Stuyvesant Student Opportunity Bulletin #10S

November 13, 2020

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.

CATEGORY TABLE OF CONTENTS:

(**Download this entire PDF document** in order to use the following links to jump to your area(s) of interest)

In this week's edition, please note that there are new spots available in the Ace Mentor Engineering/Architecture/Construction program – Stuy students work with Port Authority professionals one afternoon a week; the application deadline is Monday, 11/16 (find it in the STEM section).

And, in the area of **Community Service**, a lower East Side/Chinatown non-profit welcomes Stuy student volunteers to help remotely with a variety of office tasks, or to work remotely with immigrant youth (in the Community Service section).

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: Event Approaching:

 Women Exploring Marine & Atmospheric Science Day
"An annual day of interactive science learning hosted by the University of Miami. On the day of the event the girls will virtually visit marine science laboratories, see first-hand ongoing research projects and interact with female scientists from a variety of different fields and backgrounds."
Eligible: All female students

Dates: **Saturday, November 14** (9:00am)

Application Deadline: **ASAP**

Cost: Free

Links: https://miami.zoom.us/webinar/register/WN_ausoZLTmQg-7L27jkDejPw

New: Event Approaching: **National Cybersecurity Career Awareness Week**

All students are welcome to learn about topics and careers in this innovative & important field.

Dates: **November 13-14**

Application Deadline: Rolling Basis

Cost: Free

Links:
https://www.nist.gov/itl/applied-cybersecurity/nice/events/national-cybersecurity-career-awareness-week

https://www.nist.gov/itl/applied-cybersecurity/nice/events/national-cybersecurity-career-awareness-week/events-and

New: **STEM Talk: Navigating the STEM Career Path**

"Join us for our upcoming STEM Talk: Navigating the STEM Career Path. Join Gilda Barabino (Olin College), Chelsey Roebuck (ELiTE Education), Faisal Hossein (Medidata) and Tahsina Saosun (NYSCI Explainer Alum) as they share inspiring stories and provide insight into how we can create an inclusive STEM workforce."

Eligible: All students

Dates: **Thursday, November 19** (5:00 – 6:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links:

https://docs.google.com/forms/d/e/1FAIpQLSeZK7IztsTy8Cxvcb8-RwR_jlQu5KYxqhoT5X7FymfPfWC4dQ/viewform

New: **Columbia University Social Sciences Research Workshops**

All students are welcome to watch ongoing 'Experimental Design Workshops' offered by Columbia-related researchers. Their upcoming sessions focus on the dynamics between race/ancestry and nationhood in European countries, and the role of local government decentralization in Ukraine.

Eligible: All students

Date: **November 20** (1:00 -2:30)

Application Deadline: Rolling Basis

Cost: Free

Link: https://incite.columbia.edu/upcoming-events/2020/03/05

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

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

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

Dates: **November 13 - 15**

Application Deadline: **ASAP**

Cost: Free

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

Event Approaching: **Brandeis Splash**

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

Eligible: All Students

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

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

Cost: Free

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

Event Approaching: **Intrepid Museum's STEM Virtual Mentorship Day**

"All students are invited to meet and chat with highlighted women in various STEM fields as they talk about their journeys in academia, career and their lives. From civil engineering, medical science, fashion, cybersecurity, marine science and more, come with an open mind, take a seat at the virtual table and be ready to join in the chat!"

Eligible: All female students

Dates: **Wednesday, November 18** (4:00 – 5:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links:
https://docs.google.com/forms/d/e/1FAIpQLSex_1f6Oyu0IOmzUKZaRDGMOBLiUxTXKfTgxKTwgFRoMjMbpA/viewform

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

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Academic Programs:

New: **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

Free Artificial Intelligence Academic Program

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

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

Eligible: All students

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

New Application Deadline: <u>Sunday, November 15</u>

Cost: **$900**

Links:
https://f.hubspotusercontent00.net/hubfs/6689404/InspiritAI_Brochure_WinterBreak%26Spring_US.pdf?utm_medium=email&_hsmi=97392939&_hsenc=p2ANqtz-_fJgiCRzwNy_EgcaPq0H78MbxT3b2ab13hQgtVFAeiZoekqb5F392KIAi-2K7Svqg9dNCt1DxEpzHM7IbWcRXKs-JrPQ&utm_content=97392939&utm_source=hs_email

https://docs.google.com/forms/d/e/1FAIpQLScFLhK9-MDh8Ctu-OaZeEpjS6NcJy7Ccskhxd81Iv0APldekQ/viewform?gxids=7628

 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/1Pz09qdhY6IIrLl8cGp9jfJFgfNMl2-92/view?usp=sharing

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

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

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Business & Jobs

New: **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

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Community Service

New: **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/1FAIpQLSeC8sVCJcExgmjtIQPlI1yEjqsJVwvoFa4cTWnNtWoZCvda_g/viewform

New: **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: **March 9 – May 1**

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

Cost: &995 – Financial aid available

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

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

New: 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: <u>**Rolling Basis**</u>

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

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

Eligible: All students

Dates: Fall 2020 – Spring 2021

Location: 136-19 41st Avenue, Flushing

Application Deadline: **ASAP**

Links: http://minkwon.org/

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

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/

Lemontree Volunteering Opportunity

Two highly flexible volunteering opportunities with Lemontree:

1) "In It Together is a volunteer matching service founded at the start of the pandemic that makes volunteering at food pantries, senior centers and soup kitchens easy, fun, fulfilling and safe. We'll work with you directly to match you with a volunteer project wherever you are and whenever you're available. In It Together sends out high-need projects to volunteers via text so registering for projects is quick and simple! It's that easy."

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

impact in getting the word out to those who need emergency food assistance most."

Eligible: All students

Dates: Various

Locations: Various

Application Deadline: Rolling Basis

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

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

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

Eligible: All students 14 and older

Dates: Various

Location: Various

Application Deadline: Rolling Basis

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

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

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

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

-After-School Tutors & Helpers

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

Eligible: All students

Dates: Fall term until December 17

Application Deadline: Rolling Basis

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

-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

Date: 2020-2021

Application Deadline: Rolling Basis

Link:
https://docs.google.com/forms/d/e/1FAIpQLSe4q_ttSqj6qw4hmQucStAUdolDBBT9uDNo3mdgnCDfYIYuhg/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

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

New: **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

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 of Open Art Space, we will explore and experiment with flash tattoo drawing with guest artist Helen Warren."

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

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

Eligible: All students

Dates: January - August

Application Deadlines: **November 13**

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

https://www.studiomuseum.org/teenleadershipcouncilapply

Event Approaching: **Whitney Museum Open Studio for Teens**

Students are invited to "a free art-making program on Zoom with Whitney educators. Each week, teens will experiment, create, and learn together with at-home art materials inspired by the Whitney's collection. Upcoming sessions focus on "Your NYC" and Reimagined Sculptures."

Eligible: All Students

Dates: **Fridays - November 13 & 20; December 4, 11** (4:00pm)

Application Deadline: **ASAP**

Cost: Free

Links:

https://whitney.zoom.us/meeting/register/tJYpfuGpqjIqEtZWxhyUzvsgYSLKmIj63qlP

https://whitney.zoom.us/meeting/register/tJYod-GgrTIiGNZ0LK-x-lcCHnUUfIPVVAqe

Eligible: All students

Dates: **Thursday, November 19** (4:00 pm)

Cost: Free

Application Deadline: Rolling Basis

Links: https://momateens.wufoo.com/forms/p1paonp31kckp41/
https://mail.google.com/mail/u/0/#inbox/FMfcgxwKjTNZLrHZGGFQxlLFdFLsDGjs?compose=DmwnWsTHqLFRShjvXnzBCvhjWGplcNSNfKfnqxFQZkPpvkKMJfJRXgNldGVVthVZJdxWHGwsblQG

Parks/Nature:

Event Approaching: **Fort Greene Park Leaf Clean-Up: 'Leaf No Trace'**
"Sign up to join us for our last big volunteer day of the season! We will be working together to clean up leaves all over the park. Rakes and other equipment will be available for all volunteers, including sanitizer, gloves, and PPE. Please bring your own water bottle. Participants are asked to stay for the entire shift. To maintain social distancing, small groups will meet in different locations within the park. You will receive your group location assignment after registration, ahead of the event."
Eligible: All students

Date: **Saturday, November 14** (10:00am – 1:00pm)

Location: Fort Greene Park, Brooklyn

Application Deadline: Rolling Basis

Link: https://docs.google.com/forms/d/1utwKKI5C5Y6oJzsI_Sh_uRFaPF-3HVwOc5yHt2ZOBXI/viewform?edit_requested=true&gxids=7628

Stem Opportunities:

Engineering/Math/Computer Science:

New: *Deadline Approaching:*

Engineering& Architecture Opportunity for all students:

The **Ace Mentor Program** provides students of all grades with 'real-world' internship opportunities in the fields of architecture, design, engineering, and construction. Students meet with professional mentors from the Port Authority of New York once a week after school until May, 2021. Participants help with real projects, and become eligible for scholarships later on. **Interested students must apply ASAP**: Students can sign-up for the Stuyvesant team (**Team 48**), which works with engineers and professionals from the Port Authority, by registering for Team 48 when following the steps below:

Click here - https://app.acementor.org/login
- If they are returning – log in with the email and password used last year
- If new click the purple "New Student" button
- Complete the 2020-2021 Program Year Application, including Consent Form

Students may sign up only after they register with Ace Mentor at the link above. For questions, you may send an email (ASAP) requesting more information to:

greaterny@acementor.org

Eligible: All students

Dates: Tuesday afternoons (4:00 – 5:00pm), from November – May;

Application Deadline: **Monday, November 16**

Cost: Free

Links: https://www.acementor.org/students/

Here is a description of the Stuyvesant/Port Authority Team 48:
Team #: 48

Day/Time of Meetings: Tuesdays 4pm-5pm.

Lead Company: *Port Authority of NY & NJ*

Team Leader(s): *Stephanie Costello, Michael Cheng, Chris Brandimarte*

Team Description: *The Port Authority of NY & NJ is responsible for every public transportation link between New York and New Jersey. Our mentors have expertise in world-class transportation infrastructure that is essential to economic growth and vitality. At the Port Authority of New York and New Jersey, we keep the region moving by air, land, rail, and sea, so that the people and businesses of our region continue to thrive. With engineering in our DNA, we are shaping the future of the region with groundbreaking yet practical facilities and systems built for the 21st century. Taking our agency's broad portfolio of projects into account, our goal is to cater to our ACE students' interests in what kind of infrastructure project they want to work on.*

New: Event Approaching: **TeenHacks Long Island**

"This 24-hour event Hackathon welcomes students with any level of coding/building knowledge. TeenHacks LI is Long Island's premier 24-hour hackathon where students can take part in group collaboration, interesting workshops, win prizes, and more. During the hackathon, students come together to engage in "collaborative coding," creating a project from beginning to end, as well as partake in small fun activities to pass time. ABSOLUTELY NO EXPERIENCE NECESSARY! There will be activities aside from coding— such as gaming tournaments (with prizes), minecraft, and kahoot— in which everyone can participate." (When filling out "How did you hear about us?" on the registration form, please select "Other" and type in "Stuy SOB"!)

Eligible: All students

Dates: **<u>Saturdays, November 14 and 21</u>**

Application Deadline: Rolling Basis

Cost: Free

Links: https://teenhacksli.com/

https://teenhacksli.com/Fall%202020%20Sponsorship%20Prospectus.pdf

New: Event Approaching: **National Cybersecurity Career Awareness Week**

All students are welcome to learn about topics and careers in this innovative & important field.

Dates: **November 13-14**

Application Deadline: Rolling Basis

Cost: Free

Links:
https://www.nist.gov/itl/applied-cybersecurity/nice/events/national-cybersecurity-career-awareness-week

https://www.nist.gov/itl/applied-cybersecurity/nice/events/national-cybersecurity-career-awareness-week/events-and

New: **STEM Talk: Navigating the STEM Career Path**

"Join us for our upcoming STEM Talk: Navigating the STEM Career Path. Join Gilda Barabino (Olin College), Chelsey Roebuck (ELiTE Education), Faisal Hossein (Medidata) and Tahsina Saosun (NYSCI Explainer Alum) as they share inspiring stories and provide insight into how we can create an inclusive STEM workforce."

Eligible: All students

Dates: **Thursday, November 19** (5:00 – 6:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links:
https://docs.google.com/forms/d/e/1FAIpQLSeZK7IztsTy8Cxvcb8-RwR_jlQu5KYxqhoT5X7FymfPfWC4dQ/viewform

New: 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

New: Virtual STEM Field Trips

"All students can choose from more than 100 free virtual field trips! Visit extraordinary people and places, remarkable events in history, and fascinating topics! From animals to aerospace, NYC's water supply to national parks, honeybees to hip-hop, presidential campaign ads to the Pacific garbage patch, explore the streets of New York and beyond. Dive deeper into movements of

change and the inspiring individuals who led the way. Discover your passion and feed your curiosity."

Eligible: All students

Dates: Ongoing

Cost: Free

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

Creatica Hackathon for Young Women & Non -binary Students

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

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

Dates: **November 13 - 15**

Application Deadline: **ASAP**

Cost: Free

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

Event Approaching: **NASA Panel Discussion**

NASA's Space Technology Mission Directorate (STMD) develops transformative space technologies to enable NASA's future missions. STMD is focused on advancing technologies and testing new capabilities that will be critical for crewed missions to Mars. This panel will highlight how leaders from NASA's STMD program have navigated their careers to become leaders in the field of space tech innovation.

Eligible: All students

Date: **Monday, November 16** (4:00 – 4:45pm)

Application Deadline: Rolling Basis

Cost: Free

Links: https://genheration.com/event/nasa-panel/

https://wharton.qualtrics.com/jfe/form/SV_1MGx3gIJ7miGNRb

Deadline Approaching: **2020-2021 Modeling the Future Challenge**

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

Details: "To start the challenge, students must complete a Scenario in which they are given a real-world dataset and must answer approximately 30 fundamental questions regarding statistics and mathematical modeling to make sure they have

developed the skills needed to complete their own actuarial research project. For all teams passing through the scenario phase, they will define and conduct a project of their own choosing - following the Actuarial Process as a guide - and will complete a research report detailing their methodology, analysis, and recommendations. All teams in accepted into the Project Phase of the program will be connected with an actuary mentor to help guide the students through the Actuarial Process and complete their research report."

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

Eligible: All juniors and seniors

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

Cost: Free

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

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

Medical/Life Sciences

New: **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

Application Deadline: **December 1**

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/

New: **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

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

Eligible: All students

Dates: **November 14 - 19**

Application Deadline: Rolling Basis

Cost: Free

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

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

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Theater/Writing/Music/Video:

New: **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: **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

New: 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, 2021**

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

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

Deadline Approaching: The **rFuture Program** is a virtual 4-month workshop for students that "focuses on songwriting, production, and video creation to empower students to become artist activists and influence the trajectory of their communities toward sustainable action." Students will work with industry professionals to produce an original song and video to be showcased at a virtual event in May 2021.

Student songwriters of all languages, music styles, and instrumentation are welcome and encouraged to apply. Students can only apply when nominated by a DOE teacher. Learn more at the link below:

Eligible: All students – **applicants must ask any teacher to nominate them.**

Dates: January – April

Application Deadline: **November 20** (11:45pm)

Cost: Free

Links:
https://forms.office.com/Pages/ResponsePage.aspx?id=tyxJGEXvYUWFcQxC5fesB1MN7jF_nBdEmvFRqpBm63pUNDdKRlJMRU5aUTE5SkxMRURIWFo3MU5QQy4u

https://drive.google.com/file/d/1vPa8O-xFdG9r2ErBqaTpp1Pl_W1LyvUY/view

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Opportunity Lists and Resources:

New: **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

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Scholarships:

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

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

Application Deadline: **November 27**

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

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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**