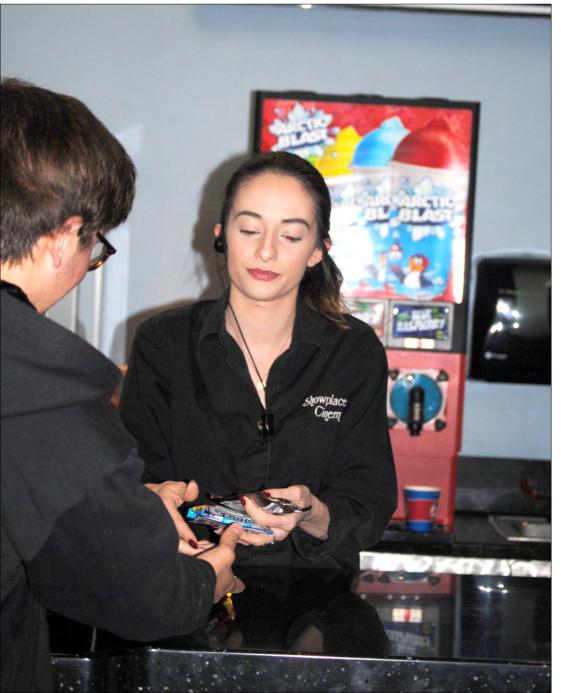
# the **PURPLE CLARION** Volume 93, Issue 7 333 W. College St. Harrisburg High School Harrisburg, IL 62946 March 27, 2019







Photos by Maddi Kennedy.

(Left) Junior Addie Hanks works at Showplace Cinemas. Hanks has reservations about the minimum wage increase. "They (small businesses) will not be able to afford that many workers," Hanks said.

(Top right) Senior April Haney waits on a customer at Burger King. Haney is one of many high school students who works in fast food.

(Bottom right) Sophomore Molly Shires and senior Keeli Pullum serve customers at Dairy Queen.

# Students concerned by minimum wage increase voice concerns for small, local businesses

#### Kole Phelps, copy editor

Under new Illinois governor J.B. Pritzker the Illinois minimum wage will be increased gradually to \$15 per hour by the year 2025.

The minimum wage will rise \$2 in the year 2020 and gradually increase from year to year. Pritzker considers this a major victory in fulfilling his campaign promises. The President and CEO of the Carbondale Chamber of Commerce, Jennifer Olson, spoke with KFVS12 about the minimum wage increase.

"While we certainly empathize with the plight of the working poor, and understand the need for a livable wage, the result of this requirement place es a sizable liability on our businesses, large and small," Olson said.

Students are also expressing their concerns for their jobs and the future of Illinois.

"It doesn't really make me happy," junior Addie Hanks said. "I feel like some people will lose jobs because small businesses won't be able to afford that many employees."

Other students are concerned about inflation making goods and services more expensive.

"I don't think it's a good thing," senior Jackson Naas said. "If inflation is going to make everything more expensive, then it doesn't really matter."

Students also worry that the new policy will cause them to lose their hours or even their jobs. "I could potentially lose [my job] due to the company saving money," junior Rheis Wasson said. "Potentially, I could also lose some hours." Nass echoes these concerns.

"I do worry that I could potentially lose my job," Naas said. "I definitely think that I could lose some hours due to this."

With many students working to save money for college, they are also concerned the price of an education could increase as well.

"Tuition will just go up," Wasson said. CEO and president of Gilster-Mary Lee Corporation Don Welge commented on the impact of the minimum wage increase in an article for the Southern Illinoisan.

"It doesn't cost as much to live in Southern Illinois as it does in Chicago. I think the rest of the state ought to have more to say than they do," Welge said. "Fifteen dollars may not be a challenge for Chicago employers. Fifteen dollars is big for us."

Other states such as California, New Jersey, and New York are raising their minimum wage to \$15 an hour. But, students are reluctant about Illinois making this shift.

"I think it will hurt [the citizens of Illinois], definitely hurt them," Wasson said.

Naas was also adamant that other states should not follow suit.

"Don't do it, just don't do it," Naas said.

However, students like Hanks were more open to the idea, stating that how it turns out for Illinois should determine if other states should also increase their minimum wage.

"I feel like if Illinois does it, and it goes well, yes, other states should try it," Hanks said.



Infographic by Kole Phelps/Canva

### Mayoral Candidates were asked

X

Why did you decide 🛛 📿 🚬 to run for Mayor?

# John **Mcpeek**

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## John Okerson



## Robert Wilson



"I want this town to flourish for years to come, and in doing so, a lot needs to be cleaned up and

decisions made that have the city's future in mind. We need an appealing landscape to help bring

businesses to town. I have lived in Harrisburg all my life, and its success matters to me more than anything."

"This was a decision that I've

contemplated for quite a few

years. I believe Harrisburg has

not been on the right path, and

current leadership has all but

building teams, solving

done. I'm a doer, so after

decided to offer my energy,

which we now call home."

"I decided to run for mayor

after being asked to do so by

my wife, friends, and

businessmen and

businesswomen. They were all

concerned that Harrisburg

town is full of vacant houses

and buildings that have been

for sale for years. Real estate

values are falling. Harrisburg

is headed in the wrong

direction. I decided that I

should run for Mayor to get

the city turned around and

headed in the right direction."

do for Harrisburg? II C.II C.II C.II C.II C.II "I hope that once elected,

What do you plan to

myself and the newly elected council will be able to work together to budget fiscally to allow improvements to our city. Our infrastructure in

our city is very old, and improvements will be needed, such as new water lines. Also, our sewer plant has needed improvements for some time and grants will also allow us to make this happen without the major burden on the taxpayers."

"When elected, I plan to immediately work on building teams of doers that aggressively attack Harrisburg's problems. I want to empower Harrisburg's

people by providing them opportunity to serve and lead within their neighborhoods. Harrisburg is a proud city, and

we should highlight our successes through community festivals and events. I want to make Harrisburg the town we all can again be proud of, and one that draws others to her just as it did my family."

"My plan is to get everyone working together. I will encourage formation of a Citizen's Committee to bring deas to the City Council/County Board/School Board about how to make Harrisburg a better place to live and prosper. I will be working with local business people to form a group to invest in local businesses to expand employment in Harrisburg. I will develop a "buy local"

campaign to grow the small businesses we have. The message is HARRISBURG IS **OPEN FOR BUSINESS.\*** 

Infographic by Maddi Kennedy/Canva.

# Honor bands better student musicians throughout year

#### Kaylee Robinson, opinion editor

Throughout the school year, band students have the opportunity to participate in honor bands. These honor bands consist of full day rehearsals, learning new music and working with new directors.

Most recently seniors Bradley Frailey, Brenden Mitchell, Franko Teston, Brianna Belt and Reese Emery, juniors Lydia Miller, Lillian Hart and Landon Gates, sophomore April Gulley and freshman Rachel Hutchinson participated in River to River conference honor band at SIUC.

Senior Reese Emery, who has also played with the Evansville Philharmonic Youth Orchestra, is no stranger to these events.

"I have participated in ILMEA, Bi-State, River to River and Heartland Honor Band," Emery said. "I have participated in these since freshman year."

Bi-State is a two-day honor band. It takes place at Southern Illinois University Edwardsville.

"The first day is the day for auditions," Belt said. "After auditions, you get placed in one of three bands. The next day, you practice all day and then perform that night."

For some events, students have the opportunity to audition for a chair placement in the regular band, and some have specialty honor bands, which are just more advanced than the regular band.

"Basically, you will normally audition for your placement in the band, and then you will spend most of the day practicing until the performance scheduled that same night," Emery said.

Honor bands are different than school concert bands because students have the chance to play their secondary instruments rather than the one that they typically play in their band. Hutchinson plays the flute in the HHS concert band, but she has been playing the piano for longer.

"I play flute and piano, but I prefer playing piano," Hutchinson said. "It is more comfortable for me, and I am more advanced at the piano than the flute."

Emery started playing the flute in the fifth grade and started piccolo her freshman year. Initially, Emery was not excited to play the piccolo because it was not something she was used to.

"I play both flute and piccolo, but I prefer playing flute," Emery said. "I am starting to get better and feel more comfortable with piccolo."

River to River is an honor band that takes place at Southern Illinois University Carbondale. There is a regular band and a jazz band for which students audition for chairs.

"At River to River, I played piano in the honor jazz band, along with another piano player," Hutchinson said. "I only played one of our two songs and the other piano player played the other."

Though honor bands can seem intimidating, the experience is well worth it according to senior Bradley Frailey.

"I was hesitant to try honor bands, but I signed up for River to River my junior year, and ended up getting accepted," Frailey said. "Once I auditioned, I ended up getting first chair in the alto sax-

ophone. I was scared, but I loved it so much I went again this year." According to Emery, if students want to play something different or experience something new as an instrumentalist, honor bands are the perfect opportunity for that.

"Honor bands really help you as a musician because you get to play a lot of different music and you get a different director every time, so you get new perspectives on music that you might not get in your own band," Belt said. "It is such a good experience, and you get to meet a lot of new people."





News

# Students rake in SISPA awards

#### Kirsten Travelstead, staff writer

Journalism students attended the Southern Illinois School Press Association Winter Conference Feb. 27. Over 143 journalism students from fourteen different schools competed in both mail in and on-site competitions.

SISPA is a regional student press organization that operates in =partnership with SIUC.

The Purple Clarion received a Blue Banner award for the second year in a row. The Purple Clarion staff writers also received 12 individual wins in different events.

"I competed in on-site sports writing and won first place," senior Nolan Davidson. "My event had about ten people in it. Some seemed calm and confident, while others were unprepared and seemed nervous."

Other students competed in events that required other types of writing.

"I competed in feature writing," junior Sara Wangler said. "I was in the room with a couple of other kids and Mark Dolan a professor from SIUC told us his life's story. We had to ask questions and do a live interview then write a story about him."

Writing was not the only skill in which stu-

dents could compete on-site.

"I competed in the on-site photography competition," junior Haley Sullivan said. "We were given the opportunity to go around campus and take pictures of students and staff in their normal, everyday activities, which was great because we got to get a feel for the lifestyle of college students."

Some of the journalism staff is fairly new to the process of creating content on the spot.

"The photography event was a bit challenging because I just got into taking pictures this school

year, so it is still pretty new to me," Sullivan said. Davidson, who is a first year member of the staff, felt gratified by his win.

"My favorite part was learning that I won first place," Davidson said. "I had not expected to win, deep down I was hoping I would somehow get third place. It gave me a little more confidence in my writing capabilities."

The staff looks forward to the event each year.

"My favorite part about SISPA was definitely hanging out with all my journalism classmates and seeing how hard they push themselves to produce their best work under pressure," Sullivan said.



Photo by Haley Sullivan.

Senior Jack Gulley proudly holds up the Purple Clarion staff's Blue Banner Award at the 2019 SISPA conference, while senior Kole Phelps admires the plaque. The Blue Banner is an award which recognizes scholastic excellence. This is the second consecutive year that the staff has received this award, in addition to six on-site awards and twelve "Best Story" mail in awards.

### STEPS TO TAKE TO PREPARE FOR TESTING DAY



**State law mandates new tests** Freshmen, sophomores now required to take PSAT, juniors to take SAT

Elle Behnke, feature editor

The Illinois State Board of Education requires freshman and sophomore students to take the PSAT (practice SAT) effective this year.

Taking the PSAT before the real test will help students see areas where they need to improve and allow them to learn their strengths and weaknesses making practice for the SAT more effective.

A lot of pressure is put on students to perform well on college entry tests like the SAT. Having a feel for how the test is going to work can play to student's favor.

"The state of Illinois has passed some legislation that they want all freshman and all sophomore students to take the practice SAT, the PSAT, to get them more prepared," principal Scott Dewar said. "So when the actual big one comes during their junior year, they are familiar with the format and testing procedures."

The PSAT has been offered in the past at a cost of about \$16, but there will be no cost to students under the new mandate.

"There used to be a cost because we always offered it to our sophomores and especially our juniors in the fall," Dewar said. "(Now) the state picks up the tab for that, so it's no cost for the school or to the students."

Students can expect this new legislation to go into effect this April.

"For this year, we're going to give the juniors the SAT test on April 9. We're going to leave the gym set up so the sophomores can do their PSAT test April 10, and on

April 11, that Thursday, we're going to let the freshmen do their test," Dewar said. "So it's going to be Tuesday, Wednesday, and Thursday. All of our students that have accommodations [are] going to be in the new gym to individualize their tests because they have some individual things they need to do for their test."

The testing schedule will require "D" clubs to have their final meeting of the year during the following week.

Because this is the first year the tests have been required for underclassmen, Dewar anticipates that they will learn how to better administer the test during this first year.

"I'm not saying it's going to stay this way," Dewar said. "These tests are high stakes, and our students really need to take them seriously. I know our teachers take them very seriously. This is a starting point and a new concept for us and for the state."

This new legislature will be helpful to freshman and sophomore students, according to Dewar.

"It's going to give them exposure to this test," Dewar said. "Because [with] any type of high stakes test there is a bunch of pressure involved in that. This way gives [students] some extra practice to know the format and judge their time. They can learn to pace themselves."

Dewar and other faculty are optimistic about this new legislation.

"I really see it as a good thing," Dewar said. "It gives us some feedback on what we need to improve, skills we need to hit harder. As sophomores, the current freshman will be required to take the PSAT again, which will be even more practice for those students."





### The Aggressive Progressive The rise of Socialism in America

Kole Phelps, copy editor

A Gallup poll in August 2018 showed that 57 percent of Democrats now view socialism positively. In a country that still suffers from constant fear of communism, even years after the dissolvement of the U.S.S.R., it might not be time for far leftists to dust off the old hammer and sickle just yet.

However, the Democratic Socialists of America have seen a spike in membership after the election of congress women Alexandria Ocasio- Cortes. They now exceed 200,000 members.

The most common argument against socialism today is something along the lines of "Just look at Venezuela!" However, Venezuela's crisis can be attributed more to the rise in oil prices and the privatization of business, rather than its "socialist" form of government. Venezuela's collapse of democracy is exactly what Democratic Socialists are against.

In all, Francisco Toro put it best in his article in the New York Times, "All Venezuela demonstrates is that if you leave implementation to the very worst, most anti-intellectual, callous, authoritarian and criminal people in society, socialism can have genuinely horrendous consequences. But couldn't the same be said of every ideology?"

While I could discuss Marxist theory all day (no, seriously), one thing we need to look at to discover why socialism is on the rise in America is the distribution of wealth in our country.

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### Do you struggle to find your correct clothing size in stores?

Yes, many stores have varying sizes and finding any consistency is rather difficult. ~Freshman Shelby Bartok Sometimes, because I wear sizes that are in between the regular sizes so it's hard to find brands that sell my exact size. ~Sophomore Ian Meshew Yes, I do have the struggle finding my size especially in jeans because when I find the right size it's either too big or too small ~Junior Lupita Macias

Infographic by Kirsten Travelstead/Canva.



### **Cinema Cynic** Captain Marvel

scores financially,

Jack Gulley, news editor

Anyone who knows me knows I love five things: prequels, fish-out-of-water stories, the '90s, shape shifters and empowered females. I will be mulling over how the latest superhero movie succeeds and fails in these areas.

The newest Marvel flick, Captain Marvel, shows how the entire league of Avengers found its place in the cinematic universe. Although the cast is chockfull of seasoned actors, the writing and filmmaking cannot be saved.

The most enjoyable scenes come from Brie Larson and Samuel L. Jackson. The interactions between the two main characters seem genuine.

At its core, Captain Marvel is a prequel, an origin story of the entire league of heroes with which world has become obsessed. Delightful backstories are sprinkled throughout the film, like how Fury (Jackson) gained his iconic scar. The script folds these little clues into the film pretty seamlessly.

Whether it is Austin Powers, Big or Back to the Future, I am a sucker for any form of a fish-out-of-water story. The concept allows so much fun and humor. No matter what character it is, I will find situations like this funny, and Captain Marvel actually handles this style really well.

Throw the '90s into anything, and I will be there. Blockbuster and RadioShack make delightful appearances to create verisimilitude. There is something about the vibe that the '90s give that effortlessly makes the movie cool. However, with the overproduced shots, the visual tone is thrown off at times.

Captain Marvel pulls off suspense well by choosing to add shapeshifters as the villainous characters for most of the film. The element of surprise that comes with characters who can become anything they choose is truly frightening, and I think it adds a feeling of horror to the film.

Most importantly, Larson plays the role believably. The feminist type of role can often come across cringey or even sexist with the wrong performance, but Larson handles the dialogue and action scenes perfectly. The Academy Award-winning actress proves with this role that she is a very versatile performer.

My problem with current superhero movies still stands. The writers and directors need to let go of the seriousness surrounding these franchises and embrace the campiness that fits perfectly with superhero movies.

Take note from Tim Burton's Batmans, two of my personal favorite movies. They balance action, character development and production design perfectly. In my opinion, superheroes are supposed to be fun and silly, but in this time period, this genre feels unnecessarily heavy and serious.

Actors like Jackson and Larson are trying to camp it up on screen and make the movie fun, but the screenplay and filmmaking is dragging them down. Even the ensemble of alien villains give an old school vibe. If Marvel would have welcomed this style, Captain Marvel would have been a home run for me.



# Wait, What? The Senior Sequel

Enduring plus-sized retail peril

Bradley Frailey, CPS editor

A 2012 Harvard business experiment asked Americans what they thought wealth distribution looked like, and the answers were far removed from the truth.

The graph produced as a result of the study shows that the poorest Americans are so poor, they are hardly visible on the chart, while the middle class is barely dif-

ferent from the poor. Meanwhile, the top two to five percent has so much wealth that it cannot be completely displayed on the chart, while the top one percent

has ten times more wealth than the graph can show. Thus, the top one percent of Americans, the richest of the rich, own forty percent of the nation's wealth. While

In fact, the five richest people in the United States own 2.9 trillion dollars according to Forbes of 2018. But, the UN estimates it would cost \$30 billion to end

world hunger. As well as this, the United States alone spent \$598.5 billion on mili-

tary spending. But, the United States would not be alone in ending world hunger,

But, when an economic system is based profit, the system can become unethical

in order to maximize profit. Let's look at it this way, an article from City Lab stated

that, "housing units that are considered temporarily vacant—that are neither on

the market, being held for future occupancy or being used seasonally-have in-

creased by more than 50 percent, from 3.7 million in 2005 to 5.8 million in 2016."

However, there are only 553,000 people who are homeless in the United States ac-

cording to the National Alliance to End Homelessness . This means there are more

full blown socialism might not be your cup of expensive imported bourgeois tea,

It should be clear that we need to be taking steps to fix the system of capitalism.

Whether it be joining a group such as the Democratic Socialists of America, voting

for more social democrats, or demanding politicians to take action to fix capital-

With this data, is it any wonder why socialism is on the rise in America? While

Capitalism is a system that is based around generating and maximizing profit.

the bottom eighty percent only own seven percent of the nation's wealth.

The reality, however, is guite unsettling.

so isn't this something we should be concerned about?

empty houses than there are homeless people.

ism, we should all be looking toward way to fix our system.

The scene was intense: it was rush hour at the mall... in Forever 21. Well, it was the men's section, so maybe not that busy, but that's beside the point. I was on a mission to get a new pair of overalls. As I searched the racks, I began to despair.

"They have to have my size, right?" Wrong. The sales representative checked in the back, but it is a sad fact that many stores don't have my size readily available. There are plenty of plus-sized people, my size or bigger, who struggle to find the perfect outfit only to realize, it's just not going to happen. This sends a message to customers that they are too big for these popular stores and that they should just elsewhere.

As I perused other stores, I continued to find cute outfits that I couldn't even get over my thumb. The only outfits I found in my size were clearance items and a Fortnite sweatshirt.

While many stores have taken strides in this regard, like ASOS's plus-sized lines, past incidents still reverberate, like Abercrombie & Fitch's former CEO Mike Jeffries hurtful 2013 comment that he didn't want "fat" people shopping in his stores, as he didn't want his target "skinny and beautiful" demographic to feel uncool. His comment practically ruined the brand's reputation.

As I walked by the store fronts, I realized that most of the models didn't look like me. Sure, we might have the some beautiful blonde hair and stunning blue eyes, but I probably weigh about three times what they do. The models merchandisers choose to represent their brand suggests what is and what isn't attractive to them. While, many companies now include people with all body types and skin colors, some think this is just a marketing ploy to gain customers. I, on the other hand, believe these advertisements can help change society's views on plus- sized people.

Later, while I was eating a slice of pizza with some Chick-Fil-A waffle fries, I scrolled on ASOS's website, looking for a cute shirt, the app told me that it could find my perfect size for me. Needing any help I could get, I happily obliged and gave a full synopsis on my size measurements, preferred fit and social security number, which I thought was weird, but I followed along. Once I was done, I expected to see my usual XL size, but I was surprised to see that they recommended a 3XL. I hesitantly ordered a shirt in both sizes. When they arrived, I tried on the 3XL first, and when I did, I realized that maybe the company's good intentions didn't mean a great fit. The shirt did not help me live my best life.

Although I may not have found the right size this time, I'm hopeful that every time I go back to the mall, there will be more choices in my size. Granted, the mall might be closed by then, but that doesn't change the fact that companies need to make an effort to change their views on plus-sized customers and in turn, change society's views as well. If not, maybe I'll show up to the mall in a plus size protest, with one XXXL message to share.

#### **Editorial**

## Small changes can create big improvements

The Clarion Call

What do you think?

What do you do to protect the environment?



-Halie West, senior

Beekeepers are not the only people being stung by the environment, and although some solutions might seem out of reach for student, there are many small ways people better to the environment as Earth Day approaches.

Students do things daily that affect the environment in our area. Even though some of the following suggestions might seem simple, they are realistic, and people can always use a reminder about how easy it is to make positive changes.

Climate change and widespread pollution are probably out of the hands of most teenagers, however smaller damages could be avoided. The messages of littering and such have been beaten to death since childhood for most of us, but the shock is that they have not stuck.

The mindset some young people have of immediacy is hurting efforts in this area. Trash cans are all over the school's parking lot, yet McDonald's cups and other trash are more commonly seen on the ground than in the cans.

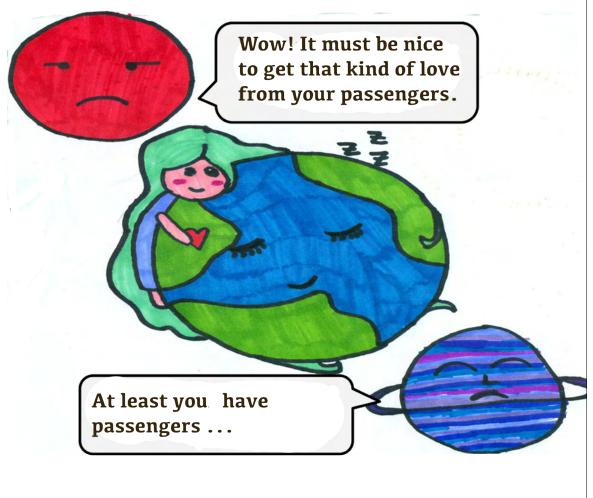
Without thinking about it at all, students throw their trash on the ground because it is not worth their time to walk over to the disposal. The same people who pollute the area surrounding the building are the ones who complain on social media about how trashy and embarrassing our school and town is.

If someone thinks something is bad, why would they make it worse? Taking pride in the area could help with the upkeep of the local environment and the organisms that inhabit it. There are even trendy efforts, like #trashtag, that encourage younger people to clean up in their area. According to a recent Newsela article, the trend that fights littering has been around for years. The same article stated that teenagers take a before photo of a polluted area, clean up the litter and take an after photo of the renewed area. Hopefully this visual representation of the change one person can make will inspire others to work harder in their community, even if they do not post it on Instagram.

Furthermore, individuals think that just because they cannot help the environment on a large scale means they cannot hurt it. That is far from true. Using disposable plastic drink bottles, straws and bags negatively impacts the natural world. By each person cutting down on the amount of waste he or she produces, the group can limit the amount of waste they produce as a whole.

If for some reason this does not seem reasonable, another helpful option is recycling. Not only does this help the environment, but it helps those who run recycling businesses. Some stations reimburse their patrons for the items they bring in to recycle. So not only does this help the environment, but the person who takes in recyclable materials as well.

The list of activities that can aid environmental awareness and protection goes on and on. In an area filled with such natural beauty, it is important that people in the community take care of what they sometimes take for granted. Planting the right herbs and flowers, taking care to preserve the habitats of local wildlife and participating in community service projects to cut down on pollution and litter are all examples of how simple it is to make a positive change and give Mother Nature the love she deserves.



Never forget to show some love to your Mother Earth.

Cartoon by Selina Wang.

### The Purple Clarion • Harrisburg High School • 333 W. College St. • Harrisburg, Illinois 62946

The Purple Clarion is an unbiased, student-produced news, sports, feature and opinion publication dedicated to accurately reporting events that interest and impact HHS students. The Clarion is a proud member of the Southern Illinois Scholastic Press Association and a multi-year winner of the Blue Banner Award for excellence in scholastic journalism.

### **Editorial Board**

Jack Gulley, news editor; Kaylee Robinson, opinion editor; Bradley Frailey, CPS editor, Savannah Hubbs, sports editor; Elle Behnke, feature editor; Kole Phelps, copy editor

#### **Staff Writers**

Nicholas Beckham, Nolan Davidson, Maddi Kennedy, Madison McClusky, Haley Sullivan, Kirsten Travelstead, Selina Wang, Sara Wangler

### **Letters to the Editor**

Letters should be signed and submitted in person to faculty adviser Cathy Wall within the first two weeks of the month. All submissions are subject to editing for length at the discretion of the opinion editor and once submitted, become the property of the paper. All letters should be in good taste, omitting profane language and libelous content. Content in published letters do not necessarily reflect the opinion of the Purple Clarion staff.

# Local bee keeper shakes up hives (

#### Sara Wangler, staff writer

PE aid Becky Taborn has been beekeeping for five years. Taborn became interested in beekeeping due to her love of honey.

"I go through so much honey, about a pound a week," Taborn said. "I use it on everything. It was getting too pricey, so I decided to farm my own."

Many materials go into distributing honey according to the 2019 Farmer's Almanac. "I have a honey super [or beehive]; it's a box with a frame in it. The bees draw the comb out,

then over the summer, they fill it with honey," Taborn said. "Then they cap it." Capping is a process where bees build a thin layer of wax over the top of honeycomb accord-

ing to AGDaily.

"After the super is out, I have to shake the bees off, then I use a hot knife to uncap the honeycomb," Taborn said. "Then I put it in a honey extractor. It separates the honey from the comb."

During the cold months the beekeeper is required to provide sugar so the bees will stay alive. "Coming out of winter, there aren't that many hives. The bee drones will be back in function again," Taborn said. "Then I will have a new queen."

A drone bee is pretty much useless when it comes to anything but mating with the queen. The drones don't make honey, build the comb or even feed themselves according to Almanac.

"Mid-summer there will be close to 50,000 to 75,000 bees in a hive," Taborn said. "But each hive makes close to 20-60 pounds of honey a year."

As far a space goes, bees need acres of land to be productive.

"You would need close to 10 acres of land covered in flowers for the bees to do any good," Taborn said.

Spring is the busiest time of the year according to Taborn.

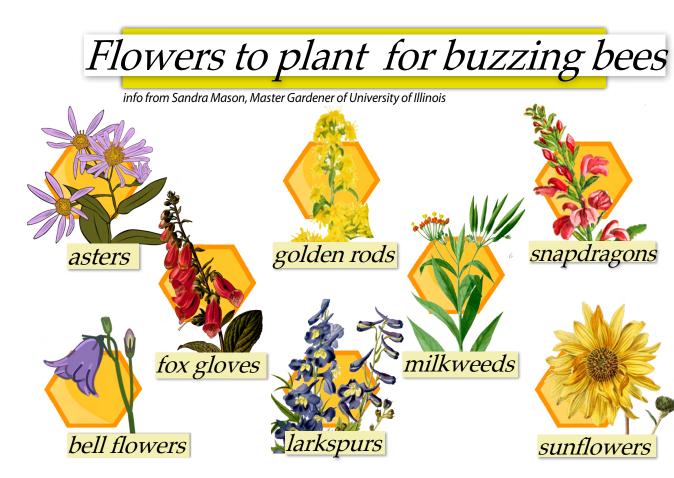
"I have been going to a lot of workshops and conferences. This time of the year is so hectic for a beekeeper," Taborn said. "I'm hoping to get as much information as I can to make sure I take good care of the bees."

Getting advice and hands-on experience is the best way to learn something according to Taborn. "I'm going to a three-day workshop in April," Taborn said." And on the weekends, after I retire, I'm going to expand greatly."

After being a honey bee farmer for five years, Taborn started her own club.

"I wanted to share my love of beekeeping and honey for people in our community," Taborn said "Beekeeping is a process, but it's a good way to do your part for the environment."





## Bee's continue flying through many problems pollinating

#### Nicholas Beckham, staff writer

Many different animals are quickly becoming extinct, this knowledge isn't uncommon. It may be surprising though that among these are bees. Many species of bees are in serious dangerous, including many species of bumble and honey bees and seven species of Hawaiian bees.

Bees are insects belonging to the family Apidae. The environment, especially plants, relies heavily on these insects for its survival. Though bees were once plentiful, the global population of bees has been declining over the last few decades according to the United Nations website. This decline results from both natural and human functions, but mostly from the introduction of pesticides in the 1950s.

Bees are responsible for the pollination that produces a lot of the world's food production, in and outside of farms, so their disappearance should be a cause for concern.

Humans have long realized the importance of bees to their environment. The British Ecological Society reports that bees have been artificially relocated since the beginning of agricultural civilizations. This means that bee farming, or beekeeping, dates to about 10,000 years old.

According to The University of Missouri, there is an 8,000-year-old cave painting in Valencia, Spain depicting early humans harvesting honey. Bees were and still are used for many different things. 'Besides pollination, their honey and the wax used to form their hives are harvested and put to use. Honey provides some benefits for medicine, though it isn't very nutritious. Wax has many uses, mostly for cosmetics and in moisturizers.

The US Department of Agriculture (USDA) reports that there are over 4,000 species of bees are present in the United States alone. The most common, and the most useful for plant production, are the honey bees. Other common bees that are useful to pollination include bumble bees, mason bees, and leafcutter bees, all of which are native to North America.

According to the USDA, the process that bees go through to collect nectar is called pollination. Bees and the plants that they harvest have what is known as a mutual symbiotic relationship. That is, the interactions between these two species are beneficial to both. This is also why bees are critical to the agricultural industry.

Pollination is the term used to refer the way flowers produce. Unlike many animals, flowers are hermaphrodites, which means one flower has both male and female reproductive organs. To produce seeds, pollen from the anther must attach to the stigma. Flowers can't consciously perform this process, so they have to rely on their environment.

The USDA reports that bees may not be aware that they benefit flowers. When a bee gathers nectar from a flower, their bodies rub against both the anther and stigma of a flower. When they leave the flower, the pollen sticks to the short hairs on their bodies. This process not only assures that flowers will produce seeds, but it also causes cross-breeding, and genetic diversity ensures that a species will remain healthy.

Relative to humans, bees are very simple organisms. Despite this, they have developed a unique and complicated society. A hive and all of its activities are centered around a singular female bee, called the queen. The queen bee will leave her hive one time, to mate with bees from another hive, and then return forever. The queen will spend the rest of her life creating off-spring, laying roughly 1500 eggs daily.

Once the time comes to create a new queen, she will secrete a substance called royal jelly and feed it to a few eggs, one of which will become the new queen. Royal jelly is a nutrient rich substance made by a queen that stimulates growth of female reproductive organs.

Female bees outnumber male bees one hundred to one. Females are called worker bees and perform all of the jobs inside and outside of the hive, including cleaning, gathering food and taking care of the queen.

Male bees are known as drones. Drones do not leave the general area of a hive, can't feed themselves, and do not have stingers. If the hive is running out of food, worker bees will force them to leave. Their sole purpose is to either reproduce with the queen or a visiting queen. After reproducing, their abdomens are separated from their bodies and they will die.



Sara Wangler, staff writer

Bees are important to our environment, they spread pollen and fertilize crops. Planting flowers, especially sweet-smelling and cone shaped flowers, will attract and aid bees in the pollination process. Sandra Mason, Master Gardener for the

University of Illinois Extension, wrote that good bee flowers should provide food for the greatest diversity of bees and can sustain the complete life cycle of the bees.

Students in the HHS horticulture class work to plant flowers that will attract bees.

"We do plant marigolds. They have lots of color and are good for attracting bees," agriculture teacher Cacy Ellis said. "Marigolds work well not only for the color but also for keeping bad insects away. I recommend them if you're starting a garden."

When choosing flowers that appeal to bees, color is important. Shades of yellow are popular for attracting bees. Sunflowers and tulips are a good starting place for beekeeping according to AGDaily.

"The nectar from sunflowers will produce a light, yellow-white honey" according to Farm and Fleet.

Lavender is also great for attracting bees. It is beneficial to humans as well because it can be brewed into tea and used for sleep and to calm anxiety according to AGDaily.

Mint is another herb that will produce various types of honey. If a bee gets a majority of pollen from an orange mint plant the honey will have a slight citrus taste.

"The best way to grow mint would be in a container," according to Garden. "Simply bury the container in the soil, this will give you more control over the plant.

Chamomile is a flower with origins from Italy and Germany. Bees are attracted to chamomile due to the bright yellow center which functions almost like a landing pad according to AGDaily.

"Chamomile is easy to grow and doesn't require extensive care" according to AGDaily. This plant should be grown in cool, dry area, and does best when it's not fussed over according to AGDaily.

There are other benefits to the plant as well. "Chamomile fights off pests with a strong scent," according to Garden.

Calendula is a centuries old flower that has many immune system benefits according to AGDaily. As well as a bright yellow color, the flower is also an excellent pollen source.

No matter what flower is planted, Mason recommends a four-foot mass of the flowers because bees like to "graze," and having several varieties so that flowers will be in bloom all the time.

Though many are scared of bees, Mason still suggests to plant flowers to help them.

"If you are worried about luring something into your garden that can sting, keep in mind bees are not bullies looking for a fight," Mason said. "A happy bee is like a gardener in a garden center, focused on each flower."



### Track prepares for quick approaching spring season, stiff competition

Haley Sullivan, staff writer

Youth is again the theme for Bulldog sports as the boys' track team begins a season completely devoid of seniors.

Despite their young roster, the team is determined to push their hardest through this season.

According to junior Evan Vaughn the team will face stiff competition this season.

"We're working hard to get ready for some of our bigger meets, which I am very excited about," Vaughn said. "I think our team's biggest challenge this season is going to be facing some of the bigger schools that we compete against. Our school has close to 500 students, where some of the schools we face have upwards of 1,000 students, which kind of mixes up the competition. You really never know what to expect."

Junior Easton Wallace sees their lack of experience as a challenge.

"We don't have any senior runners this year," Wallace said. "The team has been doing a lot to overcome these things, including working out and getting stronger. We have also prepared for this season by running and conditioning every day for the past two months."

While the boys' team faces the setbacks of performing with a young team, the girls' team lacks the members they need to be competitive as a team.

"The team only has 12 runners this season, which means everyone has to run in multiple events," sophomore Lauryn Gribble said.

Despite the team's small roster, the team has been pushing themselves hard, and they are confident in their abilities.

"To overcome these challenges, we have been working hard in practice and giving 100 percent at our meets," Gribble said. "The commitment and support we have as a team has been such a big boost for us as well."

The team continues to have high expectations for the remainder of their season.

"I am proud of our performance so far, and I have high expectations for when we begin our outdoor meets," Wallace said. "I think if we continue to push ourselves as hard as we have been, we have the potential to not only meet our goals, but also exceed them."



Photo by Madison McClusky.

Senior Angela Colby looks on the field from the goal box during a game. This is Colby's first year playing soccer. Colby had three saves in a shutout against Centralia. "It felt great to have the first shutout of the season," Colby said.



Photo provided.

Sophomore Lauryn Gribble runs in the 4x4 relay. Gribble placed sixth in the 400 meter relay. "The team competed well, and we are all improving to become faster and stronger," Gribble said.

### First time athletes try new sports

Nolan Davidson, staff writer

High school offers many new opportunities, one of them being participating in a new sport.

Although starting a sport at this age may be difficult, some students decide to give it a try.

"The reason I wanted to wrestle was because of my dad," freshman Ben Gulley said. "He was a great wrestler, and it gave me something to try and be good at."

Student athletes, from freshmen to seniors, often decide to take on new sports. "[The reason I decided to play soccer is because] I wanted to try something new, and this seemed like the best option for me," senior Angela Colby said.

Other students may be looking for a change of pace.

"I did cheerleading in middle school, but there was too much drama, so I decided to do something a little less noisy and with less drama," freshman golfer Ann Podoriscki said.

A challenge from a coach, mentor or parent often provides some motivation for trying a new sport.

"My athletic coach, Greg Langley, always told us about how it was the hardest sport to play, and I wanted to see if I could take it," Gulley said.

Starting a new sport in high school usually requires the athlete to invest some extra time.

"Soccer involves a lot of footwork," Colby said. "I'm not the best at that. Some drills that we do are very difficult for me."

Podoriscki thinks it is important for athletes to look past what they do not know and focus on what they want to know.

"If you keep thinking about that sport go for it," Podoriscki said. "If you don't make it this year, keep practicing and get better at it, so then next year, you can be even better at it."

Due to the number of sports offered and a fairly low enrollment, many teams do not eliminate less skilled players.

"In general I think it is a great idea to try something new," Gulley said, "If you are into sports, I feel you should always play a sport any season that you can. You might just find a hidden talent that you didn't know you had."







Junior Will Gibbs placed third in the State 2A three point shoot out.



#### Mar. 27, 2019

Sports

## Softball prepares to have successful season

#### Savannah Hubbs, sports editor

Softball is working on making changes with the loss of seniors and gaining new freshman.

Senior Claire McDermott believes finding someone to take Gillian Jones's (2018) spot will be difficult.

"This year we have eight returning starters, but it is going to be a big role to fill Jones's spot," senior Madeline Rider said. "She did so much good for us last year, but I know 100 percent that whoever is put in her place will do their best."

The freshman are learning to adapt to high school level game play and playing with more experienced players.

"They have learned so much and are so open to new ideas and words of wisdom that the upperclassmen give them," junior Hannah Reid said.

McDermott says the team will do well due to their hard work ethic.

"My expectations for this season are very high," Reid said. "I think we can go far, and we have a good group of girls and leaders that want to work hard."

The weather has made it difficult for the team to practice on the field.

"We play in a week, and we have only gotten to practice outside twice," Rider said.

Although practicing inside is different than being on the field, the team is still confident in their capabilities. "I think our defense is super strong," Pider soid "Our

"I think our defense is super strong," Rider said. "Our outfield is definitely the fastest in our conference, and our infield is amazing with its big arms and quick feet."

Rider is also hopeful on the teams hitting potential.

"We have so many power hitters this year, and I expect us to do wonderful in that department," McDermott said. Outside of skills, the players are also working to improve their teamwork.

"We have been working together more instead of just individuals," Reid said. "This helps us bond and come closer to work as a team and not just be ourselves."

closer to work as a team and not just be ourselves." Rider believes that having a good relationship within

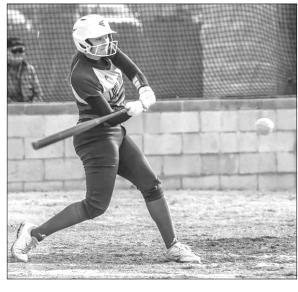


Photo provided.

Senior Karsyn Davis swings as the ball passes over home plate. The Lady Bulldogs beat Hardin County 11-0. "We are bound to have a successful season," senior Madeline Rider said.

the team will lead to their success.

"I think we work together because we communicate on and off the field," Reid said. "We lift each other up and show support like a team should."

The goal for the team is to just be successful, and they hope to go far in the state series.

"Since this is my final season, I want to go out big," Rider said. "I want us to win some tournaments and go deep into postseason. My personal goal is to beat my home run record again, but as long as we win games, I will be happy."

### Baseball team has high hopes as season begins

Haley Sullivan, staff writer

Baseball season has officially started, and the team is working on making strides towards improvements.

After last season's shortcoming in the postseason, the baseball team is pushing to exceed all set standards.

"My expectations for our season are high for sure," sophomore pitcher Noah Boon said. "Last year we came up short in Sectionals, and ever since then, we have all been working hard during the off season to get better skill-wise and to get stronger in the weight room. I think everybody's expectations are high for this season."

Junior pitcher/catcher Isaac Crabb discussed how the team plans to set challenging goals for themselves, despite the fact that they are a relatively young team.

"The team's biggest goal for the season is to make it back to Peoria," Crabb said. "Having no seniors, we are a fairly young team and lack some experience, but we are working to better that each and every day. We all push each other to get better, and we all share a lot of the same goals. Our camaraderie is definitely one of our strongest aspects this year."

According to sophomore corner infielder Javie Beal, form and habits are one of the most important parts of

the game at this point in the season.

"I'm trying not to change things too much mechanically before season starts," Beal said. "Getting in the rhythm of just going out and playing hard is my biggest goal as of right now. As a team, we're just trying to take it one game at a time and make it as far as we can."

Boon goes on to point out the team's biggest hardship on the mound.

"I'd say our team is struggling with pitching a bit, not because we don't have any pitchers, but because we don't have very many pitchers that have experience with throwing varsity," Boon said. "Despite that, some of the guys that have been brought up to play varsity are working hard and getting better everyday. I know all of their hard work will pay off as this season carries out."

Beal goes on to tell how playing for a close-knit team helps them both on and off the field.

<sup>"</sup>I feel our team has a great chance to go far in the postseason," Beal said. "We just have to play smart and take advantage of our opportunities. We are all really good friends, so that helps us when we're working together. We like to have fun but we also push each other. Our team is really good about finding that balance between fun and putting in work."



### Swing and miss



# *Turf creates more problems for athletes*

Savannah Hubbs, sports editor

When I travel to play soccer at a school that has turf fields, our team begins warm-ups by stretching. While we stretch in preparation for a long, enduring game, most all of us pick at the black beads that are used as filler. It is fun until I remember that the black beads are actually used tires that were pulverized to make the turf "safer" for athletes.

I become even more concerned with the idea of beads of tires being used on my soccer field when I fall and see them stuck to my open wounds, find them in my hair after the game and watch as our goalie spits them out of her mouth.

Some people like the idea of turf, and they see the benefit of turf. According to Act Global, turf allows for more play time without stopping, can be used any day with any weather, saves water, causes less pollution and is cheaper than natural grass in the long run. It also states that it has the same sports performance and safety as natural grass, but I have to disagree.

When the soccer team has to practice in a gym, our coach reminds us that the ball moves and bounces just as fast and hard on the gym floor as it does for turf, so we need to be able to adapt to it. If natural grass and turf have the same performance, then grass and a gym floor would also have the same performance which is completely wrong.

The few times we play on turf, our team struggles to adapt to the pace of game because the ball moves two times as fast and bounces much higher. Those teams that typically play on turf complain when they come to play on our grass field because the passes they make that would be perfect on turf, only travel half the distance on grass.

After playing a game on turf, my whole body aches because I feel like I have been pounding my feet into concrete. If I fall, it hurts 10 times worse than if I was on grass, and I have the chance of getting turf burn.

The turf also absorbs a lot of heat. According to New York State Department of Health, "in June 2002 at Brigham Young University in Utah, the average surface temperature on a synthetic turf field was reported to be 117°F while the average surface temperatures on natural turf and asphalt were 78°F and 110°F, respectively." The temperature can be cooled down by watering the fake grass, but it can return to its starting temperature in twenty minutes. The turf has gotten so hot that it has melted nail polish off our toes and burned our feet through our socks and shoes.

Modern tires consist of natural and synthetic rubber, carbon black and 4-10 gallons of petroleum according to The Washington Post. There are other materials in them that are neurotoxins, a poison, and carcinogens, a substance capable of causing cancer. Goalies, who spend a lot of time on the ground, get the tire pieces in their mouth and in cuts from diving on the turf, and I, along with many others, believe that the tire crumbs are causing cancer. A soccer mom compiled a list of 53 players that were diagnosed with cancer, many of which were blood cancers, and she found that more than 60 percent were goalies according to CNN. Even if the crumbs were not the cause of cancer, it still cannot be healthy for anyone to be playing on used tires.

The synthetic turf that so many athletes play on is changing how the game should be played. It is a danger in many way for the players and has very few benefits. The number of turf fields need to decrease, or the injuries and problems for players will increase.

### Girls' soccer has difficult start to season

#### Madison McClusky, staff writer

Girls' soccer is off to a rough start after losing the four games of the Metro Cup.

The soccer team said goodbye to four seniors last year, but according to coach Jason Butler, experience is not a problem for this year's team.

"This year's senior group has been the most experienced group I've had in my six years of coaching," J. Butler said. "They have a good soccer I.Q. and technical ability that has been second to none. They will definitely make the other classes play at a certain level."

J. Butler has a feeling this year's season will go quite well if the sophomores and freshmen hold up their end of the game.

"It depends on how well the freshman and sophomore players understand and execute their assignments on the field," J. Butler said. "If they perform well I expect to have a good season."

Senior Devin Butler is a senior this year. D. Butler has already signed to play soccer for SIUC's inaugural soccer team.

"It is sad, but I think I'm ready to play college soccer now," D. Butler said.

D. Butler has played the sport since she was a young girl.

"I started playing when I was four, and I started playing club soccer when I was eight,"

D. Butler said. "When I started playing, I guess my parents just wanted me to try out every sport, but as I got older, I realized that it was my favorite sport."

D. Butler believes the season may be a little rough, but it should pull through in the end.

This season will start out a little shaky because we lost a lot of players last year, but we should be all right," D. Butler said.

Freshmen are getting a feel for the field as it is their first year playing soccer in high school. Freshman Hannah Bolin, goalkeeper, is one of the nine freshmen that joined the team this year.

"I feel that we will do pretty well," Bolin said. "Everyone is doing a good job from what I've seen on the field during practices. I may not run well, but I can goal keep pretty well."

Bolin is not one to give up easily. Given a challenge, she said that she faces it head on and does the best she can.

"The girls on this year's team are pretty good," Bolin said. "I may not be the best, but I'm still trying. I'm not going to give up so easily.

J. Butler hopes that his players will look beyond high school to opportunities at the collegiate level.

"There is opportunity out there to play in college and to further their education," J. Butler said. "It should be a goal of theirs."

Senior Josie Drone works to make a pass up the field. The Lady Bulldogs defeated Centralia 4-0.

#### Nolan Davidson, staff writer The bass fishing team will attend their first tournament soon. Members of the team are looking forward to warm weather and bigger fish. "All the bass will be spawning and preparing to lay eggs, so they will be getting bigger," sophomore Creighton Fuerback said. Bass fishing competitions are a mystery to a lot of students at Harrisburg. "Check in is normally around 5:30 in the morning," junior Nolan Bebout said, "That is where you draw your launch number to see when you will take off. Once you start, you have a five fish limit, and they have to be at least 12 inches to weigh in."

The team wins the competition by having the heaviest total weight or all five fish together.

"There are a lot of boats on the water, and it is very busy on tournament days," Fuerback said. Last school year was the first time Harrisburg

had a bass fishing team. "I have been in about 10 competitions since last year," Bebout said.

The size of tournaments varies with the number of boats fishing.

"I placed 14th out of 72 boats on Lake of Egypt last season, and at Sectionals last season, I placed fifth out of 30," Bebout said.

Harrisburg's team held its own tournament this last summer.

"My partner, sophomore Drew Fromm, and I placed third in one of our own summer tournaments," Fuerback said.

It can be a little bit difficult to be on the bass fishing team because each team has to have a boat. "We use our boat captain, Derrek Fromm's

boat," Fuerback said. "The boat is a 17-foot Nitro bass boat."

Bebout decided to save up and buy a boat himself.

"I use my own boat that I bought myself," Bebout said. "It is a 1994 bomber."

The size of fish can be something worth bragging about for many fishermen.

The biggest bass I have caught in a competition was two and a half pounds out of Lake of Egypt," Fuerback said.

One big fish in a tournament can help put a team in the front of the competition.

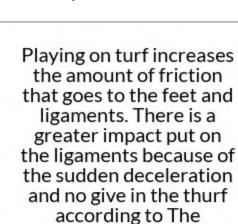
"The biggest tournament bass I caught was just under four pounds out of Lake of Egypt at Sectionals last year," Bebout said

Turf toe occurs when the heel is raised and players push off their big toe causing hyperextension. The use of artificial turf is closely related to this because it is less shock absorbent and harder according to OrthoInfo.

Infographic by Savannah Hubbs/Piktochart

The effects of using turf

John Powell from the University of Iowa published a paper that showed athletes had more knee injuries on artificial turf than natural grass according to the Hospital for Special Surgery.



Polyclinic.







Photo provided.

Sophomore Creighton Fuerback poses with his fish.

Photo by Madison McClusky.

# New diet trends prompt healthier eating

#### Kaylee Robinnson, opinion editor

With summer quickly approaching, many people are starting new diets to get their bodies swimsuit ready.

Fad diets are a popular, helping people lose weight very quickly to get the results they want without following a diet for a long period of time, but according to a WebMD article, they may not be the best choice.

"Fad diets are extremely popular for losing weight," Certified Diabetes Educator and Registered Dietician Franziska Spritzler said. "They typically promise rapid weight loss and other health benefits, yet often have no scientific evidence supporting their use. However, there are some 'fad' diets that have been found to produce weight loss in high-quality, controlled studies."

According to a WebMD article, people fall for fad diets because they do not actually want to change their lifestyle; they just want to lose weight. People see how other people look while following these diets and want to look like the models without doing much research.

"They are more motivated by wanting to change the way they look than their health," dietician and educational psychologist Robyn Osborn said. "Maybe that is one of our problems as nutrition health professionals, because we so much focus on the long-term health consequences rather than how you look. We would prefer that people are comfortable with the way they look but they're more concerned with their health."

One way that people sometimes go about dieting is to take certain foods out of their diet to see how differently their bodies will react. Dairy products and meat are two popular foods. According to a Livestrong article, dairy products like ice cream and cheese are high in saturated fat and can result in weight gain.

"A couple of months ago, I cut out meat from my diet," sophomore Makenna Markham said. "I did this to see if I could get protein from different sources of food. I added meat back into my diet, but it was interesting to see how my body reacted without something it has been used to."

According to a WebMD article, there is a better way to go about dieting. One of the biggest things to do is to set realistic goals. Health psychologist Bess Marcus says that planning to work out every day and cut out everything bad right away will end up backfiring and could stop people from dieting before they have even really started. It is important to make sure that a specific plan in arranged to cut foods out gradually, rather than all at once.

"Eliminate any food that doesn't support your weight loss goals," Master of Public Health Andrea Giancoli said. "It is much easier to resist temptation if unhealthy choices are not around."

According to a Healthline article, not all fad diets are completely hopeless. A few diets that have been proven to work include the Atkins diet, which is the most famous low carb diet in the world, the Ketogenic diet, which lowers insulin levels and shifts primary fuel sources from sugar to ketones, and the Paleolithic diet, which is based on the diet eaten in the Paleolithic era.

"My diet excludes dairy and foods with high amounts of sugar," junior Landon Gates said. "I chose to follow this diet because my dermatologist recommended that it would help get rid of acne, which it did."

According to a WebMD article, when deciding to start following a diet, it is important for people to picture how they want their bodies to look in the future. Instead of thinking about what they look like at the start of the diet, think about what they look like at the end and get there. This is a better way to look at achieving a goal.

"Although many so-called fad diets are unbalanced and do not live up to their claims, there are several that actually do," Spritzler said. "To achieve and maintain [a] weight loss goal, it is important to find a healthy way of eating that [one enjoys] and can follow for life."



### Ketogenic

a low-carb diet that gains more calories from protein and fat, rather than carbohydrates.

South Beach a low-carb diet designed to lose weight and lower cholesterol.

> Information from WedMD Infographic by Kaylee Robinson/Canva.

# Hands on fundraisers entice Millenials

#### Elle Behnke, feature editor

Spring brings warm weather, which in turn brings field trips for schools. Trips to Six Flags, the zoo, and amusement parks are all examples of spring trips that local schools frequently take.

But, these trips come at a price, which is why many schools turn to fundraisers. Crowdfunding sites such as GoFundMe and Kickstarter have become extremely popular, but other student-led fundraising ideas such as hosting trivia nights, rummage sales and multi-restaurant coupon vouchers are still popular.

Traditional fundraisers are good ideas, but according to a study done by Ipsos and CrowdDNA of adults in America, people should try getting more interactive with their fundraisers.

According to the study, done in 2017, "75 percent of millennials say they value experience over things." Additionally, the statistics of millennials attending live events was up 82 percent between 2016 and 2017.

This new information is good news for those, like schools, who are trying to engage people with their fundraisers.

"Instead of us handing someone a packet and asking them to support us, we can do something more productive," senior Paige Cook said. "We could possibly go to their house and pick up their yard. They can donate money if they want to. It's helping clean up the community and getting the money you need."

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Clarion member for information. Hands on fundraisers such as trivia nights or arcade nights can also entice students as well as adults.

"I think that hands on experiences are good for everyone," Markham said.

According to an article written by Jon Krueger, ""The Value of Fundraising," a nationwide survey of more than 1,000 principals conducted last spring by the National Association of Elementary School Principals (NAESP), revealed that almost all schools (94 percent) in the United States raise funds to pay for classroom equipment and supplies, along with important "extras" such as new playground equipment and field trips."

"I think they're essential," Cook said. "If we want something, like after prom, we should do fundraisers so we can raise money to make sure we have a good time."

"World's Finest Chocolate" is one of the largest fundraising industries in the United States. Many schools in Harrisburg use this company to help with fundraising.

"I'm a huge supporter of selling candy bars as a fundraiser," Cook said. "It's a great fundraiser for elementary school to high schools."

Cook feels that sometimes schools can be overbearing.

"There are sometimes when I think they are overbearing," Cook said. "For me, I don't have a lot of people to sell things to It's really hard for the people I do sell to because they want to support me, but they can't when we do so many fundraisers."

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11

# Vaccination hesitancy causes controversy

Madison McCluskey, staff writer

Vaccinations and the side effects associated with them have been in the news for sometime, but recent outbreaks of measles and mumps have whipped the public into a frenzy with words like outbreak appearing more and more.

Vaccines are injected into the body so that the immune system will recognize the disease, destroy it and remember it so that future microorganisms of the same disease can easily be destroyed. A common myth is that vaccinations cause side effects such as autism and even paralyzation. But recent research has disproved this belief.

"Scientists in the United States and other countries have carefully studied the MMR shot," the CDC website said. "None has found a link between autism and the MMR shot."

The largest and most widely publicized outbreak is in Washington state, but in February, there was a measles outbreak in Central Illinois.

According to a story by Dean Olsen of the State Journal Register, the outbreak of measles in Champaign County "alarmed some parents and health professionals in the Springfield area."

Dr. Douglas Carlson, chief of pediatrics at Southern Illinois University School of Medicine and medical director of HSHS St. John's Children's Hospital said that he has observed more parents opting out of vaccines after reading literature that says the vaccines are responsible for autism and other side effects.

"They are intelligent people who are misguided in their thinking," Carlson said.

The World Health Organization has commented on just how dangerous the anti-vaccination movement

ILLINOIS

really is.

"The organization considers vaccine hesitancy as a danger to world health," Dr. Larry Jones, formerly of Primary Care in Harrisburg, said.

According to the organization, a vaccination not only saves lives but is the most cost-effective way of avoiding any disease that can be cured.

"Vaccination ... currently prevents 2-3 million deaths a year, and a further 1.5 million could be avoided if global coverage of vaccinations improved," WHO said.

There are many different reasons why parents do not vaccinate their children.

"The reasons why people choose not to vaccinate are complex," WHO said. "Inconvenience in accessing vaccines and lack of confidence are key reasons underlying hesitancy. Health workers, especially those in communities, remain the most trusted advisor and influencer of vaccination decisions, and they must be supported to provide trusted, credible information on vaccines."

In spite of the CDC's research, some young couples are still considering their options before vaccinating their children. According to Dr. Tyler Dennison, a chiropractor at Integrated Health, he believes people should be educated before making any final decisions.

"I don't have children, when that time comes I will definitely study up and refresh myself," Dr. Dennison said. "I'm married to a pharmacist and luckily we share similar views on this topic. I'm not going to say we won't vaccinate, however, I think it is smart to spread the vaccines out. There are a lot of substances in vaccines that the body does not require and can be harmful."



Lack of Access

Another major

contributor to

vaccination

noncompliance is the

lack of access to health

care due to

socioeconomic and other

factors

Large Number of

Injections

Another concern is the large

number of injections that are

recommended.These fears

also promote wariness among

parents regarding combination vaccinations.

However, combination

vaccines have results

comparable to individual

vaccinations.

#### Fear of Autism





Information

Parents may not be aware of the threat of vaccinepreventable illness or know that effective and safe vaccinations are available against these diseases.

Infographic by Maddi Kennedy.



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