

## Engineers bring real-life experience to GRB class

By Adam Wolford

For a select group of students in Mr. Thurlow's Project Lead the Way Engineering Design and Development, or PLTW EDD, class, the night of March 3, 2010, was very important. A group of engineers consisting of an Oswego State professor and workers from our local Black Clawson, to name a few, came to review the student's problem statements. This is a pivotal part of the class because it dictates what the students do for the rest of the year.

The PLTW EDD class is a truly unique class at G. Ray Bodley High School. The class requires the students to identify a problem in the work and then work through it using the engineering processes. The engineers sat in a panel

**"It is very exciting that these students are getting to experience what real world engineers experience every day! PLTW instructor Mr. Thurlow**

while each group, consisting of no more than two students, presented a problem they saw in the world. The panel then got their time to question the student's problems and give the students new insight on their problem at hand. The ultimate goal of this meeting was to assign each team an engineer who has been through the process and can help the students work through problems they may encounter.

For most of the students this was a very rewarding night. As one senior student stated, "The engineers gave me a new way to look at my problem. While I only saw the positives they proposed the negatives of my problem." Overall the night was a rewarding real-world engineering experience for all involved.

Another senior Zach Froio explained, "This was one of the most rewarding experiences of my four years in high school. It's neat to see what real engineers face every day." Teacher Mr. Thurlow exclaimed, "It is very exciting that these students are getting to experience what

real world engineers experience every day! The night was a rewarding experience for all my students."

While many students don't know exactly what they want to do in high school, the Project Lead the Way program can help a student see

## Students get first-hand look at justice

G. Ray Bodley High School students had their day in court last Tuesday as the Criminal Justice students of the first and second semester traveled to Syracuse to visit the Criminal City Courthouse and the Onondaga County Justice Center. There the students were able to sit in on 39 arraignments and take a tour of the Justice Center. The student's had the opportunity to learn what goes on behind bars, and many tactics that would be helpful in the Criminal Justice career field.

The class sat in as Hon. Kate Rosenthal, arraigned 32 males and 7 females. Of these, many pertained to assaulting another person, and stealing. Many already had restraining orders against them, along with others who were already on probation.

To the students surprise, a few of the people being arraigned were their own ages. These offenders were released on a pre-trial release which allows them to stay out of jail under the watch of a probation officer who checks in on them each night to make sure they're following the rules.

The students learned that the Judge proclaims everybody innocent until proven guilty, even

if their interest in engineering would be right for their future. With experiences such as facing a real panel of engineers, the program only becomes less like a class one would take in school and more like what real engineers are facing in their work every day.

though many were clearly guilty. Although the arraignments were not what the students expected, they were interested in how the process unfolds. With such a good experience with the trials, the students were eager to head to the jail and see what goes on behind bars.

Although the city jail is not as bad as prisons, it consists of people with charges ranging from owing their alimony to rapists and murderers. Before being able to venture into the jail, the students had to sit down in the academy training room and learn the rules of the jail and how to stay safe while inside. Once inside the jail the students visited the booking room, where inmates are strip searched and given their smocks and pants to wear while in jail.

Some students were able to see what really goes on in jail, while others only saw parts of it due to timing and a lock down, which is the transporting of a dangerous inmate to a different location in the jail. Although the students were not able to see all they hoped for, they were very impressed and filled with knowledge of what goes on in the courts and behind closed doors of the jail.

*By Morgan Mirabito & Jessica Palmitezzo*

## Meet the Reporters

**Taylor Harvey, Senior**  
Taylor will be helping with the year-book and will be taking pictures. She likes to read, water-ski, play volleyball and run.

**Something people don't know about her is that she fell down a mountain in Australia.**

*Compiled by Christina Yanock*



## Opinion

## Video games: are they helpful or harmful?

By Travis Cowart

There are many mixed opinions about how video games affect one's life mentally, but in my opinion, video games are very accommodating to one's life. Playing video games has given people quite a few high-quality skills that a person can use in their everyday life, and although people claim that video games rot the mind, there are actually many benefits provided from video games.



An article in the website, About.com, states that the media only shows the negative in video games, not what they actually give to the players of these games. The website exclaimed, "One benefit of playing video games is that they teach strategy and decision-making skills, which are important skills to have in today's competitive world. Even those games which seem to be nothing but violence (like Grand Theft Auto) teach those skills". Yes that's right, even Grand Theft Auto can give a person certain skills. Games like these are made for proper strategy, not for violence.

Another interesting article was found on techlearning.com. It states, "A typical video game presents a problem to be solved and different ways to achieve the solution." This means that most video games have at the least some means of teaching an individual. Trial and error, per-

severance, competition, and collaboration are only a few skills one can learn while playing video games.

Video games can also be a tremendous stress reliever. An article in the Washington Post shows that Gail Nichols, age 49, actually utilizes video games to aid her severe depression. One night, Gail could not sleep because of her illness, so she turned on the computer and began to play the game "Bejeweled." She claims, "Games are a big help in getting through to the next morning." Once the creators of the game were informed on what their game had accomplished, they began doing experiments to see whether or not games improve the mood of an individual. After the results were tallied, they discovered that people who played the game displayed improved heart and mood rhythms when compared to people who do not play the game at all.

Although video games are extremely beneficial, they can also be harmful if not careful. A violent game in the wrong hands will give people the wrong idea, and could lead to changed emotions, and even violence. But if an individual is careful about what they play and what they let their children play, video games can teach in ways teachers cannot. By giving people a time of leisure while learning, they don't even realize how much they are really learning. The media assumes that video games are the cause of all violence just because they play that game, but in actuality video games are very helpful, and can teach many things. As long as parents choose video games at an appropriate level for their children and monitor their use, they can learn many things that one who doesn't play video games cannot.

## Alice's "wonderland" was not drug-induced

By Sarese Gibson

*Alice in Wonderland* has been a family movie since it was released in 1951 as a cartoon. Since this time, people have constantly compared the movie to a person taking a trip on acid. Acid is one of the street names of Lysergic Acid Diethylamide (LSD). LSD was first synthesized in 1938 by a chemist named Dr. Albert Hoffmann from Switzerland, and was not popularized until the 1960s.

With the new 2010 release of *Alice in Wonderland* by Disney as directed by Tim Burton, the idea has once again risen about the connection between acid and Alice.

However, what people do not appear to realize is that the *Alice in Wonderland* cartoon and movie are based upon two books called *Alice's Adventures in Wonderland* and its sequel *Through the Looking-Glass, and, What Alice Found There* first published in the late 1800's and long before LSD had made its way into pop culture. The author of these books was Reverend Charles Lutwidge Dodgson. However, the name he used to publish his books was Lewis Carroll.

If these books were not based upon a trip on acid, then what was the influence behind them?

Reverend Dodgson used to tell stories to three young girls. Their names were Lorina, Alice and Edith Liddell. Their father was Henry George Liddell, the Vice-Chancellor of Oxford University, the Dean of Christ Church, and headmaster of Westminster School. Dodgson told the story of a bored child named Alice to the three young girls while they were travelling. Alice Liddell asked the Reverend to write down



the story for her, which he did over two years later. On November 26, 1864 he gave Alice a handwritten manuscript of the first story.

Soon after, the book was published for the rest of the world to read in 1865. It was in 1871 that it's sequel was published. Whereas the first

Illustrator John Tenniel's famous drawing of "The Mad Hatter" is one of many well-known images from the well-known children's stories *Through the Looking Glass* and *Alice's Adventures in Wonderland*.



of the Alice books dealt with cards (The Queen of Hearts) its sequel dealt with chess (The Red and White Queens).

Another question posed is the connection between the new 2010 movie and the 1951 cartoon. The new movie is a sequel to both books, not the first Alice movie. In the new Disney movie, the Red and White Queens both have starring roles and the Red Queen makes an allusion to meeting Alice again, as well as the other characters.

People will still argue that it must be a drug trip, and if not acid, then it must be some other drug that was available for use in the 1850's. However, I do not believe this to be true. I cannot imagine any adult, Reverend or not, telling three young children a story about a drug trip.

## Plenty of big match-ups in the NCAA East

By Eric Belair

Now as we worked our way through the Great Plains yesterday, it is time to head East and preview the East Region of the NCAA Men's Basketball Tournament. This is another tough one, but it is full of big name teams and top players.

The Kentucky Wildcats earned the #1 seed in the East, while they are the second overall #1 seed. The ferocious Wildcats posted an impressive 32-2 record with a 14-2 mark in the Southeastern conference (SEC). The SEC is a very competitive conference and Kentucky managed to be the regular season and conference tournament champions, as they outlasted Mississippi State 75-74 in overtime to take the SEC crown. Kentucky is a team that knows how to score and has tenacious defense. First year head coach John Calipari has his Wildcats ready for any opponent that is thrown their way.

One of the East Region teams to keep your eye on are the New Mexico Lobos. The Lobos are from the Mountain West Conference, and that is why you do not hear about them. But New Mexico finished the season 14-2 in conference play and 29-4 overall. During the season the Lobos pulled off fifteen straight wins at one point. Therefore, watch out for New Mexico.

In my opinion the sleeper of the East will come out of the #6 Marquette vs. #11 Washington game. So technically this is a sleeper game, but I think the Golden Eagles might come out on top over Washington because they know how to win close games. Go Big East! This will be an interesting game to watch and see which team comes out victorious because either team can make some noise with a win.

This region is full of talent and players who can play at the next level. Starting with the #1 seed, Kentucky, freshman phenom John Wall has



taken the country by surprise. Wall is a sensational player who averages 16.9 ppg and dishes out 6.4 apg as he runs the point of attack for the Wildcats. Damion James leads the Texas Longhorns into battle. James is a walking double-double, as he averages 18.0 ppg and 10.4 rpg. There are two Big East teams in the East and each team has their star. Marquette has Lazar Hayward, who averages 18.1 ppg and 7.7 rpg. Hayward is a double threat because he is a forward who has great post presence but he can also bury the 3-pointer when he wants to.

Da'Sean "Big Shot" Butler leads the Mountaineers of West Virginia. Butler is a clutch shooter, who has six game winning shots this season, including two in the Big East tournament. He is a well-rounded player who does a little bit of everything with 17.4 ppg, 6.3 rpg and 3.3 apg. Clemson is led by senior forward Trevor Booker. Booker is 6'7" and 240 lbs., and he makes his living down low in the paint as he averages 15.3 ppg and 8.3 rpg. The unknown New Mexico Lobos are led by a versatile player in Darington Hobson. Hobson is the leading scorer and rebounder with 16.9 ppg and 9.2 rpg.

There are a few intriguing match-ups in the first round of the East Region. I already touched base on the Marquette vs. Washington game, which should be one to watch. Also the #5 Temple Owls taking on the #12 Big Red of Cornell is another intriguing match-up. Cornell is a dangerous team from the Ivy League that knows how to score. The Big Red do a little bit of everything because they have an inside and outside game. Temple is a very good team that sits at 29-5. They are the Atlantic 10 Conference champions. Some analysts feel that the Owls should be seeded higher. But at times Temple had trouble scoring. This might be a game to watch.

The East is another interesting region. There are a few teams that have a chance to come out of the region and go to the Final Four to represent the boys from the East.

Be sure to tune in tomorrow for Eric's preview of the NCAA's South bracket.

## Former Raiders still active in college ranks

Of the many athletes who have walked the halls at G. Ray Bodley High School, only a select few are continuing their careers at the collegiate level. In football, there are only three competitors left in the business. Adam Kinney of Saint John Fisher, Mike Clark of Utica, and Cameron Cotton of Brown University are the last men standing. It is a huge dedication to play college football, and they will tell us what it is like to play scholastic Football at the next level.

Sophomore Mike Clark didn't get the starting nod at quarterback until the seventh game of the season his freshman year. His individual highlights that year included a 22 point fourth quarter comeback against Norwich University in game nine. He played a very different role his sophomore year, running the Wild "Clark," Utica's version of the NFL's Wildcat. He finished fifth on the team in rushing last year, averaging a whopping 10.1 yards per carry with a long of 54. He is making the transition to defensive back for his junior year, a transition he is very excited about. When asked what it was like to play college football, he said; "It's an honor and privilege. Not many people get an opportunity to play a college sport and to be a college student-athlete is very special."

After making only one varsity appearance in both his freshman and sophomore years, Adam Kinney crashed into the starting scene this

past year, playing in 10 games. Making nine solo and 23 total tackles, including four for a loss made him a big weapon for St. John Fisher. He did his job as a defensive tackle well, and with another year of eligibility left for his senior year, they look for more great things to come out of our former, two-way lineman.

Cameron Cotton made the transition from high school safety to Ivy League linebacker, even though he was slightly undersized at only 190 pounds. He penetrated into the starting lineup his sophomore year as an outside linebacker, but unfortunately, in his first start in the third game against University of Rhode Island, he broke his leg, ending his season. He came back with a vengeance his junior year, and managed to break back into the lineup on special teams. Cam looks to break back into his starting role for his senior and final year, before graduating with his degree in the Literary Arts.

The expectation is that his former teammate D.J. Ingham will be joining Cotton at Brown in the fall. Also looking to make their way into the collegiate football ranks are GRB seniors Nick Millard at St. John Fisher, and Jake Tallents, either at St. John Fisher or SUNY Brockport. Look for future articles in this series where we will analyze every Bodley sport and athletes who have managed to bring their careers to a whole new level.

By Jake Tallents

# March 14, a day to celebrate the wonders of Pi

Being a few days after March 14th, I find it best to explain why this day is important. Not only is it Albert Einstein's 131st birthday, but also it is national Pi Day. Pi is the symbol for the ratio of circumference of a circle to the diameter. Pi is an irrational number, and will continue indefinitely without repeating. The symbol was first used by William Jones in 1706, but became mathematically popular in 1737 due to Leonhard Euler, a Swiss mathematician.

3.14159265358979.... are just some of the millions of digits in pi. Though most know it as only 3.14, hence the reason why it was celebrated on March 14th, the third month of the year, fourteenth day. Nowadays Pi can be calculated out to trillions of numbers because of technology in computers. The higher one advances into in the ranks of mathematics, like Pre-Calculus and Calculus, the more they learn of the digits, or one can simply press the Pi button on their calculator.

Every year, our own Math Club celebrates Pi Day, with special Pi related math problems. There is always a little March Madness mixed in there, with math teachers Mrs. Ryan and Mrs. Clayton being the huge Syracuse University Basketball fans that they are. But the main reason for the celebration is that of Pi Day. Singles night competition of the Math Club will always host Pizza "Pi" as the main course, while Team night hosts other snack foods and more fun since more people show up.

Although this Pi Day has passed, students can be prepared to celebrate next year, in Math Club or not. Whether it be with beautiful math problems consisting of the area or volume of a circle, or some sort of delicious apple, cherry or lemon meringue pie, find some way

to celebrate for next year.

*By Kelly Ormsby*

## Math Club celebrates Pi Day today

If you missed National Pi Day this past Sunday, 3/14, don't worry! You can still celebrate today after school in Math Club. Bring your team to take part in lots of fun activities.

All math problems will be Pi themed, and while your team is working hard, you can have your choice of chocolate or maybe even Oreo pie. There will also be a competition to see how many digits of Pi you can memorize. Junior, Elyse Cianfarano holds the current record here at G. Ray Bodley High School, with a spoken record of 105 digits, although it is said that she knows up to 120! Former GRB student Kristen Kush is the all-time record holder at Bodley. Also, Math Club leader Mrs. Ryan says there is no scheduled pie in the face like there was back in 2008, but that doesn't mean anything (wink, wink.)

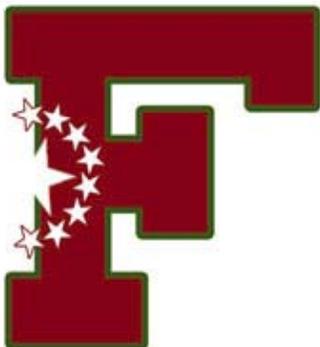
For those of you who don't know, pi represents the ratio of the circumference of a circle to its diameter. It is an irrational number, meaning it is a non-repeating number that goes on forever, for example, 3.1415926535... With the use of computers, Pi has been calculated to over 1 trillion digits past the decimal. The largest number of digits memorized is 42,195 places by Hiroyuki Gotu in 1995. Also on this day, famous mathematician Albert Einstein was born. Another interesting fact about Pi is that if you were to print one billion decimals of pi in ordinary font it would stretch from New York City to Kansas. These are just a few fun facts about Pi, so come to the celebration to learn more! Get your team together and come to Pi Day in room 113 after school today.

*By Sarah Allee*

## GRB Photo Club Contest

Theme: **SPRING**  
submit your entries  
to Mlle Amerault

contest deadline is May 7



Going someplace cool?  
Take

THE **Raider**

with you and get your  
picture taken for this year's  
Fultonian Yearbook

feature

**"Where in the world is The  
Raider?"**

Tomorrow in **RaiderNet**  
Daily

- \* The history of St. Patrick's Day
- \* NCAA South region preview
- \* Junior Class fashion show

**School of Thought** compiled by Erica Lamb & Taylor Barrett

*Did you see a movie this weekend?  
If not what would you like to see?*



"I would like to see *Alice and Wonderland.*"  
**Natasha Luis**



"I want to see *Remember Me.*"  
**Leah Phillips**



"I saw *Alice and Wonderland.* It was bad."  
**Kayla Pawlewicz**



"I want to see *Avatar.*"  
**Mr. Mainville**

**Morning announcements for  
Tuesday, March 16**

The next photo club meeting will be held on Wednesday, March 24 in room 118. Bring pictures and don't forget to be roving photojournalists.

The Photo Club would also like to invite any and all students and staff to submit two or three photos for the spring theme photo contest. Entries are due by May 7 and can be turned in to room 120.

Attention seniors: the Oswego Children's Board Scholarship deadline has been extended to March 29.

It's Coffeehouse Night at the LMC this Wednesday from 4 to 6 p.m.. Come join them for a lucky night of poetry and music. Interested students and staff can still sign up to perform with Mrs. Scalfaro in the LMC.

*Meteorology and you*  
by Carson Metcalf

**Today:** Sunny skies. High around 50.

**Tonight:** Clear skies. Low around 30.

**Tomorrow:** Sunny skies. High in the mid-50s.

*GRB sophomore Carson Metcalf is an aspiring Meteorologist and the creator of the Central New York Weather Center @ [www.centralnewyorkweather.com](http://www.centralnewyorkweather.com) ...Look for his weather forecasts on RaiderNet Daily.*



**Auditions are March 30-31!  
Get your ACT together!**