

For over 120 years, BHS has provided excellence in education to girls and young women in Bermuda. BHS has always been forward thinking, and as we embark on this new chapter in the School's history, we reflect on what makes BHS so special, and BHS girls so extraordinary.



### WE ARE LEADERS

At BHS, students learn first-hand that leadership requires courage, compassion, resourcefulness and confidence. As a member of the Round Square Organisation, our strong commitment to educating the leaders of tomorrow starts with service in our own community and reaches across the globe.



### WE ARE INNOVATORS

BHS is leading the way in STEAM education in Bermuda, and we are constantly evolving our programmes and facilities to deliver the highest quality education for our students. Through teaching with creativity and innovation, we are preparing our students to face a world with technology that has not yet been invented, and jobs which do not yet exist.



### WE ARE COLLABORATORS

BHS students learn early and often that the best way to achieve great results is to value and work with one another. Diversity of talent, thought, and voice are a staple in our classrooms, on the sports field, in the art studio, in the labs and on the stage.



### WE ARE RISK TAKERS

BHS students are able to explore their passions in a community like no other. Our unique school environment presents more opportunities and encourages students to take risks in an environment purposefully constructed to support and challenge girls.



### WE ARE COMMITMENTY-MUNICIPAL

At BHS, students learn early on that giving back to the community is an integral part of their education. Through various local charitable initiatives throughout the year, and service projects abroad, students learn that they have the power to make a difference in the world.



www.bhs.bm www.leadingtheway.bm

### What's Inside



### THE BERMUDA HIGH SCHOOL **BOARD OF TRUSTEES**

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Torchbearer is published by the Advancement Office of The Bermuda High School for the alumni, parents, friends and students of the School. Its purpose is to inform and inspire the School's community and to acknowledge the many accomplishments of the BHS family.

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### BHS offers an education like no other



s an alumna, it is my privilege to serve as Head of School, and I am proud, every day of our students, staff and alumni. From the very first day of school, BHS students join a community like no other, learning from dedicated teachers with an unrivalled understanding and deep experience in educating girls. Throughout their time at BHS, students explore their passions and take risks in an environment purposefully constructed to support and challenge girls. They have role models in the older girls, and, over time, they will strengthen their own voices and step capably and confidently into leadership roles throughout the BHS community, and beyond. Our aim at BHS is that all students leave with the qualifications, the depth of knowledge, the self-assurance, the personal qualities, the flexibility and the resilience that will take them wherever they want to go. Moreover, we hope that they develop warm friendships and gather cherished memories that will last a lifetime.

Responding to the need both locally and globally for more girls to study Science, Technology, Engineering and Mathematics, combined with the skills gained from a strong Arts Programme, we have raised, with your help, more than 10 and a half million dollars to enable us to build a state-of-the-art Innovation Centre, and create an Arts Wing at the School. We are not quite done. In addition to our aim to provide the best learning opportunities, in a state-of-the-art building, we are also looking at how to make our school campus more inclusive and accessible. The addition of an elevator in the Innovation Centre will enable a mobility-compromised person to access 80% of classrooms and learning spaces, including buildings that are more than 100 years old.

As a school, we are continuously looking at how we can best prepare all of our students for successful futures, no matter what they study at university or what careers they may pursue. BHS has always been a forward-thinking school: the only all-girls' school, the first and most experienced IB World school and the only Round Square school in Bermuda. With a legacy of almost 125 years, we consistently inspire excellence and leadership in our students. We are excited about this next chapter and look forward to sharing it with you. You can read all about the new Innovation Centre on pages 18-19 and we encourage you to go to www.leadingtheway.bm to learn more about this project.

We hope you enjoy this Spring issue of the *Torchbearer* magazine.

hinde Parker

Linda Parker Head of School



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and follow our blog @ www.bhs.bm

### **School Reports**

#### **SEPTEMBER**

There were some fantastically creative "Mad Hair" dos, and money collected was shared between PALS and Big Brothers and Big Sisters of Bermuda.

#### **OCTOBER**

Six Year 10 Students, Hailey O'Donnell, Linnea Kuruvilla, Elena Mendendez-Sanchez, Allie Riihiluoma, Sabree Botelho and Genevieve Lau, represented BHS at the International Independent **Schools Public Speaking Competition** in Winnipeg, Canada over the Half Term break. As the youngest team in the competition, it was a great opportunity for them to learn about the level of competition on the international stage.

Mrs Hill's Year 3 class had their first experience in a Science lab, and they loved it. IB1 students helped them with their volcano experiments, and we surely have a few future scientists on our hands!



There was an amazing showing of BHS students, teachers and parents at the Partner Re Women's 5K Walk and Run. BHS won the award for the largest school group for ages 7-11.

BHS had 24 students and 4 alumnae act and sing in the Gilbert & Sullivan production of The Wizard of Oz. It was an incredible performance. The title role of Dorothy went to alumna Paige Hallet '08 with current IB2 student, Zoe O'Connor, given the opportunity to play the lead in the Saturday matinee performance.

Nine students were recommended by BHS for the Commissioner's Vision Award because they exemplify the Core Values of the Bermuda Police Service of Professionalism, Integrity, Respect, Accountability, Dedication, Courage and Unity during their interactions and activities at school. These students were honoured, along with students from all of Bermuda's schools, at a ceremony held at



The Ruth Seaton James auditorium. The BHS awardees were the following: Primary School - Charlotte Millington, Sofia Nunez and Ella Younie; Middle School - Lara Backeberg, Kristy Sanchez and Genevieve Bradley; Senior School - Tessa Dill, Mila Kendell and Isabella Wright.

Team BHS walked in the annual BF&M Breast Cancer Walk. There were a lot of pink shirts promoting BHS and #likeagirl!

BHS Year 10 students were later honoured at a special event to recognise their work for their PartnerRe Dollars for Hours project. The girls helped with the marketing of the PartnerRe 5K and divided into three teams to focus on different areas - social media marketing, outdoor marketing and a broadcasting team. They created videos, social media campaigns, went on numerous radio shows and helped on the actual day of the event. As a result of their efforts, BHS was awarded \$30,000.

### **NOVEMBER**

The Primary PTA held their 5th annual World's Fair, celebrating many different cultures around the world. Students wore costumes to celebrate their many different heritages, and there were lots of fun games and activities for the whole family to enjoy. The event also raised more than \$8000 for the School.



The winner of the 2017 ecoRUNWAY was Imagine Dragons, led by Kameron Young '19 and Zillah Welch '19. The competing teams were tasked with creating two outfits made of at least 50% recycled materials: one ready-to-wear and one avant-garde. These were the only rules, and the designs were judged on originality, wearability and creative use of materials for their outfits. The winners' Game of Thrones-inspired avant-garde piece had a dramatic cape à la Khaleesi, and both models were adorned with gold face glitter and highlighter to mimic a dragon's scales.



Year 4-6 students welcomed their **Grandparents and Grandguests** into school to take part in various fun and educational STEAM activities with their special guests.

For **Round Square Day**, students from Year 5 - IB1 spent the morning out in the community, cleaning up public areas across the island. In the afternoon, they took part in a multitude of service projects: bike building, a clean-up at Masterworks Museum, the removal of an invasive plant species on Trunk Island, and reading, art and games with



younger students at West Pembroke Primary, Hope Academy, Port Royal Primary and Francis Patton Primary. Groups of students also took part in a clean and tidy up of the Meals on Wheels headquarters; reading and visiting with residents at Lefroy House, and painting a mural, and cleaning and weeding at WindReach. Student leaders organised every aspect of the day, and it was a wonderful way to honour our membership in the Round Square organisation and celebrate the IDEALS of Environmentalism, Leadership and Service.

In the National Debate Competition, our Middle School 'B' Debating team came 1st (Grace McFadden, Katie Gunther and Salayah Stange). Additionally, our Head Student, Brianna Correia, won awards for top Senior Debating and top Impromptu Senior Debater.

Secondary students had a unique speaker come in for assembly: Beatrice **Benvenuti** is the first (and only) international female rugby referee in the world, and was in Bermuda for the World Rugby Classic. She spoke to the students about her unconventional career path, the importance of following your dreams and never letting anyone tell you you cannot do something because you're a girl. Beatrice also spoke about how, if you put your mind to it, work hard and are prepared to make sacrifices, you can achieve anything. As a 24-year-old woman making her way in a male-oriented career, and with six languages under her belt, Beatrice was an inspiration.

All Year 9 students took part in the 2017 DECA Idea Challenge, a premier event in Global Entrepreneurship Week. They were tasked with finding a new purpose for rubber bands and given



one week to create a prototype of their innovation and a 3-minute video to showcase it and their team work. Out of over two thousand entries worldwide.

Year 9 students Jada Davis, Salayah Stange, Yvé Smith and Jerzi Trott-Riley were selected as Finalists in the Middle School Division. The girls designed a prototype for a waterproof, insulated shelter, to keep homeless people dry and warm.

#### **DECEMBER**

Three BHS students were awarded \$5,000 Computer Science scholarships from Treefrog Consulting Ltd. Lara Backeberg '22, Ashlyn Lee '20, and Kameron Young '19 are all students who show outstanding promise in technology, while working hard and enthusiastically at all times.

In December, French students and French-speaking staff gathered to have lunch with members of **Alliance** Française. It was a great opportunity for our students to practice speaking French and it was enjoyed by all, with promises to do it again in the new year.

BHS hosted 21 female students from Dellwood, Northlands and West Pembroke Primary schools for our very own BHS Hour of Code event, in conjunction with the global events taking place as part of Computer Science Education Week. Secondary students worked as mentors for the younger girls and guided them through coding programmes Python, Scratch and HTML. A fun and educational day was had by all, and this was just another example of how BHS is Leading the Way in STEAM education in Bermuda for the benefit of all students!

The cast of Shrek received a surprise visit by Bermudian actress and singer Candace Furbert. Ms Furbert played Mama Shrek, the Dragon and the Fairy Godmother in the UK touring production of 'Shrek the Musical'. The cast was



delighted to meet her, hear her story and have her answer questions. They were even treated to a small selection of her songs from Shrek, and the principal leads enjoyed a private tutorial.

The 2017 top **Overall Math Olympian** is Salayah Stange '22! Salayah also took home the prize for the Top Middle School Student. Laura Hupman '23 took home 1st place for the Year 8 age-group and Madison Quig '19 won the Year 12 round. Other awards were given to those students who participated in the Math Olympiad: Year 6 - Charlotte Millington 5th, Maddie Doyle 10th; Year 7 - Holly Hellman 8th, Willow Hartman 10th; Year 8 - Laura Hupman 1st, Maya Luthi 10th; Year 9 - Salayah Stange 1st; IB1 - Madison Quig 1st, Lizzie Luckashvili 4th, Celia Harris 5th, Calvina Steede 6th.

The BHS Christmas Crackers did a great job performing at St. Peter's during the Christmas Walkabout in St. George's. The students also gave a performance for the seniors at Westmeath Residential and Nursing Home.



#### **JANUARY**

Five of our students earned the incredible opportunity of performing in the Bermuda Festival alongside the **Red Hot Chili Pipers**. The BHS "Groupies" were: Tessa Kearns '26, Robin Selley '26, Sarah Davis '26, Emily Davis '23 and Cerra Simmons '20.

BHS helped launch the **Royal Gazette's Drive for Change** campaign to raise awareness about the dangerous driving habits in Bermuda, and to make a change to reduce the carnage on the roads.



Year 5 students bid farewell to their IPC Unit "The Great, The Bold and The Brave" with a Greek and Roman-themed day. The girls came in costume, took part in "Greek Olympic" games on the field, and tasted a feast of traditional food - hummus, pita bread, olives, figs and more.

BHS was well represented at the inaugural Parent Expo and Youth Maker Faire. DIY Club members shared all the fun and creative things they do, and visiting students enjoyed trying out the green screen. The FIRST Global Robotics team wowed Minister Caines with their robotic knowledge and demonstrated how their robot worked by manoeuvring it around the gym. Additionally, Mrs Parker co-presented a study skills workshop with Ms Sim, and BHS parent and Deputy Principal of West End Primary, Tamicia Darrell.

#### **FEBRUARY**

EYP Students met **Torch** – the school mascot - who made her first visit to the youngest BHS students, and they were very excited to meet her! She also made an appearance at the BHS-BFA Under-7 Football Tournament held on the BHS field.

### **MARCH**

BHS Students participated in the Spring Debate and Public Speaking Competition. In the Middle School competition, the BHS team placed 3rd overall, and Kristy Sanchez '22 also placed 3rd overall. BHS was also successful in the After-Dinner Speaking category with Kristy Sanchez taking top spot and Willow Hartman '24 placing 2nd. Millie Lewis '23 placed 2nd in the Radio Newscast competition and 4th in the Persuasive Speaking. Kristy Sanchez also placed 4th for her Interpretive



Reading. The Senior School teams placed 5th and 6th, with Leahnae Morton Richardson '21 placing 6th overall. She also took home 2nd place for her Dramatic Interpretation. In the Radio Newscast, Hailey Young '22 came in 2nd and Gen Lau '21 came in 3rd. For the After-Dinner speeches Gen Lau took home another 3rd and Allie Riihilouma '21 placed 4th.



Congratulations to all the students nominated by BHS staff and their coaches for the **Outstanding Teen Awards**. Students who won overall awards were: Head Student, Brianna Correia '18 (right) - Outstanding Overall Special Recognition for academics, leadership, community service, the arts or sports; Karina Forth '18 (left) - Outstanding in the Performing Arts, specifically dance; Sion Symonds '18 (centre) - Outstanding in the Visual Arts.

Two BHS teams took part in the annual **Sloop Foundation Fundraiser**. Primary staff, Shanna Lee Kerr, Nicole Carter, Lauren Botelho, Stephanie Cordeiro and Melissa Franklin formed one team and Team #LikeaGirl was comprised of Secondary staff Paula Harrison, Addy Osset and Sarah Wheddon. 100% of funds raised go towards BHS voyages on the Spirit of Bermuda and the two teams raised over \$4000!

International Women's Day (IWD) was celebrated throughout the school on or around March 8. Primary students spent the day learning about inspirational women and Y5 students attended the IWD celebrations and march at City Hall with Head of School, Linda Parker. Secondary students spent the week discussing the #PressforProgress



BHS celebrated Literacy Week with a variety of school-wide events including World Book Day on March 1, when staff and students came to school dressed as their favourite book characters. In the Primary School, each day of Literacy Week was themed, with surprise guest readers from the community reading to the girls.

Students were very fortunate to hear stories read aloud by His Excellency, The Governor, John Rankin; Minister of National Security, Wayne Caines; the US Consul General, Mary-Ellen Koenig; Shadow Minister of National Security, Jeff Baron; local chef, Teneika Eve; local author, Nadia Aguiar; Bermudian Olympic diver Katura Horton-Perenchief; Police Commissioner Michael DeSilva; Chief Inspector Na'imah Astwood; and author and Police Media Relations Manager, Dwayne Caines.

In the Secondary School, students hosted a "Battle of the Books" with the four final entries being Wonder, The Hunger Games, A Wrinkle in Time and The Book Thief. Middle School students chose Wonder while The Hunger Games won in the 14-plus category.

Throughout the school, students participated in book swaps and created book posters. Secondary Librarian, Lynn Furtado '82, with help from students and much to the delight of both students and staff, transformed the library into Hogwarts, complete with moving pictures from the The Daily Prophet.

BHS also partnered with the Bookmart at Brown & Co. for the first BHS Book Fair, which was successful in helping us re-stock our Primary and Secondary library with new books.



movement, culminating in alumna Clare O'Connor '99 joining them via Google Hangout in an assembly. Clare spoke to the students about her career to date, interviewing women entrepreneurs for Forbes and her new job creating media content for Bumble.com.

The annual **Science Olympics** at MSA on Saturday, March 17 saw BHS students competing in four events including building pasta bridges, Science trivia, building duct tape tables, and even an Escape Room!

# Thank You Mrs Downey!

n September, 1975, Julie Downey joined the PE department at BHS. This June, after 43 years dedicated to developing female student athletes, she will retire from teaching. We at Torchbearer, on behalf of the entire BHS family, want to wish Mrs Downey the very best in her "new" life away from the School.

Mrs Downey's own schooling began at Sandys Grammar School (now Somerset Primary), followed by Dellwood and then Mount Saint Agnes. Always an athlete, she pursued her interest in sports, graduating from Chelsea College of PE in Eastbourne, England.

We asked Mrs Downey to share some of her memories and insights from a life spent teaching.

### Torchbearer: Why did you become a PE teacher?

Mrs Downey: I was very fortunate in that I knew from a very early age that I wanted to be a PE teacher. I loved being outside, I loved sports and I loved the smell of the creosol that was used to mark the courts and tracks, back in the "old days".

### TB: Who were your roles models as a young athlete?

Mrs Downey: From Primary through Secondary school I had wonderful PE teachers. I excelled outside on the sports field and that's all I ever wanted to do. However, my classroom teachers drove the point home that I had to work hard in my academic work as well, if I wanted to be a teacher. They encouraged and praised my effort in both PE and the classroom, and that was a major factor in reaching my goal.

### TB: What were your favourite sports as a student?

Mrs Downey: My favorite sport throughout my schooling was Netball, although I loved Track & Field and was a good sprinter.

### TB: Can you share some of your accomplishments and memories as an athlete and a teacher?

Mrs Downey: One of my most vivid memories of those days was when Inter-School Track & Field became integrated! Before they combined all the schools, there was an Inter-School Sports Day for white students and an Inter-School



Physical achievement: Julie Downey (right) will retire this June after 43 years in the PE Department at BHS. She has witnessed, and overseen, a tremendous amount of change and development in girls' sports and will be missed by the entire BHS community.

### "I was very fortunate in that I knew from a very early age that I wanted to be a PE teacher."

Sports Day for black students. At the white Sports Day, I used to win just about every event that I entered, especially the sprints. After the two Sports Days were combined, I never won another thing! As a teacher, I still love Netball and over the years BHS has had great success in the sport. Of course, just like any other sport, some year groups come along and they will have a number of very enthusiastic and good players, and then there are some years where there may be just a few players.

TB: What are some of the major developments you've seen at BHS? Mrs Downey: When I first came to teach at BHS, the only indoor space for PE was the "Little Gym". There was a small space called the "Activity Room" but that was usually occupied by the music

teacher. As most know, the Little Gym is a small area with a low ceiling so we were limited in what we could do in there. The space sort of dictated our programme. There was no Basketball, indoor Netball or Volleyball (although we did try). There were many occasions when the weather was bad, so students did not have a lesson, as there was nowhere to have it. When the Jessie Vesey Sports Centre (JVSC) was built the PE programme saw big changes. We instituted a full Basketball and Volleyball programme. We were also able to play Netball inside on a hard surface, which speeded up our game, and made us more competitive. We could play Badminton (4 games at a time!) and, with the upstairs fitness and weights area, students could choose a fitness option in the upper years. The new facility also included the climbing wall; yet another branch to our programme.

TB: What changes have you seen to girls' sports over the years? Mrs Downey: When I first started teaching at BHS, Girls' Football was just starting. Now it is a major sport in our extra-curricular programme. Girls' PE also has a major "fitness" component now, where students are able to work individually on their flexibility, strength and aerobic fitness. Sailing is also a new component for girls. Bringing the sport into the schools gives more students the opportunity to participate.

TB: What are the advantages for girls in PE at an all-girls school?

Mrs Downey: I went to a co-ed high school and the girls were constantly fighting for space in the gym. The boys' sports always seemed to dominate the spaces available. If the girls PE teacher was absent for some reason, the girls would always have to take part in whatever the boys were doing, never the other way around!

I think girls are more likely to show their true physical ability if there are no boys around; they show more strength and aggression in competitive situations.

TB: What do all students learn in PE, regardless of their athletic ability? Mrs Downey: The most important aspect of PE, for me, is learning good sportsmanship. Athletes must be able to win gracefully, and lose knowing how hard you fought and appreciating what it took to beat you. If you are playing for a team, you must be committed to the training, and give your best performance at all times, because it is not just you that will feel the effects of poor effort, but the whole team.

I also think that in a PE lesson, there are many leadership opportunities. The PE

teacher must ensure that everyone gets the chance to lead.

TB: What will you miss most about teaching at BHS?

Mrs Downey: I will miss THE STUDENTS the most. I am a little more partial to the older students (because they get my jokes), but the Primary students are always so enthusiastic and they never hold a grudge, even if you have to give them a clip down (demerit). By the next lesson, they have forgotten all about it. I will also miss "my mates" Ms Young and Ms Davis. We have such a great working relationship!

TB: If you could pass one message on to student athletes what would it be? Mrs Downey: Aim to be the best you can be, both in the classroom and on the playing field.

Don't compare yourself with others. Look at your own progress and performance, and reach for your goal. Respect your teachers (they have been where you are now; you have never been where they are), and gain everything you can from them. They, like your parents, only want the best for you.

TB: What are you most looking forward to in retirement?

Mrs Downey: I think the thing I'm looking forward to the most is the

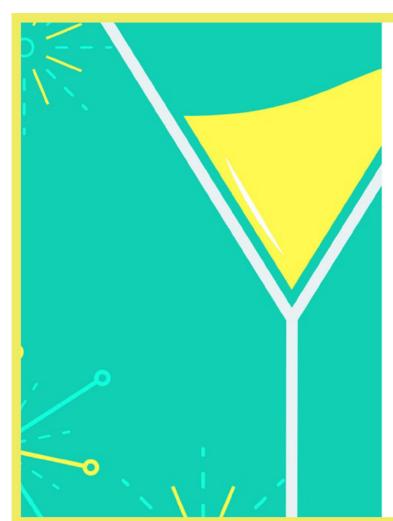


**Time to relax:** Mrs Downey is looking forward to a less structured schedule in retirement!

freedom to come and go in my own time. When you are working, especially as a teacher, your time is divided into very strict compartments, i.e. lessons, recess, lunch-time, before school, after school, week-ends, etc.

I will also be able to spend more time with my grandchildren and go to their sports days.

I also look forward to coming back to BHS to substitute when needed.



# Save the Date YOUNG ALUM SUMMER SOCIAL

Did you graduate from BHS between 2003-2018?

Then please join us on

FRIDAY, JULY 20TH

Details will be provided closer to the time.

# SPIRIT IN THE HOUSE

sports DAY offers the opportunity for students to experience the thrill of competition and the camaraderie of a team. In this issue, *Torchbearer* presents a closer look at excitement and pride so wonderfully expressed by the Senior and Upper Primary athletes in action.



















# BHS ATHLETIC ACHIEVEMENT

BHS continues to embrace and celebrate the accomplishments of our student-athletes. Whether they win, lose or draw, there are important skills and relationships built in the sports arena. In the first two terms of this school year, a number of students excelled both locally and internationally. We are very proud of their athletic acheivements, as we are of all students with the courage and spirit to represent their school, and themselves, on the field of play.

### INTER-SCHOOL COMPETITIONS



### Football

The Middle School Football Team was victorious in the **BSSF Six-a-side Tournament**. The team beat Whitney, Sandys and Warwick Academy in the group stages, Saltus in the semifinal and then Warwick Academy again in the final, where they clinched the victory in a sudden death penalty shoot out! Well done to (front l-r) Taylor Sousa, Kaitlyn Burnard, Zorena Anderson, Gabrielle Turchairo, Maya Luthi, (back l-r) T'aja Williams, Paisley Garside, Annabelle Morgan, Katelyn Medeiros and Rose Simmons.

The Middle School Team also made the final in the **BSSF** League Cup where they placed 2nd to Warwick Academy.



### Netball

The Middle School Netball Team (above) finished undefeated, winning the **BSSF Middle School Netball Tournament**, at Bernards Park. They defeated Saltus Grammar School 10-8 in their semi-final and Dellwood Middle School 7-6 in the final. The Under-16 netball team won the **BSSF Netball Championship**, also going undefeated in the tournament.

### **Swimming**

BHS won the **Primary Swimming Championships** again. Overall, our girls placed 1st in the Under-9 girls division, 3rd in the Under-10s and 1st in the Over-10s. Special congratulations are extended to **Arabella Newport-Derbyshire** who was the Champion Girl in the Under-9 Division.

### **Primary**

Bermuda High School - 163 pts Warwick - 150 pts Somersfield - 101 pts

Under-9: 1st in Division - 72pts

Arabella Newport-Derbyshire: Champion Girl with 1st in

butterfly, freestyle and backstroke, Jaydi Burrows: 3rd backstroke, freestyle Lilla Dudley-Pun: 3rd butterfly, breaststroke Jade Metha: 3rd breastroke

**Under 10:** 3rd in Division - 33pts

Ava Pedro: 1st breaststroke, 3rd freestyle, 5th butterfly

Jorgia White: 6th butterfly,

Annika Henderson: 4th backstroke

**Over-10:** 1st in Division - 58pts Charlotte Esperson: 1st butterfly

Gabbi Mitchell: 4th freestyle, 4th breaststroke Nell Wightman: 1st backstroke, 2nd freestyle Elena Pearman: 2nd backstroke, 6th butterfly

### Relays

Under-9: 1st in freestyle and Individual Medley Under-10: 3rd in freestyle, 4th Individual Medley Over-10: 1st freestyle, 2nd Individual Medley

### Middle School and Secondary

1st Warwick Academy - 130 2nd BHS - 128 3rd Somerfield - 87

**Under-13:** 2nd in Division - 60pts

Giada Dudley-Pun: 2nd butterfly, 2nd Individual Medley

Jocelyn Manuel: 3rd backstroke Daniella Stegmann: 2nd breaststroke Natalie Gazzard: 1st freestyle

Over-13: 1st in Division - 68pts

Mia Ferguson: 1st breaststroke, 1st freestyle

Doireann O'Shaughnessy: 2nd breaststroke, 3rd Individual Medley

Chloe Castree: 2nd backstroke

Relays

Under-13: 1st Individual Medley, 3rd & 5th freestyle Over-13: 1st & 6th Individual Medley, 1st & 7th freestyle

### **Secondary School Girls**

The Under 16 and Over 16 teams both placed 3rd, and BHS placed 3rd overall in the Senior Division.



### **Cross-Country**

**Under 9:** (above) 1st - competing against 18 schools and 172 runners.

Over 9: 3rd - competing against 166 runners and 16 schools.

### **Triathlon**

Year 6 students Nell Wightman (200m swim), Charlotte Millington (8 km cycle) and Camryn Lines (2km run) made up the youngest and only Prlmary School team and competed against Middle and Senior School students. They were the first all-girls team to finish and 6th overall! Charlotte Millington finished 1st girl (7 – 10 years division) in the Individual Duathlon (run/bike/run) and hopped back on the bike to participate in the team event!

Well done to staff members Ashley Estwanik, winner in the team event, Linda Yorston, 7th in the Try a Tri, and Alan Potts, 2nd in the Senior Triathlon.

### ALL-STARS

BHS athletes were selected as **BSSF All-Stars** in Netball and Football.

**Primary School Netball:** Allegra Tucker, Kamali Tucker, Gabbi Mitchell and Lore de Kock.

**Middle School Netball:** Nisaiah Berkeley, Yvé Smith, Jerzi Trott-Riley and Jezhari Talbot.

Senior School Netball: Milun Dunlop and Keiasa DeSilva.

**PrImary School Football:** Ella Younie, Camryn Lines and Courtney SIndividual Medleys.

Middle School Football: Katelyn Mederios, Zorena Anderson, T'aja Williams.

Senior School Football: Camryn Swan, Talae Quinn, Messiah Greaves.

### Extra-Curriculars

The **BHS Football Club** (BHSFC) competed in the Kappa Classic football tournament, which featured 1300 local youth footballers, including a record number of girls. The Club entered two teams in the U9s and one team each in the U11s and U13s. All the girls played extremely well over a wet, windy and very cold weekend that tested the players' resilience as much as their skill.

In the U13 final, BHSFC was, once again, pitted against Warwick Academy. After a thrilling 3-3 draw and a nail-biting penalty shoot-out, BHSFC claimed the trophy for the Club's second-ever Kappa Classic championship!

Fifteen Secondary students took part in the **World Rugby Classic/Beyond Rugby** training workshops at the National Sports Centre with the Classic Lions, alongside students from other schools.

Eight students (and staff member, Mr. Haas!) braved the choppy water at Clearwater on a Sunday morning in the **Open Water Bermuda National Championships** in September: 1500m Open Water Swim: Anna Marcotte '23, Natalie Gazzard '23. 400m Open Water Swim: Mimi Brazier '24, Nell Wightman '25, Ava Pedro '26, Jorgia White '26 Katherine Wheddon '27, Madison Schindel '28.

### INTERNATIONAL COMPETITIONS

Katelyn Medeiros '23 is a member of the Bermuda's U17 Girls National Football Team which had an extremely successful showing at the **CONCACAF Caribbean U17 Qualifying Tournament**. This young Bermuda team advanced to the CONCACAF Finals in Nicaragua after beating Aruba 13-1 in Round 1 and Jamaica 3-2 in Round 2. They were ultimately defeated by Haiti, but were the only team in the entire competition to score a goal against Haiti!

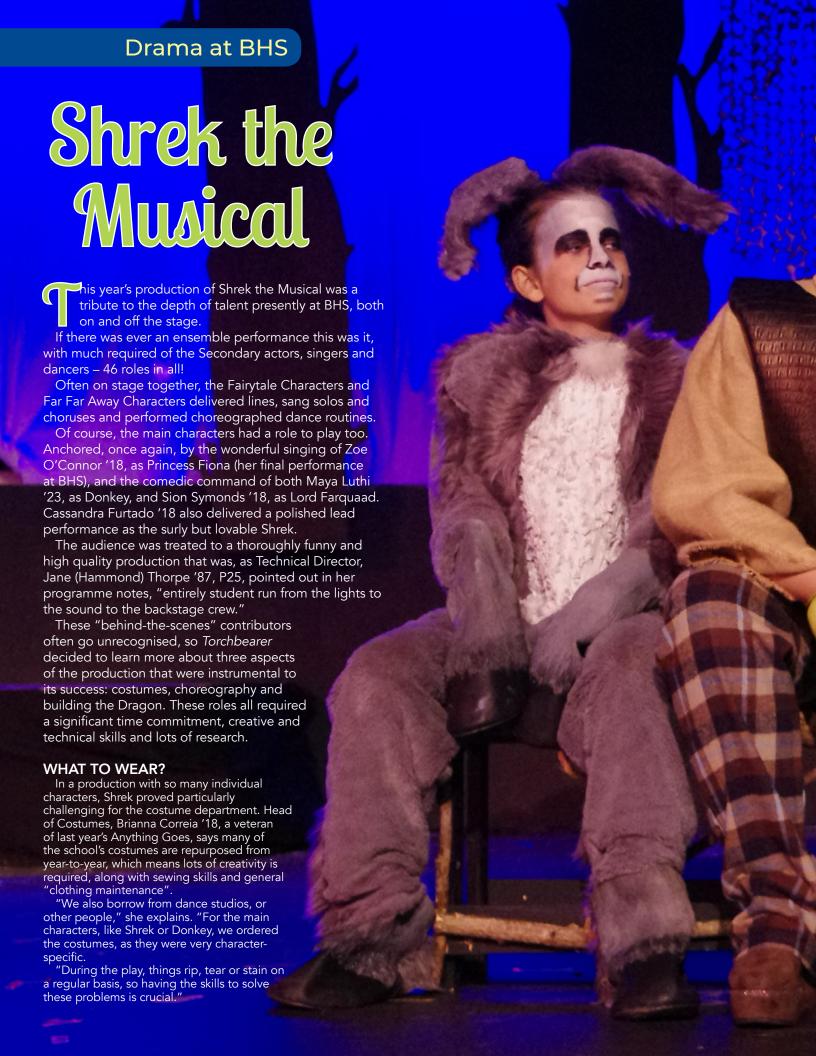
Chrsyda Smith '19 scored a goal against Guatemala in the **Central American and Caribbean Games Hockey Qualifiers** in Kingston, Jamaica. This was her first tour and she was the youngest member of the team.



Kelsey Amos '22 was one of four equestrians selected for the \$1,000 youth scholarship to attend the **USDF Annual Dressage Convention** in Lexington, KY from November 29th - December 2nd. Kelsey also took part in the 2017 **FEI World Dressage Challenge** where she was the Zone 10 Youth winner for the competition and placed 12th out of 147.

Gen Lau '21, Skye Oliveira '23, Millie Lewis '23 and Laura Hupman '23 represented Bermuda in the **Canadian Opti Championships** in August. Millie and Laura helped Team Bermuda to a second place finish in the Team Regatta, and all the sailors competed in the top Gold Fleet.

Congratulations to our students who represented Bermuda at the CARIFTA Games. Giada Dudley-Pun '24 placed 4th in the 200m breaststroke final at the CARIFTA Swimming Championships and also won a bronze medal in the 11-12 Girls 4x100m Individual Medley Relay. In Athletics, Taylor Hines '20 placed 4th in Heat 4 of the U17 200M. Amelia Othman '22 finished fourth in the Under-17 high jump when she cleared the bar at 1.60 metres, tying her personal best height.







### Shrek continued...

A system for managing all the costumes is just as crucial. The team uses grouped costume racks and reusable shopping bags for each player, inside of which smaller bags hold costume accessories.

After each rehearsal, all the costumes have to be checked so that nothing goes missing.

"It's very important to be organised!" says Brianna.

In fact, she says keeping track of the costumes was the main challenge for her department.

"As there were so many students participating (in Shrek), and some had up to four different costumes, it becomes really difficult to keep track of them all."

And her favourite costume for Shrek? "Probably the Wicked Witch (played by Grace McNamara). Her costume was a combination of pieces that we made, bought and re-purposed. Her dress and hat were repurposed. Her cape and shoes were made, and we bought the gloves and tights. It was interesting to see the combinations come together to create a harmonious costume."

### **ALL TOGETHER NOW**

Harmony was also a goal for the play's choreographer, Jackie Costello '18, who says Mrs Thorpe sought her out when she heard Jackie was coming to BHS for IB.

"I knew Mrs Thorpe from her helping with the In Motion (School of Dance) shows and she asked if I would like to help with the school play," she recalls. "I choreographed Anything Goes last year, and it was a great experience. Mrs Thorpe asked me if I wanted to do Shrek, and I really wanted to be a part of it again."

Jackie has danced with In Motion

since she was three and is currently a member of the Senior Dance Company, but she had little experience with choreography before her time at BHS.

To prepare, she says she watched Shrek the Musical and videos of other schools' productions to get some ideas, but she wanted to put her own stamp on the dances.

"The choreography was mostly original because I wanted it to be different. I think the most difficult thing was finding a balance between choreography that was interesting and exciting, but not too challenging. I also wanted to design choreography that was funny and played to the audience."

She also appreciated the number of talented dancers at the school and says she enjoyed working with them, particularly integrating dancing, singing and humour.

"My favorite routine was the dance to the "Forever" song, which was sung by Donkey and the Dragon. The dancers in this scene were prisoners, and I enjoyed this dance because it was quite comical and it was nice to be able to try to make the audience laugh."

### **SLAYING THE DRAGON**

In perhaps the most challenging assignment for this year's play, a team of thirteen students and teachers was charged with building the Dragon.

"It was absolutely a collaborative design!" says team leader Mila Kendell '19. "The core team consisted of myself, Julia Cox '19, Andrea Wilson '19 and Emily Watson '18. Various other students, and occasionally teachers, also lent a hand when we needed help."

As both a technical and artistic endeavour, the dragon project is one that would fit comfortably into the STEAM curriculum.

"There was definitely an aspect of

engineering involved in this construction. For instance, we struggled with designing a way to hinge the jaw so that it could move while singing or speaking. For this, we employed the help of Mrs Swinburne and Dr Feito," Mila explains.

The materials were also an important consideration as they needed to be "light, sturdy and easy to work with". They settled on paper maché and wonder-flex, a moldable, heat sensitive plastic.

"As for the creative part of the project, we had to not only create a 3D design which looked like a dragon, but we also had to execute it," Mila says. "This was easier said than done because we could not see a real life dragon for reference, obviously!

"We had to make numerous corrections so that it resembled what we envisioned."

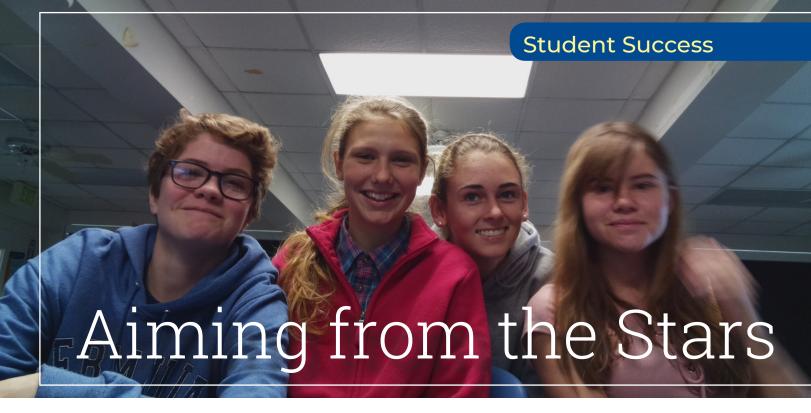
Time management was the main challenge presented by the Dragon, with the team having to scale back on their ambitions to meet the deadline.

"We met every week to work on the head; two weeks before the deadline, we had to increase it to working every lunchtime.

"If I could do it differently, I would spend less time on the rough armature of the head and try to leave more time for painting, decorating and adding details such as textured scales to the outside," concludes Mila.

On stage, the Dragon was also a group effort, brought to life by six puppeteers and given voice by the delightful singing of Chrysda Smith '19, producing a signature scene that surely made all the hard work worthwhile.





our BHS students have designed a science experiment that will be run from the International Space Station (ISS).

Mila Kendell '19, Yulia Isaeva '19, Mia Oleksak '21 and Katarina Rance '22 entered the 2017/2018 Astro Pi Challenge, run in partnership with the European Space Agency (ESA), and spent four months learning about the confluence of Space Engineering, Coding

and Electronics. Their experiment looks at whether lightning affects the magnetic fields above the earth (the magnetosphere) and was selected out of 212 entries from 22 countries.

The rules of the competition were simple, yet broad. The students were asked, "If you could design an experiment for the ISS what would it be?"

Supported by their Physics Teacher, Dr Feito, they used a mini-computer with a multitude of sensors to simulate their experiment and write programming code for a Raspberry Pi, a small single-board computer used onboard the ISS.

Mila explains how they came up with their experiment, "We were trying to generate ideas to use the instruments available on the Raspberry Pi.

"They are a gyroscope, accelerometer, magnetometer, thermometer, barometer and humidity sensor. We were throwing around variables that we could measure and compare to make a larger experiment."

With their idea in place, they then had to learn Python, the coding language of the Raspberry Pi.

"We took Python courses so we would all have at least basic knowledge of the

language," says Mia. "This taught me the importance of every team member being capable in whatever was needed for the project."

To further build their knowledge, they turned to the guidance of Dr Feito and also consulted Internet forums and online tutorials.

"Eventually we built an extensive understanding of the aspects of our project, such as the display, collecting and

Image: NASA

storing magnetometer data or camera

settings and imaging," says Mila.

With coding language learned, the girls then had to programme the computer to detect bright flashes and lightning from the images it captured.

"We experimented many times to try and perfect this, as it was the main focus of our experiment," says Yulia. "We used a variety of flashlights, and even a video of the earth containing visible lightning to test our code."

While taking part in such a challenge

has no doubt tested the girls, they all feel that they have learned a great deal.

Katarina, the youngest student in the group, learned a very valuable lesson which she says will help her throughout her school career, "I have learnt that to achieve my goals, I must be patient and I have to spread the work out. I can't do it all in one go."

For some of the older students, the project has solidified their choices for their

careers beyond BHS.

"I have recently been very interested in pursuing a career involving physics - specifically astrophysics, as it has been one of my main interests for a long time," says Mia. "This project inspired me in the sense that it gave me a lot more insight into the actual work done by scientists working at NASA and the ESA, so for me it was an incredible opportunity."

Yulia says she already knew she wanted to be an engineer before participating in this challenge, and that the experience has reinforced her ambitions.

"I absolutely loved the challenge and working through all the

difficulties that confronted us," she says. "I learned so much about how to program, which I know will be very useful in the future."

In April, the code will be sent to the ISS, and then the team will receive the raw data from their experiment. Next, to get deeper insight into the process of scientific endeavour, they will need to produce and submit a final report analysing their findings. Winners will then be chosen based on the merit of their final report.



This fundraising effort, conducted in less than three years, is the largest in the School's history and may be the most successful philanthropic effort in Bermuda's history.

This accomplishment, at a time when Bermuda is facing significant financial challenges, demonstrates the commitment of donors in the community to support education, and, in particular, STEAM education for girls.

"Women are underrepresented in boardrooms, in corporate leadership and certainly in the fields of technology, engineering and science," says Head of School, Linda Parker. "At BHS, we play an important role in ensuring that more of our girls consider careers in STEAM, by sparking a sense of wonder and curiosity, as early as possible, and then nurturing and challenging students' interests through our curriculum and inspirational teaching, in a state-of-the-art facility." Local architects Linberg & Simmons, in collaboration with education architects from Gensler, in the United States, were tasked with creating an inspiring design for the Innovation Centre, while also re-imagining beautiful new spaces in the adjacent Butterfield Building, to create

the Arts Wing.

Mark Thaler, Senior Associate and Education Practice Leader at Gensler, says that the designs specifically support the goals of a STEAM curriculum. Speaking at the unveiling of the designs, he described an "intentionality" in the design based on five drivers for the Centre: Connecting Knowledge; Embracing the Maker; Celebrating Creatvity; Spanning the Local-Global Gap and; Crafting the Game. Mr Thaler was part of the Gensler team that authored The ABCs of STEM, which connects pedagogical thinking, programmatic requirements, and conceptual building design.

"The building is organised around these five drivers. It is not just a collection of spaces; it is a campus," he said. The new learning spaces are orientated in a way that will encourage interactions between related disciplines, facilitate collaboration amongst students and teachers and accommodate a variety of learning and teaching styles.

The use of glass, in place of walls, will encourage participation and curiosity in all subjects, while modular furniture will allow classrooms to be reconfigured,

depending on what best suits the subject matter.

The new facility will include five new Science labs, two Computer Science and Robotics Labs, a Learning Commons and Library, a MakerSpace and a Leadership Centre for Girls. Renovations will include a Blackbox Theatre, in addition to the Arts Wing connected to the Innovation Centre, featuring upgraded Music and Visual Art departments, with an outdoor "Idea Hub" linking the Visual Arts with the MakerSpace.

Construction of the new 14,000 square-foot facility is expected to begin this Fall and will open to students in September, 2020. "Investing in Science, Technology and the Arts, particularly at a girls' school, really resonated with all of the people with whom we spoke," says Director of Advancement, Jennifer Burland Adams. "We know that we are preparing our students for exciting careers that haven't yet been defined, and that the combination of technical competencies, together with excellent problem-solving, collaboration and communication skills, will be key to their success.

"This is why a strong STEAM education



Connections to nature promote engagement with the environment and sustainability.\*

Reconfigurable furniture offers layout flexibility and blurs traditional classroom/discipline boundaries.\*

is so important, and why BHS is leading the way in this endeavour in Bermuda. The Campaign, spearheaded by Campaign Chair, Pamela Ferreira, and Chair of the Board, Mariette Savoie, along with the Head of School, and Director of Advancement, assisted by more than 30 volunteers, has secured gifts and pledges totaling more than \$10.5m. Ġifts range from \$20 to a precedent-setting \$1.5m and were donated by parents, grandparents, alumni, staff, trustees, companies and friends of the School.

Ms Savoie thanked the donors "not only for funding a new structure, but also for helping to build opportunity, support innovation and, most importantly, develop tomorrow's global leaders" In addition to the financial support from BHS families and friends, a number of companies have donated leadership gifts including Renaissance Re, Arch, the XL Foundation (XL Catlin), Aon, Deloitte, CatCo, Markel, Argus and BF&M. Additionally, Butterfield Bank has generously donated the land for the Innovation Centre.

To view the designs for the Innovation Centre please visit www.leadingtheway.bm.





\*From The ABCs of STEM, a Gensler research publication.

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Great care has been taken to recognise all who have contributed to The Leading the Way Campaign. We apologise if there are any errors and ask that you contact the Advancement Office so that we can correct them.



### **Global Education**

BHS students and teachers are offered a wide variety of opportunities to travel the world for educational and cultural experiences. The benefits of these trips are often best expressed by the students themselves. Below are reports from three recent trips in which the students share what they saw, learned and gained overseas.

### UNIS-UN Conference 2018 in New York City

UNIS-UN was founded in 1976 and hosts an annual conference focused on a contemporary global issue. Expert and engaging speakers are invited to present to an audience of 700 high school students, from international schools on five continents. For the past 40 years, the Conference has been held in the General Assembly Hall at the United Nations Headquarters, in New York City. This year, five students from BHS attended the conference, which was titled, "Under CTRL: Technology, Innovation and the Future of Work," exploring questions regarding the way in which innovations will improve lifestyle and efforts in development. UNIS-UN is an important, and often inspirational, experience for students, and two of the BHS delegation share their thoughts on attending the conference with Torchbearer.

Courtney Bromby IB1: Being in the UN General Assembly was an amazing experience, and I gained a lot of knowledge on Artificial Intelligence, and how it could affect my future career. The thing that stood out the most for me was that I was able to ask the speakers questions - I never thought I would have been able to speak in front of around 800 people!

Paige Martin IB1: It was interesting to me that the topic of the conference was technology, but the speakers were able to apply it to many areas, such as business and politics, as well as the ethics surrounding developments in technology. We had the opportunity to meet students from around the world who were interested in the topic as well, and, through the debates, we were able to hear many different opinions. To be in the General Assembly was eye-opening, considering how many important decisions have been made in that room. It is definitely a trip I would recommend."



**Global Impact:** BHS Students who attended the UNIS-UN Conference were able to attend the Global Assembly at the UN Building in New York, which left a lasting impression on their perspective of global decision-making.

## Language and Culture in Bordeaux, France

In April 2018, a group of Year 9 and Year 10 students travelled to Bordeaux, France, the hometown of Head of Foreign Languages, Esther Rozenberg, for an eight-day adventure of language, cultural immersion and culinary delights. The city centre is a UNESCO protected site, and, with most of it pedestrian, along with its close proximity to the Bassin d'Arcachon and the Dune du Pyla, it made an ideal choice for walking and exploring with the students.

The 11 students stayed with host families and attended language school each morning for three hours. Staying with French families provided the girls a glimpse into French family life, and they had the opportunity to practice their French speaking, and enjoy homemade French food – like croque monsieurs - upon their arrival!

Charlotte Weinstein '22 and Aria Turchiaro '22 describe some of their experiences in France:

At Bassin d'Arcachon, we walked around the city and visited a few historical sites. One was a metal tower that was designed by the same man who created the Eiffel Tower - except it was quite a bit smaller. Only eight people could go up at a time, and the view from the top was amazing. We also went to the tallest sand dune in Europe, the Dune de Pyla - it was huge! It took a while for us to climb to the top, and when we got there, it was so long,

we could hardly see where it ended!
On Monday morning it was time for our first
French class with France Langues, where
the teacher had us speak only in French.
In the afternoon, we did a walking tour
of Bordeaux, and visited a cathedral. On
the way back to the tram, we tried really
good pastries that were filled with cream;
almost everyone bought a bag of them.
More than a few bags were squished after
being stuffed into backpacks, on the way
back to the host families!

Later in the week we visited the Cité du Vin, a modern wine museum. We walked around the museum and listened to different audio and video presentations about the history of wine. Some of the videos even used 3D images, which was really cool!

There were also some sections of the museum where you would smell different scents which affected the taste and smell of wine.

On another day, after classes, we took a bus to a city called St. Emilion where we learned about the history of the city and climbed up a tower. It had exactly 118 steps (we counted!). The tower used to be a jail, and was quite dark and the stairs were steep in certain parts, but it was really exciting. When we got to the top, we were able to see an overview of the beautiful city. Afterwards, we went into a cathedral that a monk called St. Emilion created, and we had a chance to take pictures of the beautiful features of the cathedral.

Our favourite part was when we went to a little patisserie in the city and tried some



A Taste of Travel: Eleven Year 9 and Year 10 students took part in a cultural trip to Bordeaux, France, where they were immersed in the language, and took in a variety of learning tours and epicurean adventures.

tasty macaroons which were specially made in St. Emilion.

We want to say a big thank you to Ms Rozenberg and Miss Terretta for organising the trip and arranging all the really fun and interesting activities that made this trip so amazing!

### Round Square International Conference in Cape Town, South Africa

In October 2017, seven BHS IB students attended the Round Square International Conference, held over five days, in stunning Cape Town, South Africa. The Conference was hosted by three RS Global Member Schools which welcomed 1,127 delegates from around the world.

The theme for 2017 was "Unite to Ignite the Fire Within". Students had the opportunity to take part in adventure activities, service projects and numerous opportunities to develop and exercise positive intercultural teamwork and communication skills, through the work in the Baraza groups.

A term used by Round Square to describe workshops that involve a cross-section of delegates, 'Baraza' comes from an old African word meaning "the coming together of different people". During the adventure days, students and adults from different countries were mixed and had options to hike,

mountain bike, surf or kayak – all of which provided wonderful opportunities to see the best of Cape Town. On their service days, delegates visited local communities, served in local soup kitchens and volunteered at education centres where they gardened and played with local children.

The service aspect of a Round Square trip is usually one of the most rewarding and humbling experiences students encounter, and it was no different for the BHS students this time.

IB2 student, Camryn Swan, said of her experiences on the trip: "Before I went on this conference, I never fully understood what Round Square trips entailed, or appreciated the impact it would have. I thought it would be just like going to school in a different country, but it was so much more than that. I am so grateful that I took advantage of this opportunity, because it has been the best trip I have been on, by far. I've made so many new friends from all around the world, and my eyes have really been opened to the global issues and different perspectives that we aren't always exposed to here in Bermuda." The Round Square Conference also attracts educators from around the world. This year, Head of Secondary and Deputy Head of School, Catherine Hollingsworth, along with Round Square Coordinator and Secondary Science teacher, Frances Cook, were invited to present on how and why BHS is integrating STEAM into its curriculum. They spoke to conference delegates about the need for a new approach to teaching, and how it is important not only to teach STEAM subjects, but also to focus on developing a STEAM mindset in students.

Their presentation highlighted some of the ways that BHS is doing exactly this by: providing opportunities, both in and out of school, to develop STEAM competencies; developing future leaders through the Lead STEAM Practitioner Programme; creating a framework for Transdisciplinary Projects and; providing professional development for staff through their collaborative Professional Growth Plans.



**Well Rounded:** (left-right) Karina Forth, Camryn Swan, Ava Marshall, Isabella Wright, Lauren Mendes, Grace McNamara and Cassie Furtado and attended the Round Square Conference in South Africa. BHS faculty, Catherine Hollingsworth and Frances Cook, also presented on STEAM Education at BHS.

## Embracing the new age of technology

n an era of device-tethered young people it is easy to dismiss personal technology as an alienating distraction and the scourge of social development.

For two young BHS alumni this could not be further from the truth. Instead, experience tells them that access to technology is now part of growing up and can be both embraced and integrated into a balanced life.

Best friends since the age of eleven, Emmanuel Smith and Alex Thompson have always shared a passion for computers, video games and television. These interests have transformed into burgeoning careers in Artificial Intelligence (AI) and the study of outer space, respectively.

"The depth and detail put into computer software fascinates me," says Emmanuel. "I admire the fidelity of virtual worlds and the artificial characters within them. Being the sort of adolescent who took apart electronics, I would stop and wonder, 'How did they do it'?"

That curiosity lead Emmanuel to the realisation that in order to create new software he would need a computer – so he built one, from scratch. From there he taught himself computer programming over the Internet.

"To this day I don't know how I finished that build, especially given how easy it was to buy incompatible parts at the time."

Meanwhile, Alex says technology helped him both understand the world around him and explore completely new worlds: "Growing up, TV showed me the world through the eyes of different people. Some shows taught me moral and ethical frameworks and others gave voice to social constructs I had caught glimpses of, but hadn't yet quantified into a concise idea. Some just helped me empathise with radically different viewpoints.

"Video games taught me how to look at a system and find out how it works. The best of them incentivised me to come up with creative solutions to problems."



**Friendly future:** Alex Thompson '10 (left) and Emmanuel Smith '10 (right) both work at the leading edge of science and technology, inspired by youthful interactions with computers, video games and television.

"The best (video games) incentivised me to come up with creative solutions to problems."

In fact, Alex says, "There is a lot of work being done" to use the characteristics of video games in ways that will enhance education.

"Video games have a great grasp on incentive structures, and when they are aimed towards productive goals, education becomes self-sustaining."

Yet despite the attraction to, and aptitude for, technology, both Emmanuel

and Alex have an appreciation for participating in a wider array of activities. It is a perspective that was encouraged by their parents.

"A lot of people have this misconception that we should restrict technological interactions," says Emmanuel. "This comes from the idea that these devices have the capability to consume and diminish other aspects of life. It's not so much about the time spent on the devices themselves, it's how we use them during that time.

"All that being said, my mother always encouraged me to pursue other activities such as running, horseback riding, and dance; all quite far removed from my natural inclinations. Those activities challenged me in different ways, helping me to understand my capabilities."

The same was true for Alex when growing up.

"With such power to shape the products and ideas of the future, it is important to foster the development of forward-thinking individuals."

"As I had plenty of drive to explore the device-based domain (my parents) primarily encouraged the exploration of the physical domain. This helped me broaden my experiences and led to me finding some of my passions in life," he explains. "My own tech-life balance leans strongly in the direction of tech. I read, learn, study, write, entertain, socialise, work and engage in creative pursuits, and make discoveries, all on one device or another. One of the most important skills to teach would be how to go about making the best use of your computer to accomplish whatever task you have in mind."

These are thought-provoking observations from two intelligent and insightful young people, with advanced educational accomplishments and bright futures ahead of them.

They both credit their time at BHS with helping to prepare them for the rigorous academic paths they pursued. They each earned Bachelors degrees from the University of the West of England and Masters degrees from the University of Bristol.

Emmanuel is presently in the second year of his doctoral studies in the field of AI, while Alex is part of a research team, funded by the UK Space Agency, looking into the problem of space debris in the earth's orbit.

"The structure of the (BHS) IB programme aligns with the organisation of university courses. This correlation made the transition quite a comfortable experience," says Emmanuel, with Alex adding, "The work loads I experienced at BHS exceeded those I experienced in



**We're surrounded:** This image from NASA illustrates the potenitally hazardous field of "space junk" surrounding the earth, a problem Alex Thompson '10 is working to address as part of a team funded by the UK Space Agency.

the first and second years of University, leaving me with free time to pursue other interests, to further expand my knowledge base."

That pursuit may have a profound impact on life on, and beyond, our planet. According to its website, NASA is tracking more than a half million pieces of space junk orbiting the earth, and these pose a serious threat to space travel.

"My first encounter with the space sector was as a young child visiting the Kennedy Space Center in Florida. This sparked my imagination and has kept my interest in the space sector burning since," recalls Alex. "I focused on space debris after encountering the idea of the Kessler Syndrome. This is a theoretical scenario in which a collision of objects in low earth orbit causes a cascade of collisions to occur, resulting in an impassible field of high-speed debris. The resulting debris field could halt all missions to space, and block the use of satellites for generations."

The two science enthusiasts are encouraged to see BHS 'Leading the Way' with the new Innovation Centre and implementation of a STEAM curriculum.

"STEM is vital to the betterment of our society. Over the past few decades, each of these areas of knowledge has led to great advancements in our capabilities," says Emmanuel. "This includes progress in areas such as medicine, environmental understanding, and the development of handheld supercomputers - phones!"

Which brings the conversation full circle to the characteristics of a technologically advanced society.

"Think about it, we hold in our hands a connection to an endless supply of information and knowledge," concludes Emmanuel. "With such power to shape the products and ideas of the future, it is important to foster the development of forward-thinking individuals. With its Innovation Centre, BHS is in a good position to achieve this goal."

### Alumni Updates

### 1970s

Tracey Thatcher '78 writes: Not a lot of news to report except that we are all well here in the Big Apple! My older son James is a junior in college, currently enjoying a semester abroad in Florence! Lucky guy. Our younger son Nathaniel is a junior at Regis High School, a boy's Catholic school in the City. Soon we begin the college search for him. My husband Craig is working hard with no interest in retiring but I have retired! I worked with Craig for the last 13 years and decided in 2016 to call it quits. Sometimes I'm not sure what to do with myself though playing more tennis, which I love, volunteering at Regis and singing in a choral group helps. I am really looking forward to our 40th reunion. As I get older I miss Bermuda more and more and love coming home.

### 1990s

Alex Ratteray's '93 12-yearold daughter Leia Ratteray-Drover has received a scholarship to attend the Bolshoi Ballet Academy in New York City this summer, for a six-week session. Leia is currently a mid-associate at the Royal Ballet School in the UK, and in April she was accepted into The Academy of Balletic Arts in London. Leia is well on her way to achieving her ballet dreams!



Clare O'Connor '99 was named the new Editorial Director of Bumble, a female-driven connection platform with over 26 million users worldwide. Clare has been a strong female advocate throughout her career, having most recently covered female entrepreneurship and workplace equality in the tech industry, for Forbes. She is excited to take on the role to help grow Bumble Media: "At a time when there's a strong focus on the improvement of the status of women in every field, I'm delighted to take on this role."



Annabelle Collins '94 recently qualified for the FEI 2018 World Equestrian Games to be held this September in North Carolina. Annabelle currently lives in Spain, where she and her husband run an equestrian training facility near Barcelona.



Karen (Jones) Plianthos '99 recently held a Bald for My Birthday event on March 23rd . Pictured here from the class of '99 are (left to right): Kelly Glazebrook, Rachel Fuhrtz, Kristine Cornish, Karen Plianthos, Melissa Simpson, Elizabeth Madeiros, Janika Roberts, Michelle Lightbourn, with Karen's niece Elaine Jones and friends' daughters, Layla Lightbourn and Stella Simpson pictured in front. Karen raised \$8,346, and counting, to increase awareness and fund research for a cure to childhood cancer for Team Brennan Watkins.

More news for Karen: she married Nic Plianthos in South Africa on April 6th. 2017. Below is a photo from their wedding day with fellow '99 friends. "I am still so grateful that they travelled all that way - BHS friendships go the distance both literally and over the span of time!" (Left to right): Sophia Greaves, Samantha Edwards, Karen Plianthos, Michelle Howard, Emma Farge, Nadine Hendriks-Picalek. Karen also started her own business in June 2017, Bermuda Wine Concierge.



### 2000s

In November 2017, **Adrienne Smith '00** married Ian Lowe and they are now living back in Bermuda.

Rebecca Faulkenberry '01 worked on the 2018 Martin Scorcese film, "The Irishman", playing Al Pacino's daughter. Rebecca proves the adage that there is no substitute for hard work: "It's still unbelievable that I could be working on a movie that Scorsese is directing, but then you have to stop and say, 'I've worked hard and I deserve to be here'."

### welcome to the world



Lindsay (Davis) Butterfield '00 and her husband Richard welcomed daughter Hayes on August 9th, 2017.



Tiffany Calhoun Pierce '04 is happy to announce that she and husband, Kevin Pierce, welcomed a little girl, Riley Eryn Pierce, on January 15, 2018.



Tia (Smith) Crockwell '10 got married in December 2016, and welcomed Jaxon Crockwell in December, 2017.

**Kristina Juul '02** plans to travel through the Himalayas as part of a team of eight, visiting Humla, Kathmandu and Ghyangfedi with the non-profit organisation Adara. Another one of the team members is BHS alumna, **Pamela Barit Nolan '80**.

In 2017, **Jordan Simmons '08** graduated magna cum laude from St George's University and is working as a resident doctor in internal medicine at Albany Medical Centre in New York.

**Sarah Russo '09** attended St. John's University to study Risk Management and Insurance. After graduating in 2013, she worked at Willis Towers Watson in NYC for 4 years, and has now been with Ironshore since August 2017. She obtained an Associate in Risk Management (ARM) designation and Construction Risk Insurance Specialist (CRIS) certification.

On March 8th, 2018, **Kimberley Caines '01** married Joseph E. Best Jr. in St. Lucia at the Ruins in Pigeon Point, Gros Islet.



**Christina Herrero '06** was called to the Bermuda Bar in September, 2017. Christina has a background in human rights law and is currently working for Canterbury Law.

### 2010s

**Chantae Hollis '11** received a Further Education Award for her International Doctor of Medicine programme, at Caribbean Medical University.

**Asha Hoyte '13** received the Sir John W. Cox Post Graduate Scholarship from the Bank of Bermuda Foundation and is now attending University College London for her MSc Psychology of Education degree.

**Jada Pearman '15** received a scholarship from the National Dance Foundation for the third year in a row. The BF&M bursary will help with her studies at the University of Arizona, where Jada is majoring in dance and business.

**Brianna Mendes '17** qualified to represent Bermuda in the Carifta Games in the 3,000m. However, due to her university commitments Brianna did not compete at this year's games.

Three BHS alumnae received Workforce Development Scholarships: Rosemary Swain '17 to help with her nursing studies at Keele University in the UK, Chanta Hollis '11, who is studying medicine at the Caribbean Medical University, International Doctor of Medicine Program and Niyokei Hassell '13 who is studying for her Bachelor of Science (Health) at Middlesex University.

**Shanyce Morris '17** was named as one of the 2017 Bermuda Government Scholars. Shanyce is studying Politics and International Relations at the London School of Economics.



### BHS "Tri-Alumni" Excel

Erica Hawley '16 (left) and Tyler Smith '16 (2nd from left) continue to excel internationally in triathlon. Erica won the USA Collegiate Draft Legal Sprint Championships, in April, as a freshman, while Tyler finished 11th out of 75 competitors in the Junior Men's division at the 2017 World Triathlon Series Grand Final in Rotterdam. Both athletes also qualified to represent Bermuda in triathlon at the 2018 Commonwealth Games in Australia, with Erica finishing an impressive 16th and Tyler placing an equally impressive 21st.

Erica and Tyler then teamed up with Gold Medalist, Flora Duffy, and Tyler Butterfield to earn 5th place in the Commonwealth Games team event. Of the experience Erica said, "5th in the mixed team relay! It's not everyday I get to race as a part of a team, especially alongside the legends Flora Duffy, Tyler Butterfield and Tyler Smith. It was a real honour, and I know we made Bermuda proud." Tyler added that it was an "incredible experience to race in the Commonwealth Games with Bermuda's best." Erica says that to race to her full potential, she decided to take the semester off school (she is completing a double major in Neuroscience and Spanish at the University of Colorado, Boulder) and train in Arizona with her triathlon team, ORIGIN performance. "Triathlon has been and always will be a huge part of my life, and I can't wait to see how far it takes me."

**Nicole Nixon '19** has published her first book! *Fire Within* is available on Amazon in both book and kindle format. Nicole was at BHS from Year 1 through Year 8, before leaving the Island with her family in 2014; she is now a junior at high school in the US. Her mother writes that, "Nicole really enjoyed her time in Bermuda and at BHS and still has a lot of fond memories and good friends there (as well as a BHS brick in the yard!)."



The 4th annual **Toast to BHS** took place on September 17 with alumni around the world raising a glass to the official birthday of the school in 1894. A special reception was hosted by Board Chair Mariette Savoie and her husband Mark Smith. Next year will be BHS's 125th year!



### In Memoriam

BHS wishes to express its sincere condolences to all family and friends of the deceased.

F. Chesley White, Ruth White '32, Margaret Robertson '45,
Nancy Chapman '45, Dorothy Ann Garnett '54, Molly Godet-Thomas '66
Norma Jane Hutchings '78, Karen Graham '79, Vicki Benevides '88
Kerry Petty '96, Wayne W. Jackson (Board Chair 1988-1991), Veronica Jane Clarke

We sincerely apologise for anyone omitted from the In Memoriam Section. Please notify the Advancement Office of any omissions.

# Inspiring Excellence and Leadership





# Congratulations

# To alumna Deirdre Collins on being named the 2018 Rhodes Scholar

MPhil Environmental Change & Management

## Rhodes Scholars since 2007 have been BHS alumnae

2018 - Deirdre Collins, '13
MPhil Environmental Change
& Management

**2014 - Aliyyah Ahad, '08** MSc Migration Studies

**2013 - Eleanor Gardner, '09**MSc Comparative Social Policy

**2012 - M. Alisha Gabriel, '06** MSc Migration Studies

**2010 - Michèle H.B. Smith, '06** BA Jurisprudence

**2009 - Lucy C. Hall, '03** Masters in English Literature

**2007 - Christie Hunter-Arscott, '01** Masters in Women's Studies

BHS has over 120 years of experience in teaching girls.

This tradition of excellence is carried on by these amazing alumnae who continue to break barriers and inspire the next generation.







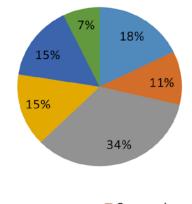


### **BHS Financial Report**

### Financial Information 2016-2017

### Sources of Giving

Friends of BHS	\$156,333	
Companies	\$96,000	
Foundations/Trusts/Associations	\$299,300	
Parents	\$130,200	
BHS PTA	\$134,500	
Alumni	\$63,600	
		■ Friends of BHS



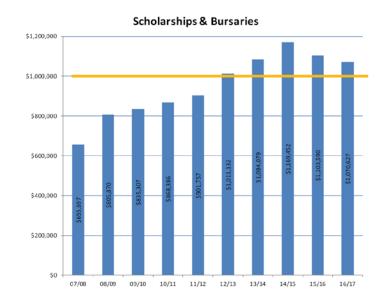
Friends of BHSCompaniesFoundations/Trusts/AssociationsParentsBHS PTAAlumni

\$879,933 In total annual donations for 2016 - 2017

Awards received for Tultion Assistance in 2016- 2017

### Scholarships & Bursaries

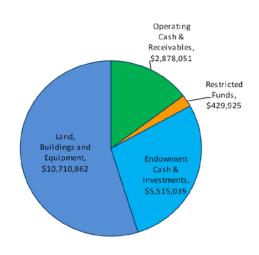
Year	Amount	No. of Awards
2012-2013	\$1,011,132	196
2013-2014	\$1,084,079	210
2014-2015	\$1,169,452	206
2015-2016	\$1,103,590	190
2016-2017	\$1,070,627	200



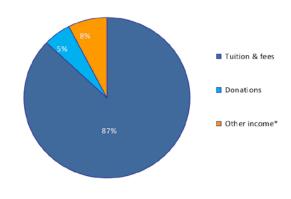
### **Balance Sheet**

		June 30 2017	June 30 2016
Assets			
Cash	\$	2,439,664	2,195,090
Fees & donations receivable	•	803,413	725,017
Other assets		158,818	173,806
Investments		5,421,120	4,657,096
Capital assets		10,710,862	11,044,152
Total assets	\$	19,533,877	18,795,161
Liabilities			
Accounts payable and accrued liabilities	\$	1,901,132	1,898,049
Prepaid fees and student deposits	•	805,400	909,722
Total liabilities	\$	2,706,532	2,807,771
Fund Balances			
General Fund - operations & capital assets	\$	10,882,381	10,558,992
Restricted Fund		429,925	524,655
Endowment Fund		5,515,039	4,903,743
Total fund balances	\$	16,827,345	15,987,390
Total liabilities and fund balances	\$	19,533,877	18,795,161
Income Statement		2017	2016
Revenues			
Tuition & fees	\$	14,276,935	13,531,948
Donations		879,933	654,839
Other income		1,247,047	424,839
Total revenues	\$	16,403,915	14,611,626
Expenses			
Salaries & benefits	\$	11,468,642	10,681,069
Plant, maintenance & depreciation		1,838,564	1,793,565
School resources & administration		1,186,127	1,432,355
Scholarships & bursaries		1,070,627	1,103,590
Total expenses	\$	15,563,960	15,010,579
Net income			<u> </u>
General Fund - operations & capital assets		230,704	343,879
Restricted Fund		(202,045)	(728,399)
Endowment Fund		811,296	(14,433)
Net increase / (decrease) in fund balance	\$	839,955	(398,953)

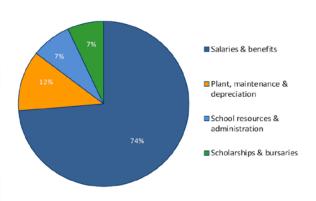
### **Assets**



### Sources of Funds



### Uses of Funds





The BHS Campaign for Innovation www.leadingtheway.bm

19 Richmond Road, Pembroke HM 08, Bermuda www.bhs.bm email: info@bhs.bm Tel: 441-295-6153

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