



October 2020

# STEM NEWSLETTER

## Content

### GENERAL NEWS:

- WHAT IS STEM FAMILY COMMITTEE (1)
- EDITORIAL TEAM (1)
- MEET PRINCIPAL SMITH (2, 3)
- STEM GEAR (4)
- STEM ADVISORY BOARD (4)
- NANOTECH DAY (4)
- REDUCING STRESS (5)
- SGA ELECTIONS (6)
- SPIRIT WEEK (6)
- PROJECT E-HEROES (7)
- UNITY DAY (7)

### 9TH GRADE:

- NASA ASTRONAUT DON THOMAS VISIT (8)
- LUNAR PROJECT (8)

### 10TH GRADE

- SCIENCE FAIR (9)
- ADORATION OF JENNA FOX (9)
- VIRTUAL JOB SHADOWING (10)
- PATHWAY PROJECTS (10)

### 11TH GRADE

- GREEN STEM SUMMIT (11)
- MENTOR-MENTEE KICKOFF (11)
- NSA INTER PROGRAM (12)
- COLLEGE TOURS (12)
- NANOTECH CRYSTAL EXPERIMENT (12)

### 12TH GRADE

- INTERNSHIP SPOTLIGHT (13,14,15)
- COLLEGE APPLICATION TIPS (15)

### TEACHER SPOTLIGHT (16)

### REMINDERS (17)

### RESOURCES (18)

## - General Bulletin -

### WHAT IS STEM FAMILY COMMITTEE?

Neel Garg

If you've been in the STEM-sphere for a bit of time, you've for sure heard about the STEM Family Committee, and more importantly, you may be wondering what it is, and how it works. STEM events and products, like the newsletter you are reading right now, the STEM Welcome Night, and other STEM events are all run and created by the wonderful STEM Family Committee Team. Run by STEM students, with Mrs. Pautsch, Ms. Arn and Mrs. Lyon, the committee are the people working behind the scenes for your favorite STEM events. This year, to make things simpler, we have 3 wonderful co-chairs as the head for the 3 main aspects of STEM, and their teams.

### MEET THE EDITORIAL TEAM:

**Chair-** Arusa Malik (11th)

**9th -** Eman Zia

**10th -** Lilly Fisher, Ke Shi , Jaylene Miranda, Autumn Rose Strawbridge, Natalie McDonald, Neel Garg

**11th -** Kira McGuire, Elizabeth Barker, Tina Shi, Megha Thomas, Anthony Morgan

**12th -** Emily Etter, Rohan Bhatt



## MEET PRINCIPAL SMITH



On October 28th, in the early morning hours, a little girl was born to a lower income family living in Gwynn Oaks, Maryland. The little girl was the second child and younger sibling to a special needs' son born three years and three hundred sixty-four days prior. She was named Stacey Marie Goode. It became apparent, at a very early age, that I had a passion to work with kids and wanted to become a teacher when I grew up. Many days, I would spend time in the basement “playing” school and found a calling that would later become my career. I often questioned my teachers about the profession and later in my high school career garnered the support of one teacher, Ms. Pestridge, who helped guide me to the woman and educator I have become today. In 1999, I started my career by accepting a job out of college with Anne Arundel County Public Schools at Solley Elementary. I had found my calling; I started teaching 5th grade. It was here that I began to master the art of teaching and continued to explore my options. I stayed in the elementary school for five years teaching 5th and 3rd grade. During my fifth year of teaching, an opportunity presented itself to enroll in a master's program where I earned a degree in Instructional Systems Development with an emphasis in Mathematics. This degree opened doors, and I moved to Old Mill South Middle School to teach Mathematics in 8th grade and eventually Southern High School as a member of the Mathematics department. While I loved my teaching job, it became apparent that I wanted to challenge myself and open doors to support other teachers who were new to the profession. I was offered a position in Anne Arundel County to travel in the Right Start Mentoring program. I followed this path for one year and found myself in the position to advance into Administration. This was a very difficult decision, but I knew the impact I could make in students' lives beyond my classroom and those of a new teacher were worth the next set of challenges. In 2009, I began my Administrative career as one of six Assistant Principals at Old Mill High School. I worked each day to support students, families and teachers navigating the high school world and beyond. Opportunities continued to present themselves, as Leadership approached me to move to two other schools, Arundel Middle and Southern High, respectively for one year continuing my role as an AP before moving back to Old Mill High School. If you didn't know, when you become an Administrator, you serve at the pleasure of the Board. At any given time, you could be called upon to move to support another school, another staff.

My return to Old Mill High School afforded me the option to pursue the Principalship.

It was with great honor that I accepted the role and worked with students, families and staff in a new capacity. I have learned that leading a school is not always what one perceives. It is a position where you must be organized, transparent, flexible, and honest. Each day can bring a new set of challenges and rewards. In the Spring of 2020, many things shook our nation, our state, our county with the rising pandemic- known as COVID-19. Many decisions had to be made to support learning in a new viable format that kept health and safety at the forefront. During this time, South River began a search for a new Principal to follow in the footsteps of an esteemed colleague, Mr. Myers. With the search announced, this became my opportunity to rise to a new challenge and come to a school where I was familiar for a whole different reason. I am the mother of two children- Mason (Class of 2019) and Kayla (Class of 2012). Both of my children graduated from South River High School. I am proud to say, that because of the South River staff, my children are thriving post high school. Mason is currently finishing his second year in college; looking at a degree in Criminal Justice. Kayla has completed her undergraduate and graduate degree in Clinical Social Work and is currently working for the non-profit organization- Children's Guild. I firmly believe, that while my childhood may have been difficult for many reasons, I persevered and wouldn't change my experiences. The pathway that was presented at each stage in my life, has helped me grow personally and professionally. I lead with the philosophy that I will always do what's in the best interest of students, of staff and of the community. This doesn't always mean that we, collectively, will agree- but that is ok. I strive to be visible, vigilant and vocal; continuing my quest to lead South River to new and exciting heights.

### Principal Smith



Once a Seahawk,  
always a Seahawk.  
Welcome to the  
Nest Principal  
Smith!

# STEM GEAR

Jaylene Miranda

Hey STEM students, the new STEM slogan has been chosen! I hope you guys are ready to check out the new special edition STEM gear that is now for sale in the STEM spirit store. You can go order your new gear here:

<https://srhsstemholidayshop2020.itemorder.com/sale>. We will be selling new and improved SRHS STEM Zen pullovers that come in black or blue, along with a new SRHS STEM CUSTOM Applique Hooded Sweatshirt that comes in Carolina blue. While you're there, you can check out more STEM gear like masks, beanies, and sweatpants- necessities for the changing weather. The store closes on November 15th so hurry! Go and get your STEM gear soon (all orders will be sent straight to your home)!

## YOUR 2020 STEM ADVISORY BOARD

Bronwyn Patterson  
Catherine Schaffer  
Dilnaz Hasim  
Jackson King  
Joshua Malkiewicz  
Kayla Walker - President  
Mia Jovic  
Michael Burgess  
Seneca Ricewoolfe

The board is in charge of planning and creating many STEM engagement events, such as the mentor-mentee kickoff!

For any questions or suggestions, please email [stem.advisoryboard.2021@gmail.com](mailto:stem.advisoryboard.2021@gmail.com).



## NATIONAL NANOTECHNOLOGY DAY Autumn Rose Strawbridge

National Nanotech day was October 9th! Nanotech day is on the 9th of October to credit the nanometer scale, 10<sup>9</sup>. A quick google search will bring up tons of podcasts and videos if you want to learn more and get involved. This year,

South River students were challenged with participating in the 100 billion nanometer dash, equivalent to 100 meters. Check out #100BillionNanometers or #NationalNanoDay on social media to see how it went!



**Mrs. Pickens and Mrs. Chen participated in the 100 billion nanometer dash on October 9th!**

# REDUCING STRESS AND STAYING ENGAGED

Elizabeth Barker



If you told someone in 2019 there would be a global pandemic a year later, nobody would have believed you. But the improbable is now a living reality. There is no face to face contact with teachers, friends and even family because of the constant danger of a virus looming over everything we do. It is difficult for everyone to navigate through these tough times. For students, it is even worse. Learning virtually can be a stressful experience for everybody. It's different. No one said it was easy. But, despite all odds, you have made it- and you can do this. Take a break if you ever get stressed. Stretch. Take a 15-minute exercise break.

Hours of online learning is not good for your body or your mental health. Remember to stay social. There will always be someone to fall back on if you are feeling stressed. You may not be able to see each other physically, but a virtual conversation can prove to be invaluable. Don't let isolation creep on your back. If you find yourself alone, make friends! Clubs are a guaranteed way to find people with the same interests as you. If you have difficulty with a class, talk to your teachers! They are there to help you learn. Go to their FLEX times if you are struggling. Lastly, remember to manage your time. It is definitely an overused line, but it is overused because it's true. Virtual learning is a completely different breed than in-person learning. No one will force you to do the work. It's your choice. If you wait until the last minute, you will likely be stressed and unable to complete your assignments. Your teachers will know if the work was done last minute. Just do your work on time. Virtual learning is already stressful, don't add to it. If you need to reach out to someone, please contact a school counselor or reach out to the Anne Arundel County Crisis Hotline. Call 410-768-5522 or text HOME to 741741. Remember you are not alone.

# SGA ELECTION RESULTS

## LILLY FISHER

The SGA officers for the 2020-2021 school year are:

President - Alex Kline  
Vice President - Arusa Malik  
Vice President - Destyn Hughes  
Treasurer - David Nelson  
Secretary - Leah Burge

The class of 2021 (seniors) officers are:

President - Julia Cobb  
Vice President - Mitchell Long  
Vice President - Harley Herndon  
Treasurer - Lily Baker  
Secretary - Kaylee Bates  
Historian - Luke

The class of 2022 (juniors) officers are:

Calvin Robinson  
Lara Hibbert  
Avery Spagnolo  
Erin Tebbe  
Josh Zehe  
Kelli Lynch

The class of 2023 (sophomores) officers are:

Darby Doyle  
Lindsey Hutchins  
Sabelle Hoge  
Seton Gerrity  
Muthu Dharmalingam  
Caleb Oh

The class of 2024 (freshman) officers are:

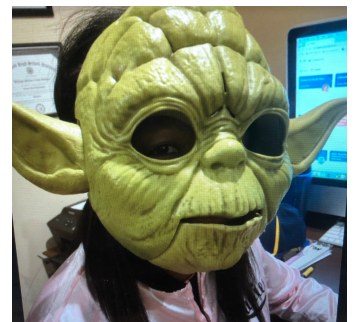
Sam Cobb  
Lily Mullen  
Chloe Kravitz  
Campbell Werwie  
Katie Zehe  
Vincent Zapata

# SPIRIT WEEK

## Jaylene Miranda

Spirit week has come to a glorious end and a big thank you goes out to everyone who dressed up and participated in homecoming week even without homecoming! Especially in these tough times, it is always nice to see you all show your school spirit as proud STEM South River Seahawks from home. Hopefully during our next spirit week we will see even more cameras on and more fun outfits. Everyone enjoyed seeing your sporty looks on Monday, tropical outfits on Tuesday, wonderful wacky Wednesday ideas, school spirit wear on Thursday, and your festive Halloween costumes on Friday! Keep up the great work and show your school spirit Seahawks!

**CONGRATS OFFICERS!**



# PROJECT E-HEROES

Ke Shi

Project E-Heroes is an endeavor that STEM, AVID, and Signature Program students across all grade levels are currently working on. They are creating a surprise for teachers- as a means of encouragement. It has been a huge challenge for teachers to adapt to e-learning and they have worked so hard to make the best for their students in the virtual learning environment. We would like to recognize them for all their time and hard work. Students can pick up supplies for this project from South River High School, at any time between 8:00am and 4:00pm, from Monday to Friday. The deadline for the drop-off of the final posters and letters is set to the date Friday, November 13 in A101. For more information, please email Mrs. Lyon at [jclyon@aacps.org](mailto:jclyon@aacps.org). Remember! This is a surprise for teachers so try not to specify what it is exactly.

# UNITY DAY 2020

Arusa Malik

On October 21, schools across our county came together to celebrate Unity Day 2020, an initiative of the National Bullying Prevention Center designed to visibly show commitments to fostering acceptance and inclusion and eliminate hate and bullying. As part of that event, the National Bullying Prevention Center encouraged participants to wear orange as a clear indication of their commitment against bullying. At South River, we had many students, teachers, and administrators participate! Thank you all for spreading acceptance and inclusivity.



# - 9th Grade Bulletin -

## Visit from Astronaut Don Thomas

Eman Zia

On October 14th and 21st, 9th graders had the opportunity to talk to a guest speaker - Astronaut Don Thomas! During the first meeting, Mr. Thomas introduced himself and his space travels, which extended from space delicacies (his favorite was shrimp cocktail) to the feeling of being back on Earth, and the sudden force of gravity. During the second meeting, students were introduced to the Lunar Project, where they will design a base on the moon. Mr. Thomas related his experiences and proposed ideas for the structure of the base etc. to get students started for their own research on a voyage to the moon!



## Lunar Project

Eman Zia

Through a collaboration of GCC and System Science, 9th graders are assigned a Project-Based Learning endeavor, in which 5-6 students are teamed up to design a base on the moon. The Lunar Project will use students' ingenuity, collaborative skills, and creativity to form a highly researched model of a base on the moon. This project will have specific portions ranging from the air filtration systems, to the materials used in designing a space helmet. Students are encouraged to be innovative and work together to conceive a project out of this world!



# - 10th Grade Bulletin -



**Reminder:** If you are a current junior who won a position in last year's regional science fair, make sure you pick up your medal in the front office.

## SCIENCE FAIR

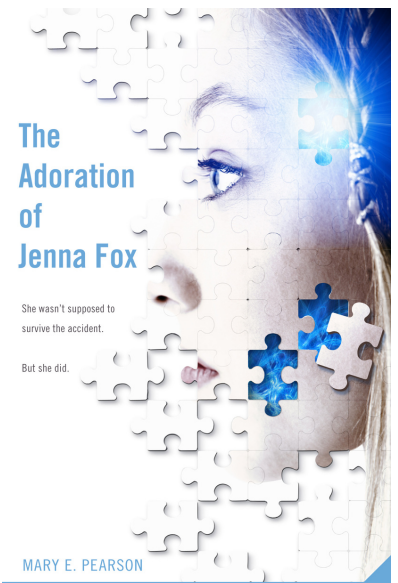
Autumn Rose Strawbridge

Going into their second year of work, sophomores are finishing up their science fair projects. Ranging from computer science to biochemistry and behavioral science, South River will be represented by all sorts of awesome engineering and science ideas. Due to the COVID pandemic, students were given the choice to opt out of science fair, leaving only a handful of students participating, all of whom have great projects. This year's science expo will take place in Annapolis on March 5th through the 6th with the awards ceremony on the 11th. Make sure to be on the lookout for how to view your peer's projects. Good luck to everyone participating!

## Adoration of Jenna Fox Project

Lilly Fisher

After reading the novel *The Adoration of Jenna Fox* for their summer assignment, 10th graders completed a project highlighting the presence of their pathway in the novel. The students were grouped based on their investigative question of interest, and worked together both in class and outside of it. They created presentations, videos, and interactives, and learned how to adapt to presenting our new virtual setting. The final product of each group was recorded, so every student has the chance to view their peers' work.



# PATHWAY PROJECTS Natalie McDonald

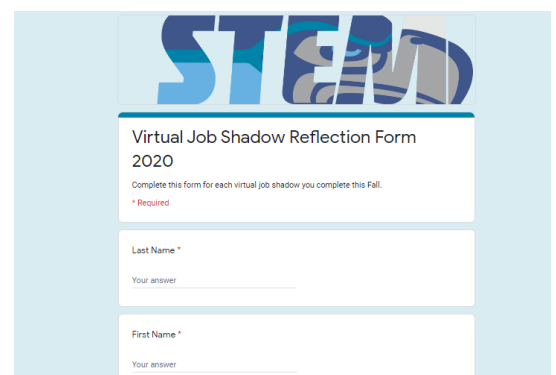
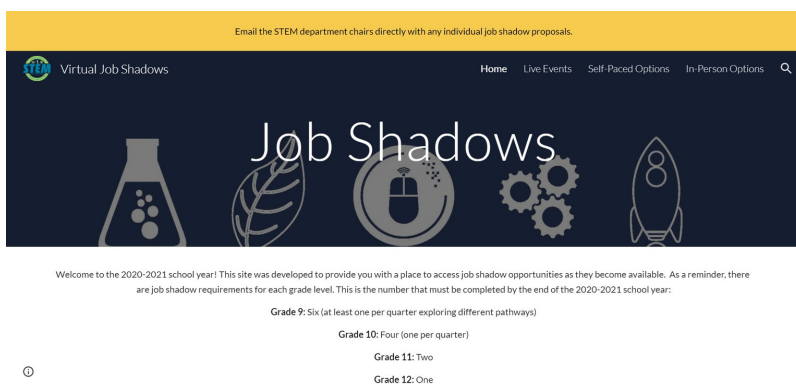
The due date for 10th grade term projects is coming up. All sophomores assigned who were assigned a term project for Q1 of their pathway classes will have to submit them by November 8 through the following week.

These projects include multiple variables and requirements that are necessary to demonstrate your prior knowledge of the subject matter. Make sure you are submitting your projects on time and using the given class time (if any) to finish and get assistance with any components needed within the project.

## VIRTUAL JOB SHADOWING

Lilly Fisher

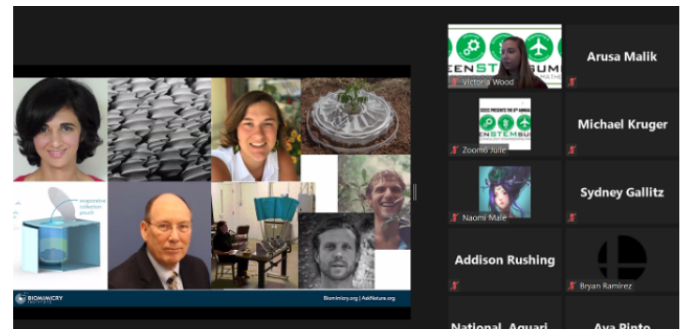
The deadline is coming up for STEM sophomores to finish their job shadowing for Quarter 1! Students should complete their chosen activity by November 13th, the end of the quarter. You can find both scheduled and self-paced options on the job shadow website, <https://sites.google.com/aacps.org/virtual-job-shadows/home>. Once you have completed your job shadow, complete the google form found at <https://forms.gle/NrQxwpmYGLLMNdFp8> to get credit for your work. Job shadows are a great way to connect with possible internships, learn more about your pathway, and get experience!



# - 11th Grade Bulletin -

## GREEN STEM SUMMIT Arusa Malik

On October 24th, 11th graders from the Green Technology and Nanotechnology Pathways attended and competed in this year's annual Green STEM Summit hosted by Lockheed Martin. There were almost 100 speakers who talked about their career fields. The tracks which students could attend ranged from Engineering and Technology, Advanced Manufacturing, Natural & Physical Sciences, Environmental Art, Ethics, and Design, Biomimicry & Biotechnology, and a separate bonus category for special STEM events. The summit ran from 11 AM EST to 3 PM EST. A huge congrats to students from South River that placed at the summit: Erin Fischer (1st Engineering and Technology), Nicholas Todirita (3rd Environmental Art, Ethics, and Design), Arusa Malik (2nd Natural and Physical Science), Genica Samantha Bustos (2nd Natural and Physical Science), Megha Thomas, (2nd Natural and Physical Science), Allison Downs-Perez (2nd Natural and Physical Science), Elizabeth Barker (2nd Natural and Physical Science), Lillianne Davis (2nd Natural and Physical Science), Chloe Polk (3rd Natural and Physical Science), and Natalie Smith (3rd Natural and Physical Science)!



## Mentor-Mentee Kickoff Arusa Malik

On October 28th, junior STEM mentors had the chance to meet with their freshman mentees. Each junior had four or five Freshman mentees. The kickoff event was hosted by the STEM Advisory board, and students had a chance to get to know each other and learn more about each other's interests. The junior mentors act as a guide when it comes to the STEM program, and provide freshman with any guidance in subjects, opportunities, and other STEM focuses.

# COLLEGE TOURS

Tina Shi

College has always been an important thing for the junior students to think about. Junior STEM students have been participating in college tours! There were also many college information sessions on Naviance where students registered in advance so they could get to know more about the colleges they were interested in. It also allowed students to ask questions and show their interest to the colleges. By attending college tours and informational meetings, students were able to better connect with the colleges they're interested in.



# NSA WORK STUDY

Kira McGuire

Internships are a great way to get experience in a real work environment and there are plenty of opportunities for STEM students to get involved. A recent opportunity for the junior class was the National Security Agency's High School Work Study Program. This program is for those students who have an interest in business, computer engineering, graphic arts, manufacturing, and construction. Internships help students to get more immersed in their desired STEM field. Even though it's only November it's a great idea for juniors to start searching for internships that peak their academic interests as we approach the summer.



# Nanotechnology Crystal Project

Tina Shi

Junior STEM students in the nanotechnology pathway have been working on their crystal project! There were pick up days for supplies assigned by Ms. Chen. The crystal project is a long term assignment from October to November where students focused on growing alum crystals and taking daily observations. The final product of the project will also include a journal write with a reflection and a picture of the final crystal.

# - 12th Grade Bulletin -

## Internship Spotlight

EMILY ETTER AND ARUSA MALIK

We interviewed a few STEM seniors who completed outstanding internships. We asked them about their experiences and how they benefitted from them. Read on to learn more about internships our current seniors have done!

### MICHAEL BURGESS - PROJECT LEAD THE WAY



#### **How would you sum up your internship?**

I took part in an online internship with Keystone Research Solutions. I was given the task of being a research assistant. During this internship, I performed research using online databases such as: Eterna, Zooniverse, and FoldIt.

#### **What did your day-to-day tasks look like?**

My day-to-day tasks consisted of documenting my research based on each specific task I would do. Typically, I would spend the majority of my time solving biomedical puzzles on Eterna and create an entry line for Eterna. Then I would document research on each puzzle. Next, I would document research on Zooniverse for a variety of subjects such as: animal structures, constellations, and galaxy structures. After I finished classifying pictures on Zooniverse, I would close my entry line and save my research page for the day. Usually, I would do these two tasks eight hours a day during the week.

#### **How has this internship influenced your career goals/aspirations?**

Being a research assistant for Keystone Research Solutions inspired me to pursue a degree in biomedical engineering through Eterna research. As I documented Eterna research and analyzed RNA sequences, I found it fascinating and it inspired me to want to be in the medical field.

#### **What benefits did this internship provide you with?**

This internship provided me with technical and documenting skills. Specifically, in learning how to properly write research entries. In addition, through completing over 100 puzzles in Eterna, I learned how to properly solve RNA sequences with mutations. From completing a variety of Eterna puzzles, I received the opportunity to be a panelist at Stanford University's 6th annual Eternacon Convention.

#### **What kind of a person would you recommend this internship for?**

I would recommend this internship for someone who is hardworking, organized, and is passionate about science.

## GREEN TECHNOLOGY- SIMELA ARNOLD



### **How would you sum up your internship?**

My internship was at the Annapolis Maritime Museum (AMM). I was a camp counselor that taught kids about the environment through different lessons.

### **What did your day-to-day tasks look like?**

My day-to-day tasks were to keep the kids active throughout the day, make sure they were engaged in the lessons, and to keep the kids safe. We emphasized hygiene due to Covid-19 and we made sure all surfaces and supplies were cleaned by the end of the day.

### **How has this internship influenced your career goals/aspirations?**

This internship has influenced my aspirations in a job/major that is based around biology. I was on the fence of a job that is related to biology and this internship helped me make a final decision. I have applied to some schools for a biomedical engineering major, and I may minor in education because I have an interest in teaching.

### **What benefits did this internship provide you with?**

This internship helped me transform my position at AMM into a paid job which I am grateful for because now I have work experience and money to save for college.

### **What kind of a person would you recommend this internship for?**

I would recommend this to someone who enjoys working with children because I worked with kids whose ages ranged from 5 to 11. I would also recommend this to someone who is creative because this internship requires interns to make a lesson plan. The lesson has to be creative in order to get the kids involved and engaged.

## COMPUTER SCIENCE - ROHAN BHATT



### **A few sentences to sum up your internship?**

During my junior year, I was accepted into the NSA work study program as previously mentioned in the newsletter, however, my security clearance for the internship was unfortunately cancelled because of COVID-19 around May of 2020. Because of this, I was forced to apply elsewhere for internships, but I found one with the AACPS Co-Curricular Office which was being an eSports Research Assistant.

### **What did your day-to-day tasks look like?**

I had the opportunity to do official research on real ways we could implement eSports in Anne Arundel County and I'm happy to report that eSports in our county may be coming soon! My duties consisted of researching the eSports world, conducting interviews with employees and leaders in the space, and conducting further research with my team members to create a white paper.

### **What benefits did this internship provide you with?**

I benefited from this internship as I got to talk to CEOs of companies and I got tips from successful people in the business world on how to follow your dreams in a realistic manner.



## **A few sentences to sum up your internship?**

I did my internship at a company called ERP International, LLC. ERP is a government contracting company that primarily works to recruit medical professionals and employ them at a variety of government and military health institutions. Over the summer, I was a business services intern. I worked within the Human Resources department to assist with assigned tasks, duties, and projects. My mentor was Ms. Nicole Rockett, additionally, I worked with about four other HR employees to assist them with their projects and assignments.

## **What did your day-to-day task look like?**

Many of the assignments I completed had to deal with the credentials of the employees at ERP. Some of my day to day tasks included downloading employee documents from iCIMS and putting them into employee folders, sending emails to employees to notify them of expiring certifications, updating employee's talent and educational profile, and adding employee's business unit to invoices.

## **How has this internship influenced your career goals/aspirations?**

In the future, I want to become a physician. While my work did not directly relate to this aspiration because this company works to recruit medical professionals and healthcare workers, I gained some exposure to the types of credentials these professionals need to have in order to work in their field. Through this internship I was also able to speak with an Anesthesiologist. We discussed the activities that I am doing in high school to prepare me for a career in medicine and discussed his experiences that led him to choosing medicine as his career path. Overall it was very helpful to hear from someone who is in a field I could possibly go into and hear that I am on the right track going into college.

## **What benefits did this internship provide you with?**

This internship helped me become acquainted with the skills necessary to work at any job. Sending professional emails, working with Excel spreadsheets, and interacting with co-workers are all things I will do regardless of profession. In addition to the skills that I strengthened over the summer, the connections I made with the Anesthesiologist also benefited me.

## **What kind of person would you recommend this internship for?**

I would recommend this internship for anyone who wishes to go into business, contracting, and accounting. Throughout the summer I learned a lot about how a business is run and what it means to work in the corporate world and have an office job. Anyone who is interested in any of these fields would really benefit from an internship like this.

## **College Reminders and Tips**

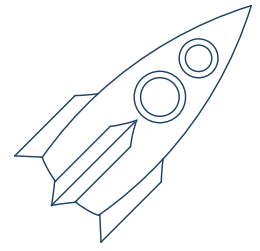
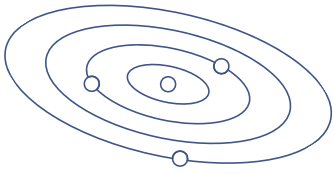
**Megha Thomas and Rohan Bhatt**

- Congratulations to everyone who submitted their early applications! Remember all UC (University of California) schools are due November 30th for early action!
- Note that many regular decision deadlines for college applications are coming in January, so keep working hard seniors!
- If possible, start looking and applying for scholarships! Niche.com is a great resource for finding scholarships tailored to you! Link: <https://www.niche.com/colleges/scholarships/>
- College Board also has great opportunities for scholarships that you can sign up for just by staying on top of your applications! Link: <https://opportunity.collegeboard.org/>
- If you have any college related questions, do not hesitate to reach out to our counselor: Mr. Brainer (bbrainer@aacps.org)

# OCTOBER STEM TEACHER

## SPOTLIGHT

MR. HAMRUM



### Professional background?

I started teaching at Chesapeake Science Point doing middle school science, Chemistry, Physics, and AP Environmental. I then spent two years being the Science DC at Lindale Middle before I got the opportunity to join South River, which is something I had wanted to do for years. I am thrilled to be teaching Technology and Engineering because I get to continue learning new things and there are so many cool things you can do as a teacher.

### Best thing about STEM at SR?

I am amazed at how STEM works with students to maximize flexibility. The different pathways, the after-school programs, the shadowing, the internships... it all adds up to a customized experience that allows students to do amazing things.

### What motivates you?

I think it is extremely important that people feel they can be themselves. I try to structure classes so students don't just learn what they have to learn, but feel free to apply it in ways they find interesting or useful.

### What is your favorite in-school memory?

Checking in with the EDD kids - the creativity and the progress they were able to show was consistently awesome.

### What is your most listened to commuting to school song this year?

Wow, not much commuting going on lately. When I do go in to the school I usually listen to Flora Cash.



# REMINDERS

- Project E-Heroes Drop Off is November 13th
- Live Tumor Board Meeting on November 18th
- Software Design and Development Webinar on December 2nd
- Last day to order STEM gear: November 15th



The Most Fun in Science: Rockets and Astrophysics



LIVE Tumor Board Meeting  
Wednesday, November 18, 2020, 3:00-4:00pm

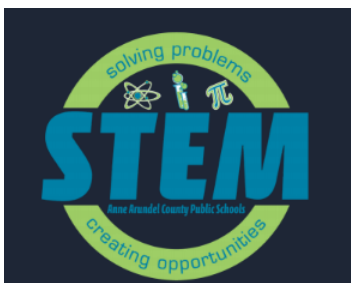


# OPPORTUNITIES

- CRASC (Chesapeake Regional Association of Student Councils)  
Google Classroom Code: uq2xdci
- Let's Talk Justice AACPS Google Classroom Code: ntjhodj
- AACo Service Learning Team Google Classroom Code: pkzxxmm
- ACE Program of Annapolis Google Classroom Code: 5n6wh4a

**If you attend these web series, make sure you complete this form:**

<https://forms.gle/6J811tQ7yKNYXFn87>



## Note from the Chair

Hello everyone! Thank you so much for reading the STEM newsletter. We hope you enjoyed this month's edition. The goal of the newsletter is to inform students, teachers, and parents of pertinent happenings in our ever growing STEM world. If there are any suggestions or comments that need to be made, please email me at [to.arusa.malik@gmail.com](mailto:to.arusa.malik@gmail.com). We will use these comments to make future editions even better. Also, if anyone is interested in joining STEM Family Committee or the STEM Newsletter Editorial Team, please email me or Mrs. Pautsch ([mpautsch@aacps.org](mailto:mpautsch@aacps.org)).

Stay safe,  
Arusa Malik

# ADDITIONAL RESOURCES

Free hot lunch pick up:

<https://www.aacps.org/mealpickup>

Find a school counselor:

<https://www.aacps.org/site/Default.aspx?PageID=862>

COVID-19 Information: <https://www.aacps.org/coronavirus>

Incident report form:

<https://secure.aacps.org/webapps/SEFP/OSOS>

Anne Arundel County Crisis Response System Warmline  
410-768-5522

The Maryland Youth Hotline 1-800-422-0009

Student Safety Hotline 1-877-676-9854

## COMMUNITY WARMLINE

Crisis Response System

**410-768-5522**

**24 HOURS A DAY,  
7 DAYS A WEEK**

For Anne Arundel County Residents  
in crisis. Get assistance and  
resources within the community.

**Reminder to all: You are  
not alone in your  
hardships! Please reach  
out if you need it.**

**CRISIS TEXT LINE |**

**Text HELLO to 741741**  
Free, 24/7, Confidential



A suicide prevention network of 161 crisis centers that provides a 24/7, toll-free hotline available to anyone in suicidal crisis or emotional distress.