

JANUARY 15, 2019 [VOL 31, NO. 6]

THE FOCUS

THE OFFICIAL BYRAM HILLS HIGH SCHOOL NEWSLETTER



INSIDE THIS EDITION

CONGRATS TO REGENERON SEMIFINALISTS
WINTER ART SHOW
TRAINING FOR BHCS D INTERVIEW COMMITTEE
SPRING BREAK
COMMUNITY BOOK READ
BYRAM'S GOT TALENT/ONE WORLD BENEFIT
DISNEY BENEFIT CONCERT
PINK THE RINK
VOTER REGISTRATION REMINDER
JANUARY SOFT SKILL
QUALITY CONTENT
UPCOMING EVENTS
ATHLETIC UPDATES
ATTACHED FLYERS

CONGRATS TO OUR 6 REGENERON SCIENCE TALENT SEARCH SEMI-FINALISTS!

The Society for Science & the Public announced the top 300 scholars in the 2020 [Regeneron Science Talent Search](#), the nation's oldest and most prestigious science and math competition for high school seniors. The 300 scholars and their schools will be awarded \$2,000 each. Six Byram Hills High School students were acknowledged as semifinalists for their research.



Congratulations to the six seniors who were honored with this award.

SAMUEL ABERMAN - Sam's study utilized a state-of-the-art gene editing system to conduct a novel gene knockout in a human immunity cell. This newly produced gene edit should improve the efficacy of a budding cancer immunotherapy, CAR-T cell therapy.

SPENCER KARP - Identifying the individual components that utilize energy in a building is important to improving overall energy efficiency of existing and future structures. Spencer built a machine learning algorithm that can specifically label various energy consuming products within a building. As part of larger ongoing project, this algorithm will be incorporated into an innovative technique that will be used to monitor and enhance the efficiency of our current infrastructure.

MERRY MAYERS - Merry mathematically simulated the spread of disease in the dwindling California puma population. She found changing certain factors in the models, such as time spent together or distance between pumas, will not have biological impact on the simulated spread of disease in these fragmented animal populations. These results demonstrate a promising protocol for future conservationists. Mathematical models enable scientists to use existing data sets to predict the spread of disease in an accurate way and thus can help to protect threatened species.

ALEXA MCGRATH - Some animals are known to eat specific plants in order to self-medicate, with baboons being some of the most understudied species exhibiting this special trait. Alexa's study is the first to create a unique database of all plants consumed by multiple baboon species at various locations across Africa. After researching the medicinal value of each plant part consumed, she determined that 30.8% of the entire baboon diet is made up of medicinal items, representing one of the highest figures reported for any species' medicinal diet. Additionally, she proposed a list of 40 plant species most suitable for future pharmacological testing.

CAROLINA PEDRAZA - Although it is generally accepted that there is a higher prevalence of anxiety symptoms in children and adolescents with tic disorders, it is unknown what those specific manifestations look like when compared to the non-tic population. Carolina analyzed pre-existing data to determine the specific anxiety symptoms most prevalent in those with tic disorders, compared to those without. Results demonstrated that children and adolescents with tic disorders had significantly higher anxiety scores than the non-tic cohort, and their distinct anxiety symptoms seem to imply shifts in periods of development.

OWEN SKRILOFF - Owen researched the capability of a surgical implant to induce the regrowth of bone minerals through a natural phenomena called the piezoelectric effect, in which stress produces electrical charges that may help bones regrow. Owen derived equations, based on data he collected, that can be used to quantify the amount of stress needed to apply to a piezoelectric implant to produce specific amounts of minerals. Inducing mineral growth through these implants will play a major role in the future to treat diseases like osteoporosis, low bone mass, and even speed up the healing process of broken bones.

BHHS/HCC WINTER ART SHOW

The 2020 Winter Art Show will feature an exciting array of artwork from HCC and BHHS students. Please come and visit the show located in Bobcat Hall at BHHS this Wednesday and Thursday between 8:00 AM - 2:30 PM or come to the community reception on Thursday between 5:00-6:30 PM.

NEW THIS YEAR

Sculpture & Ceramics students were given the task of creating a plate or cup that addresses an issue related to food. Students designed plates dealing with sustainability, food waste, showing gratitude, and more. The exhibit includes statistics about poverty and hunger. These plates and cups will be on display for the first time this year at the art show. Please make sure to see these important pieces.

Studio Art and Film courses will be presenting artwork developed under the tenets of Choice-Based Art Education.

BRING YOUR HEADPHONES

Visitors will be able to view curated films via a QR code attached to each film artist's prepared statement. The student movies will be available for viewing on all smartphones. See the attached flyer for more information.



PARENT & TEACHER TRAINING FOR THE BHCS D INTERVIEW COMMITTEE

Each year, the Byram Hills Central School District establishes interview teams for the hiring of teachers and administrators. The District has been very successful in hiring and retaining excellent teachers and administrators as a result of teacher and parent committee participation.

Gina Cunningham, Assistant to the Superintendent for Human Resources, will be offering two opportunities for parents and teachers to attend a training session in order to be part of a hiring committee in the future.

If interested, please e-mail [Laura Coughlan](mailto:Laura.Coughlan@bhcsd.org) with one of the following session dates:

Session 1: Tuesday, January 21, 3:00 PM to 4:00 PM

Session 2: Thursday, February 13th 3:00 PM to 4:00 PM

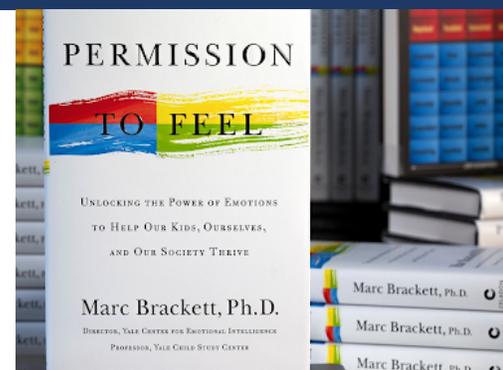
PLANNING SPRING BREAK?

"Spring Break" has grown into a major industry that now attracts as many high school students as their college counterparts. The potential for abuse of sex, drugs, and alcohol remains a major concern. In addition, the popularity of international resorts as Spring Break locations has occasionally lead to the exploitation of students who are vulnerable as minors and foreigners in unfamiliar cultures.

Before confirming any plans, we suggest that you check into travel.state.gov for more information about travel advisories and the country under consideration. We also suggest that you check references for any charter companies that you are depending on for flights and accommodations. Canceled flights, switched hotels, and even exploitation by local police have occurred to Byram Hills students in the past. This information is provided for your edification. The school district does not support or endorse "Spring Break" vacations or any companies that provide such services. Additionally, student athletes should fully understand the consequences of missing games or practices over the break prior to making Spring Break plans.

COMMUNITY BOOK READ

The Challenge Success Steering Committee invites you to join them for the next Community Book Read on January 23 at 6pm in the BHHS library. The book is [Permission to Feel](#) by Marc Brackett from the Yale Center for Emotional Intelligence. Parents, students, and faculty please mark your calendars.



BYRAM'S GOT TALENT/ONE WORLD BENEFIT

The Byram's Got Talent/One World Benefit originally scheduled for December 3rd has been rescheduled to Wednesday, January 15th at 7 PM in the high school theater. Come see our talented students and faculty members show off their skills.

DISNEY BENEFIT CONCERT

Once again, the music department is traveling to Walt Disney World in April to participate in the Festival Disney performance in Orlando. To help offset the cost for the trip, the Tri-M Music Honor Society is partnering with faculty and students to produce our second Disney Benefit Concert on Friday, January 24th at 7:30 PM! Tickets can be purchased at the door or in advance. Please see the attached ticket form for instructions!

PINK THE RINK

Save the Date for the 8th Annual "Pink the Rink" Hockey Game on Friday, January 31st at 8:30 PM when Byram Hills will take on Shepaug Valley. Come be a part of the action for a good cause. The event will be held at: The Brewster Ice Arena - 63 Fields Lane in Brewster, NY. See attached flyer!

BHHS SENIORS VOTER REGISTRATION

Seniors who will be eligible to vote in this November's election will be registered in their social studies classes in January. Students must be 18 years old on or before November 5, 2019, and an American citizen. Students will also be given information on how to apply for an absentee ballot.

JANUARY SOFT SKILL

Grit: According to psychologist Angela Duckworth, grit is defined as a distinct combination of passion, resilience, determination, and focus that allows a person to maintain the discipline and optimism to persevere in their goals even in the face of discomfort, rejection, and a lack of visible progress for years, or even decades. To read more about why kids need grit, please see this excellent [ARTICLE](#) by Jenny Williams.

QUALITY CONTENT



BOBCAT OF THE MONTH
STEFANA LATELLA

UPCOMING EVENTS

Wednesday January 15th

- HCC & BHHS Winter Art Show
8am-2:30 PM @ Bobcat Hall

Thursday January 16th

- HCC & BHHS Winter Art Show
8am-2:30 PM @ Bobcat Hall

- Community Art Show Reception
5:00-6:30 PM @ Bobcat Hall

Monday January 20th

- Martin Luther King Jr. Day
Schools and Offices Closed

Wednesday January 22nd

- HS Counseling Discussion Group
9 AM

Thursday January 23rd

- Community Book Read
6 PM @ BHHS Library

Friday January 24th

- End of 1st Semester
- Disney Benefit Concert @ 7:30 PM

Friday January 31st

- Pink The Rink
8:30 PM @ Brewster Ice Arena

For Athletics updates

**CLICK
HERE**

Subscribe to

**bTV's
YOUTUBE
PAGE**

**FOR NEW SHOW
NOTIFICATIONS
& LIVESTREAMS**

January 2020 -

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 No Athletic Games or Practices New Year's Day Schools & Offices Closed	2 Regular Athletic Schedule Holiday Recess Schools Closed/Offices Open	3 Regular Athletic Schedule Holiday Recess Schools Closed/Offices Open	4 Regular Athletic Schedule
5	6-6 Schools Reopen	7-7 PTSA Exec Mtg. @ WA 10 am	8-8	9-A BHEF Board of Directors Mtg. @ DO 7:30 pm	10-1 Registration Deadline for 2/8 ACT Test (Not Available in NYS)	11
12	13-2	14-3 Principal's Coffee 9 am Board of Ed. Mtg. & Budget Hearing I, 7:30 pm	15-4 HCC & BHHS Winter Art Show @ Bobcat Hall 8 am - 2:30 pm Byram's Got Talent/One World 7 pm	16-5 HCC & BHHS Winter Art Show @ Bobcat Hall 8 am - 2:30 pm HCC & BHHS Winter Art Show Community Reception @ Bobcat Hall 5 - 6:30 pm C.H.I.L.D. Evening Event 7 pm	17-6	18
19	20 Regular Athletic Schedule Martin Luther King Jr. Day Schools & Offices Closed	21-7	22-8 School Counseling Discussion Group 9 am	23-A Community Book Read 6 pm	24-1 End of 1st Semester TriM/Faculty Benefit Concert 7 pm	25 Lunar New Year
26	27-2 Begin 2nd Semester	28-3	29-4 Gr. 8 Fine Arts Presentation @ BHHS 7 pm	30-5	31-6	

WINTER
2020

ART SHOW

SHOWCASING STUDENT ARTWORK FROM
H.C. CRITTENDEN MIDDLE SCHOOL & BYRAM HILLS HIGH SCHOOL

GALLERY HOURS

JANUARY 15TH & 16TH • 8:30AM-2:30PM
BOBCAT HALL @ BYRAM HILLS HIGH SCHOOL

COMMUNITY RECEPTION

JANUARY 16TH • 5PM-6:30PM

FEATURING STUDENTS OF:

JOANNA BERGELSON · MICHAEL CHUNEY · LILA HORN · JAYNE KARLIN
JOHN LOPEZ · DAVID MCMICHAEL · AMY MENASCHE · NICOLE MINOLI

KIM LAPPLE, PRINCIPAL, HCC | CHRIS WALSH, BHHS PRINCIPAL
DEEPAK MARWAH, DIRECTOR OF FINE ARTS

Phone (914) 273-9200 -- Ext. 4930

January 2020

**COUNSELING
STAFF**

- *Guidance Liaison - Kristina Wilson*
- *Counselors - Erin Browne,
Keara Hunt, Gary McCarthy,
Greg Quirolo*
- *Secretaries - + Stacey Ferrante &
Margherita Nordstrom*

COURSE SELECTION

From January to March, students will meet with their counselors to discuss course selections for the 2020-2021 school year. Parents will be notified of student courses in April and will have adequate time for review and input before the schedules are finalized. The Course Selection booklet is available on the BHHS Guidance web page.

Upon completion of the second marking period, mid-year grades for seniors will be sent to every college seniors have applied to if students and parents request it. Seniors should see their counselor for the form to send mid-year grades to colleges. Grades will not be sent to schools that denied admission to students. **Seniors should continue to earn good grades since acceptances are based on the successful completion of the senior year. Also, seniors cannot drop any second semester courses because college officials want them to successfully complete the courses on the transcript.**

If a senior has received a favorable admissions decision under an early decision (ED) agreement, she/he must notify their school counselor or Mrs. Nordstrom as soon as possible and immediately withdraw their other college applications.

Juniors received their PSAT results and score report in December. As students prepare for the SAT and/or ACT, they should use these results as a guide to identify the areas that need to be strengthened. In order to get their first choice of a test center, juniors are urged to register online for the SATs and ACTs as early as possible. Students who require special accommodations should check with their special education teacher before registering for the SAT, SAT Subject Tests or the ACT to prepare for the spring administration of the SAT and/or ACT which will "count" in the college admissions process.

IMPORTANT DATES TO REMEMBER

- Martin Luther King, Jr. Day Schools Closed – 1/20
- School Counseling Discussion Group 9 am – 1/22
- Second Marking Period Ends – 1/24
- Third Marking Period Begins – 1/27
- Second Semester Begins – 1/27

KEEPING PEOPLE WITH FOOD ALLERGIES SAFE AND INCLUDED



FOOD
ALLERGIES?



Let's learn how to keep our friends and family with food allergies safe and included!

- ⇒ Certified Food Allergy Coach/Therapist Sandi Kornblum will discuss preventing cross contamination, hosting a food allergic child/teen in your home, safe snack ideas and so much more.
- ⇒ Nurse Debbie Negrin will demonstrate how to correctly use an Epi-pen and Auvi-q.
- ⇒ A question and answer session with a panel of middle and high school students and parents.

Food allergies affect 34 million people, about 1 in 13 children and therefore impact all of our lives.

**THURSDAY, JANUARY 23RD
AT 7:00 PM
IN THE H.C. CRITTENDEN
AUDITORIUM**

Tri M Music Honor Society presents...

The 2020 Disney Benefit Concert!

Friday, January 24th, @ 7:30 PM

On Friday, January 24th the Tri M Music Honor Society and BHHS Faculty will be hosting a benefit concert at Byram Hills High School. The proceeds will help fund the Disney trip the band, orchestra, and choir will be going on this spring.

In order to receive preferential seating, give or mail a check made out to BHHS to Jonah Piali at 12 Tripp Lane Armonk, NY 10504. Otherwise, pay at the door for general admission.

Name: _____

Email Address: _____

Number of student tickets (\$10 per student): _____

Number of adult tickets (\$15 per adult): _____

Total number of tickets: _____

Please include form and check made out to BHHS and either give it to Mr. Piali or mail it to the High School.

BYRAM HILLS VARSITY HOCKEY TEAM PRESENTS

PINK THE RINK

BYRAM HILLS VS SHEPAUG

FRIDAY JANUARY 31ST AT 8:30PM

BREWSTER ICE ARENA



FAMILY FUN, BAKE
SALE, TEAM GEAR,
AND CHUCK-A-PUCK!

BAKE SALE AND
MERCHANDISE
WILL BE SOLD
DURING LUNCH
JAN 27-31ST

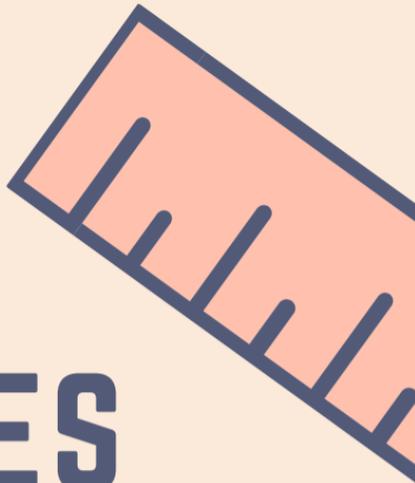
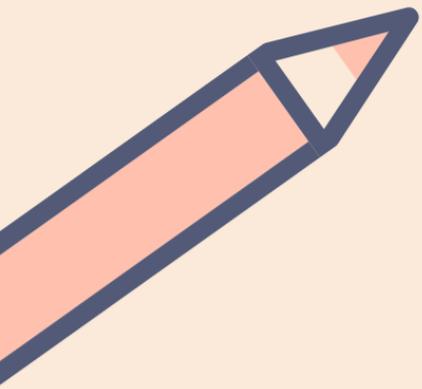
SHOW YOUR
SCHOOL SPIRIT
AND HELP US
MAKE STRIDES
AGAINST
BREAST CANCER!

ALL PROCEEDS
WILL GO TO



CLICK THE LOGO
TO DONATE NOW!

\$5 ADULTS | \$3 CHILDREN |
HOCKEY/ARENA ENTRY FEE
NOT INCLUDED IN DONATION



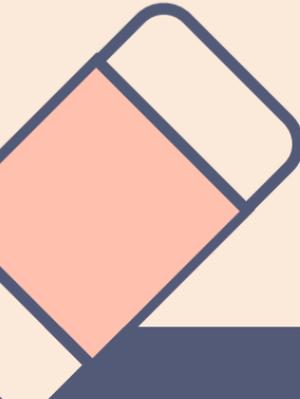
THE LIBRARY @BHHS

ONLINE SOURCES

Need information? The Library@BHHS has a source.

WORLD CINEMA
AMERICAN HISTORY
MODERN WORLD HISTORY
ANCIENT AND MEDIEVAL HISTORY
WORLD NEWS DIGEST
ISSUES & CONTROVERSIES
WORLD RELIGIONS
BIOGRAPHIES
NEW YORK STATE NEWSPAPERS
SCIENCE DIRECT
BRITANNICA ENCYCLOPEDIA
FACTCITE

For a complete list of sources available visit byramhills.org/bhhs





GUYS AND DOLLS



PROUDLY
PRESENT:

MUSIC AND LYRICS BY: FRANK LOESSER
BOOK BY: JO SWERLING AND ABE BURROWS

THURSDAY, MARCH 5, 7PM
FRIDAY, MARCH 6, 7PM
SATURDAY, MARCH 7,
2PM AND 7PM

A MUSICAL FABLE OF BROADWAY

BASED ON A STORY AND CHARACTERS OF DAMON RUNYON

EMAIL STAGETKTS@BYRAMHILLS.ORG
OR PURCHASE ONLINE AT:
BHSG&D.BPT.ME/



BYRAM HILLS HIGH SCHOOL THEATRE, 12 TRIPP LANE, ARMONK, NY





coming soon:

FASHION BY BHHS

Going Out in Style...
A Fashion Show starring the class of 2020

Wednesday, March 11, 2020

7:30 p.m.

BHHS Theater

A Grade Activities Board Event
To honor the Senior Class of 2020

Any parents interested in helping organize this event -
please contact Jennie Croke
jcroke@byramhills.net

