Stuyvesant Student Opportunity Bulletin #12L November 25, 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 <u>all</u> the opportunities in each category, you may click & open the "Long" version of the Student Opportunity document you received.

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In this week's edition, please note that there is a new community service opportunity to remotely help senior citizens with the **Dorot** organization, and a very enjoyable free opportunity for female students to develop their presentation skills with **Stand UP Girls! NYC** – no experience necessary (in the Leadership section).

For students interested in engineering, **NYC Exploring** offers upcoming sessions with a top engineering firm, and **Syracuse University** invites students to take special one-hour classes in a variety of engineering fields. And for Stuy writers and

artists, the **Scholastic Writing & Art Awards** program – which many Stuyvesant

students have excelled in), has a December 4th deadline.

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: Math Encounters at the Museum of Mathematics:

Breaking Up Is Hard To Do: The Art of Decomposition

order to understand what kinds of things there are in the world. A particularly satisfying form of classification is when we can show that every complicated thing is built out of a much smaller set of simpler things. In chemistry, we get this satisfaction from the periodic table; in mathematics, we find it just about

"Among the most fundamental tasks of mathematics (or science) is to classify in

everywhere, from numbers to polynomials to curved surfaces. Take a tour of some of these "periodic tables" of mathematics with noted mathematician Jordan

Ellenberg and join us as together we explore the surprising relationships among them."

Eligible: All students

Date: Wednesday, December 2 (4:00 & 7:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links:

https://momath.org/civicrm/?page=CiviCRM&q=civicrm%2Fevent%2Finfo&reset =1&id=3765

https://momath.org/civicrm/?page=CiviCRM&q=civicrm%2Fevent%2Finfo&reset=1&id=3766

New: City College Application Information Session

All seniors who are considering applying to CUNY's City College may register for this virtual workshop & information session.

Eligible: Current seniors

Date: Thursday, December 3 (3:00pm)

Links: file:///C:/Users/nycdoe/Downloads/12-3-

2020% 20 Admissions % 20 Workshop % 20 Flyer % 20% 20(7).pdf

https://ccny.zoom.us/meeting/register/tJUqd--srD0pGtXxKj4ibzIPW3cCeW_tlOKQ

New: SUNY Financial Aid Information and How-to-Apply Sessions

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

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

Eligible: Seniors and all students

Dates: Financial Aid Sessions: Fridays December 4 and December 18 (4:00pm)

How to Apply Sessions: December 9 and December 16 (5:30pm)

Application Deadline: Rolling Basis

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

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

Event Approaching:

Career Chat with Data Science/Business & Gov't/Education Leaders

There are several upcoming online discussions with leading professionals in Data Science/Tech/Business fields & in Government/ Education/Social Service areas.

Eligible: All students

Dates: December 4 and December 11 (4:30 -6:30)

Application Deadline: Rolling Basis

Cost: Free

Link:

https://docs.google.com/forms/d/e/1FAIpQLSfRp3maLQ2f2yWVpNrke21Yvn0pMH37yKdisY WN5Z2hu08b_w/viewform?gxids=7628 **RETURN TO TOP**

Academic Programs:

Several noted private universities offer winter and spring term courses for high

school students. Participants earn college credit. Tuition for these classes is

typically expensive, and financial aid is usually not available. Two options are

listed below:

New: Cornell University Winter Session Classes

"Cornell's Winter Session offers online courses with outstanding Cornell

University faculty members. Enrollment is open to all—from undergrads and high

school students to alumni and any interested adult.

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. Areas of study

range from the arts and business to the sciences."

Eligible: All students

Dates: January 4 – January 23

Application Deadline: December 7

Cost: \$4,700 and up

Links: https://sce.cornell.edu/precollege

https://sce.cornell.edu/precollege/program

https://sce.cornell.edu/courses/register/credit/high-school

https://sce.cornell.edu/courses/roster?sessions=Winter

New: Columbia University College Edge Classes

Eligible students may register for online courses during the Columbia spring term. Participants may enroll in the same classes as Columbia undergraduates and receive college credits.

Eligible: Juniors & Seniors

Dates: Information Sessions: November 30, December 11 and December 22

Classes: January 11 – April 26

Application Deadline: December 28

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

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

http://precollege.sps.columbia.edu/highschool/college-edge/academic-year/events/11-30-2020-college-edge-academic-year-information-session

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

New: CUNY STEM Research Academies

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

students may apply. Eligibility and deadline requirements vary, so check these

links to learn more:

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

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

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

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/1Pz09qdhY6IIrL18cGp9jfJFgfNM12-92/view

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

Imagine NYC Schools Youth Advisors Internship

Students interested in taking a leadership role within the NYC Department of Education should apply to this internship. Participants will receive leadership training, investigate issues in education, empower youth voices, and more. Apply at the link below:

Eligible: All Students

Dates: January – June (1.5 hours/week)

Location: Virtual

Application Deadline: December 7

Link:

 $\underline{https://docs.google.com/forms/d/e/1FAIpQLSdYMvPK-}$

 $\underline{ExUhZQlLVZLIo3c9kR0cll8K48JCwlDupFnxp8Qsg/viewform?gxids=7628}$

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Community Service

New: DOROT is a nonprofit organization addressing the challenges of an aging population. Students may volunteer remotely by making calls, sending cards, and connecting with older adults over Zoom. Orientation is required. There are

countless other ways to volunteer such as meal & package deliveries, technology help, legacy projects, etc. Internship opportunities are also available where students volunteer one afternoon per week to connect with older adults.

Eligible: All Students

Dates: Various

Location: Various

Application Deadline: Rolling Basis

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

https://www.dorotusa.org/volunteer

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

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

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

New: Stand UP Girls! NYC

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

A professional actress/comedienne will teach you the basics of stand-up comedyno previous experience or special talent is necessary! This is a great way to have fun & diminish stress - Only twelve students may participate - interested

applicants should send an email ASAP to Harvey Blumm at: hblumm@stuy.edu

Eligible: All female students

Dates: Tuesdays after school

Application Deadline: Rolling Basis – First Come, First Served

Cost: Free

Link: https://www.standupgirlsnyc.org/

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

Eligible: Students ages 15-17

Dates: TBA

Location: TBA

Application Deadlines: <u>January 29</u> (Creating profile):

<u>April 1</u> (Completing challenge)

Cost: Free

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

https://www.risefortheworld.org/apply

 $\underline{https://www.risefortheworld.org/what-we-look-for}$

https://www.risefortheworld.org/faq

New: Princeton University sponsors the **Princeton Prize in Race Relations** for

high school students, with \$1,000 awards to students who are working to help their

schools or communities in this field. Learn more and apply at:

Eligible: All Students

Application Deadline: March 1 (Application opens January)

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

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

New: Volunteer Internship for Queens City Council Candidate John Choe

"Student volunteers are invited to help in candidate John Choe's bid for the District

20 City Council district, which encompasses Flushing, Fresh Meadows, Bayside,

Auburndale, College Point, Holly, Kissena Park, Mitchell-Linden, Murray Hill,

Queensboro Hill, and Whitestone.

The campaign is seeking volunteers who are interested in local politics, community

organizing, and learning how a campaign is run. We are looking for students who

are interested in policy writing, communications, graphic design, organizing, and

more! If students want to learn more about the campaign and the candidate, they

may visit www.johnchoe.nyc, Facebook: www.facebook.com/johnchoe.nyc,

Instagram: @johnchoe.nyc, Twitter: @johnchoe4nyc "

Eligible: All students

Dates: Ongoing

Application Deadline: Rolling Basis

Links: https://forms.gle/ydhsSdvvwzrVN3g5A

https://www.johnchoe.nyc/

Deadline Approaching:

Youth Advisory Council for the Civilian Complaint Review Board

Student members of this group advise the NYC Police Department on ways to

improve communication and relations between the NYPD and NYC youth.

Eligible: All students

Dates: 2020 -2021

Application Deadline: November 30

Link: https://www1.nyc.gov/site/ccrb/about/outreach/yac-application.page

Deadlines Approaching: International Travel Opportunities

--Two free, full-year academic live-abroad programs offer high school students the opportunity to live and study abroad for extended periods of time. The Kennedy-

Lugar (YES) program includes a number of foreign countries with significant

Muslim populations, and the **Congress-Bundestag program** focuses on Germany

(no previous language skills are required for either program). The application

deadlines are in early December.

Eligible: All students

Dates: 2021-2022

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

Cost: Free

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

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

--Bronfman International Fellowship:

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

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

Dates: TBA

Application Deadline: December 3

Cost: Free

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

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Museums, Art, Photography:

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 athome art materials inspired by the Whitney's collection. Upcoming sessions focus on "Your NYC" and Reimagined Sculptures."

Eligible: All Students

Dates: Fridays - December 4 & 11 (4:00pm)

Application Deadline: ASAP

Cost: Free

Links:

 $\frac{https://whitney.zoom.us/meeting/register/tJYpfuGpqjIqEtZWxhyUzvsgYSLKmIj6}{3qlP}$

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

Event Approaching: Metropolitan Museum of Art Teen Programs

The Met is offering various virtual programs to students who enjoy art.

Registration is required. Below is one some upcoming event, with others scheduled over the next month:

Virtual Teen Studio – Fashion of the Future (<u>December 5</u>): 2:00-5:00pm)

Eligible: All students

Dates: Various

Cost: Free

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

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Parks/Nature:

The NYC Parks Department offers a variety of volunteer positions throughout the

city via its Green Teams program. All students may apply. To learn more, send an

email to: Green.Teens@parks.nyc.gov

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Stem Opportunities:

Engineering/Math/Computer Science:

New: NYC Youth Exploring offers many free programs to familiarize students

(grades 9-12) with a variety of career experiences. Participants can interact with

leading professionals in this field. Next up is a three-session program with major

engineering firm Syska-Hennessy.

Eligible: All students

Dates: <u>December 2, 10, and 16</u> (4:00pm)

Application Deadlines: Rolling Basis

Cost: Free

Links: https://scoutingevent.com/Download/64069094/OR/Syska_Hennessy_Fall_2020.pdf

https://www.nyexploring.org/calendar

ttps://www.nyexploring.org/

New: Mock Engineering Science Classes at Syracuse University

All students are invited to sign up for special free one-hour classes taught by

Syracuse University professors. There is a variety of options to choose from,

including Mechanical & Aerospace Engineering (12/4) and Biomedical

Engineering (12/9).

Eligible: All students

Dates: December 2 – December 18

Application Deadline: Rolling Basis

Cost: Free

Links: https://eng-cs.syr.edu/admissions/undergraduate/#Virtual_Events
https://syr.secure.force.com/events/targetX_eventsb_events#/esr?eid=a0d4U00000TCKbNQA
https://syr.secure.force.com/events/targetX_eventsb_events#/esr?eid=a0d4U00000TCKbNQA
https://syr.secure.force.com/events/targetX_eventsb_events#/esr?eid=a0d4U00000TCKbNQA
https://syr.secure.force.com/events/targetX_eventsb_events#/esr?eid=a0d4U00000TCKbNQA

New: Math Encounters at the Museum of Mathematics:

"Breaking Up Is Hard To Do: The Art of Decomposition"

Among the most fundamental tasks of mathematics (or science) is to classify in order to understand what kinds of things there are in the world. A particularly satisfying form of classification is when we can show that every complicated thing is built out of a much smaller set of simpler things. In chemistry, we get this satisfaction from the periodic table; in mathematics, we find it just about everywhere, from numbers to polynomials to curved surfaces. Take a tour of some of these "periodic tables" of mathematics with mathematician Jordan Ellenberg and join us as together we explore the surprising relationships among them."

Eligible: All students

Date: Wednesday, December 2 (4:00 & 7:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links:

https://momath.org/civicrm/?page=CiviCRM&g=civicrm%2Fevent%2Finfo&reset

=1 & id = 3765

https://momath.org/civicrm/?page=CiviCRM&q=civicrm%2Fevent%2Finfo&reset=1&id=3766

New: NASA Moon Pod Essay Contest:

Imagine Leading a One-week Expedition on the Moon

"Consider what it might be like if you were living with a pod of astronauts 250,000

miles from Earth. Your challenge is to imagine leading a one-week expedition at

the Moon's South Pole – with the whole world cheering you on. Tell us (300-word

limit) about the types of skills, attributes, and/or personality traits that you would

want your Moon Pod crew to have and why. How many would be in your pod?

And of course you'll need high tech gear and gadgets! In your essay, also describe

one machine, robot, or technology that you would leave on the lunar surface to

help future astronauts explore the Moon."

Eligible: All students

Application Deadline: December 17

Links:

https://www.futureengineers.org/artemismoonpodessay?utm_content=&utm_medi

um=email&utm name=&utm source=govdelivery&utm term=

https://festorage.blob.core.windows.net/artemismoonpodessay/files/artemismoonpodessay-

DesignGuidelines.pdf

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

Eligible: All Students

Dates: January – May (for 10 Sundays)

Location: Virtual

Application Deadline: Rolling Basis

Cost: \$850; need based scholarships available

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

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

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

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

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

Dates: Eight weeks in summer

Location: Various

Application Deadline: November 30

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

http://seap.asee.org/program details

Medical/Life Sciences

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

Eligible: All students

Dates: December 17 (6:00pm)

Application Deadlines: Rolling Basis

Cost: Free

Links:

https://scoutingevent.com/Download/64069095/OR/Lenox Hill Hospital Fall 20

20.pdf

https://www.nyexploring.org/calendar

ttps://www.nyexploring

Deadline Approaching:

American College of Cardiology Young Scholars Program

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

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

Eligible: All current juniors and seniors

Dates: March – June, 2021

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/

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Theater/Writing/Music/Video:

Deadline Approaching: Poetry Contest: Princeton University sponsors the Leonard L. Milberg Poetry Contest for current 11th-grade students. The top prize is \$500.

Eligibility: Current Juniors

Application Deadline: November 27

Link:

http://arts.princeton.edu/about/opportunities/high-school-contests/poetry-contest/

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

Eligibility: 10th-11th Graders

Application Deadline: November 30

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

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

Eligible: All students

Application Deadline: December 4

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

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

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Opportunity Lists and Resources:

-- NYC Online Department of Youth Activities

Free programs in dance, music, art, poetry, film-making and more: https://www1.nyc.gov/site/dycd/services/special_initiatives.page

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Scholarships:

Deadline Approaching: 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