PayPal co-founder pays a visit to CMU - A5

Indie band Walk the Moon to headline Nov. 15 fall concert

CMU Mellon has a smart in its prep for Ebola

Spark career fair highlights startups

New Works Series premiers student productions - B8

PILLOE

theartan.org

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SCITech

Indie band Walk the Moon to headline Nov. 15 fall concert

Students all majors were welcomed to Spark, a career fair for downtown businesses, on Thursday to try their luck in the startup industry.

Woe to the Technical Opportunities Conference (TOC) and the Employment Opportunities Conference (EOC), students checked in outside of Rangos Auditorium for a different kind of career fair. Spark, which took place last Thursday and held its first career fair four years ago, is meant specifically for smaller companies and startups, and career cons for students who are interested in working for such companies.

One of the appeals of Spark, Assistant Director at the Careers and Professional Development Center (CPDC), said, is that Spark seeks to expose companies to around the TOC and EOC. Spark also offers a more intimate atmosphere for students and recruiters. According to Associate Dean for the CPDC Kevin Mushack, over 300 companies and 3,000 students attended the TOC across all three days, while only 50 companies and about 200 students attended Spark. Recruiters at Spark, said that the campus community states that members are expected to monitor themselves for up to 21 days after returning to the campus.

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Campus Crime & Incident Reports

Policy when they were found on the roof of Sutton Hall. The student will be disciplined through the university’s internal disciplinary processes.

Purse theft
Oct. 18, 2014

A Carnegie Mellon student reported that her purse was stolen after she left a room adjacent to Scaife Hall between 3:30 and 6:15 p.m.

Public nuisance
Oct. 19, 2014

University Police made contact with a woman who resides in her dormitory and reported that her dog was barking up a storm on campus, as required by university policy. The woman was told to leave campus after refusing to follow the university policy.

Criminal mischief
Oct. 20, 2014

A security officer on patrol reported graffiti on the exterior doors leading to the basement in the West Gym.

University president Sub- shur Suresh was inducted into the Institute of Medicine on Oct. 13 in Washington, D.C. President Suresh is now the only university president to be elected to all three national academies: the Institute of Medicine, National Academy of Engineering, and National Academy of Sciences, as well as one of 56 living Americans with the honor.

President Suresh has also been elected to the Academy of Sciences of the Developing World, American Academy of Arts and Sciences, German National Academy of Sciences, Indian Academy of Sciences, Indian National Science Academy, Indian National Academy of Engineering, and as one of only 56 living Americans with the honor.

Currently, Kingsford directs a grant as one of 14 recipients of the foundation’s Mitochondrial and DNA Damage Discovery Awards.

Science is generating data at unprecedented volumes, variety and velocity, but many areas of science don’t have the kind of expertise needed to capitalize on this information,” said Chris Montel, principal investigator of the Data-Driven Discovery Initiative. “The volume of data is growing exponentially, so we need to come up with new and clinically important discoveries.

To me, Carl’s work represents an outstanding example of how to address computational biology: careful analysis of a biological problem followed by extensive development and application of appropriate computer science methods,” said Robert F. Murphy, director of the Data-Driven Discovery Initiative.

Commonwealth Secretary of Health Robert B. Gordon, welldescribed as one of the avant-garde in genomics, the language of which is to be understood by the computer. The protein is recognized by the computer as a new type of researcher and academist, the one of interdisciplinary, data-driven sciences.

Carl Kingsford receives $1.5 million grant

Suresh becomes only university president to be elected to all national academies

A caterer reported to University Police that her wallet had been taken from her purse, which was being kept in an unlocked cabinet, in the lower level of the Student Union Building.

A Carnegie Mellon student reported that her wallet had been stolen after she left it unlocked in Resnik’s locker rooms in the basement.

Four students were cited for violation of Carnegie Mel- lon’s rules in the basement.

A Carnegie Mellon student reported that $10 was taken from her wallet between 10:30 and 10:45 p.m. from the basement locker rooms of Resnik House.

A Carnegie Mellon student reported that her wallet had been taken from her purse, which was being kept in an unlocked cabinet, in the lower level of the Student Union Building.

A Carnegie Mellon student reported her wallet, also in Resnik’s locker rooms in the basement, being kept in an unlocked cabinet, in the lower level of the Student Union Building.

A catering employee reported the incident.

A Carnegie Mellon student reported her wallet had been taken from her purse, which was being kept in an unlocked cabinet, in the lower level of the Student Union Building.

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Shumway studies the making of rock stars, like Elvis Presley and Bob Dylan, who inspired imitation and become cultural icons.

Ritivoi and Daniels sign books.

**RACHEL COKIN REPORTER**

Society has long fixated on stars and celebrities — ordinary people who become cultural icons, whether by talent or by sheer infamy. But David Shumway, Carnegie Mellon professor of English and literary and cultural studies, wants to know, “What is stardom? What makes someone attain star status?”

Shumway addressed these questions in his talk “Rock Star: Star and Listening,” delivered on Thursday in the Adamson Hall of Biological Sciences.

“I was curious to understand the concept of the ‘rock star’ — its origins, its defining qualities, how we get from Cary Grant to Elvis Presley is described by his stardom. But David Shumway, a Carnegie Mellon professor of English, lectured on what it means to be a true star.

According to Shumway, the original rock star equivalent were movie stars like Humphrey Bogart and Cary Grant — actors who adopted culturally iconic personas in their work, “clutter packages of attractive main that might sometimes transcend even their legacies gave way to the rock star. The rock star like John Wayne, Marilyn Monroe, Elvis Presley, James Brown, and James Brown, became increasingly influential and transformed the way people experience music. Unlike celebrity, defined as ‘someone who is known for their well-knownness’; star- dom requires skill and talent. All stars are celebritaries, but not all celebrities are stars,” Shumway explained.

Stars require some level of artifact creation. Shumway said: “People want to either have the star or be the star.” The star persona must trascend the individual, existing symbolically or iconically in the public’s imagination. In the past, the persona was not only accessible, but to a degree available by ordinary people.

Shumway focused his talk on three 20th-century rock stars: Elvis Presley is described by Shumway as a blend of rebelliousness and vulnerability. Elvis’ accessibility on network TV meant that “fun and entertainment came to fame as a traditional American success story,” over- coming poverty and race bar- riers to attain stardom and using his status to influence politics and cultural trends.

Due to time constraints, Shumway cut his summary short, offering brief overviews of influential stars Joni Mitchel- ll, who represented a shift to the personal songwriter, and Bruce Springsteen, who continued Dylan’s legacy as a politically engaged musician and hoped for a transformative in American government.

Shumway described the phenomenon of “listening through rock stardom,” when consumers of music feel an emotional connection to any recording to a particular star. Shumway is described by Shumway as a blend of rebellion, vulnerability and accessibility to a degree available by ordinary people. Shumway focused his talk on three 20th-century rock stars: Elvis Presley, Jimi Hendrix, and Bruce Springsteen.

Shumway concluded with his assessment of the decline of rock stardom in recent years. According to Shumway, we have crossed the border of social norms paying homage to African American music, performing as a working-class man, and “bumping and grinding” against gender norms that prescribed that they “be somebody.”

Presley’s managers, says Shumway, “predicted that he could be competed in living room of most American homes,” and as a cultural icon he challenged a number of social norms: paying homage to African American music, performing as a working-class man, and “bumping and grinding” against gender norms that prescribed that they “be somebody.”

Presley’s accessibility on network TV meant that “fun and entertainment came to fame as a traditional American success story,” overcoming poverty and race barriers to attain stardom and using his status to influence politics and cultural trends. Due to time constraints, Shumway cut his summary short, offering brief overviews of influential stars Joni Mitchell, who represented a shift to the personal songwriter, and Bruce Springsteen, who continued Dylan’s legacy as a politically engaged musician and hoped for a transformative in American government.

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Some Carnegie Mellon students are looking specifically for internships at startups. Bucha Fajl, a master’s student in Heinz College’s School of Information Systems and Management, said that, although she went to the TOC, she is specifically looking to work for a startup. “I would love to work with one of these companies,” Fajl said.

Mizgorski also emphasized how valuable it can be to work at or intern at a startup. “The experience that the students can get for internships at startups, or even startups, can be priceless,” Mizgorski said, “because typically in a smaller company, you’re asked to do a lot more. It’s not like a typical corporate situation where you’re sort of a department that’s sort of a silo. It’s more logic and computation and you’re really learning about how to grow something and kind of figure the business model of your startup.”

Students who have already started startups, either as founders or alumni, say that startups can be a great place to work. Kevin Collins, senior assistant director for the CPDC and another organizer of Spark, said that startups can be a great place for students to get a broad sense of what it means to work in a startup.

“Collaboration, ownership, learning, and close working relationships can be priceless,” said Collins, “because typically in a larger job situation, you’re sort of a department that’s sort of a silo. It’s more logic and computation and you’re really learning about how to grow something and kind of figure the business model of your startup.”

Walk the Moon to walk over to CMU for AB’s fall concert

Sarah Duncan, a sophomore double major in computer science and human-computer interaction, said that she is excited to see Walk the Moon play at CMU. “The opportunity to see them is a huge opportunity,” Duncan said. “It’s something that I never would have gotten to see before. They’re a band that I’m really excited to see, and I think it’s fantastic that we have such a wide audience with CMU of people who listen to Walk the Moon. I think it’s fantastic that there’s a following at CMU of people who listen regularly. But people are still excited to see them because not a ton of people have seen them already.”

“I’ve loved planning events and meeting the artists. I’m a concert junkie, so it’s perfect,” Yang said. Students will be able to acquire tickets two weeks in advance of the show at the Information Desk, as per usual. They will be free with a valid Carnegie Mellon student ID. The show will begin at 7 p.m., and more information will be released on the AB Concerts Facebook page.

Consider investment objectives, risks, charges and expenses carefully before investing. Go to tiaa-cref.org for product and fund prospectuses that contain this and other information. The sooner you act, the better.
Ebola outbreak leads to new drug development initiatives

At the New York University Polytechnic School of Engineering, associate professor Keyan Mirmirani and a group of collaborators designed nanoscale protein-based nanoparticles, or nanospheres, that can help in the treatment of cancer and other diseases. The team's research was published in the journal Nature Nanotechnology.

Researchers create self-assembling microscale proteins

New app solves math equations with phone camera

Large sunspot rotates toward and affects Earth

Nine cases of Ebola from 45,000 years ago are reconstructed

A current paper in Nature showcases the work of a research team that had reconstructed the complete sequence of a 45,000-year-old strain by using samples from a high-latitude glacier.

Last month, Thomas E. Duncan was admitted to the Texas Health Presbyterian Hospital. He became the first patient in the United States to be diagnosed with Ebola, a deadly viral disease. Doctors in California have reported the diagnosis of a second case, bringing the total number of people infected with the virus to six.

There have been many concerns about the potential of the virus to spread, especially given the lack of understanding of the disease's symptoms and mode of transmission.

Fees are charged, the app is currently available for free.

In the past few years, the company has been working on developing algorithms that can help physicians and researchers gain a better understanding of the disease.

The app is currently available for iPhone users.

Last year, the company launched the TriCinch DNEP device in London, Georgia. The device is currently available for free.

Ebola outbreak causes major health concerns

The outbreak of the Ebola virus in West Africa has caused widespread concern and has led to a number of deaths.

The virus is not always fatal, but it can be extremely dangerous, leading to severe symptoms and death.

The virus is transmitted through contact with the bodily fluids of a person infected with the virus, including blood, semen, and other fluids.

Researchers from the University of California, Los Angeles, have developed a new method for detecting the Ebola virus that could help to prevent further outbreaks.

The new method involves developing a blood test that can detect the virus at an early stage, allowing for rapid treatment and preventing the spread of the disease.

Space simulation of Mars taking place near a volcano

In mid-October, the State Space Simulation and Training (SSST) team began their mission to simulate a real-life astronaut journey to Mars. The exercise was conducted at the NASA Glenn Research Center in Cleveland, Ohio.

The team will use big data to model the consumer credit market and analyze the demand for new treatments for health conditions.

The journey will involve a series of complex decisions that will require the team to make strategic choices in order to succeed.

The goal is to identify new treatment options for patients with chronic illnesses and to improve the overall health of the population.

The team hopes to use the data collected during the simulation to inform future simulations and to improve the accuracy and speed of the modeling process.

The team aims to use the simulation data to help identify new treatment options for patients with chronic illnesses.

The results of the simulation will be published in the journal Nature Nanotechnology.
Gender inequality in technology industry must be remedied

Carl Doersch
Special to the Tartan

After keeping them secret for many years, a number of prominent tech companies have recently released diversity statistics for their workforces.

Even the companies in question agree that they are disappointing. Only 18 percent of Facebook’s software engineers are female. For Google, 17 percent of such workers are female. Microsoft, Amazon, and many others report similar numbers.

As some PoPsquare members pointed out, the problem isn’t restricted to computer science. Either, the statistics are similar in engineering and perhaps even worse in physics and math. Hence, this week PoPsquare aimed to determine in what extent this gender ratio is a problem and what, if anything, should be done about it. Since diversity is a complex subject, we focused only on gender in the tech workplace. While we acknowledge that minority races and other groups have also been the subject of unequal treatment, and that the workplace is not the only place where prejudice can be a problem (the Internet and video games being examples), we did not examine them.

Before proposing ways to increase diversity in the workplace, it’s important to first understand the impact that society can have on professions chosen by different genders. This question turns out to be surprisingly difficult to answer, since it’s unethical to randomly assign people to different paths which might profoundly alter a subject’s choices.

First, if it’s not social factors, then what could it be? Biology likely plays some role in developmental pathways. The brains of men and women have measurably different architectures. For example, research published in the Proceedings of the National Academy of Sciences has shown that women have more connections between the different hemispheres of their brains. Furthermore, evolutionary psychology suggests that the different societal roles played by our ancestors based on gender may have influenced innate skills and proclivities.

But does biology explain the differences we see in society? Almost certainly not. According to research recently summarized by NPR, up until about 1940, women’s participation in law, physical sciences, medicine, and computer science were all increasing rapidly, and at about the same pace. However, after 1948, women’s participation in computer science started dropping, in stark contrast to the other skilled professions. Biology, which remains roughly constant over time, can hardly explain this shift. Research by UCLA professor Jane Margolis provides a different explanation. In the mid-80s, comparators were marketed toward boys, likely because marketers connected them with toy tools like Tonka trucks. Over all, Pugwash agreed that science’s biases — giving toy tools to boys and skills to girls — can have profound effects on children. Women, those effects compound with age, as women feel more isolated in traditionally male-dominated fields like computer science.

Pugwash argued that this is a problem rooted in society and culture.

There are two reasons that this is a problem. First, inequality is fundamentally unethical. If a woman would have been as a computer scientist, then it’s harmful to deprive her that opportunity or to somehow degrade her experience in the position relative to a man. Second, it’s unfair. The world is as it is more productive when everyone can make use of it.

Pugwash agreed that this is a problem rooted in society and culture. What can be done about it? The idea of affirmative action — in the sense of promoting women even when they are not the most qualified — was endorsed by some and criticized by others. While affirmative action will increase women’s participation in tech in the short term, it may inadvertently decrease women’s confidence in their skills, causing them to leave the field later. Less drastic measures were more popular. For instance, employers should be aware of their own biases and combat them during the hiring process. Parents should also avoid propagating biases through their children’s play activities and ensure that girls have as many opportunities as boys to engineer and solve problems.

Student Pugwash is a non-advisory, educational organization that discusses the implications of science. This article is a discussion on gender inequality in the technology industry.
A scientist seeing something with some semblance of a pattern, they got excited. That was the case here.

The researchers used this basis to explain that there were certain cells in our brain, called place cells, that keep track of our physical surroundings by maintaining a map of what they see.

Next, Marcel Bruchez, an associate professor of biological sciences at Carnegie Mellon, spoke about the prizes awarded in the field of chemistry.

Providing a backdrop to this year’s chemistry Prize was awarded, Bruchez explained how an early 20th-century scientist named Ernst Abbe declared that the best possible resolution that our microscopes would be able to pick up is 200 nanometers.

Resolution refers to the ability of a microscope to distinguish between two objects. This limit was called Abbe’s Law of Limiting Resolution.

They did this by exploiting the fact that they could observe very small points of a picture at a very high resolution. Once they worked that out, they propagated the area of observation over the entire sample until the entire piece was observed in the high resolution.

Like most viruses, the various strains of the Ebola virus all rely on the host for their survival and replication. Once in the body, the virus enters the genetic material into our cells and uses our cell machinery to replicate virus.

Once producing genome, the virus will cause the infected cell to explode, releasing the newly constructed virus. This process of the virus spreading to multiple organs spreads to multiple organ systems.

The Ebola virus can cause fever, muscle pain, headache, and severe. This is followed by vomiting, diarrhea, rash, symptoms of impaired kid- nes and liver function, and in some cases, both internal and external bleeding.

Everywhere we expose to a variety of pathogens such as bacteria and viruses, but one body has a powerful im- mune system that protects us from getting sick.

The fundamental trick of the immune system that travel through the bloodstream are able to differentiate the proteins on the outer surfaces of foreign cells and the proteins found in the body. While identifying a pathogen, the immune system produces antibodies that can bind to and target the pathogen. The killer cells of the immune system identify this antibody and engulf and destroy the pathogen.

In the case of Ebola, the virus is adept at infecting the cells of the immune system, reducing their count in the bloodstream and thus limit- ing the immune system’s effectiveness.

The recent Ebola outbreak has led to a renewed interest in developing a drug.

This allows the virus to propagate in the body and overcome the immune system. Scarcity of treatments or lack of treat- ments or vaccines because the immune system is complex to treat.

The fault can be put on drug companies that ignored rare diseases. This disease is already infected. BioCryst Pharmaceuticals is currently developing a drug that directly targets the virus’s ability to repair itself.

The company has seen some promising results in monkeys. Another company, Tekmira Pharmaceuticals, is developing a treatment using a new tech- nique in biotechnology that involves encapsulating RNA molecules in cells and animals. Like most viruses, the virus RNA, preventing it from entering the body.

Many of the details of these viruses continue to remain a mystery. For example, there are some genes that are used for encoding the drug but not for the treatment of symptoms. This is why treatments are likely to be very expensive.

A vaccine works by exposing the body to a harmless version of the same virus so that the body recognizes it and creates antibodies against the virus. This is how vaccines can help prevent a disease but not for the treatment of symptoms. The only thing medical experts can do is provide Ebola patients with vaccines and antiviral drugs.

Most of these vaccines are designed to prevent a disease but not for the treatment of symptoms. The only thing medical experts can do is provide Ebola patients with vaccines and antiviral drugs.

A vaccine works by exposing the body to a harmless version of the same virus so that the body recognizes it and creates antibodies against the virus.

Finally, Randall Frent- stra, professor of physics at Carnegie Mellon University, explained the Nobel Prize in physics. The research of女士 Akasaki, Hiroshi Amano, and Shuji Nakamura, which was published around 20 years ago and which was concerned with a way to make blue lights-emitting device (LED).

These blue LEDs are an important discovery because they enabled a low-energy source of white light. Also their work resulted in LEDs that could emit red, green, and blue. This means that they could be used to display any color necessary now. The problem was that, in the past, when people attempted to make a blue LED, they were unable to create one that would last long and wouldn’t discolor. On a basic level, an LED is made by taking some element and forming a crystal out of it. In the past, a specific element was allowed to form to form and errors to form in the light. However, the three researchers discovered gallium nitride (GaN), which is more stable and in the crys- tal to ensure that the light works.

Tremendous for the event was opening remarks, a talk was held filled. The un- dergraduate students the annual event, in or- der to continue to provide the future generation.

Editor’s note: Rohan Varma is the chief editor of the Triple Helix at Carnegie Mellon.
Apple Pay will keep credit hackers at bay

BRANDON SCHMICK

In a world where millions of smart- phone users can be compromised in a matter of seconds, it is hard to believe that Americans still continue to stand by their half-cen- tury-old magnetic stripe cards. This outdated technology, in which users must reveal their bank card, credit card payment number, and security code, offers little security for the consumer. The most recent data breach, with a total of three million customers affected, has seen tens of millions of security compromises in the last year alone.

Target, the Home Depot, and most recently, Staples, have seen just how easy it is to have information compromised when they are se- riously storing what is a goldmine of tens of millions of credit cards.

Apple Pay and other wireless NFC payment systems may finally be the solution to this problem. With Apple Pay, the retailer is presented with pos- itional information from the person on the other side of the payment, thus the only thing received on that end is a one-time payment code in order to carry out the transaction. Apple Pay expresses the innova- tion that credit card companies might have brought years ago. After testing Apple Pay at the Craig supermarket, I can report that it is as simple and easy to use as a credit card, and allows users to simply walk up to the register, point their phone at the designated device, and hold their fingerprint for verification. It’s that simple. Perhaps it’s the most surp- ising part about it is that while using Apple Pay, the customer never has to worry about who they are handing their credit card to and where the information is going.

Apple Pay has had a few glitches since its launch, such as Bank of America customers being double charged for some purchases, but with a technology this nice, it may take a lot of time to worry about the glitches and issues. However, once perfected, removed of issues, and accepted at a wide range of retailers, Apple Pay has the opportu- nity to revolutionize the way people make purchases.

The potential for success associ- ated with Apple Pay is due to the fact that Apple does not wish to be the mid-market. Distance of the transac- tion activity from Apple Pay is interest on Apple’s servers, and Apple is tak- ing a fees-free, hands-off approach to mobile payments. Its goal is not to profit off of a single purchase, it is to sell more devices and become the new standard for mobile payments.

The never disparaging hype about Apple Pay is that it is FISC and many other major banks were not included with the initial release. While Apple Pay will support most banks and credits in the future, it only supports a handful at launch.

In addition, the speedy conve- nience of Apple Pay is in the hands of the retailer. If the re- tailer spends thirty seconds telling you about your rewards card such time you make a purchase, the ex- perience is ruined. Because of this, Apple should incorporate rewards and loyalty cards into its Passbook application and add a feature that automatically sends rewards infor- mation upon making a purchase. In addition, Apple Pay does not launch an Apple Pay policy that retailers cannot ask about loyalty cards, but Apple displays Passbook allowable loyalty cards.

Because of Apple’s success in get- ting support from all of the major banks and credit card companies, it is likely that the major banks will actively push the mobile payment market. Mag- netic stripe cards are an outdated technology that put all cards at risk. The future major company like Apple comes along and offers Apple Pay, while only time will tell the success of Apple Pay. I will be surprised if all of these American credit cards are still attached to their magnetic stripe cards in a decade.

Brandon Schmick (schemick@) is a staffwriter for The Tartan.
Vatican must adopt changed LGBT stance

RUSSELL MORKERT
Junior Staff Writer

On Oct. 18, the Catholic church ended its assembly of bishops in Vatican City with results that proved underwhelming after the optimistic opening report.

This assembly, known as The Synod of Bishops on the Family, was called one year ago by Pope Francis with the intent to break the ac- quainted idea of family. This gathering, however, only reaffirmed the Church’s attitude toward homosexuality and traditional marriage, which is an unfortunate majority of conser- vative church leaders’ viewpoints.

Almost a week prior to the meet- ing’s adjournment, a statement had been released consisting of a draft of the language contained in the final report. This draft, while qualifi- ing that same-sex unions cannot be valued the same as marriage be- tween a man and a woman, openly discussed the positive and negative relationship and the need for par- ents to accept, as well as children. There was mention of the current indulgence in the antise- mite process and encouragement for divorced people to receive Holy Communion.

The contained in the mid-assembly release was the acceptance of common-law marriage in cases of poverty or other parts of the world that have been historically and philosophically an issue. This draft goes to the impression that the Catholic church was taking action on many modern issues faced by marginalized groups, proving positive direction. The final report, however, did not adhere to all these visions.

Any mention of same-sex rela- tionships in this release was removed from the final version of the draft, almost 200 bishops present felt shame, and as a result, the entire section would be re-written. Pope Francis not mentioned it be discussed again for the next Synod of Bishops on the Family in October 2015.

It seems, at this point, the only hope of these progressive social ideas being accepted in the church falls on Pope Francis’s shoulders, espe- cially since bishops from within the assembly have publicly stated that nonmarriage can-seems unions considered equal to heterosexual marriage. This is a dark note to close the discussion.

U.S. needs to kick its gas addiction

McGOWN
Junior Staff Writer

As of the start of October, the contro- versial pot company of Vancouver, Canada, began operating a new state-of-the-art oil plant. It’s the first of its kind: a coal-burn- ing plant that manages to drastically cut CO2 emissions by capturing up to 90 percent of the greenhouse gas produced, then pumping it deep underground. Before what proponents argue is a nonpermeable layer of the earth.

I acknowledge, though I’m sure that, as this technology is used on more and more plants, we’ll see fail- ures on occasion, and lining them up will prove costly. Plus, the sequestration technology is beinglausd as equivalent to taking 250,000 cars off the road, which is something I have no complaints with. However, what I do have a problem with is that this plant will still be adding 250,000 cars to the road with the same 10 percent of CO2 that will be escap- ing into the atmosphere.

In the meantime, all of the other coal- and fossil-fuel plants currently in use are releasing more than their fair share of CO2 (not to men- tion toxic radioactive ash). So there is little to clean up the fossil-fuel-based power generation and, as a result, many plants, sequestration technology is a worthwhile endeavor. But it’s like shortcuts from filtering cigarette tar. At the end of the day, you still addled to some- thing that is actively harming the human body.

The companies that stand to prof- i t the most from our current global re- search on fossil fuels are attempt- ing to divert public opinion by making their opinions plainly clear since the appointment.

There is still hope that progress can be made in next year’s assembly with an even larger campaign with the same goal. The Vatican’s goals haven’t been released yet, however. It can be found in the soaring indignation of the largest and one of the most pow- erful religions in the world.

RIBBONING” promotes awareness

KELECE
Junior Staff Writer

Besides the flying kites you see every spring, church or study inviting you to be a part of God’s love, have you noticed the number of flyers try- ing to promote awareness? Or have you noticed the church or college campus aimed at supporting good causes?

Think about how many tables you pass in front of on campus where students call you out and ask, “Do you want to help fight cancer?” There are countless organizations that are working hard to promote awareness. We live in a world of患難。

It is important to know that pink breast cancer ribbon is very common in today’s culture. It is not surprising: explor- ing the fact that Susan G. Koen- o is the president of the organization responsible for originating the symbol, has 200 affiliated sister organizations. Many of these corporate partners use the pink rib- bon as a way of bringing in more aware- sons. Adding the pink ribbons to a company’s logo or slogan creates an attractive image for consumers who want to do good.

But what does the pink ribbon mean? It is the most recognizable symbol of hope and progress. The pink ribbon is not taint- ing the memory of Susan G. Komen and similar companies. Yes, it is an advantageous business strategy for companies, but it is also less to know that another helping hand is contribut- ing. But we need to “shake chicken soup.”

If Susan G. Komen did not have many corporate partners, because it refused to allow “pink-ribbon-ing,” the organization would not have achieved the same level of success. Collaboration is a crucial means of advancing breast cancer awareness, and it has proved to be one of the most ef- fective methods of raising awareness.

Think about the number of Cancer Organizations that collaborate with each other to pro- mote awareness of their goals. For example, a small service organization may decide to co-host an event with a larger, more prominent cancer organization. Even though they may not share the exact same goal, collaboration brings more partici- pants and helps all involved.

We live in a culture where raising awareness is a significant step toward greater goals. Whether funding to build houses finally goes, collecting food for the hungry, or even sharing a cultural event to the entire campus, if the goal is to raise awareness, collaboration is an incredibly useful tool.

A PERSON’S OPINION

Compiled by Yeonjung Hwang

October 27, 2014 • The Tartan

the tartan.org/forum • A9

First-year

Tanvi Joshi
Computer Science
First-year

“I want to be Physicist/Physicist, and I’ve never been there before.”

Danny Gratz
Computer Science
First-year

“Do you want to help fight cancer?”

Maegha Singh
/Staff Artist

“The Ribboning” promotes awareness

Emily Giedzinski
/Staff Artist

“I went to Philadelphia, and I’ve never been there before.”

Justin McGown
/Staff Artist

“Having time to relax.”

Grant Wu
Computer Science
First-year

“I don’t remember what hap- pened. But I think we ate “clean chicken soup.”

Eileen Huang
Sophomore

Having time to relax.”
Sophomores

Joel Acquisto
Caroline Bagel
Seth de Boer
Jonathan Berman
Sean Bitter
Brian Bittner
Cole Boman
Mauricio Bonsanto
Christopher Cono
Sebastian Centeno
Maggie Chen
Kenneth Chin
Manoel Chouikia
Felix Choi
Zachary Doan
Sarah Delano
Joshua Donovan
Sasha Dermitis
Kaan Dogruoz
Tanner Douglas
Matthew Du
William Brnett
Omer Ehrabko
Jonathan Fair
Yudi Feng
Rachel Freer
Chen Hsieh
Martin Grodzicki
Raghav Gupta
Yann Hsia
Daniel Haddad
James Han
Andrew Haroon
Christopher Herrera
Duc Hieu Haung
Benjamin Hong
Nicole Huang
Jin Su Jung
Yihi Jin
Amelia Jones
Tomasz Jurek
Marcus Julian
Jong
Sean Kim
Do Hyung Kim
Jordan Knoblauch
Madeleine Ku
Jabou Kubik
Eleanor Kwok
Dorin Kvak
Grant Longnin
Levon Low
John Lee
Jin Wee-Hao Lee
Yingyu Lee
Kenneth Li
Zhi Ting Lin
Alexander Lucic
James Macfarland
Danielle Moly
Zachary Mandeville
Russell Marsaisky
Brigid McGovern
Anna Miranda
Rudin Marques
Kyle Mueller
Ian Neth
Alexandro Newby
Angelo Araya
Nigini Normale
Josefina Onofre
Benjamin Parent
Eric Pergidos
Stephanie Patterson
Peter Pearson
Brandon Pees
Nashat Put
Noramin Qunu
Benson Qu
Deeply Rovil
Clayton Ritter
Bryn Scharenberg
Shawn Seay
Mason Shoko
Nico Shokoemaker
Hao-Jian Sheen
Paige Siglter
Benjamin Segel
Adam Simpson
Kien Singhdo
Michael Soloman
David Sparks
Holly Stain
Kathryn Sullivan
Nicholas Tan
Jack Tay
Shingo Wang
Matthew Whitney
Edward Wilson
Evan Wrineland
Liongwang Xiang
Jingyu Xue
Petroxu Xu
Julie Yang
Ellie Zhang

Juniors

Guenter Adler
Yousef Altes
Tereznik Anthon
Joshua Antonson
Nathan Appleton
Benjamin Avery
Natasha Barber
Spencer Barton
Denys Begal
Anshu Bhardwaj
Zane Bhusnurde
Edward Coo
Lauren Croom
Peter Crippa
Thorsten Clottnen
Albert Cho
Stephen Cheng
Zachary Cohen
Tanner Douglas
Adam Costanza
Tyler Coo
Joshua Cooch
Sarah Cunningham
Daniel Corman
Cesar Cortez
Patrice Daniel
Alisa de Bryne Kop
Francisco Desplantes
Louis Delanter
Alison Elain
Laura Fleury
Lorena Fleury
Michael Ford
Baylor Forester
Alexandra Frankel
Blair Graham
Erich Green
John Greth
Catherine Grossner
Christian Haneman
Korey Houg
Miroslav Horgan
Shannon Hogan
Taylor Hughes
Roberta Jaime Gorra
Sarah Johnson
Michael Kelmam
Sarah Kelly
Jenni Kim
Andrew Koegel
Julian Kocher
Tom Mal
Alvin Mbang
Michael McDermott
Cancer McGuire
Allan Miller
Bradden Metson
Andreas Munkers
Claude Muller
Thomas Mullins
Jeremy Nege
Nicolai Neele
Frederik Ott
Martin Ordor
Ladies Pardis
James Perks
Tao Liang Phua
Martin Pirateski
Matthew Powell-Palm
Patok Pasha
Dylan Quinones
William Reardon
Ivan Rosado
Christian Schultz
Ark Schwinkeim
Ralph Shahverdian
Richard Shani
Carolin Sieck
Richard Spalding
Estan Stomke
Niket Sandhu
Elijah Tan
John Tomsen
Jonathon Walsh
Jenna Withrow
Mike Wrong
Michael Wu
Thomas Wurfspringer
Darwin Yang
Yang You
Shiyi Zhang
Yikun Zhang
Juni Su Jang
Benjamin Hong
Andrew Hearon
Daniel Haddox
Yoon Hee Ha
Chue Hsien Goh
Rachel Freer
Jonathan Farr
Omer Elhiraika
Tanner Douglas
Kaan Dogrusoz
Kenneth Chin
Alexander Levato
Tygerua Krishna
Sairam Krishnan
Advaya Krishna
Woo Leun Kwang
Matthew Kudrat
Joy Kuveller
Stacie Locklier
Xiong Lin
Chang Sheng Luh
Gina Lu
Liz Mark
May Chu
Jordan Zile
Kathleen Yu
 Justin Young
Robert Winkelman
Rebecca Wells
Meng Wang
Patra Virasathienporn
Ryan Trottier
George Tian
Andrew Thorsen
Michael Tay
Daniel Tay
Daniel Tabrizi
Mike Standish
James Solomon
Ramya Sivakumar
Charlie Shulman
Daniel Shafrir
Anand Sastry
Matthew Sarett
Utkarsh Sanghi
Sara Roy
Sara Lea Kashof
Ulkarz Sangi
Matthew Sarrett
Ando Sastry
Daniel Shafir
Ying Shi
Charles Shuman
Rahib Singh
Ramesh Sinha
Mike Stolich
Daniel Tobin
Brian Tong
Michael Tay
Andrew Thorsen
George Tian
Ryan Trauter
Ethan Ungher
Patro Vivas
Michael V PART
Hai Wang
Meng Wang
Wei Wang
Rebecca Walls
Yang Wen
Andrew Willig
Robert Winkelman
Eric Wise
Catherine Woesten
Christopher Wysoczki
Christina Year
Justin Young
Kathleen Yu
Jordan Zile

Seniors

Annabelle Alcoald
Philip Bailey
Elon Bauer
Nikita Balchandani
Mustafa Bilgen
George Bozeczki
Tore Borstein
Kevin Brennan
Patrick Brown
Rachel Browne
Joceline Budil
William Bullard
Helen Burk
Band Burzese
Kyriatza Caffo
Joseph Carlos
Calin Cadar
Terry Chan
Stephen Chen
Carina Clune
Benjamin Cosimo
Brittany Couture
Madelene Cramer
Haley Dalzell

Mikko David
Brian Devins
Caitlyn DiPietro
Gryphon Drake
Christopher Ehrlich
Barri Ferris
Evan Fisch
Alexander Fry
Carrick Glushkin
Juliana Gomez-Fritelli
Anshul Goyal
Tristan Gramet
Jacqueline Gueld
Else Hede
Jity Haray
Christopher Hallday
Kelu Huang
Andrew Hudan
Vijay Jayaram
Jeremy Jing
Akash Katipally
Beth Katz
David Keyer
Sangbum Kim
Young Wan Kim
Sean Klein
Alexander Kazhavszkov
Brent Kriner
Adria Krivosht
Soram Krishnam
Woo Leun Kwang
Matthew Kudrat
Joy Kuveller
Stacie Locklier
Xiong Lin
Chang Sheng Luh
Gina Lu
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May Chu
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Meng Wang
Wei Wang
Rebecca Walls
Yang Wen
Andrew Willig
Robert Winkelman
Eric Wise
Catherine Woesten
Christopher Wysoczki
Christina Year
Justin Young
Kathleen Yu
Jordan Zile

First-Years

Judith Abol
Vikal Asij
Anna Bandecco
Johno Bang
Frank Beils IV
Zachary Blander
Heather Bowman
Diyra Braenbanhru
Nikhil Budval
Nicole Bustos
Andrew Chalmcan
Alex Chen
Andrew Chen
Chen Chao
Tromseng Chen
Yuting Chen
Jens Cremar
Vikramathody Cherpuyally
Osvaldo Cristooppa
Ruan Cheval
Jane Choo
Xie An Chong
Stephen Chung
Benjamin Crites
Robert Dasso
Hope Doher
Jason Dwyer
Malaysia Elgin
Andreas Fatchel
Joshua Fophem
Turang Gospano
Mitchell Guelih
Shubhank Goyal
Michael Grosser
Joseph Gu
Nicolas Halbولد
Matthew Harding
Anna Hera
Maya Holay
Mya Choung
Peng Jin
Eveline Ju
Kai Kong
Alexander Kearms
Brian Khoury
Paul Kim
Kirt Kirtic
Fatima Kabele
Steven Koal
Nicholas Kosarek

Baron Lee
Scott Londes
Tuan Ah Lee
Evan Lee
Jun Yi Edmund Lee
Hyuck J Lee
Justin Lee
Dionne L Lee
Hungyu L Lee
Brian L Lee
Jiefan Liu
Sabrina Liu
Conor Moine
Robert Moratas
Nicole Morellino
Kiran Morathur
Alysha Meyer
Luke Nealy
Celeste Neary
Zachary Newman
David Ott
Gordon Pace
Cortney Pooley
Kathri Paranilam
Patricia Pan
Paul Pan
Lukas Parrao
Alexander Peterman
Zachary Pichlott
Canal Qu
Adhvin Raghoharachin
Lauren Reykerk
Jacobh Sial
Ian Rosenberg
Riya Sarva
Sahil Shah
Samantha Shemaker
Miles Smith
Jeremy Songar
Nomi Sterneht
Rebecca Stokes
Teresun Sun
Jordan Tik
Stephanne Tjan
Mary-Ann Tah
Nicole Tam
Jiuler Tucker
John Urbanek
Nikhita Varwani
Shir Wadavani
Allen Wang
Jamei Wang
Jiho Wang
Jacoa Weiss
June Williams
Alexander Woodard
Yi Wu
Patrick Yang
Yuxuan Yang
Sage Xinyi
Aziz Xuyii
Hekoi Xue
Yizh Zhang
Andrew Zheng
Min Zhu
Tangrui Zuo
CMU swimming and diving wins pair of weekend meets

**Volleyball**

Over the weekend, the Carnegie Mellon volleyball team traveled to Kent State University to take on Kent State in a dual-style meet. In a close contest, the Tartans took the first set, before falling in the next two. Despite the loss, the Tartans continued to fight and extended their lead further against Kent State.

**Football**

The Carnegie Mellon football team traveled to Saint Vincent College on Saturday and came back home with a bad taste in their mouth after surrendering a large second half lead.

After a turnover on Saint Vincent’s opening drive, the Tartans quickly took a 0–6 lead when junior quarterback Andrew Heyen calmly moved the team downfield before finding senior Wide Receiver Chris Herrera on the down pass, with junior Wide Receiver Andrew Hearon rushing in for the second touchdown of the day.

The only major deviation between the men’s and women’s days came on the diving board where junior Vanessa Michalidou and Noah Fans looked incomparable and well behind the top Case Western competitors.

Both squads will next extend on Saturday when they host Clarion University of Pennsylvania.

**CMU swimming and diving wins pair of weekend meets**

The Carnegie Mellon men’s and women’s swimming and diving teams opened up their respective seasons on Saturday as they each faced off against Case Western University in a dual-style meet.

The men’s team dominated, ultimately winning 185–115 on the back of 16 ever wins. The Tartans started out on the right note when they cruised to an easy victory in the 200-yard medley relay. First-year Anna Wong, first-year Kim Hochschild, sophomore Gillian Crown, and first-year Tara Montavon put up a combined time of 1:58.39 and touched the wall more than two seconds before the top Case Western team. The women kept up the pressure with first-year Miranda Ford and sophomore Katheryn Klausing placing 5–2 in the 100-yard freestyle, touching the wall at times of 51.99 and 1:10.49, respectively. Wong and first-year Kyle Chung matched the fence at the 200-yard backstroke with times of 1:00.97 and 1:02.77.

First-year Britta Malmberg, and sophomore Paige Sjolander pulled off the 1–2–3 sweep in the 200-yard backstroke with times of 2:12.80, 2:15.46, and 2:15.34, respectively. Ford and Klausing added the 5–1–2–3 finish of the meet for the Tartans in the 510-yard medley. Swimming on the top spot, first-year Sam St. John added the final day of the 490-yard individual medley with a time of 4:44.78.

In the two diving competitions, the Tartans were ever more dominant, sweeping 1–2–3 in both the 1-meter and 3-meter boards. Sophomore Machika Kaku, senior Victoria La, and senior Andrea Anfield led the Tartans to victory in the 1-meter with final scores of 20.5, 22.65, and 20.45. Then switched the order in the 3-meter dive with Linking first, Kaku second, and Anfield in third with a time of 1:48.17.

The team seemed to grow more dominate as the day progressed, with junior and sophomore Allison Rikly taking 1–2–3 in the 100-yard free with times of 55.53 and 55.16, respectively, while first-year Emi Shi, first-year Brinda Milhara, and sophomore Paige Sjolander pulled off the 1–2–3 sweep in the 200-yard medley relay with times of 59.29, 1:00.90, and 1:01.24, respectively.

Sophomore Brian Walsh was the next Tartan winner with his 1:55.03 finish in the 200-yard breaststroke. Before Walsh and St. John took the top spot in the 200-yard breaststroke, finishing with times of 2:14.07 and 2:13.52, while the two took the top spot in the 200-yard freestyle, touching the wall at the 2:48.34 mark. Mala added his fourth win of the day in the 500-yard backstroke with times of 5:12.01, 5:12.03, and 5:12.04, respectively.

Stieg and Podniesinski continued for a 1–2 finish in the 200-yard breaststroke, finishing with times of 2:34.07 and 2:34.15, while the two took the top spot in the 200-yard breaststroke. Winning 187–105 behind 11 event wins.

Matching the women’s style of winning early and often, the men’s team also started out the meet with a victory in the 200-yard medley relay with senior Josh Lachow, sophomore Sloan Miles, and first-year Kevin Steinmiller combining for the winning time of 1:36.41. First-year Josh Tashkin kept the momentum up for the Tartans with his win in the 500-yard freestyle, touching the wall at 5:22.84, more than nine seconds faster than second place.

The women’s team dominated as the day more dominant, sweeping 1–2–3 in all 11 events won. More Paige Sieffert pulled off another 1–2–3 finish of the meet for the Tartans in the 100-yard backstroke with times of 1:54.10, 2:02.70, and 2:03.35.

Elena Brechko added his fourth win of the day in the 200-yard backstroke with times of 1:52.73, 2:06.31, and 2:05.35.
Turnout at “League of Legends” final proves eSports are here to stay

JASON LIAO
Junior Staffwriter

Competitive video gaming, or eSports, is now taking off in mainstream culture. Gaming provides an outlet for people who are destined to be at major events. But in South Korea, more than anywhere else, it has already soared into the stratosphere.

In the United States, a host of tournaments and events have been taking place in recent years. But in South Korea, the major drivers of major events have included national dates.

The most recent of these dates was on May 14, when a crowd of more than 25,000 people came to the National Stadium in Seoul to watch the final of the World Championship. The tournament features 16 teams from around the world, and the winner was decided by a single match.

The tournament featured a record-breaking number of viewers, with an estimated 30 million tuning in to watch the final. The event was broadcast on several different platforms, including television, social media, and streaming services.

The event was also broadcast on a dedicated channel, which helped to bring the event to a wider audience. In addition, the event was covered by several different media outlets, including newspapers, television, and online news websites.

The event was a major success, and it demonstrated the potential of eSports as a major entertainment platform. The tournament was well-attended, and it showed that there is a large and growing audience for eSports events.

The event was also significant because it showed that eSports are already taking off in major markets, including the United States. The event was broadcast on several different platforms, including television, social media, and streaming services.

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The Beggar’s Opera
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   This bohemian restaurant may be quirky and small, but their food is delicious.

4   Jodi Picoult
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5   Primus
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6   Beggar's Opera
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8   New Works Series
   Three original works written by students premiered this week.

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   As the weather changes, so should your wardrobe.

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3   Advice
   Everything you need to know about how to watch movies for free.

7   Movies in McConomy
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   Things to do when you’re not busy studying or creating a Halloween costume.

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   Need a laugh after a week back? Check out comics.

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   Gear up for the next half of the semester with some puzzles.

14  Horoscopes
   The stars have predictions for your next vacation.
On Saturday, in my eternal quest to eat at every restaurant worth eating at in Pittsburgh, I ventured off the beaten path to Cafe Zinho, a small, quirky Shadyside restaurant.

On a small side street off of Ellsworth Avenue, Cafe Zinho is about as hipster as Pittsburgh Mediterranean cafes come: it doesn’t take credit cards, it’s BYOB, and it’s totally underrated.

Walking into the cafe feels like walking into the place where bohemianism was born: the chandeliers are colorful splashes of glass, the cash register looks like it dates back to the days of Bonnie and Clyde, and the walls are decked out with the weirdest, coolest, most grandma-became-a-hipster decorations I’ve ever seen. The atmosphere, quiet before 6:30 p.m., is intimate and energetic, which pairs perfectly with the food. However, I was disappointed to be seated not only right inside the door but also right beside the counter at which the hosts and waiters seemed to gather, making it feel like our dinner was being monitored by the restaurant staff.

In any other case, this would have prevented me from discussing my food aloud, but the food at Cafe Zinho was so satisfyingly delicious that there was nothing I had to worry about saying too loudly.

Like many others, the restaurant drops bread on the table. Instead of the tired French loaf, it’s a warm, crisp on the outside, soft on the inside cornbread — a perfectly quirky start to your meal. I was afraid that the Mediterranean platter appetizer would be cliché and played out: some pita, hummus, olives, tomatoes, red peppers, and cheese do not make a five-star plate.

However, my worries were unnecessary. Everything was seasoned so expertly that I felt that this dish was the best of its kind and a generous serving to boot.

For my dinner, I selected the only vegetarian option on the menu: the butternut squash ravioli with pumpkin coulis. (I must add that it was both a let-down and a surprise that this was my only option, especially at such a seemingly ‘hip’ restaurant where I would expect many vegetarians to dine.) When our waitress set my bowl down in front of me, I was sad to see such a small serving size. However, after several of these raviolis, I understood the thought behind the modest servings: The ravioli were incredibly filling, and by far the most autumnally appropriate dish I’ve had this fall. The butternut squash filling was light and sweet, with a hint of mint to finish them. They were perfectly paired with the pumpkin coulis, which was lightly spiced with cumin, ginger, garlic, and a little something else to make a pleasing marriage of sweet and spicy. The roasted vegetables that came with the dish seemed random but actually proved a nice addition. It gave the chance to taste the sauce on its own with something less flavorful.

The dessert was a beautiful, again modestly-sized, Portuguese cornbread pudding. I was afraid that the dish would be too savory and overload the meal, but I was wrong again. In fact, the beautifully moist pudding was very sweet, and I was thankful that the sauce that came with it was creamy enough to mute the sugar a bit.

Everything was perfectly presented, and it is easy to see that the staff here truly cares about the food that they are serving, and the experience that the diners have. My biggest complaint was that for such modest servings, the prices were very high. The quality of the food was absolutely amazing, but even small portions of amazing shouldn’t cost $25 to $30. I wish the prices were more reasonable so I could justify eating that delicious ravioli again.

It’s easy to walk past Cafe Zinho, tucked away in a small house on Spahr Street, but this is one garage that you want to make sure to try at least once.

Laura Scherb | Operations Manager

Cafe Zinho is located at 238 Spahr Street in Shadyside. It is cash only and BYOB.
Jodi Picoult discusses the facts of fiction

The celebrated author described the research behind her work in a lecture last Monday.

"We’re going to play a little game tonight. We’re going to pretend this is Monday night football, and I’m the quarterback," Jodi Picoult, author of many well-known books including *My Sister’s Keeper*, said as she took the stage to applause at the Carnegie Music Hall as part of the Literary Evenings’ Monday Night Lecture series.

Picoult, addressing a sold out auditorium on the heels of the release of her new book *Leaving Time*, spoke to the audience about the research she does for her works of fiction. Doesn’t fiction mean that a story is made up?

While Picoult writes stories that come from the inner machinations of her brain, she often bases them around real-world things that need to be experienced to be properly explained to readers. And boy, were her experiences eye-opening. Although I’ve never read a book by Picoult, she has convinced me to try one out this winter break.

Picoult first related the research she performed for her book *Second Glance*, published in 2003. In the book, the narrator, Ross Wakeman, comes to Comtosook, Vt. when the Abenaki Indian tribe land is being eyed for a shopping mall. If the tribe proves it was a burial ground, the mall cannot be built. Ross, a ghost hunter, comes to the town as its people are being haunted and finds out that the ghost is someone he is feeling head over heels for.

To write this book, Picoult not only had to research the Abenaki tribe, but also the Vermont eugenics program, a program in which the Abenaki were forced to disband or go underground as the government sterilized them so that they could not reproduce.

Additionally, Picoult spent some time with real ghost hunters, the Atlantic Paranormal Society in Rhode Island. "If some of you have seen the TV show on the Syfy channel, *Ghost Hunters*, it was those guys. I knew them before they were famous. They were just ... plumbers doing this on the side," Picoult said.

"So at the time I was going ghost hunting, my oldest son was about eight/nine years old, and he was terrified of ghosts," Picoult continued. "So here I am going, ‘Honey, there’s no such thing as a ghost,’ and then packing my bag to go ghost hunting."

Picoult next related the research she performed for *The Storyteller*, a book about a woman who is confused in by a former Nazi commander living in America who wants her to help him die.

Jodi Picoult, author of *My Sister’s Keeper*, delivered a lecture regarding her research methods for her fiction works before a sold-out crowd at Carnegie Music Hall last Monday.

To understand what she was writing about, Picoult talked to numerous Holocaust survivors, including survivors of concentration camps, death marches, and the ghettos. In one story Picoult told, a boy named Bernie pried a mezuzah from his doorway as he was taken from his home.

Last but not least, Picoult explained the research that went into her latest book, *Leaving Time*.

The book touches upon elephants’ expression of grief, which the protagonist’s mother studied before she disappeared. "Ultimately, this is a book about how the people who leave us never really do," Picoult said. "And I began to dive into the world of elephants, knowing I was going to use it as a metaphor, so tonight what I’m going to be telling you about is everything you wanted to know about elephants and more."

Picoult explained that she worked with a neurobiologist to understand the human brain and then learned how it was similar to and different from elephant brains. She then went to The Elephant Sanctuary in Tennessee, as well as Botswana, to work with researchers who track elephant migration patterns. Picoult said that elephants are recognizable by voice, tusks, hair, and ears. No two elephants have the same ears. She also explained that elephants have complex brains capable of remembering, feeling pain and loss, and learning. Elephants also won’t leave each other behind, according to Picoult. Picoult culminated her talk about elephants by relating the importance of ending poaching.

Picoult doesn’t just live in the world; she experiences it. From her talk, it is apparent that she’s not afraid to ask someone for help in order to understand what they are an expert on. What better way is there to learn than to ask someone who is itching to share what they know? Picoult seems to have mastered the art of delving wholeheartedly into another person’s story to understand where they come from or why what they do is so important to them. And what better outlet to relate what she learns from her ability to immerse herself than in a book?

But why does Picoult write fiction about such controversial issues when she could write nonfiction to give her readers the cold, hard facts about a topic she has researched? Certainly, nonfiction wouldn’t mesh the facts with fiction by its very nature. Picoult explained as she finished her lecture:

"There’s something that fiction can do that nonfiction cannot," Picoult said. "A lot people will not address a controversial subject in nonfiction, but they pick up a novel, and they think they’re being entertained, and almost by accident, by the time they close that last page, they realize they are being forced to re-evaluate whatever opinions they have when they started the book.... Where I believe that nonfiction has the obligation to chronicle the past and what has happened, fiction has the opportunity to change minds, change the future, and change the course of what will happen."

Here, here.

*Braden Kelner* | Editor-in-Chief
Primus turns Willy Wonka into Freddy Kreuger
Group’s cover album of the classic family soundtrack gives each song a new and creepy take

There’s an old saying that when you assume, you make a donkey out of you and me. However, there is one assumption that is probably very safe to make, and that is that every child, and thus every adult, loves the movie *Willy Wonka and the Chocolate Factory*. While there are a number of reasons the film has a special place in all of our hearts — from the colorful candy room, to Gene Wilder’s iconic performance — the music is certainly a key ingredient. Who hasn’t skipped across the Cut after a successful exam, gleefully humming “I’ve got a golden ticket! I’ve got a golden twinkle in my eye!”? The songs are all happy and bright, and are inexorably linked to a period of innocence and comfort in our lives. They’re so beloved, in fact, that it’s hard to imagine any of those tunes eliciting an emotion other than happiness in a listener. Well, guess what? Thanks to American experimental rock group Primus, some of them may now give you nightmares.

Last Tuesday, Primus — known for being extremely weird — made one of the weirdest moves of their incredibly weird career, and released an album that covered the entire soundtrack to the 1971 family classic. The project, which is an extension of a specialty New Years Eve concert the group performed last year, reimagines the songs in Primus’s unique style, with varying degrees of success. Basically, they make every song sound as creepy as the part in the movie where they’re all in the boat in the dark tunnel, which is an incredibly intriguing, but repulsive concept.

Primus, for lack of a better description, sounds like a rickshaw gypsy band. Their sound is almost indescribable. It’s so unique, and the fact that they have taken on such a project is so undoubtedly them. Only Primus would think to cover the Willy Wonka soundtrack, and they’re probably the only artists weird enough to conceivably pull it off. The album takes multiple listens to sink in, because, at first, it’s so jarring. Creative force Les Claypool, who plays the upright bass and sings vocals in the band and is also well known for penning the *South Park* theme song, takes each song and makes them sound as if they’re being howled from a dark cavern.

“Golden Ticket” starts off quiet and menacing, before exploding into a triumphant and pounding chorus. Les dances around on the bassline as Larry makes interesting sounds with his guitar. The whole group sounds like they’re having a lot of fun on this one. This song in particular sounds as if it may have been the genesis for the entire project; Primus’s unique sound fits so well with the song’s sing-song rhythm and overall gleeful and child-like atmosphere.

The group’s sound dynamic shines no brighter than on the “Oompa Loompa” tracks. These are songs that perfectly fit Primus; sound, attitude, and all. The bouncing bass lines of the dancing Oompa Loompas give the group a great platform from which to experiment.

The album’s absolute highlight and climax comes in Veruca Salt’s ode to greed, “I Want It Now.” The song’s register works well for the vocals, and it is probably the closest the group comes to a complete and successful rework of the song.

The group never expands beyond the bass, guitar, drums, marimba, and cello. It’s rather amazing the diversity of sounds they are able to produce and how rich the album sounds given the limited resources. These are clearly incredibly talented musicians who have found their niche and are digging as deep as possible into it.

The songs both repel and attract at the same time. They don’t necessarily sound good, but there’s something about them — some charm — that hooks you in and doesn’t let you go. Perhaps it’s because these are songs you’ve grown up with, known and loved your entire life, and to hear them performed in such a bizarre and interesting way is so shocking that you simply can’t get enough. It’s so hard to imagine “Pure Imagination” sounding like this, that when you do hear it, you’re instantly intrigued.

If “Semi-Wondrous Boat Ride” scared you as a kid, give this version a listen. I dare you.

Joey Peiser | Pillbox Editor
The first striking thing about the School of Music’s production of Benjamin Britten’s adaptation of John Gay’s *The Beggar’s Opera* was that it looked put together by beggars — intentionally, of course. The ragged-looking curtains pulled back to reveal a patchwork backdrop and a cast dressed in a mixture of modern and 18th-century clothing in this production, which ran Wednesday through Saturday.

The opera itself focuses on an assortment of motley characters from amongst the seediest members of English society in the 1700s. Polly Peachum is the daughter of Mr. Peachum, a man who works with thieves to sell their goods, and Mrs. Peachum, a prostitute. Polly’s parents are mortified that their daughter, whom they have raised all her life to cheat men out of their money, would of all things marry highwayman Captain Macheath — and for love, not even for money! Seeing that the match would otherwise be unprofitable, they encourage Polly to turn her husband in for money and tell her that if she will not, they will.

This story is not exactly one about star-crossed lovers. Although Macheath pledges his devotion to Polly when in her presence, the moment she is out of earshot, he cavorts with every prostitute in town. We later find that he is also married to jailer Lockit’s daughter Lucy, who is pregnant with his child. And Lucy is none too happy about being forsaken for Polly.

Unfortunately, members of the audience unfamiliar with the story might not have known this if it were not for the synopsis in the program; the weakest point of the production was that it was extremely confusing to follow. As a result of the 18th-century dialogue and the British accents that the performers put on, it was difficult to understand what anyone was saying. This confusion became even worse during the singing parts; operatic singing is already somewhat hard to make out, and with the addition of the two previously listed factors, the performers might as well have been singing in a completely different language, although the opera is in English. Captions, especially during these singing parts, would have been highly appreciated.

The Friday night production starred master’s student in vocal performance Erin Schmura as Polly, senior vocal performance major Zachary Mendez as Macheath, senior vocal performance major Raphael McCorey as Peachum, master’s student in vocal performance Courtney Elvira as Mrs. Peachum, junior vocal performance major Garret Eucker as Lockit, and senior vocal performance major Adrienne Lotto as Lucy. There were a number of hilarious performances: Elvira was comically over the top as Mrs. Peachum, a stereotypical overbearing mother à la Mrs. Bennet if the latter were a prostitute. She played well off McCorey, who was more of the straight man. Another scene which drew fits of laughter from the audience involved Mrs. Trapes, a minor character played by senior vocal performance major Ethan Crystal. To the audience, Mrs. Trapes was obviously a man in drag but this fact seemed to be unnoticed by Lockit and Peachum, who kissed and flirted with her.

Though it may have been difficult to understand, the singing itself was amazing. Just listening to them briefly, it is evident that the songs are difficult pieces to sing, though the performers pulled them off wonderfully. The music is gorgeous: Derived from English folk music, the pieces were clear and lively like a country spring. The flute burst in trills and thrills while the violin sang, with varied percussion throughout.

“**All In a Misty Morning,”** Captain Macheath’s dance song, and “Fill Every Glass,” a drinking song sung by the thieves, are both lively folksy pieces. “Would You Have a Young Virgin?,” in which Macheath sings about his womanizing, is ironically set to a sweet violin piece. In “**Thus When a Good Housewife Sees a Rat,”** in which Lucy sings to Macheath about his philandering, we see Lotto having much fun rolling her Rs. Polly’s aria in Act II, Scene 13 is accompanied by the gentle sounds of a harp and chorus. It is a very sweet song, and Schmura was an excellent singer who pulled off Polly’s purity and dedication very convincingly.

When you could understand what was being said, the witty banter and dialogue were the highlight of the show. Gay’s work is a satire of English society at the time. It explores class and gender relations in 18th-century England, which was much more bawdy than is often depicted in the popular imagination. There are no ladies curtsying, gentlemen tipping hats at one another, or people sipping tea while conversing with words like “shall” and “indubitably.” Instead, we find a society where parents address their daughters as sluts in casual conversation, drinking and gambling are rampant, and all the men are thieves and all the women are prostitutes.

Some of the funniest scenes are when Polly and her parents discuss her marriage. “Do you think your mother and I should have liv’d comfortably so long together, if ever we had been married?” Peachum exclaims. “What would many a wife give for such an opportunity!” Polly’s mother tells her when she proposes that Polly should kill her own husband. When Polly expresses sadness at the thought of parting with her husband when he is dead, her father proclaims, “Parting with him! Why, this is the whole scheme and intention of all marriage articles!”

Overall, the production offered a unique aesthetic and wonderful music. Hopefully, you made sure to read the Sparknotes beforehand!

**Xiyu Wang** | Assistant Forum Editor

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*The Beggar’s Opera* tells the story of Polly (master’s in vocal performance student Erin Schmura) and her love affair with the dastardly Macheath.
Fury takes the glitz out of the blitzkrieg

Gritty World War II film starring Brad Pitt explores the devastation wrought by combat

In April 1945, the last month of World War II in the European Theatre, the Nazis make a last-ditch effort to uphold their resistance against the Allied troops marching into Germany. As a fictional account, Fury is a gritty and visceral depiction of the horrors of war that minimizes the glamour and overt chauvinism that most war movies tend to amplify. At least, it minimizes at much as it can — come on, Brad Pitt stars as the film’s heroic Sergeant Don “Wardaddy” Collier. Star power aside, Fury fearlessly displays the damage of the battlefield as being more tragic than it is heroic. Writer and director David Ayer (Training Day, End of Watch) is a master of the craft of filmmaking. He possesses and builds upon the power of making the audience feel the essence of a story. In this case, the essence lies in the internal devastation that the soldiers feel in every moment of the war, although they must quash their emotions in order to continue doing their job.

The film has a bevy of strong actors who play distinct characters inevitably torn down to shreds of who they once were. Wardaddy is the head of his regiment, and serves as the commander of his army tank, Fury. He’s strong-headed and tough, always determined to move onto the next mission. He commandeers a five-man crew that’s been with him since their North Africa Campaign: Boyd “Bible” Swan (Shia LaBeouf), a gunner who finds peace in Christianity; Trini “Gordo” Garcia (Michael Boyd “Bible” Swan (Shia LaBeouf), a gunner who finds peace in Christianity; Trini “Gordo” Garcia (Michael Peña) a likable tank driver with a somewhat cheerful personality; and Grady “Coon-Ass” Travis (Jon Bernthal), a loader with a primal anger constantly lurking and ready to snap.

The crew has a synergistic bond that operates to a furiously mechanical rhythm. However, the crew is thrown off beat when they lose their second tank driver, and newcomer Norman Ellison (Logan Lerman) is thrown into the regiment to take his place. Norman is the baby-faced, doe-eyed reluctant soldier who was originally a clerk trained to type 60 words a minute, not operate a 30-ton army tank. His empathy and reluctance to kill Nazis seriously irritate Wardaddy and the rest of the group, as they know that this is a serious impediment to their mission. They heckle him and mentally toss him into the trenches in order to prepare Norman for the ugly horror to come.

There’s a stubborn mentality that develops amongst these soldiers that can only come from the devastation of war. The soldiers are gritty: covered in dirt with desperate fatigue dragging onto their faces. It’s the mask they bear to face the war and, therefore, the only mask they feel they can handle in their lives anymore. It’s their grasp of manliness. There’s a scene in which Wardaddy and Norman intrude upon the home of two German women, and Wardaddy finally gets to have a clean shave. He dons off his shirt for a seemingly objectifying purpose, as the camera seems to take its time staying on his body, in all of Brad Pitt’s age-defying muscled glory. However, in the turn of a frame, the scars of war are revealed in the form of burn scars covering his back.

The war is forever embedded in their lives, superficially hidden under thinly sheathed surfaces. But it isn’t a truth that the rest of the soldiers have fully processed yet. Again, they identify with the trauma of war with more apparent evidence, like the mask of war that they don on their faces. When Wardaddy puts on a crisply clean shirt and now has a freshly washed face, he can be human again. He isn’t Wardaddy in this moment; he’s back to Don Collier. He eats lunch peacefully with his German hosts and with Norman — his respite from the everyday horror that clings to him. His crew bursts in on their lunch, insulted that Wardaddy didn’t invite them, but probably more so that his first real re-entrance into civility is with the enemy. They taunt him and the German women mercilessly and, for the first time, Wardaddy has no control over his soldiers because he’s in the bubble of civility and they’re still trapped in the realm of war. The scene goes to show that a civilian who hasn’t shared their journey can never fully understand the complexity of pain and horror from the battlefield.

It’s been nearly 70 years since World War II has ended and our memories of it have expanded into many branches of legacy. Fury climbs onto the branch that serves as the most honest and, hence, the most brutal. It isn’t so much a war film as it is a horror film, where people are so far displaced from their usual lives and are forced to deal with the hopelessness of such displacement. But through the desolation, the film invokes honor and humanity that can’t be found anywhere else.

Andie Park | Staffwriter

movies in mcconomy

McConomy Auditorium, University Center

Deliver Us From Evil

Friday, Oct. 31
7, 9:30, 12

Halloween: the only time of the year I find watching horror movies acceptable. If you watch them all year round, I question your taste in movies. Sorry. But, not really. Anyway, come down to McConomy Auditorium and watch Deliver Us From Evil instead of going trolling for candy — you’re in college now. The movie features Eric Bana as rough-and-tumble NYPD sergeant Ralph Sarchie, and Joel McHale as his high-octane partner, Butler. Together they are unstoppable and completely cliché. As if that weren’t enough, enter hard-drinking and perpetually smoking Catholic priest Joe Mendoza. This is just the inner dialogue that I imagine happened. Guy #1: I want to make a horror movie with two cops. Guy #2: Okay, but we have a lot of those. Throw in a Catholic Priest and we have a deal. Guy #1: Deal. They hug and become best friends forever. Without giving away any plot — but come on, you probably already know what happens — this movie includes religion, exorcisms, demons, post-traumatic stress disorder, and bad New York accents. It also includes an example of Hollywood ageism at its finest: Olivia Munn plays Sarchie’s wife Jen (that’s a 12-year age difference).

The Wolverine

Saturday, Nov. 1 – 8, 11
Sunday, Nov. 2 – 8

Some may say Australia is most known for kangaroos, koalas, and Vegemite, but I say it’s Hugh Jackman. Seriously, they should put him on the flag. This is Jackman’s sixth appearance as Wolverine/Logan, first arriving on the big screen in 2000’s X-Men — and luckily, this movie makes up for the atrocity that was X-Men Origins: Wolverine. It starts out with Logan traveling to Japan to meet with the scientist that made him “The Wolverine.” He offers to take away his knuckle swords because that is what Logan has always wanted. But — spoiler — he doesn’t go through because, one, Logan realizes he will always be Wolverine, and two, Hollywood loves sequels. The following action scenes are pretty awesome as well. Keep your eyes out for the fighting sequence on top of the moving train. From the trailer, the movie looks very cheesy, but it is actually quite engrossing.
Last week, the Helen Wayne Reath Theater in the Pimentel Center came alive with the world premiere of "Stupid Ghost," followed by "The Recluse; or The Rise and Fall of a Makeshift Pal," both written by master’s students. Known as the School of Drama’s New Works series, these student-written plays offer multiple performances between October 22 and November 2.

**Stupid Ghost**

Master’s dramatic writing student Savannah Robertson’s hilariously realistic Stupid Ghost, directed by John Wilde, tells the story of two roommates, Ronnie, a conspiracy theorist, and Hermie, a ghost. Ronnie is convinced that ghosts are real and that Hermie is one. Hermie is convinced that ghosts are real and that Ronnie is one. The two are roommates in a shared apartment, and their relationship is tumultuous. Ronnie is always talking about ghosts, and Hermie is always trying to prove that ghosts don’t exist. The play is filled with humor and讽刺, and the chemistry between the two actors is palpable. Ronnie is played by Molly Griggs, a junior musical theatre major, and Hermie is played by Chris Garber, a junior acting major.

The Recluse; or The Rise and Fall of a Makeshift Pal

Directed by Katie Akers, The Recluse; or The Rise and Fall of a Makeshift Pal, written by master’s dramatic writing student Stephen Reich, is a dark comedy about a very lonely boy named Hightower. Hightower (a large puppet voiced by an actor) is able to talk, walk, and dance with his new pal Herman. Andrew Smith, is a dark comedy about a very lonely artist. His name is Herman (junior acting major Colin Andrew Smith), and he's been walking into his art studio (a bedroom, kitchen, and outdoor space). It was a rather dingy set with the bed frame vandalized and a bare mattress, along with minimal kitchen supplies.

The Recluse; or The Rise and Fall of a Makeshift Pal is a performance that has an extra dimension of thoughtfulness. Giles clearly has an extra dimension of thoughtfulness. He's been walking into his art studio (a bedroom, kitchen, and outdoor space). It was a rather dingy set with the bed frame vandalized and a bare mattress, along with minimal kitchen supplies.

As the chorus subsided, audience members were introduced to fraternal twins Sam (junior musical theatre major Andrew Dent) and Liza (junior acting major Charlie Adams). They were up until midnight in anticipation of their first performance and were clearly nervous about what they had to remember about the past 17 years. At some point in the play, it's revealed that they are orphans; or at least that their parents are orphans; or at least that their parents are not their parents. They wonder about their parents, who they are, and where they are. They wonder about their parents, who they are, and where they are. They wonder about their parents, who they are, and where they are. They wonder about their parents, who they are, and where they are.

**School of Drama premiers New Works**

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Although it has officially been fall for a while now, temperatures have not dropped until recently, and the time to transition our wardrobes from summer clothes to items more suitable for colder weather is now quickly approaching.

At the same time, it is frustrating to leave your house in the morning wearing a sweater, fully prepared to brave the cold, only for the weather to suddenly become warmer in the middle of the day. As a result, the transition period between fall and winter that generally occurs from October through November can be difficult to handle. However, being aware of what’s in style this fall can really help. How do you figure out what’s in style, you ask? Most of the stuff seen on runways isn’t really wearable in a practical sense. What’s important is knowing how to translate those styles into your wardrobe to make them your own.

In *Vogue Paris’* article, “20 trends for Fall/Winter 2014–2015,” the runways were full of clothing inspired by styles of the ‘60s, including trapeze dresses and pastel colors, which is especially surprising considering the season. Try this style out with a trapeze or babydoll-fit dress. A personal favorite is the “Free People Sundown Babydoll Dress.” Although the dress is quite summery, it can still be worn in the fall with a pair of simple black tights, short heeled boots, and a cardigan. As simple as putting together this outfit is, it gives off the appearance that you put a lot of effort into pairing the pieces and are keeping up with trends. If you really feel like going all out that day, add a simple necklace to tie everything together.

Another one of Vogue’s 20 mentioned trends is described as “all over knits,” and that’s the only way to describe it. Pictures featuring clothing by Marc Jacobs and Céline show models dressed head-to-toe in the same color and texture of knit, meaning that they’re wearing sweater pants to match the sweater that they’re wearing. Sweaters are a normal thing to wear, but the sweater pants look a little crazy. Luckily, there’s another option that you can take which still follows the same theme, but looks more normal. Stores such as Modcloth and Free People have recently been featuring what they’ve been calling “sweater leggings,” which sound strange but actually look really cool. The leggings I found on Modcloth’s website have a Fair Isle design, while the ones at Free People are available in a variety of designs, including floral print. Pair them with a neutral colored sweater, and maybe a green anorak jacket (which has been in style since last fall), and short black boots.

Yet another one of the trends mentioned by Vogue was “eccentric furs,” which I not only found entertaining but also saw as a potential source of fashion inspiration. While I’m not asking you to wear the black and white fur coat seen at Alexander McQueen’s show (it’s pretty scary; you should look it up), this look is commonly interpreted with a fur vest. This trend is something I wouldn’t incorporate into my wardrobe on a daily basis, but it might be nice for events for which you need to look a little nicer or slightly trendier. Just throw one of these on over a simple neutral-toned sweater, dark-wash jeans, and tall boots or short heeled booties.

Ponchos made a comeback this fall as well, which is interesting since the last time I remember them being in style was when I was in the fifth grade. They can be tough to pull off, and you’d definitely have to go all out with the bohemian look if you’re going to wear a poncho. As a result, I would check Free People for some great bohemian ponchos. Though it’s on the pricy side, my favorite one is the “Starlight Shadow Poncho Cardi.” As its name suggests, this item of clothing is half-sweater, half-poncho. Pair it with a pair of simple black leggings and short brown boots.

Taking trends you see on the runway and making them your own is a great way to get inspired when choosing your wardrobe for the cooling fall weather. Generally, wear one of these statement pieces with other simple pieces. Doing this also makes it easier for you; if you want to try one or more of these trends, you won’t have to splurge on buying things that match it since most likely you have those items already.

**Nikita Mishra | Staffwriter**
How Often Women Laugh At Your Jokes by Doghouse Diaries

Goop and maybe everywhere...

How Often Women Laugh At Your Jokes

You get married.

Never

Birth

Death

All the time
What My Alarm Sounds Like by Reza Farazmand

WHAT MY ALARM SOUNDS LIKE

beep boop
jingle jingle
beep boop

WHAT MY ALARM SOUNDS LIKE AT 7 A.M.

AAHHHH!

President Alert by xkcd

EAS: IMMINENT PRESIDENTIAL ALERT

I, UHH. WOW

I WAS JUST... I MEAN...
I APPEAR BEFORE YOU TONIGHT TO, UM.

LOOK, UHH... REMEMBER TO FLOSS REGULARLY. ORAL HYGIENE IS IMPORTANT.
THANK YOU.

press@xkcd.com xkcd.com
Sudoku Puzzle: Very Tough Difficulty

Fill all empty squares using numbers 1 to 9. No number may be used in the same row or column more than once.

Kakuro Puzzle: Hard Difficulty

Fill all empty squares using numbers 1 to 9 so the sum of each row equals the clue on its left, and the sum of each column equals the clue on its top. No number may be used in the same row or column more than once.

Sudoku courtesy of www.krazydad.com
Kakuro courtesy of www.krazydad.com

Solutions from Oct. 13

Crossword

Hard Difficulty

Challenging Difficulty
Horoscopes

Vacation Spots

aries
march 21–april 19
Aries like unique adventures. Try for a day of skydiving, rock climbing, or going on a cool river cruise through a remote location.

taurus
april 20–may 20
Tauruses are laid-back and love homey destinations that are a little exotic. Try heading to a place that’s known for its food and nice scenery.

gemini
may 21–june 21
Geminis like to be entertained constantly, so plan a variety of activities. Choose a place where you can go parasailing, kayaking, surfing, etc.

cancer
june 22–july 22
Cancers like to be cozy and surrounded by people they love. They enjoy being near water, so consider renting a beach house or a lakeside cabin with some friends.

leo
july 23–aug. 22
Leos love glamour and people. Go for a place that has a cool nightlife.

virgo
aug. 23–sept. 22
Virgos are super organized and love to explore new things. Check out a yoga retreat or a cruise that docks in places you’ve never been before.

libra
sept. 23–oct. 22
Libras are artsy and romantic and love being with people. Pampering is a major plus, so find a nice resort where you and your buddies can get some nice massages.

scorpio
oct. 23–nov. 21
Scorpios are passionate and smart. Take a week or two to head some place exotic, and hit up a few bars and restaurants while you’re there.

sagittarius
nov. 22–dec. 21
Sagittarians live to travel and they like big luxurious places. Try heading to a hike in Machu Picchu.

capricorn
dec. 22–jan. 19
Capricorns love to take charge and are drawn to the past, so visit a place with a lot of history. Try to explore a place you can let loose.

aquarius
jan. 20–feb. 18
Aquarius are into anything unique and love meeting new people. Opt for a place off the beaten path like a remote beach.
pisces
feb. 19–march 20
Pisces are hooked on travel that makes them feel fulfilled and calm. Take a pass on a packed place like New York City and look more toward a quieter place like Austin or Sedona.

Maryann Landlord | Comics Editor
Wednesday 10.29.14

Not Finished Yet: Hazelwood’s Perseverance in the Face of Food Scarcity screening.
Kresge Theatre. 4 p.m.
Afterward, there will be a panel discussion moderated by Ken Regal, Executive Director of Just Harvest.

Insane Clown Posse. Xtaza Nightclub. 7 p.m.
Words can’t describe what will occur at this event, but it will certainly be unforgettable. Expect to see law enforcement gathered outside this large gathering of fans known as juggalos; a legally-classified gang by the F.B.I.. Tickets can be purchased at ticketfly.com.

Aaron Carter. Hard Rock Café. 8 p.m.
It’s Aaron’s party, so why don’t you put away that problem set and come get it? Maybe he’ll beat Shaq, maybe he’ll want some candy; who knows what will go down? Expect a weird mix of feelings while singing along to songs you loved as an innocent child. Tickets can be purchased at ticketfly.com.

Thursday 10.30.14

Pittsburgh Performance Innovation Ensemble.
Kresge Theatre. 8 p.m.
Conductor Andrew Heath will lead the ensemble in a repertoire of world premiere pieces: Benjamin Scheer’s Narcissus and Feuds as well as Nathan Faro’s Spirit Music.

Friday 10.31.14

Pablo Amoros, Piano. Kresge Theatre. 8 p.m.
Spanish pianist Pablo Amoros will give a recital featuring the works of Leonardo Balada and his pupils. A coffee and dessert reception will follow the performance. This event is free and open to the public.

Isle of the Dead. Heinz Hall. 7:30 p.m.
The Pittsburgh Symphony Orchestra will be presenting Rachmaninoff’s poem The Isle of the Dead and his melancholic Symphony No. 3 just in time for Halloween. In addition, Nicola Benedetti will perform Szymanowski’s Concerto No. 1 for the first time in Pittsburgh. Performances continue through Sunday, and tickets can be purchased at trustarts.culturaldistrict.org.

Saturday 11.1.14

Beauty Slap. Brillobox. 9 p.m.
Join Beauty Slap, Jakeisrain, and Saumera for a celebration of Halloween at Brillobox. Beauty Slap incorporates live brass playing over electronic production, and Jakeisrain is a Carnegie Mellon-based electronic producer known for his creative use of samples and beats. This event is 21+.

Opening

Storyteller: The Photographs of Duane Michals.
This retrospective collection examines and celebrates the groundbreaking and rule bending Pittsburgh photographer's life and work. Admission to the Carnegie Museum of Art is free with a valid Carnegie Mellon student ID.

Ongoing

Public Record. SPACE Galleries. Through Nov. 9
A collection of works by nine different artists from the international community. This presentation is part of the Pittsburgh Biennial 2014. Admission to the SPACE Galleries is free and open to the public.

The Pittsburgh Public Theater presents the Tennessee Williams classic, inspired by his own life and mentally fragile family. Tickets start at $15.75 for students and anyone under the age of 26. Tickets can be purchased at trustarts.culturaldistrict.org.

As part of the 2014 Pittsburgh Biennial, the Warhol is presenting works from Pittsburgh native and surrealist painter Chuck Connelly. Admission to the museum is free with a Carnegie Mellon student ID.

This exhibit explores a controversy Warhol ignited at the 1964 New York World's Fair, when he expanded and displayed mug shots from NYPD records of the 13 most wanted men of 1962. Admission to the museum is free with a Carnegie Mellon student ID.

Compiled by Joey Peiser | Pillbox Editor

Want your event here?
Email calendar@thetartan.org.
AB hosted the Late Night Jam on Saturday in the Jared L. Cohon University Center. Roger Romero, the saxophonist for Bergman, a jazz/funk band, puts his soul into the song.