



# Good News Bulletin

## May 2023

### MAY STUDENTS OF THE MONTH:

We are proud to announce The Students of the Month have been selected for May 2023 They are:

**Freshman – Alina Chaudhary**  
**Sophomore – Sarayu Vejju**  
**Junior – Collette Dranchak**  
**Senior – Priyanka Ranganath**

The above students have met the following Criteria:

1. Must meet high academic standards in class.
  2. Exhibit positive character and influence on class/school, dignity, respect, trustworthiness, responsibility, caring, and citizenship.
  3. No unexcused lates of any kind for the month.
- No discipline referrals in the last month.  
Congratulations to all of you!

### HOSA

#### The following students placed in the top ten at the HOSA Regional Conference

Tarun Sriram 8<sup>th</sup> Place Dental Terminology

Remi Briglin- 3<sup>rd</sup> Place Medical Spelling

Veda Sanghi- 4<sup>th</sup> Place Behavioral Health

Sia Mathur- 4<sup>th</sup> Place Medical Spelling

#### The Following students placed in the top five at the HOSA State Conference

Remi Briglin- 2<sup>nd</sup> Place Medical Spelling

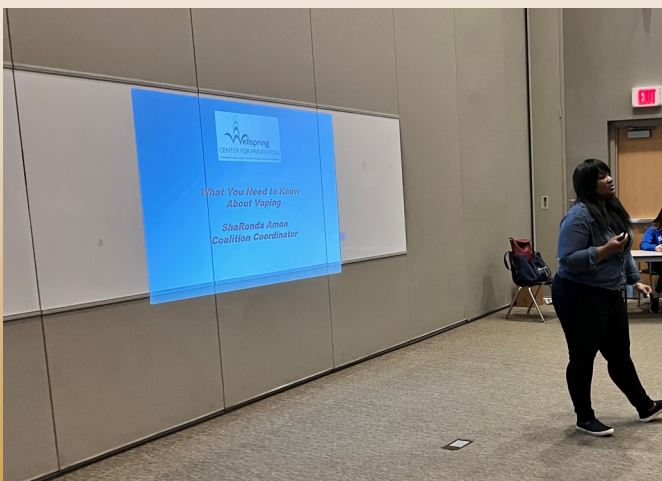
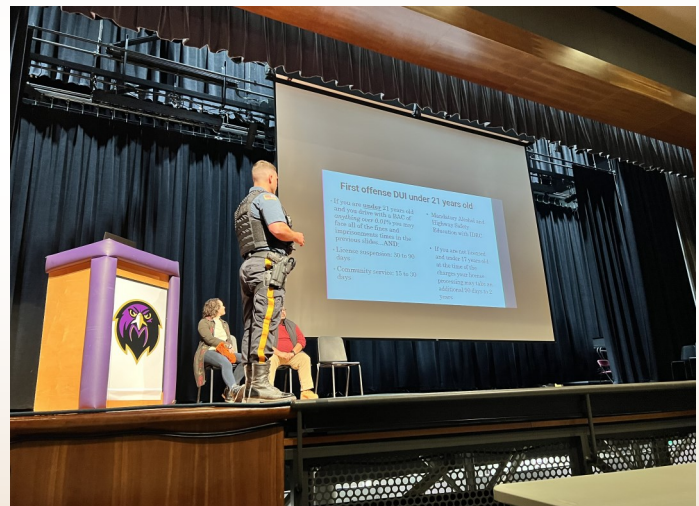
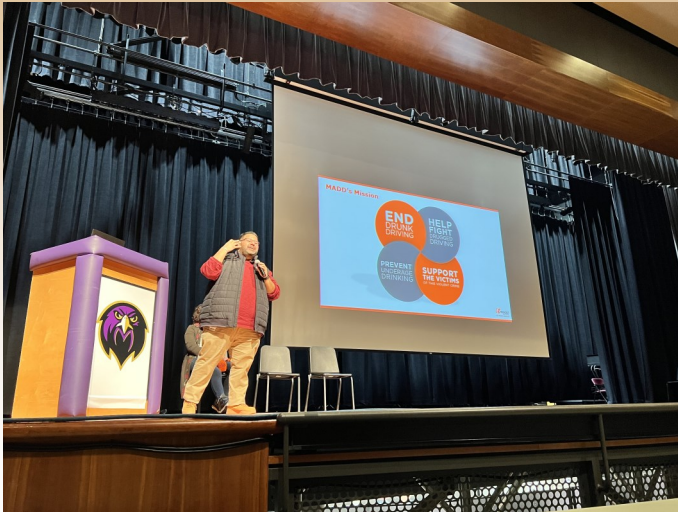
Shania Tiwari, Sreehasa Muppa, Nishmitha Thambi, Manya Vij 5<sup>th</sup> Place in Team Creative Problem Solving

Remi Briglin will be attending the ILC International Leadership Conference in Dallas this June.

## SPRING ASSEMBLY

May 2<sup>nd</sup> and 3<sup>rd</sup>-

Wellspring Center for Prevention came to speak with 9<sup>th</sup> grade health classes about the dangers of vape use



May 19<sup>th</sup> -

MTHS hosted Mother's Against Drunk Driving (MADD) and Monroe Township Police Department in an assembly to talk with our 11<sup>th</sup> grade students about the dangers of driving under the influence and laws associated, prior to prom.

## LIGHTS CAMERA ACTION CLUB



Students in the Lights, Camera, Action Club earned third place in the 23<sup>rd</sup> Annual Middlesex County “Don’t Drive Dangerously” PSA Contest. The contest was open to teens in all public and non-public Middlesex County High Schools and was created to highlight the dangers and consequences of driving while impaired or distracted. The students in the club produced a 60 second Public Service Announcement addressing the dangers of distracted driving. Their PSA, titled “Momento de Suspenso,” used the format and tropes of the telenovela to teach the audience that no cliffhanger is as important as your life – so put away your phone while driving! The winners were announced at Middlesex College at the May 23<sup>rd</sup> screening event and workshops, and the \$500 prize winnings will go toward Senior Scholarships.

Video Production and Writing for Electronic Media students also participated in the contest by submitting audio and video PSAs. The students were advised by Mr. Boris Hladek and Ms. Larissa Miller. The event is co-sponsored by the Middlesex County Board of County Commissioners; the Middlesex County Superintendent of Schools; NJ Division of Highway Traffic Safety; Wellspring Center for Prevention; Robert Wood Johnson University Hospital; and MADD-NJ.







## BOY'S LACROSSE

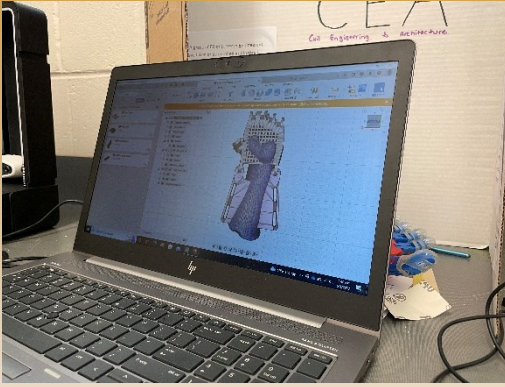
Boys Lacrosse Team won the GMC Tournament on May 20 over St. Joes 7-3

That was the Boys Team 5th consecutive GMC Tournament championship in a row.

# ***5 Time GMC TOURNAMENT CHAMPIONS!!***



## 3D DESIGN



My colleague Nicole Gross approached me about designing a prosthetic hand for her six-year-old son Jackson. I was honored, excited and nervous at the same time to undertake this challenge for a child. We were able to successfully design a prosthetic arm for a student that graduated last year, however, we had more time, and the recipient was right here at the high school, (to troubleshoot the project along the way).

This project, however, was completely different, (as we were tasked with designing a hand tough enough to be battle tested by a six-year-old who loves to play outside with his friends). Working as a team, Mom created a hand cast, and utilizing 3D software, 3D Scanning equipment, and 3D Printers, we were able to design a “Spidey”

hand for Jackson without him losing any playtime.

My student Corin Hoppe took the lead on this project and went the extra mile to ensure that Jackson would not be disappointed. It is a pleasure to work with Corin and other students here at MTHS who are driven and self-motivated. Without the support of the Jackson’s parents, colleagues in my department (who offered their services without reservation) and my supervisor Zach Morolda, such wonderful projects like this one and the previous undertaking would not have been possible. Corin and I will have the opportunity to be a part of Jackson’s life. In fact, Corin has a desire to go to school to study medicine, but I have encouraged him to consider “Biomedical Engineering.” Nevertheless, whatever career path he selects, he will undoubtedly be successful.

***By Max Nixon, Drafting/Engineering Instructor***

This project has been a significant part of my high school career and a driving force in my education. After entering Mr. Nixon’s drafting class for the first-time last year, I fell in love with it, which eventually led me to spearheading this project. It was definitely a tricky one, from getting the hand cast to finding the right scale to print the hand, it has been a long and work intensive venture. One of the 3D printers even broke in the middle of the project, restraining us to only two printers! But the work has most definitely been worth it multiple times over. Being able to 3D print a prosthetic hand for a child who needs it has been very rewarding, and I’ve learned so much throughout! The applications of 3d printing are unimaginable, and if I, a high school student, am able to give the gift of a functional hand to a kid with an irregular limb, who knows what may be possible in the near future! I am really happy to be a part of this project, and happy that I am able to bring brightness to someone else’s day!



***By Corin Hoppe, MTHS Student***

We can’t thank Mr. Nixon and his students enough for this amazing gift for Jackson; while he has made tremendous strides over the past few years, this prosthetic hand will not only help him in his everyday life, but also make him the coolest kid around. Thank you to everyone involved in this project.

***By Nicole Gross, Proud Mom***





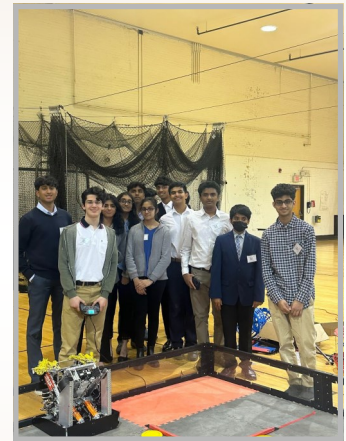
## TECHNOLOGY CLUB



### Technology Student Association (TSA) State Conference

The members of the Monroe Township High School Technology Club showcased their talent and dedication at the recent Technology Student Association (TSA) State Conference held at The College of New Jersey on May 3rd, 2023. This year's event was particularly special as it marked the return of in-person conferences following the upliftment of COVID-19 restrictions. The club left an indelible mark, claiming top honors in multiple competitions and making the day an unforgettable experience for all members.

The highlight of the conference undoubtedly belonged to the exceptional performance of the MTHS Robotics team. Months of meticulous preparation paid off as they secured the coveted first-place position in the fiercely competitive VEX Robotics category. Their triumph was a testament to their unwavering commitment, technical expertise, and remarkable teamwork.



Adding to the club's list of achievements, the MTHS Engineering Design team displayed their ingenuity and problem-solving skills in the Engineering Design event. Despite the intense nature of the competition, they captivated the judges with their innovative approach, earning a well-deserved third-place finish. This accomplishment further attested to the club's ability to tackle complex challenges with creativity and precision.



## TECHNOLOGY CLUB CONT'D

Participating in the TSA State Conference was an unforgettable experience for all members of the MTHS Technology Club. The joy of competing in person, networking with like-minded individuals, and exchanging ideas served as a tremendous source of inspiration. The achievements garnered during this conference have ignited a renewed determination within the club to excel in future events.

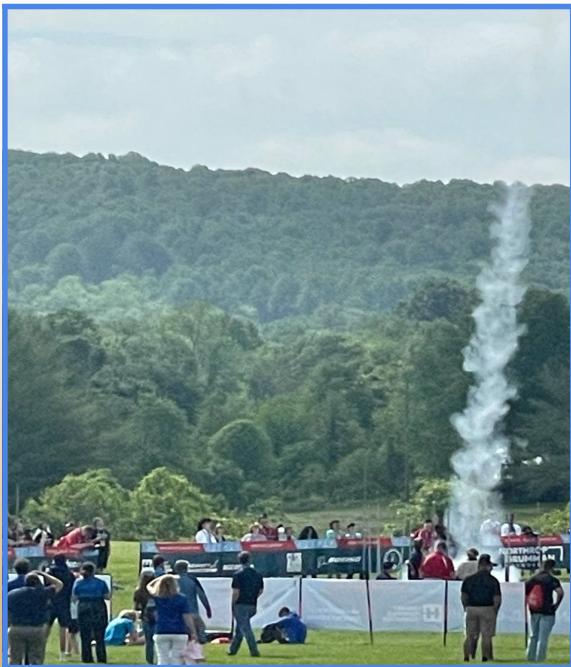
The MTHS Technology Club's exceptional performance at the TSA State Conference serves as a testament to their talent, hard work, and unwavering dedication. Their accomplishments not only exemplify their technological prowess but also reflect the strength of the school's commitment to fostering innovation and excellence. The valuable lessons learned at the conference will undoubtedly serve as guiding principles for the club's pursuit of excellence in the future. Their commitment to continuous improvement and innovation will ensure they are better prepared to tackle upcoming challenges and surpass their expectations.

As the conference ended, the MTHS Technology Club members left with a sense of pride, fulfillment, and motivation. Their triumphs at the TSA State Conference have fueled their passion to excel. With each passing year, their dedication and drive will only strengthen, ensuring a bright and successful future for the MTHS Technology Club. The future looks promising for this exceptional group of young innovators as they continue to push the boundaries of technological advancements and inspire others with their outstanding achievements.

## ROCKETRY

### **Rocketry - Nationals (TECHNOLOGY Club)**

The American Rocketry Competition team from Monroe Township High School's Technology Club qualified as National Finalists in their first season competing and went to Virginia for the National competition.



The goal of this competition is to launch a model rocket to an altitude of 850 feet carrying an egg as payloads and safely recovering both the egg and the rocket within a time limit of 41 - 44 seconds. At nationals, the MTHS team placed an impressive 70th place in the nation.



## TENNIS

On May 15-18, the MTHS Boys Tennis Team competed at the Greater Middlesex Conference Tournament. The team finished 4<sup>th</sup> overall in the county. Sahishnav Grende and Amogh Shetty finished 4<sup>th</sup> at the Second Singles flight. Gurjot Singh was the overall Champion at First Singles. He won the tournament without losing a single set. He will be competing in the NJSIAA Boys Singles Tournament from Jun 10- 15 at Mercer County Park. Go Falcons!!!!

## ENTREPRENEURSHIP & INNOVATION CLUB/ ENTRE X

### MTHS Entrepreneurship & Innovation Team Won First Place in the 2023 STEAM Tank Challenge

Team StudyHungry won First Place in the STEAM Tank Challenge - an entrepreneurship competition organized by the New Jersey School Boards Association in partnership with the U.S. Army.

Shaurya Sarma, Dhruv Shetty, and Eric Wong of Team StudyHungry designed, developed, and launched their eponymous productivity app. They competed in multiple rounds of the STEAM Tank Challenge to earn the top honor and prize of \$2,500.

Team StudyHungry was also recognized in the "Jedi" category reserved for projects with notable societal, social, and emotional impacts and a focus on justice, equity, diversity, and inclusion.





## MTHS Entrepreneurship & Innovation Team Won Third Place in the NASA Technology Spinoff Design Challenge.

Two MTHS Entrepreneurship teams competed in the virtual NASA Spring Design Sprint. The challenge involved using three NASA technologies in spinoffs - innovative social or business applications of these technologies. Competing teams were given a little over a week to conduct research, ideate a solution to a consequential problem using NASA technologies, and develop a compelling pitch for a business or social venture.

Team **SafeGuard** wowed judges by utilizing two of the three available NASA technologies in a school safety-focused project and **won Third Place** in the competition.

(Left to right: Aditya Jain, Riva Paripati, Vansh Sanan, Simone Mehta, Harrison Wolk)



The judges praised Team TrafficGo for its environment-saving vision, professional presentation, and in-depth scientific research and encouraged students to continue working on their idea.

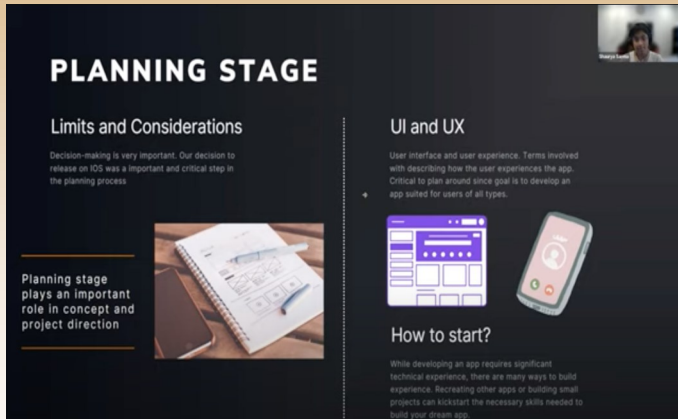
(Left to right: Suniti Suresh, Taanya Kumar, Tharika Madireddy)



### Webinar

The Entrepreneurship and Innovation Association conducted an App Development Webinar in which Team Study Hungry shared their experience, process, and tools for designing, developing, and publishing an app. The recording of the webinar is available in club's Schoology Group: W4NK-56JV-2SH2G.

(Image: EIA member Shaurya Sarma, the developer of Study Hungry, discussed the technical steps of app development.)



### EntreX Lab and EIA Students Attended the Diamond Challenge

The Entrepreneurship and Innovation Association and EntreX Lab (Dual-enrollment Entrepreneurship Class) students attended the Diamond Challenge at the University of Delaware. The Diamond Challenge is an international entrepreneurship competition and summit. The students had an incredible opportunity to network with prominent business leaders and emerging entrepreneurs from all over the world and attend workshops and venture pitches.

(Photo: EntreX Lab and EIA students with Entrepreneurship and Innovation teacher and advisor Ms. Marina Vitalin at the Diamond Challenge at the University of Delaware.)



*We are very proud of all of our students and their accomplishments!*

