klossy will be bringing a BRAND NEW learning experience to New York City: our inaugural code-a-bration!!

Over the course of a single day, students will learn to code an app using Swift, present their project, hear from amazing mentors, play party games, and celebrate the power of code!” No coding experience is required.

Eligible: Female, gender nonconforming, and trans students

Date: **December 10** (9 am — 5 pm)

Location: Manhattan, NYC

Application Deadline: **ASAP: Tickets are first-come-first-serve**

Cost: Free

Links: <https://www.kodewithklossy.com/code-a-bration>

<https://mailchi.mp/kodewithklossy.com/code-a-bration-6518343?e=0538279bb4>

Event Approaching: XSTEM All Access Virtual Interactive Speaker Series

“X-STEM All Access is a free virtual conference series designed to get students excited about STEM. Students will get an inside look into the exciting careers and inspiring personal journeys of diverse STEM role models through a lively Q&A session with a fellow STEM professional. The 30-minute max episodes will premiere throughout the school year and will be available on-demand to fit in your schedule.”

Eligible: All students

Date: **December 14** (episodes premiere at 1 pm but are available on-demand afterward)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Links: <https://usasciencefestival.org/x-stem-all-access-2022/>

<https://usasciencefestival.org/x-stem-all-access-register-2022/>

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[Academic Programs:](#)

Updated: [Inspirit AI Scholars Sessions](#)

“AI Scholars Live Online is a 10-session (25-hour) program that exposes high school students to fundamental AI concepts and guides them to build a mentor-led socially impactful AI project. Students will explore applications, create foundational AI concepts, and develop AI programming skills before developing a Social Good project. The program also includes college and career preparation workshops, to prepare for top-ranked CS/AI programs and pursue ventures or careers in AI. After the program, students gain access to an online platform for continuous learning, including additional projects in a variety of domains. No programming or computer science experience is required. Advanced cohorts are available for students with prior programming experience.”

Eligible: All Students

Dates: Spring Session: Mid-January to Late March;

Summer Session: Early June - Early August

Location: Virtual

Cost: \$1,100 (Spring & Summer)

Application Deadline: **December 15** (Spring Session), **February 15** (Summer Session)

Links: <https://www.inspiritai.com/liveonline>

<https://inspiritai.typeform.com/to/yq7A18WT>

New: [Baruch College Spring Term ‘STEP’ STEM Program](#)

“The Science and Technology Entry Program (STEP) at Baruch College is a state-funded innovative pre-college enrichment program for talented and motivated under-represented or economically disadvantaged students. Sample topics covered include Psychology, Coding, and Bioethics, along with SAT Prep, college prep advice, and more.”

Eligible: All African American, Hispanic/Latino, Alaskan Native or American Indian and economically disadvantaged White or Asian middle and high school students.

Dates: January 28 – April 20

Location: In-person or Virtual (55 Lexington Avenue, Manhattan)

Application Deadline: January 1, 2023

Cost: Free

Links: <https://step.baruch.cuny.edu/>
<https://step.baruch.cuny.edu/how-to-apply/>

Upcoming Classes Approaching: Genspace Classes

“At Genspace, various classes are offered, including Sculpting with Mycelium, Synthetic Biology 101, Sunset Park Wide Open: Biology Lab as Studio, and the Biohacker Bootcamp. No science background is necessary to take these classes.”

Eligible: All students: Youth ages 13-16 may attend classes **with** parent supervision; parents wishing to participate *with* their child should purchase an adult ticket for themselves and a student ticket for their child. Youth ages 16+ may attend classes **without** parent supervision.

Dates: Various (ongoing through November)

Locations: Hybrid: Virtual, and 132 32 Street, Brooklyn + other locations

Cost: Various

Application Deadline: Rolling Basis

Links: <https://www.genspace.org/classes#>
<https://www.genspace.org/frequently-asked-questions>

Deadlines Approaching: College Now Spring Programs & Courses

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

1- Baruch College

Eligible: Juniors and seniors

Dates: January 25 – May 23

Location: Hybrid (at Baruch College, 55 Lexington Ave, Manhattan)

Examples of Courses Offered: Cultural Anthropology, Business Fundamentals, Personal Finance, Critical Health Issues, Journalistic Writing, Psychology

Application Deadline: **December 2**

Links: <https://collegenow.baruch.cuny.edu/>
https://baruch.az1.qualtrics.com/jfe/form/SV_1ztIH02Yk52djjU

2 – Hunter College

Eligible: Sophomores, juniors, and seniors

Dates: January 25 – May

Location: 695 Park Ave, Manhattan

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

Application Deadline: **December 9**

Links: <https://www.hunter.cuny.edu/college-now/How%20to%20Apply>
https://orapp.hunter.cuny.edu/ords/f?p=194:LOGIN_DESKTOP:16822813786408

3 – BMCC

Eligible: Juniors and seniors

Dates: January 28 - May 26

Location: Virtual

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

Application Deadline: **December 16**

Links: <https://www.bmcc.cuny.edu/academics/success-programs/college-now/>
<https://bmccprodstroac.blob.core.windows.net/uploads/2022/11/College-Now-Spring-2023-Application.pdf>

4 - College of Staten Island

Eligible: Juniors & seniors

Dates: January 28 – May 20

Location: Virtual or Hybrid (at 2800 Victory Blvd, Staten Island)

Examples of Courses Offered: Introduction to College Level Writing, Introduction to Probability and Statistics, Psychology, The American Legal System, Sociology

Application Deadline: **Rolling Basis** (first-come, first-serve)

Links:

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

List of Spring 2023 College Now Courses:

<https://docs.google.com/document/d/1AJSVEYZX2kYAaAaw8Hi1Y519qoeOt7AB/edit?usp=sharing&ouid=101556942762799823370&rtpof=true&sd=true>

Deadline Today:

CUNY STEM Research Academy

“The CUNY STEM Research Academy Program at campuses throughout the city offers a **free** pre-college course designed to build students’ basic research skills. A select group of participants will receive the opportunity to continue with a six-week summer research experience with the guidance of CUNY research faculty and a **monetary stipend.**” The application deadlines, program times, and research opportunities vary for each individual campus - students should explore their options and apply ASAP.

1- Baruch College

Eligible: Sophomores and juniors with an average GPA of 80

Dates: Spring semester (January 25 – May 23) & Summer internship (optional)

Location: Hybrid (In-person location at Baruch College, 55 Lexington Ave, Manhattan)

Examples of Research Opportunities: Organizational Psychology, Plant Science, Fly Genetics

Application Deadline: December 2

Links: <https://collegenow.baruch.cuny.edu/wp-content/uploads/sites/31/2022/10/Spring-2023-STEM-RA-Flyer.pdf>
https://baruch.az1.qualtrics.com/jfe/form/SV_eamgEjGtL6mLCho

List of Spring 2023 CUNY STEM Research Academies:

https://docs.google.com/document/d/1tzBMFLaPXeD_TBbf24PcTokrB5WHUFh9/edit?usp=sharing&ouid=101556942762799823370&rtpof=true&sd=true

***Deadline Approaching:* Cornell University Precollege Winter Session**

“Taking a winter course is an excellent opportunity to delve into a topic in depth, explore a potential major, or earn credits before the spring semester. Choose from courses in arts and architecture, business and hospitality, health and humanities, international relations, science and technology, social change, veterinary medicine, and more.”

Eligible: Sophomores, juniors, and seniors

Dates: January 3 – 20, 2023

Location: Virtual

Cost: \$1,680/credit hour (financial aid offered)

Application Deadline: **December 5**

Links: <https://sce.cornell.edu/precollege/program/online>

<https://sce.cornell.edu/precollege/admission/online/fall-winter-spring>

Columbia University Spring & Summer Pre-College Programs:

***1-Deadline Approaching:* Columbia University Spring Weekend Remote Courses**

All students are invited to apply for weekend classes in a wide variety of fields, including Creative Writing, Psychology, Science, Medicine, and more.

Eligible: All students

Dates: January 21 – March 26, 2023

Application Deadline: **December 6**

Location: Virtual

Cost: \$2,700 per course

Links: <https://precollege.sps.columbia.edu/highschool/academic-yearimmersion/admissions>

<https://precollege.sps.columbia.edu/highschool/academic-year-immersion/frequently-askedquestions>

2-Columbia University Pre-College Summer Immersion Program

“Enroll in an intensive pre-college course, designed to challenge and engage high-achieving students in a supportive environment. Choose from over 70 courses in a dozen subject areas, study alongside a cohort of like-minded students from all over the world, experience college life while discovering one of the world's great cities, and attend college success events to prepare for the academic rigors of university life. Students earn a Columbia University Certification of Participation and an instructor evaluation upon completion of the program.”

Eligible: All Students

Dates: June 26 - July 14, July 18 - August 4, **OR** August 7 - August 11

Location: In-Person at Columbia University, NY 10027

Cost: \$2,825 - \$12,449 (Need-Based Scholarships Available)

Application Deadline: **February 3** (Early Registration) & **March 3** (Final)

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

https://precollege.sps.columbia.edu/highschool/summer-immersion-new-york-city?utm_source=Email&utm_medium=Internal&utm_campaign=PREC_SU23_App-Open&utm_term=SHGEN1&utm_content=Precollege

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Business & Jobs

Updated: Whatever It Takes Business Classes

“Whatever It Takes is a social entrepreneurship & leadership program for high school students. Participants work together to create projects to improve their communities, fine-tune their leadership skills, and develop effective business models to succeed in their goals. They get the chance to develop their social skills, deepen their empathy, increase their self-awareness, understand the value of self-regulation, and more. Upon completion of the course, students can earn between two to six college credits from UCSD. There are three classes available: one for teens kicking off their entrepreneurial journey, one for teens who wants to launch a movement/business that makes an impact + money, and one for teens who have a business and want to increase press + brand awareness.

Eligible: All students

Dates: Various

Location: Virtual

Application Deadline: ASAP

Cost: \$800 and up – Some financial aid is available

Link: <https://www.doingwit.org/classes>

New: INVESTIN New Year Career Guide

“The Guide provides exclusive insights on how students can succeed in their careers after school, including advice on how to find the right career, build resilience and use creativity in the workplace.”

Link: https://investin.org/blogs/news/the-investin-new-year-career-guide?utm_source=US+SCHOOLS+MASTER&utm_campaign=a1a7c5da97-bankersschoolmar_COPY_04&utm_medium=email&utm_term=0_8bff0ae415-a1a7c5da97-137735383&mc_cid=a1a7c5da97&mc_eid=100ce0f176

NYC Exploring Career Introduction Sessions: M&T Bank + Neuman’s Kitchen

“NYC Exploring uses in-person & virtual weekly or bi-weekly after-school sessions to introduce students to a wide variety of careers. Their next business session with **M& T Bank** (at 350 Park Avenue in Manhattan) is on **12/4**, and, for the food industry, with **Neuman’s Kitchen** (next session on 1/24/23 on Zoom). There is also an upcoming session with **Bellevue Hospital** in Manhattan (12/7).

Other programs include ongoing sessions with the **Brooklyn and Queens District Attorney** offices, for students interested in the legal profession. For example, the Kings County (Bklyn.) program (next session: 12/15) gives students an inside look at the variety of careers within the office. The next Queens DA sessions are set for 12/13 and 12/27.

LaGuardia Airport has a 12/15 session in aeronautical management. And **Lenox Hill Hospital** in Manhattan invites students with an interest in medicine to their 12/15 event.

Eligible: All students

Dates: November - December

Application Deadline: **ASAP**

Locations: Various

Cost: Free

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

<https://nyexploring.org/about-us/>

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

https://scoutingevent.com/Download/640102824/OR/Neumans_Kitchen_Fall_2022.pdf

https://scoutingevent.com/Download/640102823/OR/MT_Bank_Fall_2022.pdf

<https://scoutingevent.com/?OrgKey=BSA640&calendarID=384663>

Deadline Approaching: Breakthrough New York Paid Tutoring Internship

“Breakthrough New York is a non-profit organization here in NYC that helps prepare 7th -grade students from low-income households to get into and graduate from competitive high schools and colleges. They are now recruiting Spring 2023 After School Tutors, who will be compensated at a rate of **\$15/hour** for their work.”

Eligible: Current juniors and seniors

Dates: January 18 – April 26

Locations: Bronx Site: All Hallows High School (111 E 164th St, Bronx),
Brooklyn Site: Liberty Avenue Middle School (350 Linwood Street, Brooklyn),
Manhattan Site: The Town School (540 East 76th Street)

Application Deadline: **December 4**

Links: <https://btny.pinpointhq.com/en/jobs/72920>
<https://btny.pinpointhq.com/>

Endless Frontiers Lab Youth Ambassador Program

“Endless Frontier Labs invites high school students interested in the intersections of entrepreneurship, technology, and/or science-based innovation to apply for our 2022-2023 Young Ambassadors cohort! During the EFL Young Ambassadors experience, students will have the opportunity to shadow world-renowned scientists, CEOs, and business leaders and observe their meetings with startup founders in the Endless Frontier Labs startup program.

Students will be admitted on a rolling basis. If admitted, students will attend at least one (1) EFL Meeting Day. The EFL program will be operating in a hybrid model this year. In-person and virtual meeting days are indicated below.” If you have any questions, please contact info@endlessfrontierlabs.com

Eligible: All students

Dates: TBD

Location: Various

Application Deadline: ASAP

Cost: Free

Links: <https://endlessfrontierlabs.com/young-ambassadors/>
https://docs.google.com/forms/d/e/1FAIpQLSciL0PaVR22DwxKlpBo0EJHMDKz6h9q3x12ej4UiTaFJvhU_Q/viewform

Information Session Approaching: InvestIn Summer Career Experiences

“Our Summer Experiences offer the ultimate, 360-degree experience of professional life. Students will undertake immersive work experience activities in top industry sites across London. Available career explorations include: Medicine, Engineering, Investment Banking, Law, Psychology, Architecture, Art, Dentistry, Entrepreneurship, Fashion, Filmmaking, Forensic Science, International Development, Journalism, Politics, Software Engineering, Vet, Video Game Design, and Writing. **There will be a Q&A session on December 6.**

Eligible: All students

Dates: Various; informational webinar on **December 6**

Location: In-person in London (and other areas) or Virtual

Application Deadline: Rolling Basis

Cost: Various, depending on number of days

Links: https://investin.org/collections/young-summer-experiences-2023?filter.p.m.product_filters.age=Ages+15-18

December 6 Q&A webinar: https://us02web.zoom.us/webinar/register/WN_GxuZ3PUcRfu73PdLUCdqHA

Event Approaching: Success Beyond School Sessions for Parents

“We are delighted to announce the first events in our Success Beyond School series for this academic year. These are live online seminars featuring career experts,

designed to help parents amplify their children's career potential. The events are for parents of students aged 12-18 and are free to attend.”

Eligible: All parents

Date: Succeeding in Psychology: **December 7**

Location: Virtual

Cost: Free

Link: <https://investin.org/pages/parent-events>

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Community Service

List of Current Volunteer Tutoring Opportunities:

https://docs.google.com/document/d/1ifjZ3YmpKNumjptM4_r5rbd_HGahaaSw/edit?usp=sharing&oid=101556942762799823370&rtpof=true&sd=true

Scientific Minds of America Leadership & Volunteering Opportunity

“Scientific Minds of America (SMOA) is a nationwide nonprofit organization founded to address educational inequity by connecting committed high-school scholars with elementary and middle school students primarily through online tutoring. SMOA is seeking officers, with spots in the Management, Tutoring, Communications, and Marketing divisions. Students can gain valuable leadership experience, manage and improve a national nonprofit, and potentially advance into executive positions. SMOA is also seeking volunteer tutors who can commit at least 1-2 hours per week to tutoring. As a tutor, you will be able to choose the subjects you teach, schedule, and grade range. Participants are eligible for volunteer hours.”

Eligible: All Students

Dates: TBD

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Links: <https://www.smoa.us/>

<https://docs.google.com/forms/d/e/1FAIpQLSf39hFN0EPqe4KkgekHm5ayA8zqHQaMs7ivOS0K5ZKfJPKOUg/viewform>

<https://docs.google.com/forms/d/e/1FAIpQLSf0EaGbuFmYmCch4-lnzJ411kbnl82holNkuRB8Nos-0N6TXQ/viewform>

Robotics for All Volunteer Tutor & Business Support Internships

“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. Qualified students are welcome to serve as volunteer teachers. They are also seeking business development, technical, and marketing interns.”

Eligible: All students

Dates: Various

Location: Virtual

Application Deadline: **Rolling Basis**

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

<https://www.roboticsforall.net/internships.html>

VISIONS Intergenerational Program for the Blind/Visually Impaired

“VISIONS Intergenerational Program at VISIONS Center on Aging, our older adult center in Manhattan, recruits and trains volunteer high school students to assist older

adults who are visually impaired or blind in their homes, and at the center. The youth provide escort and assistance with reading, shopping, socialization and technology.

Learn more by contacting Jose Gil at: 646-486-4444, ext. 233, or at

jgil@visionsvcb.org.”

Eligible: All students

Dates: Fall term

Location: 135 West 23 Street, Manhattan

Cost: Free

Application Deadline: **Rolling Basis**

Links: <https://www.visionsvcb.org/get-involved/volunteering/volunteering-highschool-students/>

https://docs.google.com/forms/d/e/1FAIpQLSfcfehK1qzxV82-cwZyMI4KaGcDDAVM_ThUhy3NLxbaTHR1Gg/formResponse

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[Leadership/College Prep/Government/Law/Cultural/Programs](#)

New: **[Seeds of Fortune Scholars Program](#)**

“We are a non-profit organization that seeks to financially empower young women of color by helping them make better financial decisions starting with college. We help them to apply to college scholarships, teach financial literacy, and professional development skills.”

This program includes a 10 Day Summer College Prep Boot Camp, Research Project mentored by Yale Women in Economics and guest Yale professors, \$2000

Scholarship to cover the cost of a four-day visit to Yale, Scholarship/College application help, Interview Prep, and Business Plan Competition.

Eligible: Current female juniors of color with household incomes less than \$125,000

Dates: 10 month support program (meets monthly)

Location: Virtual and at Yale

Application Deadline: **December 31 and January 17 (earlier applications are given priority)**

Cost: Free

Link: <https://www.seedsoffortune.org/apply>

New: Programs at Columbia's Double Discovery Center

“Established in 1965, DDC provides low-income and first-generation college-bound community youth and families with a comprehensive set of services to support young people’s college readiness.

Our Academic Enrichment activities provide students with exciting project-based classes across the humanities, STEM, and the arts.

Through our College & Career Success work, students are immersed in small group and individual sessions that increase their capacity for college access & persistence and that facilitates their career exploration & development.

Consequently, our Healthy Minds & Bodies efforts are designed to develop students’ dispositions and skills for resilience and persistence as well as to build their capacity to nurture their physical and mental well-being so that they can overcome challenges in their quest to, through, and beyond college.”

Eligible: Low-income, first generation students who live in Harlem and Washington Heights

Dates: Various

Location: Double Discovery Center @ Columbia University (2920 Broadway, MC 2604))

Application Deadlines: January 6

Cost: Free

Links: <https://ddc.college.columbia.edu/content/eligibility-0>
<https://ddc.college.columbia.edu/content/our-program-model>

Information Session Approaching:

Council on International Exchange (CIEE) Study Abroad Programs

CIEE offers a variety of programs for students to explore another culture and language in over 30 different countries. Through their **Summer Abroad, High School Abroad, and Gap Year Abroad** opportunities, students can “get fully immersed in the daily life of a local high school student far away from home,” “choose to focus on language learning, service and leadership, or content studies,” or “build the perfect pre-college experience and immerse oneself in a new language and culture”. They are offering **information sessions on December 7, 14, & 21 at 8 pm.**

Eligible: All students

Dates: Various

Locations: Various

Cost: Various (financial aid available)

Application Deadline: January 18, 2023 (summer session)

Links: <https://www.ciee.org/go-abroad/high-school-study-abroad>
<https://ciee.zoom.us/meeting/register/tZAuc-GqrD4oE9zHS9B3ZzG9b42BZU7h9MZx>
<https://www.ciee.org/go-abroad/high-school-study-abroad/summer/ciee-global-navigator-virtual-fair-lp>

Deadline Approaching: Thrive Scholars Core Program

“We provide high-achieving students of color from low-income communities the opportunities they need to thrive at top colleges and in meaningful careers. Our program offers six years of comprehensive support from high school to early career. We help our Scholars find “best fit” selective colleges and showcase their qualifications for admittance into these elite schools. Scholars receive expert college advising, intensive pre-college academic prep, social-emotional support, financial support, and career development.”

Eligible: Rising Seniors (Preference given to those who identify as students of color, first-generation, or are economically disadvantaged)

Dates: TBA

Location: TBA

Cost: Free

Application Deadline: **December 15**

Links: <https://www.thrivescholars.org/scholars/become-a-scholar/>

<https://www.thrivescholars.org/coreapplication/>

OTHER International Programs for High School Students

***Deadline Extended:* 1- Congress Bundestag Youth International Exchange Program (CBYX)**

“CBYX is a full scholarship exchange program that offers young Americans the opportunity to live with a German host family and attend high school in Germany for a year. CBYX aims to foster cultural understanding and diplomacy while also promoting the German and English languages. Participants are also encouraged to learn about the political systems of their host country. Become fluent in German, learn about another culture, and expand your horizons.”

Eligible: Students who are between the ages of 15 and 18.5 and U.S. citizens

Dates: 2023 – 2024 academic year

Location: Germany

Cost: Free

New Application Deadline: **December 8**

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

Deadline Approaching: 1- The 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 such as a winter seminar and monthly Zoom sessions.

Eligible: Current juniors who identify as Jewish & will be 16 by Summer 2023

Dates: June 26 – August 1

Location: Israel

Application Deadline: **December 5**

Cost: Free

Link: <https://bronfman.org/become-a-fellow/>

Deadline Approaching: 2- Kennedy-Lugar Youth Exchange and Study (YES)

Abroad Program

“Living with a host family and attending a local school, YES Abroad students promote mutual understanding between the United States and their host country by forming lasting relationships with the local community. Participants live with a host family, attend a local high school, acquire leadership skills, and engage in activities to learn about the host country’s society and values; they also help educate others about American society and values. Participating countries include Egypt, India, Indonesia, Malaysia, Morocco, Philippines, and more. All expenses are covered.” No prior language skills are necessary.

Eligible: Students who are between the ages of 15 and 18.5

Dates: 2023 – 2024 academic year

Locations: Various

Cost: Free

Application Deadline: **December 7**

Links: <https://www.yes-abroad.org/about/about-us>
<https://ais.americancouncils.org/cgi-bin/WebObjects/AIR.woa/wa/login?brand=highschoolstudyabroad>

4-AMIGOS Summer Program

“AMIGOS programs bring together young people from the U.S. and Latin America to collaborate on ethical service projects, learn from local experts, develop leadership skills, and build bridges across cultures. We ensure that AMIGOS students take part in the daily life of their host community as well as service projects that are community-led. Students are able to earn service hours. Available programs for Summer 2023 are Youth Entrepreneurship in Ecuador: Chimborazo, Indigenous Rights and Food Security in Ecuador: La Sierra, and Stewardship and Sustainable Harvests in Panama: Tierras Altas.”

Eligible: All students

Dates: Summer 2023

Location: Ecuador: Chimborazo, Ecuador: La Sierra, **OR** Panama: Tierras Altas

Cost: \$4,375 - \$5,875 (Financial Aid Available, Deadline: January 17)

Application Deadline: **April 18** (Session A), **May 9** (Session B)

Links: <https://amigosinternational.org/summer-programs/>
<https://amigosinternational.org/fees-financial-assistance/>

***Deadline Approaching:* Student Wellness Advocate**

“The DOE’s Office of School Wellness Programs is looking for high school students with untapped potential who want to improve citywide wellness policies. Student Wellness Advocates will help shape New York City’s vision for health and physical

education, physical activity, food and nutrition, and wellness-related programs in schools citywide! Participants will engage with city leaders to learn more about the DOE Citywide Wellness Policy and share ideas and experiences on how to make it stronger, more comprehensive, and more accessible. The first and last sessions may be in-person at a central meeting location; all other meetings will be conducted virtually. Learn more and apply via the link below (scroll down its list).

Eligible: All students

Dates: January – June 2023

Location: Hybrid: First & last sessions may be in-person

Application Deadline: **December 6**

Cost: Free

Links: <https://growingupnyc.cityofnewyork.us/generationnyc/ylc-application/>

Events Approaching: Believe and Inspire Personal Prep Workshop Series

Believe & Inspire is offering four virtual workshops on topics such as interviews, time management, and managing credit & bank accounts. Sessions are from 4pm – 5pm over Zoom.

Eligible: All students

Dates:

Using Credit Wisely: **December 7** (4 – 5pm)

How are Your Time Management & Organizational Skills?: **December 8** (4 – 5pm)

Location: Virtual

Cost: Free

Link:

https://docs.google.com/forms/d/e/1FAIpQLSem4-_DwAWdr6h1d20kjopRxHvN7y6qC3g3X39WQCD0gNI51A/viewform

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Museums, Art, Photography:

***New:* Museum of Arts and Design (MAD) Artslife Internship Program**

“In this elite summer internship that “combines art and design with leadership training, museum studies, and community engagement, participants are introduced to various careers at the museum: Curatorial, Education, Development, and more. Participants work on collaborative projects with Museum staff, local designers, and arts professionals who act as mentors. Interns are paid \$15 an hour and receive a free MetroCard.”

Eligible: Rising sophomores and juniors

Dates: July 11 – August 18, 2023

Location: 2 Columbus Circle, Manhattan

Cost: Free

Application Deadline: **April 23, 2023**

Links: <https://mادمuseum.org/programs/teen-programs-mad>

<https://forms.gle/dE5r5ZsdQNsEzpPc7>

***Deadline Today:* InvestIn Young Photographer Challenge**

“In honour of World Kindness Day, we invite students aged 12-18 to enter our competition, The Young Photographer Challenge. Students should submit a photograph they have taken of an act of kindness, along with a short caption explaining what is happening in the photo. Creativity is highly encouraged!

The competition is free to enter and for each submission we shall make a donation to Mind, the mental health charity.

The winner will receive a free place on one of our weekend career masterclass programs and all shortlisted entries will be shared on our social media channels.”

Eligible: All students

Location: Virtual submission

Application Deadline: **December 2**

Cost: Free

Link: <https://investin.org/blogs/news/world-kindness-days-investin-s-young-photographer-competition>

Event Today: Met Museum Teen Fridays

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

Eligible: All students

Dates: **December 2**, and every subsequent Friday (4:30 – 6:30 pm)

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

Cost: Free

Application Deadline: **Rolling Basis**

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

Event Today: Whitney Museum Open Studio for Teens

“Grab your friends and get creative! New York City teens are invited to a free drop-in art making program at the Whitney on most Fridays. Bring your works-in-progress or create something entirely new. Supplies and refreshments are provided and no previous art experience is required—everyone is welcome.”

Eligible: All students

Dates: **December 2** & 9 (4 – 6 pm)

Location: 99 Gansevoort Street, Manhattan (Floor 3)

Cost: Free

Application Deadline: **Rolling Basis**

Links: <https://whitney.org/events/open-studio-for-teens-nov-dec-22>
https://visit.whitney.org/Tickets/ItemList.aspx?node_id=957122

Event Approaching: Center for Architecture: Design Discovery Workshops

“The Design Discovery Fall 2022 series will focus on fundamental architectural design skills. Each workshop dives into a different core lesson that will help high school students explore their interest in architecture and hone a skill that will be helpful for portfolio development. These workshops are open to all levels of architecture and art experience. Attend all three sessions for an opportunity to round out all skills or just select the workshops that appeal most to you.”

Eligible: All Students

Date: **December 3**

Location: Virtual

Cost: \$75 - \$100

Application Deadlines: **Rolling Basis**

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

<https://www.centerforarchitecture.org/wp-content/uploads/sites/2/2022/08/Design-Discovery-Scholarship-Forms-SY-2022-23.pdf>

Event Approaching:

GuggTeens Conversations: Environmental Justice @ Guggenheim Museum

“GuggTeens Convos: Environmental Justice is a free session for NYC teens to come together to discuss the social justice issues that are important to them! Join us to meet other teens interested in environmental justice and the arts, PLUS you could WIN a gift card for sharing your art! This interdisciplinary program invites teens to imagine new possibilities for a more sustainable future through reflective art-making and in-gallery conversations around art, community, and social justice. Round-trip MTA cards and snacks are provided for every program participant. There are no prerequisites for this program and all teens are encouraged to apply (students who are new to museums or museum programming are especially encouraged to apply)! ”

Eligible: All Students

Date: December 15

Location: The Guggenheim Museum, 1071 5th Avenue, Manhattan

Cost: Free

Application Deadline: Rolling Basis

Link:

<https://docs.google.com/forms/d/e/1FAIpQLScQCkoRbsomMJM1zKLHOxg0Vf-oCm8gXifCaTPGkdjTL7ljcQ/viewform>

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Parks/Nature:

Deadline Approaching: Brooklyn Botanic Garden Apprentice Program (GAP)

“The Brooklyn Botanic Garden is now recruiting students for the 2023 Garden Apprentice Program (GAP). The Garden Apprentice Program (GAP) at Brooklyn Botanic Garden is a great way for teens to learn about urban agriculture and the environment while working in one of the most exciting public gardens in the world! Apprentices can work their way up the four-tier program.

BBG Garden Apprentices:

- Earn a monetary award at the end of the apprenticeship (Tier 1: \$600, Tier 2: \$700, Tier 3:\$800).
- Work their way up the program to become paid staff as a Tier 4.
- Learn about botany and environmentalism through hands-on lessons.
- Grow and harvest fruits, vegetables, and herbs in the Children’s Garden.
- Facilitate lessons to teach children about plants.
- Explore Brooklyn Botanic Garden’s amazing plant collections.
- Develop job skills, including teamwork, communication, and leadership.”

Eligible: Current freshmen, sophomores, and juniors

Dates: March – November 2023 (spring training, summer programming, and a weekly commitment throughout the spring and fall)

Location: 1000 Washington Avenue, Brooklyn

Application Deadline: **December 9**

Cost: \$50 for materials (scholarships available)

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

https://www.bbg.org/learn/garden_apprentice_program_application

Event Approaching: GuggTeens Conversations: Environmental Justice @

Guggenheim Museum

“GuggTeens Convos: Environmental Justice is a freesession for NYC teens to come together to discuss the social justice issues that are important to them! Join us to meet other teens interested in environmental justice and the arts, PLUS you could WIN a gift card for sharing your art! This interdisciplinary program invites teens to imagine new possibilities for a more sustainable future through reflective art-making and in-gallery conversations around art, community, and social justice. Round-trip MTA cards and snacks are provided for every program participant. There are no prerequisites for this program and all teens are encouraged to apply (students who are new to museums or museum programming are especially encouraged to apply)! ”

Eligible: All Students

Date: December 15

Location: The Guggenheim Museum, 1071 5th Avenue, Manhattan

Cost: Free

Application Deadline: Rolling Basis

Link:

<https://docs.google.com/forms/d/e/1FAIpQLScQCkoRbsomMJM1zKLHOxg0Vf-oCm8gXifCaTPGkdjTL7ljeQ/viewform>

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[STEM Opportunities:](#)

[Engineering/Math/Computer Science](#)

New: Events Approaching: [IEEE STEM Summit Week Events](#)

“IEEE TryEngineering aims to empower educators to foster the next generation of engineers and technology innovators. The site provides educators, students, parents,

and volunteers with pre-university resources to help engage and inspire the next generation of STEM professionals.

Eligible: Everyone

Dates: December 6 – December 10

Location: Virtual

Application Deadline: Rolling Basis

Cost: Free

Links: https://stem-summit.tryengineering.org/?utm_source=tryeorg&utm_medium=email_20221201&utm_campaign=PECC_button
<https://hopin.com/events/ieee-stem-summit-2022-e410ea87-e7fc-4922-9579-d5ae637db852>

New: Ace Mentor Engineering Program

Some spots are still available for this free after-school program, which introduces students to hands-on projects with professionals in the fields of engineering, architecture, and construction. Students work in teams on projects with real companies & organizations, and receive additional support with college admissions advice, career pathways, and more.

Eligible: All students

Dates: Various

Location: Various sites or Virtual

Application Deadline: ASAP

Cost: Free

Links: <https://www.acementorny.org/students/>

<https://www.acementorny.org/>

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

New: Baruch College Spring Term ‘STEP’ STEM Program

“The Science and Technology Entry Program (STEP) at Baruch College is a state-funded innovative pre-college enrichment program for talented and motivated underrepresented or economically disadvantaged students. Sample topics covered include Psychology, Coding, and Bioethics, along with SAT Prep, college prep advice, and more.”

Eligible: All African American, Hispanic/Latino, Alaskan Native or American Indian and economically disadvantaged White or Asian middle and high school students.

Dates: January 28 – April 20

Location: In-person or Virtual (55 Lexington Avenue, Manhattan)

Application Deadline: **January 1, 2023**

Cost: Free

Links: <https://step.baruch.cuny.edu/>

<https://step.baruch.cuny.edu/how-to-apply/>

New: STEMPREP Project @ The Distance Learning Center

“The Distance Learning Center (DLC) is a non-profit corporation whose mission is to increase the number of underrepresented minorities (African-Americans, Mexican-Americans, Native Americans, Native Hawaiians, and Mainland Puerto Ricans) in science, technology, engineering, math, and medicine (STEMM). In STEMPREP, students gain exposure to STEMM by working in STEMM-based labs during the

summer starting as early as the seventh grade and, based upon performance, are invited back each subsequent year through college.”

Eligible: All 7th through 10th grade students from under-represented minorities

Dates: 2nd or 3rd Saturday, June – 2nd Saturday, August (Eight Week Session)

Locations: Various

Cost: Free

Application Deadline: **January 15**

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

<http://thedistancelearningcenter.org/application-process/>

Updated: Inspirit AI Scholars Sessions

“AI Scholars Live Online is a 10-session (25-hour) program that exposes high school students to fundamental AI concepts and guides them to build a mentor-led socially impactful AI project. Students will explore applications, create foundational AI concepts, and develop AI programming skills before developing a Social Good project. The program also includes college and career preparation workshops, to prepare for top-ranked CS/AI programs and pursue ventures or careers in AI. After the program, students gain access to an online platform for continuous learning, including additional projects in a variety of domains. No programming or computer science experience is required. Advanced cohorts are available for students with prior programming experience.”

Eligible: All Students

Dates: Spring Session: Mid-January to Late March;

Summer Session: Early June - Early August

Location: Virtual

Cost: \$1,100 (Spring & Summer)

Application Deadline: **December 15** (Spring Session), **February 15** (Summer Session)

Links: <https://www.inspiritai.com/liveonline>

<https://inspiritai.typeform.com/to/yq7A18WT>

***Deadline Approaching:* Endless Frontier Labs Youth Ambassador Program**

“Endless Frontier Labs invites high school students interested in the intersections of entrepreneurship, technology, and/or science-based innovation to apply for our 2022-2023 Young Ambassadors cohort! During the EFL Young Ambassadors experience, students will have the opportunity to shadow world-renowned scientists, CEOs, and business leaders and observe their meetings with startup founders in the Endless Frontier Labs startup program.

Students will be admitted on a rolling basis. If admitted, students will attend at least one (1) EFL Meeting Day. The EFL program will be operating in a hybrid model this year. In-person and virtual meeting days are indicated below.” If you have any questions, please contact info@endlessfrontierlabs.com

Eligible: All students

Dates: TBD

Location: Various

Application Deadline: ASAP

Cost: Free

Links: <https://endlessfrontierlabs.com/young-ambassadors/>
https://docs.google.com/forms/d/e/1FAIpQLSciL0PaVR22DwxKlpBo0EJHMDKz6h9q3xI2ej4UiTaFJvhU_Q/viewform

***Deadline Approaching:* Cooper Union STEM Saturdays – Implementing VR Elements in Real World Settings**

“STEM Saturday Students develop design, engineering and entrepreneurial skills as they create "Technology for Good" to solve a current or emerging problem or opportunity for their community. This year students will develop assets or objects for AR/VR/XR applications using computer aided-design (CAD), design community based applications using a human-centered engineering design process, and collaborate on world-building in VR to solve problems within The Cooper Union and

New York City communities. Students will also work on developing their engineering network and planning for college and career through workshops with Cooper Union staff and alumni and engineering professionals from technology and engineering companies. Each session ends with a celebration and student showcase highlighting progress made towards developing skills and addressing community needs.”

Eligible: Freshmen, sophomores, and juniors (priority to underrepresented groups)

Dates: January 14, 21, 28, February 4, 11, 25, March 4 & 11, 2023 (10 am – 4 pm)

Location: 41 Cooper Square

Cost: Free (materials, lunch and snacks, and MetroCard provided)

Application Deadline: **December 9**

Link: <https://cooper.edu/engineering/stem/saturdays>

Event Approaching: Kode with Klossy Code-a-bration

“On December 10th, Kode With Klossy will be bringing a BRAND NEW learning experience to New York City: our inaugural code-a-bration!!

Over the course of a single day, students will learn to code an app using Swift, present their project, hear from amazing mentors, play party games, and celebrate the power of code!” No coding experience is required.

Eligible: Female, gender nonconforming, and trans students

Date: **December 10** (9 am — 5 pm)

Location: Manhattan, NYC

Application Deadline: ASAP: Tickets are first-come-first-serve

Cost: Free

Links: <https://www.kodewithklossy.com/code-a-bration>

<https://mailchi.mp/kodewithklossy.com/code-a-bration-6518343?e=0538279bb4>

Future Engineers Challenges

“Future Engineers hosts online innovation challenges for K-12 students. In 2014, Future Engineers launched its inaugural 3D printing in space challenge, which produced historic achievements including the first student-designed 3D print in space. Subsequently, Future Engineers launched a multi-challenge platform in 2018 capable of hosting STEAM challenges of all kinds. All challenges are free for student/classroom participation.”

1- We Heart Veterans Pin Design

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

Eligible: All students

***Application Deadline:* December 14**

***Link:* <https://www.futureengineers.org/weheartveterans>**

2- Power to Explore

“Your challenge is first to research Radioisotope Power Systems (RPS) and dream up a new RPS-powered mission. RPS is a type of nuclear "battery" that, for over 60 years, has enabled many spacecraft to explore some of the harshest, darkest environments, and farthest reaches of our solar system. Three national finalists in each grade category (9 finalists total) will receive a virtual session with a NASA RPS expert. One grand prize winner from each grade category (3 grand prize winners in total) will receive a trip for two to NASA’s Glenn Research Center in Cleveland, Ohio, to learn about the people and technologies that power NASA missions.”

Eligible: All students

***Application Deadline:* January 17**

***Link:* <https://www.futureengineers.org/powertoexplore>**

NYU Courant GSTEM Online Data Science Course

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

Eligible: Current juniors & seniors with necessary academic prerequisites

Dates: January 31 - April 25 (Tuesdays, 7:00 - 8:30 PM EST)

Location: Virtual

Cost: \$2,000 (Need-Based Financial Aid Available)

Application Deadline: **December 15**

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

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

Museum of Mathematics Programs & Volunteer Opportunities:

Check the link below to access many of MoMath’s programs (some are being offered for **free or at a reduced rate** for those in need) — please visit individual event pages for more information.

<https://docs.google.com/document/d/14K4k648hMcqeRlqdSiz87JPjSfaNK47Y/edit?usp=sharing&oid=101556942762799823370&rtpof=true&sd=true98llszQe/edit?usp=sharing&oid=115396606750532126369&rtpof=true&sd=true>

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Medical/Life Sciences

New: Asia America Career Connection (AACC) Summer Program

“Our shadowing programs are designed to help you not only to understand the realities of life as a doctor, or a nurse and to help you to create the knowledge you need when you apply to medical school, nursing school, or dental school, but also to better understand global healthcare systems and services. The program includes 40+ hours of small group lectures & discussions and student hands-on experiences with mentors and experienced doctors. Participants are able to select departments, including internal medicine, general surgery, neurology, pediatrics, cardiology, oncology, public health, Chinese medicine, and more. Participants can learn from premed & medical school students, pursue healthcare-related careers, gain professional experience and teamwork skills through group presentations, build up a healthcare career portfolio, and more. The program includes complimentary classes such as Tai Chi, Tea meditation, and more cultural and exploratory opportunities for on-site participants.”

Eligible: All Students

Dates: July 7 - 30 (Virtual) **OR** June 25 - July 9 (In-Person)

Location: Virtual or In-Person in Guangzhou, China or Qingdao, China

Cost: \$749 (Virtual), \$2,998 (In-Person)

Application Deadline: May 26

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

<https://shadowinchina.org/2019/07/online-program-2020/>

<https://shadowinchina.org/schedules/>

New: Genspace Biorocket Research Internship Program

“The Biorocket Program is a spring term after-school hands-on science program and summer research internship that gives students an opportunity to learn the latest advances in genetic engineering and biology laboratory skills. Teens will have access

to scientific mentors, behind-the-scenes lab tours and field trips, and improv training for science communication skills at Genspace, a community biology lab in Brooklyn. Students will also earn a **\$2,000 stipend** and get career guidance and tour other research labs and biotech companies.”

Eligible: All students who are at least 16 years old (underrepresented groups strongly encouraged)

Dates: 2 days/week from February-May afterschool & 20-25 hours/week for 7 weeks from July-August

Location: Genspace Lab - 132 32nd Street, Brooklyn

Cost: Free

Application Deadline: **January 11, 2023**

Links: <https://www.genspace.org/biorocket>

<https://docs.google.com/forms/d/e/1FAIpQLSc6LeDSOquzTAJP3LuaNnQAsm4XOc1kYc-avcCjnQoGUHXodw/viewform>

Event Approaching: BraiNY Bunch Neuroscience Journal Club

“The BraiNY Bunch Journal Club is an open, virtual meeting to discuss scientific papers co-presented by two students (high school juniors or seniors) who are mentored by a graduate student, postdoc, or research staff. The BraiNY Bunch will provide attendees with the opportunity to learn about different areas of neuroscience through careful reading and discussion of scientific findings. Join to hear the presentation and to participate in discussion and Q&A.”

Eligible: All students

Dates: **December 4**, and the first Sundays of the subsequent months from 12–1 pm

Location: Virtual

Application Deadline: **Rolling Basis**

Cost: Free

Links: <https://www.comebebrainy.com/brainy-bunch>

https://docs.google.com/forms/d/e/1FAIpQLSeS5_Yb4MtXi5QBxQIZNIUds9NdZTbSneufmh6bEo-893T8IA/viewform

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Theater/Writing/Music/Video:

***New:* Kenyon Review Young Writers Winter Online Workshops**

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

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

Cost: \$655 due January 9. \$250 cancellation fee before January 12. Financial aid available.

Location: Virtual

Application Deadline: **December 15**

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

***New:* Bolshoi Ballet Academy Summer Intensive Program Auditions**

“Bolshoi Ballet Academy Summer Intensives in NY provide a unique opportunity to train with the Bolshoi Ballet Academy's Master Teachers. The program offers pre-professional ballet training through class instruction, a final performance, and other related activities. BBASI NY is designed to ensure that students achieve maximum individual progress with a focus on clarity of technique, strength, and musicality. The Program’s overall environment is non-competitive and teamwork is emphasized.”

Eligible: All students

Dates: January 7 (in-person audition), January 15 (virtual), and February 11 (virtual)

Location: In-person (Marymount Manhattan College 221 East 71st Street, Manhattan) and virtual options available

Cost: \$40 (in-person audition fee) or \$45 (virtual and video audition fee)

Application Deadline: **Rolling Basis**

Link: <https://www.bolshoiballetacademy.com/auditions>

New: Youth Communication Writing Contest

“Youth Communication is sponsoring a writing contest for young people. Every three months, we will highlight five recent articles and ask readers to write a response to the author of a story. Tell them how you related to their story, what lessons you learned, or other ways the story impacted you. We will choose three winners with prizes of \$150 (1st prize), \$75 (2nd prize), and \$50 (3rd prize.)”

Eligible: All students who are at least 14 years old

Application Deadline: **January 6, 2023**

Link: <https://youthcomm.org/teen-writing-contest/>

New: Spinning Bubbles Dance Program

“Spinning Bubbles is an all-girls free virtual dance program. Get dance supplies including leotards, dance shoes, costumes, leggings, and many more items in addition

to dance classes from November 27 – February 22 in the winter session and April 3 – July 17 in the spring session. We also have an awards ceremony at the end presented by well-known dancers. Explore cultures through dance styles like Flamenco, Bollywood, capoeira, jazz, ballet, hip-hop, folk dancing, and gymnastics, among a multitude of other styles!”

Eligible: All female students

Dates: November 27 – February 22 (winter) OR April 3 – July 17 (spring)

Location: Virtual

Cost: Free

Application Deadline: Rolling Basis

Links: <http://bit.ly/spinning-bubbles-3>

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

<https://bit.ly/spinning-bubbles>

Deadlines Extended/Approaching: Tisch Spring Future Artists Program

“The Future Artists Program offers art workshops about dance, drama, recorded music, photography, filmmaking, dramatic writing, cinema studies, recorded music, theater, and game design, with the mission of providing free arts education to qualifying students. This program is for individuals traditionally underrepresented in the media industry. Students accepted to the program spend 14 Saturdays at NYU Tisch School of the Arts in Greenwich Village, Manhattan from 9am-6pm participating in practical, hands-on training Recorded Music, or Theatre. Admission requirements include an application and an interview. Learn more and apply o.”

Eligible: Freshmen, sophomores, and juniors: All may apply, the focus is on those traditionally underrepresented in the media industry

Dates: February 4 – May 14 (Saturdays from 9 am – 6 pm)

Location: NYU Tisch, 721 Broadway, Manhattan

Cost: Free

Application Deadlines: Various/ASAP

Links: <https://tisch.nyu.edu/future-artist/programs>

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

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

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

Eligible: All students

Application Deadline: December 7

Link: <https://www.artandwriting.org/regions/NY001A>

***Event Approaching:* Entry Level Blues: The Highs and Lows of Starting Your Writing and Publishing Career**

“If you’ve ever been interested in the book publishing world or simply love books, Kate Gavino’s graphic novel, A Career in Books, gives you an insider look into how turning your passion into a career –whether as a writer, an editor, or a bookworm– comes with complicated baggage. The author will discuss how her own publishing experiences inspired the graphic novel, as well as how she continues her relationship with the industry, as a reader, author, and former cubicle-dweller in the editorial department.”

Eligible: All students

Date: December 9 (6 - 7:15 pm)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Link: <https://girlswritenow.org/event/dec9salon/>

Human Rights Essay Contest

The Kemper Foundation invites all students to submit essay entries on the following topic:

“Respect for human rights seems to be eroding in many countries. Do you agree? If so, provide examples and explain what you think is the major cause of the problem and how it should be addressed? If you disagree, explain the reason you disagree.”

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

Eligible: All students

Application Deadline: **December 10**

Link: <https://khref.org/essay-contests-for-high-school-students/>

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Contests & Competitions:

New: Youth Communication Writing Contest

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or other ways the story impacted you. We will choose three winners with prizes of \$150 (1st prize), \$75 (2nd prize), and \$50 (3rd prize.)”

Eligible: All students who are at least 14 years old

Application Deadline: January 6, 2023

Link: <https://youthcomm.org/teen-writing-contest/>

Deadline Today: InvestIn Young Photographer Challenge

“In honor of World Kindness Day, we invite students aged 12-18 to enter our competition, The Young Photographer Challenge. Students should submit a photograph they have taken of an act of kindness, along with a short caption explaining what is happening in the photo. Creativity is highly encouraged!

The competition is free to enter and for each submission we shall make a donation to Mind, the mental health charity.

The winner will receive a free place on one of our weekend career masterclass programs and all shortlisted entries will be shared on our social media channels.”

Eligible: All students

Location: Virtual submission

Application Deadline: December 2

Cost: Free

Link: <https://investin.org/blogs/news/world-kindness-days-investin-s-young-photographer-competition>

Deadline Approaching: The Scholastic Art & Writing Awards Program

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Writing work for a chance at recognition, publication, exhibition, prize money, and more.”

Eligible: All students

Application Deadline: **December 7**

Link: <https://www.artandwriting.org/regions/NY001A>

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Opportunity Lists and Resources:

New York Public Library (NYPL) College and Career Pathways:

“Whether you're looking for college guidance, career readiness, or adulting skills, The New York Public Library's College and Career Pathways program is here to help!”

Learn more at the link below.

<https://www.nypl.org/education/teens/college-career-pathways>

Class Central

“Class Central has a great listing of free online Ivy League courses from Brown, Columbia, Cornell, Dartmouth, Harvard, Penn, Princeton, and Yale. There are over 500 courses to consider. Topics range from computer science and engineering to music and history.”

Eligible: All students

Dates: Self-paced

Location: Virtual

Cost: Free

Link: <https://www.classcentral.com/>

HippoCampus

“The free, open-source HippoCampus website provides multimedia resources for high school and college students. Explore lessons on topics ranging from DNA to the chemical and physical properties of solutions to kinetic theory and thermodynamics. HippoCampus includes presentations and videos in several subject areas, including biology, statistics, calculus, environmental science, physics, and algebra. The website also offers algebra and calculus lessons in Spanish.”

Eligible: All students

Dates: Self-paced

Location: Virtual

Cost: Free

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

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/azlist/index.shtml>

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Scholarships:

Science Ambassador Scholarship

Funded by Cards Against Humanity, the Science Ambassador Scholarship offers a full tuition scholarship for a woman in science, technology, engineering, or math. Film a three-minute educational video of yourself explaining a STEM topic you're passionate about to be submitted.

Eligible: Current female seniors interested in STEM majors

Application Deadline: **December 13**

Links: <https://www.scienceambassadorscholarship.org/>

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

Jeffrey Ahn, Jr. Fellowship

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

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

Application Deadline: **December 20**

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

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

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

<http://jobsearch.about.com/od/resumesandcoverletters/l/blhighschool2.htm>

<http://jobsearch.about.com/od/resumetemplates/a/templatehs.htm>

If you are selected for or enroll in any of the above opportunities, please inform

Mr. Blumm ASAP at: hblumm@stuy.edu

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

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