



DE EQUITIBUS

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Many juniors applying for National Honor Society membership

Buddy Breakfast first of many activities that involve members

By Lindsay Newfeld

With a new school year comes a new crop of juniors ready to join Tempe Prep's National Honor Society! This year, NHS has an amazing turnout of juniors applying for membership within the society. But NHS is a prestigious activity and there are requirements to first of all become a member, and secondly to remain a member.

NHS is, after all, a service activity so it makes sense that all members are required to serve 15 total volunteer hours each semester. Eight of those hours must be with NHS group projects each semester. Teen Court and Feed My Starving Children (FMSC) are two organizations that TPA's chapter of NHS has partnered with and participation in these activities count



The annual Buddy Breakfast, which was held on Oct. 10, pairs NHS members with sixth graders.

towards your NHS group hours. Every member of NHS must participate in at least one teen court session and one FMSC session per semester.

Make sure you register for these activities on x2VOL and hold your commitments. There are a limited number of spots for each session and everyone needs to meet their quota of group hours.

All members of NHS also need to have 10 leadership points by the end of the year. Leadership points are earned when you: present a leadership spotlight, plan an NHS groups activity, attend a Tempe Prep Board meeting, bring treats to meetings or donate items to the Student Store, and participate in the peer tutoring program.

NHS General Meetings are held on the second and fourth Tuesdays of the month in Room

406 and are mandatory.

The NHS 6th Grade Buddy Letter program is in full swing and we had a very successful Buddy Breakfast after fall break. This is an excellent project as it allows the newest members of our community to connect with upperclassmen who will look out for them and show them the ropes of surviving at Tempe Prep. NHS is also preparing for a partnership with the Environmental Club to complete a Campus Beautification project.

If you ever have any questions about requirements to maintain membership in NHS or any of the projects NHS has organized, talk to President Abby Everding or Vice President Jeffrey Snoddy. NHS is a national organization and we have the privilege of having our very own chapter. It is an amazing extracurricular to put on college applications, but it is also just a great opportunity to give back to the community!



During the Buddy Breakfast, sixth graders share their interests with NHS members, who help them adjust to the rigors of Tempe Prep.

Paideia and Jupiter gaining acceptance as this year's major improvements at Tempe Prep

By Katherine Camberg

Tempe Prep is always changing, and that is especially true this year. TPA has introduced a new system for submitting grades, called Jupiter. Tempe Prep has also started having a time after lunch called Paideia that students could use to get tutoring, work on homework, or play sports with Mr. Lambros. But how are the students and faculty adjusting to these changes?

Dr. Porter talked about these new changes saying, "Like anything new, we're getting used to it, but as we use it more, we'll find out how best it can be implemented." As time goes on, students and faculty alike will get more used to the changes, and find out how to use them to their advantage. Our students seem to be enjoying their extra time at Paideia, and Jupiter makes it easier to access grades.

There has been only good feedback concerning Paideia from teachers. Students have better access to required and non-required tutoring.

Tempe Prep student Emily Casey says, "I love Paideia because I love spending some extra time at school with my friends to review any work I'm struggling with and talk about our school day!" Other students have mentioned that they like how Paideia



breaks up the monotony of their day, and gives them options on how to spend their time.

Jupiter has also been fairly well received. Teachers are using it to replace their grading books, and it makes entering grades easier. It also makes grades more accessible to students and parents. Many parents are responding positively to Jupiter. The only complaint about Jupiter is that some students have been having trouble logging into their accounts.

Dr. Porter has said that Tempe Prep is planning on keeping Jupiter, and he is confident that Paideia will continue to be used. He says that the school year over all has gone very well. Over all these changes have been a good thing for Tempe Prep.

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POP QUIZ

- 1) What's the secret to becoming a top speller?
- 2) Who or what was Tron?
- 3) When did TPA have a Sword Club?

Answers:

You'll find them in the archives at deequitibus.com

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Anyone interested in participating is invited to attend.

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High school students plan Halloween party for TPA sixth graders on Oct. 27

By Theresa O'Connor

Hey 6th graders! Are you looking for something exciting to do this week? Then come to the 6th grade Halloween party.

The party will be on Oct. 27 on the TPA campus from 6 p.m. to 8 p.m. The admission for each person is \$5. There will be many activities, games, stations and a costume contest.

So bring your scariest costumes that are school appropriate and be ready to have some fun! There will be prizes and pizza.

I would like to give shoutouts and many thanks to our lovely hosts which will be Dr. Porter, Mrs. Hunt, and many high school student volunteers. Hope you can come to this amazing event and show TPA spirit! Don't miss out.

First Robotics team leaders take on greater responsibilities

By Rachel Dinh

If you happened to take a look into Morsch Mechanics, the workshop where the high school robotics team meets every Saturday, you'll see a familiar face: Alminatus. Alminatus is the robot built for last year's FRC (First Robotics Competition) tournament that earned the Creative Award. With a state tournament coming up on October 15th, the team is trying to polish up Alminatus to get it as fully functional as it was in last year's tournament. The objective remains the same: crossing the opponent's defenses, shooting "boulders" into the towers, and finally scaling the opponent's towers.

Aimee Cheng gives insight on how the season has been so far: "It's been pretty great. There was a lot to fix on our robot, but we were able to fix mostly everything and even made some new changes. For this upcoming competition I think we will do pretty well because we are more experienced."

One change in this year's robotics team is that the mentors have let students run each team, which includes mechanical, electrical, programming, scouting, communi-



Olek Piechaczek, left, helped build last year's robot. He is the leader of this year's mechanical team.

cations, CAD (computer-aided design), Field, and Drive. This certainly instills a sense of responsibility on the leaders. Olek Piechaczek is the leader of the mechanical team, and one of his jobs is giving tasks to the less experienced members.

Olek, who's been with the team since freshman year, shows how robotics is both

enjoyable and practical. "It shows you what it's like to be an engineer, working with materials to make a product or in this case a robot. You learn how to take motors, aluminum sheets, bolts, and wiring into a cohesive build. And through that whole, you learn to work together with fellow teammates to make the best possible robot."

Prior knowledge of robotics is not required to join the team. If you join, you can discover the different aspects of each team and find out which part you'd like to part of. What is needed, however, is dedication and passion to the club. Ask any of the Robotics members from last year, and you will find out the countless hours spent at Morsch near tournament-time. You might also feel the excitement that comes along with robotics tournaments,

as you see the long-time members' eyes light up whenever they talk about getting 5th place in the world in 2015, or just beating the Holy Cows.

Junior high robotics team begins work on two new bots for season

By Maya Kostov

Robotics is all about teamwork. You have to work together to build, program, and

design every part of the robot. The Junior High VEX Robotics team is off to a great start this season.



VEX Robotics members work on the base for their next robot.

In robotics, there are two distinctive groups. There are the programmers and the builders. The programmers work to protect the robot, whether it's in autonomous (no control) or self-driving. Eighth grader Andre Chavez says, "I like being a programmer because it's a great practice for later usage of programming skills and

the software that we are using visualizes programming very well, thus providing a strong basis for programming."

Currently, 8th graders Adam Lucero, Daniel Tsark, and Waley Lin are building lifts for the two robots. The purpose of this is to have something to defend against other robots but to also score points.

Adam says, "My favorite part about robotics is using the portable saw to cut pieces of metal in half."

Louis Terynik, Marzuk Hasan, Matthew Surin, and Estevan Roig are building the bases for the two new robots for this season. They also need to attach wheels and motors onto the bases. Then the bases are sent to the programmers where they see how the base is built and program accordingly.

Naomi Palmer and a few of the other members are taking apart the robots from last year to use for parts. Their first competition is coming up fast and, at this rate, they will do amazing.

Summer program helps Joya Ma explore fashion design

By Clara Moffitt

This summer, Tempe Prep Junior Joya Ma hit the streets of New York City. She was selected to participate in the summer program, Fashion Design Visual Presentation. This is a three-week long program at the Parsons School of Design.

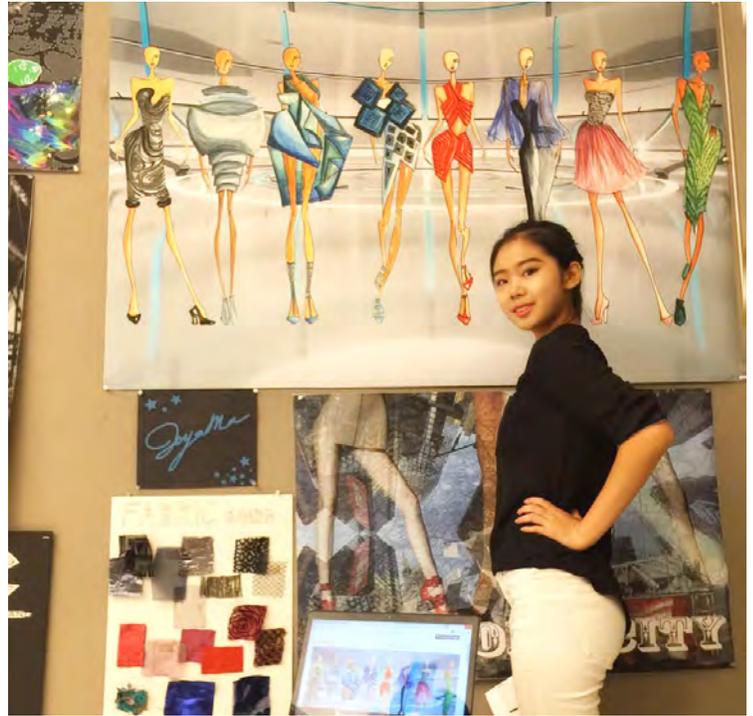
In this program, Joya was asked to design collections based on different objects that none of us would think of as becoming an outfit. Some of these included crumpled and folded pieces of paper and the buildings in New York City. To see some of Joya's designs, go to joyadesign.wixsite.com/joya.

In this program, Joya was able to open her mind to new ideas and new perspectives of looking at different objects and ideas. She even got to draw some live models. Joya says about the experience, "It was very intense, but after all, it was fun and unforgettable."

Joya began to like fashion design when she was 13. She has always had an appreciation for art and is very creative. Joya likes fashion design because she is able to pour her thoughts out onto paper in a show of shapes and color.

She says, "Fashion design is a perfect combination of creativity and reality [through which] I can make all of my ideas and thoughts real." She also appreciates that fashion design is flexible. "I can express my ideas in whatever way I want!" she says.

Joya would like to apply to a fashion design college and pursue it as a career. The Fashion Design Visual Presentation program allowed Joya to open her mind and she looks forward to seeing her ideas become reality in the future.



Joya Ma with some of her creations.

Tech management program draws Jacob Matsumoto to Penn

By Jasmyn Genchev

This past summer several students participated in summer camps across the country, hoping to experience which colleges will offer the best opportunities for them. Through learning about these experiences, students can become more aware about what they want to spend the rest of their life doing.

Jacob Matsumoto, a senior at TPA, did just that. Jacob's first choice school is the University of Pennsylvania, so he wanted an opportunity to spend his summer experiencing college life there. After searching for camps at the school, he learned about a business/engineering program taking place there, and applied immediately.

The program, Management and Technology Summer Institute at Penn M&TSI, apparently had an extremely selective selection process, with over 500 applicants and only 50 spots open. But Jacob's hard work, especially in school activities, paid off giving him a solid opening to the program. "I think participating in FIRST Robotics, and many TPA extra-curricular activities and sports set me apart from other applicants," Jacob says.

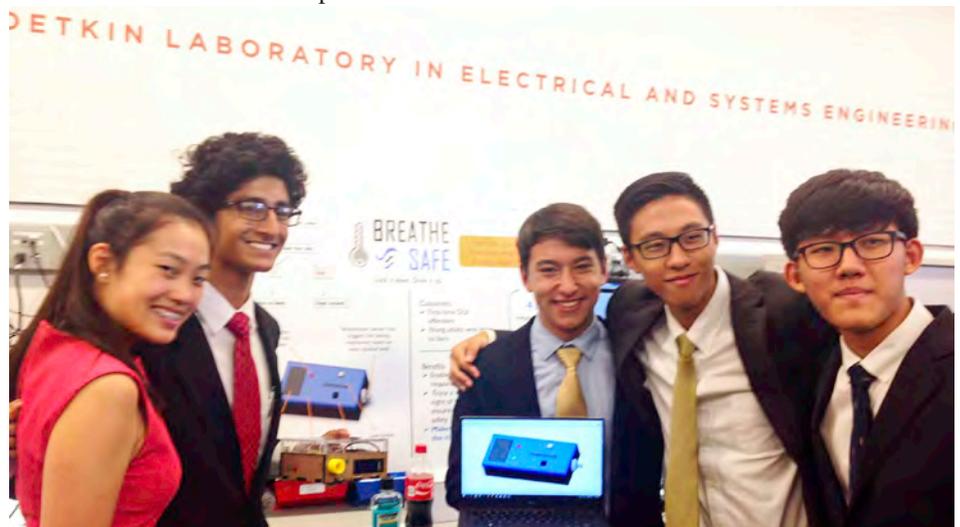
Not only did he enjoy the classes but also all the amazing people he met. "I learned tons about business and many different branches of engineering," Jacob says, "but what was most important was the amazing achievements that high school students

can have."

One of Jacob's main team projects was to create a working prototype of a breathalyzer, a device that determines blood alcohol content from a breath sample, and a business plan to market and sell it. Jacob explains that the program "showed me how challenging college will be, making me stay up until 3 a.m. or later every night. But also how rewarding college will be as well."

When asked if summer camps are im-

portant for students to take part in, Jacob replied, "I think summer camps are an amazing opportunity for high schoolers to decide which college they really want to go to." He goes on to describe that the camps are usually offered on college campuses and taught by actual professors, giving a student a much greater understanding and a deeper view of the college, better than one could get by looking anywhere else.



Jacob Matsumoto, center, with other participants in the Management and Technology Summer Intitute at the University of Pennsylvania.

Alum Zimmerman steps up her game at Columbia U

By Katherine Camberg

Camille Zimmerman, a 2014 Tempe Prep alum and basketball star, is leading an exciting life at college. She is attending Columbia University in New York City, and playing on their women's basketball team. She also had an intriguing internship over the summer working for the NBA players association.

Balancing college school work with a busy sports schedule while living in an exciting place like New York City may sound daunting. However, like a true TPA student, she is able to find a good balance between her school work, basketball practice, and social life. She explains, "If you love what you're doing, then it's easy to do it."

There is no question that Camille loves what she is doing. Camille is extremely passionate about playing basketball. Her teammates have recognized this passion, voting Camille to be

their team captain this year. As a captain she holds her team accountable, and makes sure to always be working hard in practice to set a good example.

While playing on the college basketball team is hard work, Camille has also had many fun experiences with her basketball team. This includes a trip to Italy with her team, where they competed against different teams across Italy. The three-hour long daily practices paid off!

Over the summer, with the help of her coach, Camille was also able to get a great paid internship working for the NBA Players Association. She worked in the digital department helping to manage social media pages and working on graphic design. Camille enjoyed having her internship, and said that going to school at Columbia has given her great connections.



Kat Camberg interviewed Camille Zimmerman, left, at Columbia University.

TPA grad Marissa Beene plunges into future at Google

By Jasmyn Genchev

As life moves on, we begin to question what our future may hold. Some may ask, "How will TPA prepare me for what's ahead?" or "What makes me stand out to the eyes of colleges?" Listening to a great success story may answer some of those questions.

Marissa Beene graduated from TPA in 2012, receiving a full ride scholarship to the University of Oklahoma, where she majored in computer science. Now she is working for one of the largest internet companies in the world - Google. All Marissa did was apply by submitting her resume in one of Google's online forms and was soon contacted for an interview. A few phone screens later, and she had an internship.

Marissa says, "Ultimately applying was a really good decision." At Google, Marissa's main project is making a graph visualization tool, which is a series of lines that connect into a web. This model helps to better visualize relationships between objects, similar to a concept web. For example, Marissa says, "One team would use a graph to model Google's corporate network structure. When used on production systems, especially at a company like Google, these graphs can get incomprehensibly large very quickly," and it is



Marissa Beene at Google headquarters.

Marissa's job to simplify them.

When asked if she felt that TPA prepared her for college, she quickly said, "Yes, very well. At first, I was a bit intimidated because many of my peers came in with 40-50 hours of AP credits and I had 3. However, I soon realized that even though we did not cover the same breadth of material that many other high schools did, TPA taught me how to think and learn, especially in the sciences." Marissa explains that she was able to understand the material she had learned at TPA more deeply than many of her peers, allowing her to apply what she knows to other ideas and actually further expand her knowledge.

Throughout college, Marissa joined the

Division 1 rowing team, taking up most of her spare time. Although she wished she had participated in more activities during college, she says the experience was really fun and interesting because the girls on the team had completely different personalities than the people she had met in her classes.

Marissa thinks her desire to learn and her natural curiosity seem to rub off on people, saying, "I'm persistent enough to ask questions until I understand." Marissa also thinks her love for athletics and learning is rather unique.

Overall Marissa's story is an inspiring success. Hopefully many others will be encouraged by her amazing accomplishments.



Marissa's athletic passion is rowing.

TPA's 'Band of Brothers' battles to 6-2 record

By Carter Sampson

It's a tradition in Tempe Prep football to sing Non Nobis after every victory. Thanks to great coaching and hard, physical play, this year's team has gotten really good at singing that song.

The goal of a football team is to become a band of brothers who fight every down for each other. The Knights embody that brotherhood. As Senior leader John Paul Begul says, "Our team has never been closer, we are all great friends and get along. I think since we are so close it causes us to fight as hard as we can for each other."

That fight has led the team to a 6-2 record. Highlights of the season included a close loss to #2 Round Valley and a dominant victory over #9 Scottsdale Christian. The seniors have taken ownership of the team and lead the younger players towards success. They were honored during the senior night game against Arizona Lutheran Academy after cruising to a 56-0 win.

The younger Knights have also become part of the winning tradition of the team. Freshman Darrell Bailey started in the varsity game against ALA, and dominated the opposing defensive line at center. Cannon Kartchner and Carter Brown also made great plays in that game.

When asked what made the team special, Ahmad Jones cited the weird mascots and calls the team uses, most prominently "Phat Geno!" Whatever the cause, the Knights have formed an amazing bond, and we expect it to carry them to great success in the playoffs.



Team solidarity and strong fan support have helped carry the Knights to impressive heights this season. At right, head coach Josh Brittain gives the players some words of encouragement as a little TLC is applied to scrapes and bruises.



Brendan Phelan (52) and Jacob Matsumoto (33) challenge the Phoenix Christian ball carrier.



John Paul Beguhl (44) helps clear a path for Ahmad Jones.

Personal records topple as TPA runners push their limits

By Rachel Dinh

On Sept. 30, the TPA cross country runners celebrated the start of fall break by running a 3.1-mile race. This was not just any race, however; it was the highly anticipated Desert Twilight Meet, where more than 100 schools gather to compete. And as Mrs. Camberg says, "As the sun goes down, so do the times."

The cool weather is definitely one of the highlights of the race, not to mention the invigorating environment created by hundreds of excited runners. And let's not forget the huge line of people waiting to buy the ever-popular Twilight Meet T-shirts, of which this year's slogan is, "I run cross country because punching people is frowned upon."

Gunshots went off every 15 minutes to signal the start of a new race. The course was set on a golf course with a bunch of turns guided by flags and cones. In the last stretch of the course, lines of family members and teammates cheered the finishing athletes.

Usually runners get PRs (per-

sonal records) at Twilight and this year TPA did not disappoint. Aiden Logan, a sophomore new to cross country, obtained a PR that was about a minute faster than his last race. This achievement did not come easily, though. Aiden says, "I really pushed myself to get a PR, but about 50 meters from the finish line, I had to stop to make sure I didn't throw up."

Sometimes the most important win isn't having a fast time, but knowing your body's limits. Several others broke personal records, and everyone ended up having a great time.

With only two (or is it three?) meets left to run, the high school cross country season is almost over. If TPA's teams place high enough in the Sectionals meet, they will advance to State. Individual people can also qualify for State if they are in the first 20 people to finish.

Mrs. Camberg has high hopes that both the girls and boys team can make it to state, which hasn't happened in many years.

TPA is hosting its own meet on Oct. 19 at Evelyn Hallman Park. Volunteers are needed, so if you're interested, talk to Coach Hickernell and come help out!

Trevor Kerber sums it up pretty well: "I'm Trevor Kerber and this is the TPA cross country team. I run with my friends and coaches. Every personal record has a story, and a price. One thing I have learned after running on this team for three years is, you never know WHAT is going to happen at the next meet."



Tempe Prep volleyball team having fun playing with fire

By Carter Sampson

I don't know a lot about volleyball. Actually, I know nothing about volleyball. But when I go to our volleyball team's games, I can tell three things: 1) Mary Shroll is

the most dominant player on the floor. 2) Our football team is crazy. 3) The Knights are having much more fun than the opposing team.

The Knights cheer, dive, and jump all over the court to make up for their lack of size. With very little height, they have to make up ground with energy. Through hard work and love for volleyball, the team has found success despite being vertically challenged and inexperienced.

The best example of the fire the Knights play with was their game against then second ranked Phoenix Country Day School. TPA battled against the more experienced team for two close sets, and won both! While the PCDS players and fans looked on in frustration, the Knights ran away with the last set, crushing the Eagles 25-14. Led by Shroll's double-double (11 kills, 11 digs), and Seniors Becca Knebelberger, Emily Hartzler, and Claire Carmody.

When asked about her team, Mary Shroll says, "I love how funny they are and always uplifting... I love playing with the team!"

While the team is bonding and achieving great success as a unit, Mary has also achieved much individually. She was



The Lady Knights stay positive, even when the going gets tough.



Mary Shroll is second in the state in kills, averaging 4.8 per game.

selected as Female Athlete of the Week by AzCentral for her outstanding performance, which means she stood above every female athlete in the entire state that week. Mary also leads the division in kills per set, averaging 4.8, which also makes her second in the state, regardless of school size. Not bad for a sophomore.

The Knights have played their hearts out this year, and need us to help cheer them on. So let's go out to support them. Good Luck Knights!



David Hudson is posting impressive times in the butterfly.

Hudson, Snoddy are standouts on talented and hard-working swim team

By Maya Kostov

On the Tempe Prep Swim Team this year, we have many talented swimmers. Two of those swimmers are David Hudson and Jeffrey Snoddy. David is in the 100-200 butterfly Junior National Level where you can only make it on that level if you are 18 years or younger and you have a time under 49.9 seconds.

He is currently applying to California Polytechnic State University, the University of Texas at Austin, and Colorado School of Mines. He would like to become a bio technical engineer.

On average, he swims 17 hours per week, six days a week. He also swims on a club team called the Scottsdale Aquatic Club. He has been swimming for three years and he made the scholastic all-around team where you have to apply with your time and your grades.

His says, "My advice to younger swimmers is to set goals. Set some that take weeks and some that take years. Give yourself the stepping stones to where you want to go."

Jeffrey Snoddy has been swimming for eight years. He started when he was six years old, only swimming in the summer but his mother enrolled him in swimming year round because he would always sit around the house being bored. He also swims for Scottsdale Aquatic Club.

Jeffrey has swum all four years of high school on the school swim team. He is attempting to get into college for swim at Yale, Columbia, California Polytechnic State University, Harvard, and Washington and Lee. Washington and Lee is a Division 3 school which is very expensive.



Jeffrey Snoddy is a state contender in breaststroke.

At this year's High School Championship, Jeffrey needs to drop two seconds in his breaststroke and freestyle to be able to apply for the other colleges like Yale and Harvard. He swims on average 20 hours a week, 6 days a week.

Jeffrey's advice to swimmers is to "make every practice count. If you want to do well and succeed, you must have determination and put in the work."

These two swimmers have put an outstanding amount of effort and perseverance into swimming, and so has the entire swim team. This will definitely pay off for them soon.

The championship swim meets for Junior High and High School are approaching rapidly. Clara Moffit, Hannah Stough, Mary Elias, and Lily Cozens won first place medals in the women's relay. Many other swimmers have won or been close to winning medals in relays.



Cameron Burgin's official roster photo on the Indiana State Sycamores website.



TPA alum Burgin excels on and off the field at Indiana State

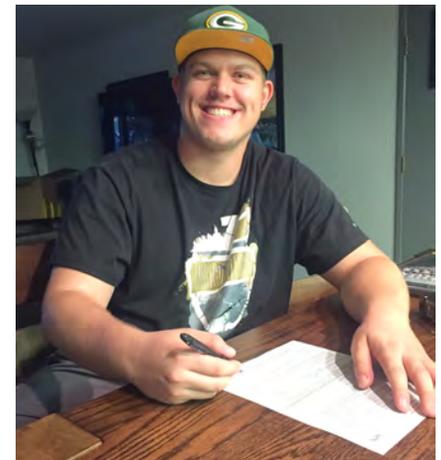
By Hayden Sampson

As many of you have probably heard, Tempe Prep has had its first graduate play football on a Division 1 college team. Not only that, but it was a full ride athletic scholarship. Cameron Burgin was the recipient of that scholarship and is already busy.

After he graduated from Tempe Prep, he moved on to Scottsdale Community College, where he played offensive line, and played amazingly well.

After that, he got some unexpected news from Indiana State. He said, "I did not expect this at first but it all happened so fast within the past few weeks and I am very blessed to have this happen to me." He is playing offensive line in Indiana and is already excelling.

We are all proud of his achievements and are excited to see what he does in these upcoming years. When you see Indiana State play, make sure to look for him. Good luck Cameron Burgin!



Cameron hits the books at Indiana State.