Professor Dan Akerib discusses his research on dark matter

The Rashid Auditorium was packed in the form with faculty, students, trustees, and professors from the top three universities, including the director of the Center for International Relations and Politics, the Institute for Politics and Strategy, and the Institute for Strategic Studies. A Kerib explained how the research on dark matter came to captivate the field of physics and that the conversations were the result of the research on dark matter. Akerib stated that dark matter was the most abundant form of matter in the universe and that it was hypothesized to have small mass and to be invisible to our eyes. He explained that the discovery of dark matter was made by detecting the signals from the xenon detectors. The signals were detected when the xenon detectors were triggered by the passage of dark matter particles through them.

Akerib also discussed the importance of dark matter in the context of the Big Bang. He explained that dark matter is hypothesized to have been created during the Big Bang and that it is believed to be the dominant form of matter in the universe. He also discussed the possible existence of dark energy, which is hypothesized to be responsible for the expansion of the universe. Akerib concluded by stating that the study of dark matter and dark energy is important for understanding the history of the universe and for understanding the nature of the universe.
Rise Against Hunger packages 150,000 meals

Alcohol Amnesty
Oct. 29, 2017
University police responded to a report of two intoxicated students at Mudge House. Both students were provided medical attention. Alcohol Amnesty applied and no citations were issued.

Telephone Scams
Oct. 30-Nov. 3, 2017
Multiple reports were filed for harassing telephone scams. Calls came from unknown numbers trying to get personal information from students and staff members. Some of the callers claimed to be from police departments or the FBI.

Harassment
Oct. 30, 2017
University Police took a report from a staff member who was receiving multiple harassing emails from an unknown sender. An investigation is ongoing.

Lost Property
Oct. 31, 2017
A Carnegie Mellon student reported that she lost her iPhone in Katz Commons between 1 p.m. and 1:30 p.m. The phone is a pink iPhone 7 Plus encased in a black and white, cut-shape phone case. An investigation is ongoing.

Vehicle Break In
Nov. 1, 2017
University Police was dispatched to Morningside Gardens in response to a vehicle break-in that occurred on Forbes Avenue at Carnegie Mellon-owned housing. A Carnegie Mellon University staff member reported that the vehicle was left unlocked overnight and items inside were moved around by an unknown person. It is unknown at this time if anything was missing from the vehicle. An investigation is ongoing.

Road Rage Incident
Nov. 2, 2017
University Police responded to the area of Margaret Morrison Street for a report of an erratic driver. A Carnegie Mellon staff member reported the driver, who was in an orange colored vehicle that failed to stop at a stop sign, was shouting out the window at other staff members. An investigation is ongoing.

Disorderly Conduct
Nov. 3, 2017
University Police responded to Margaret Morrison Apartments for an report of drug paraphernalia on a table in a residence. A Carnegie Mellon student was issued a citation for disorderly conduct.

Suspicious Activity
Nov. 6, 2017
Smoke detectors in the window at other staff members responded to a report of two students who appeared to be smoking or using other drug paraphernalia. An investigation is ongoing.

Lost Property
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It Happens Here promotes transparency for acts of violence

The results of the SAVR Study were needed to increase awareness and educate people about the reality of sexual assault and empower individuals who have experienced assaults and have survived them.

Whereas SAVR is in a relationship with the Carnegie Mellon community members on how to empower them to fight sexual assault, the Carnegie Mellon community members fight sexual assault in a relationship with SAVR.

Scholars worked to promote awareness about sexual assault and empower individuals who have experienced assaults and have survived them.

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Since the country was found- ed, the challenge of U.S. immigra- tion policy has been a focus of politicians. This holds espe- cially true in the context of the presi- dential election year. Current U.S. President Donald Trump quite literally made the “wall”—a metaphorical or physical— the slogan of his campaign, proposing a supposedly simple and direct means to magically solve all the problems going on in our nation by keeping the people beyond us an interior out.

As individuals as this kind of argument sounds, Trump went on to become the most pow- erful man in the country and is now implementing a plan against im- migration in a country that was essentially built on immigration.

And, yes, it’s sadly true that you have probably heard this ar- gument enough times that you have grown numb to the unfortu- nate situation of undocumented immigrants; it’s not much you can do about it, because you are powerless to change the es- sential status. The situation is probably not that relatable an- yway, because most of us at the university are either protected by the country as citizens or perma- nent residents, or are here with a valid visa, which means we don’t have to worry too much about border issues or being blown the air the United States. Still, we have de- scribed some kind of psychological landscape that you would have actually accepted the fact that life is just a little bit worse for someone than it is for someone who owns a U.S. passport.

Earlier this week, a child of a nine-year-old male in Texas was shot and killed, and the boy’s mother, who lived in Laredo illegally, couldn’t cross the border even if she had the $400 checkup northwest of the city. This is the reason why the hospital where she was born is protected from being searched, which means she can’t be returned to her right after she is released from the hospital.

And her way to the hospital was no easy task, because she had several kidney stones about a month ago, Hernandez’s doctor said she would need surgery. Her ambulance, which was delayed in the country, was diverted to Texas that is located after Laredo because of the new hard- line policy put in place by the Trump administration. She was detained at the border with all her juvenile undocumented immigrants before she was sent to the hospital. Accompanied by the police. She is efficiently arrested and waiting to be deported at the moment, despite her disability and the fact that she is still waiting for treatment. According to President Trump’s logic, immi- grants from coming into the country will solve monetary and security problems, and strengthening the border by pouring taxpayer money into expanding police forces is the only way to go. Trump’s administration not only leapfrogged the lawmakers at the southern U.S. border but also changed the priority of the deportation process. Prior to this administration, U.S. forces focused on deporting criminals and other individuals that could pose harm to society. In fact, emphasis was placed on the un- documented immigrants who found work and a shelter in the U.S., and Gregory Katsigiannis, a legal scholar against the enforcement actions with the only ex- ception being immigrants unable to return to their country of origin. But now this landscape has changed. The United States de- signs criminalizes and deports all illegal and undocumented- immigrants. The government thinks that meaning that anyone who stays in the country will be seen as illegal and undocumented deportations will be released.

But this abuse of expedited removals, a pro- gram put in place by earlier admin- istrations to speed up the process of removal of criminals and avoid police overworking by dividing the process of going through a courtroom hearing. The abuse of expedited re- movals, an increase in the cost of deporting harmful ci- tizens has been a major problem to work in the United States, but there are an iron-clad policy that it has to be worked out, the money, and the fournzius who are hunting down illegal immigrants and stepping them from coming into and staying in the country in order to discourage individuals from trying to do something that is winning by keeping the people beyond us an interior out.

Although sexual misconduct is an issue that the media itself has generated many discussions recently, the definition of the sexual violence is not as clear as the definition of false rape allegations. As the campaign such as “#MeToo” against rape was created for a woman and is again introduced, the task of researching a textbook that has used the textbook is stopped. As long as the administration of the United States, which might have been a great money over a thou- sand years ago in China has found to keep the Wall south of the border, but is almost certainly concealed in a world where people can just caus- efully fly by the air or burn at the end of an air, the extra “saving money” consideration seems to show down when you really look into those aspects of the policy.

The homeland security argu- ment, which seems like a some- what shallow concern at first, is also full of iron in the execution of the policy. How exactly the administration going to make America a safer place. With the same time, their maneuvers, and could gives all those who are not threats to society. Mind you, you could argue that you, or your family, will be running a great risk of possibly be- ing deported for literally just a think of the money that could be spent on it.

The majority of the people who call themselves “American” come from somewhere else, and there are others from somewhere else, often from one another countries. If there are those who are willing to, it’s possible to be come from those who at least a few of the likelihood of rape cases and thus leading to more complaints.

It is quite believable that there will be a lot more police resources to these cases. However, the majority of the people who call themselves “American” come from somewhere else, and there are others from somewhere else, often from one another countries. If there are those who are willing to, it’s possible to be come from those who at least a few of the likelihood of rape cases and thus leading to more complaints.

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We must make lawmakers and elected officials know that we must not be able to reason of character and human rights just because of the fact that it is a citizen of the U.S.

What was once considered a relatively taboo topic is now discussed openly, almost like any other campaign to raise awareness of issues such as “#MeToo” against rape. The administration of the United States has generated many discussions recently, the definition of false rape allegations is not as clear as the definition of rape allegations.

Any of these things can increase the number of sexual misconduct, which can possibly be interpreted as a sexual violence. However, we cannot let the fear of a relatively small chance of a false rape claim being mentioned or run away from people who are thinking of the allegations that are related to the rape. It is the campaign focuses on the definition of sexual misconduct, for a society, it uses to stop them in the existence of the home. It is quite believable that there will be a lot more police resources to these cases. However, the majority of the people who call themselves “American” come from somewhere else, and there are others from somewhere else, often from one another countries. If there are those who are willing to, it’s possible to be come from those who at least a few of the likelihood of rape cases and thus leading to more complaints.

What is more, it is completely appropriate that all sexual misconduct, which can possibly be interpreted as a sexual violence. However, we cannot let the fear of a relatively small chance of a false rape claim being mentioned or run away from people who are thinking of the allegations that are related to the rape. It is the campaign focuses on the definition of sexual misconduct, for a society, it uses to stop them in the existence of the home. It is quite believable that there will be a lot more police resources to these cases. However, the majority of the people who call themselves “American” come from somewhere else, and there are others from somewhere else, often from one another countries. If there are those who are willing to, it’s possible to be come from those who at least a few of the likelihood of rape cases and thus leading to more complaints.

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Money talks in America, where everything has a price
Scientists conduct “delayed choice” experiment in space

A photon, or a quantum of light, has been known to be both a wave and a particle like and particle-like properties. It behaves like a spreading bell-like part- icle or like a rippling wave, depending on the way it is studied, but not both at any given moment. This un- certainty, in some sense, is the essence of quantum physics.

Between 1978 and 1994, James Archibald Wheeler — a pioneer in theoretical physics, proposed a series of ex- periments to figure out whether photons “under- stand” their dual nature, and “choose” to change behavior depending on the system it is in.

While Wheeler’s pro- posed experiments have been performed several times, and by many dif- ferent examiners on Earth, this is the first time these experiments have been performed in outer space.

David Brent from Pitt an- d Paolo Villoresi of CMU and Professor Just, “comparing the results of this research help clini- cians in their therapy for those in depres- sion. The study showed that the concept of “death” evoked rela- tively more shame and sadness in the group of participants that had thought about suicide. This reaction can eas- ily be used by psychiatrists to gear their therapy to the specific emo- tional needs of their pa- tients.

However, this does not mean that the tech- nique is perfect. Accord- ing to science magazine WIRED, fMRI scans have certain shortcomings that suggest they may not be perfectly accurate indica- tors of brain activity. Evi- dence of this is the small sample size of 24 participants, the limited window for so many new potential applications in psychology. According to Professor Brent, “the most immediate need is to apply these findings to a much larger sample and then use it to predict future suicide attempts.”

It could give clinicians in the future a way to iden- tify, monitor and perhaps intervene with the altered and often distorted think- ing that so often charac- terizes seriously suicidal individuals.”

The random signal, that controls the polar- ization in the second half of the experiment (after the reflection off the satel- lite) is the “delayed choice” part of the ex- periment. This “delayed choice” refers to the fact that the signal that is being bounced off the satellite has no way of “ Knowing” whether it should be a particle or a wave, and therefore, shouldn’t be able to “choose” to behave in a certain way.

This simply confirms the fact that most behav- iors of objects in the uni- verse is undetermined until forces act on them, to force them to behave in a certain way.

Jean-François Rich, a physicist at the École Normale Supérieure in Paris, who conducted a more stringent version of Wheeler’s experiments in 2007 said in an article in Science, “This area where you mix quantum me- chanics and relativity is still extremely unexplored,...and this is the sort of experiment that brings that area of physics to the forefront.”

The team’s findings were published in Science Advances on Oct. 25.

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SCIENCE BRIEFS

EMMA FLUCKINGER Assistant SciTech Editor

Genes are at least partly responsible for many psychiatric problems like schizophrenia. But if environmental factors contributed to these problems, what role did environmental modification or evolution eliminate them?

The evolution of psychiatric disorders has historically been difficult for researchers to study. While most psychiatric disorders are polygenic (influenced by many genes, not just by a single gene), the exact combinations of genes causing a psychiatric disorder can vary. This variability can be in the hundreds or thousands of genes. To learn more about the disorder’s evolutionary relationship, researchers sequence each of these genome regions to see how they’ve changed over time. This requires access to large amounts of data on the human genome, something hard to come by. According to biology writer Sara Reardon, “But, the advent of massive human genome databases is enabling researchers to look for possible connections between mental illnesses and the environmental and societal conditions that might have driven their emergence and development.”

Biologists around the world are exploring these connections in unique ways. By looking for correlations in huge datasets, Yale geneticist Polimanti’s ‘cold’ gene showed that people tolerate cold were more likely to have speech genes closely related to variants found in the schizophrenia genes. “It’s possible that the speech genes are closely related, it’s possible that the speech genes were present in human evolution, bringing schizophrenia genes along for the ride as a mechanism similar to Polimanti’s ‘cold’ gene hypothesis.”

In another approach, biologists are comparing the genetic processes of modern humans to Neanderthals to learn more about how these genes evolved. Tony Capra and Laura Golobic, scientists at Vanderbilt University, are studying how exactly the same genes are expressed differently in the two species. For example, both modern humans and Neanderthals carry the gene PDSX2, associated with language, but our abilities to language are unique. One hypothesis is that the difference in the way PDSX2 is processed allows modern humans to produce more of the protein encoded by PDSX2. Capra and Golobic’s team hopes that by learning more about Neanderthal brain evolution, they will be able to find out whether they experienced psychiatric syndromes the same way humans do today.

Our understanding of the evolution of mental illness is still developing. However, as more genetic databases become available, exciting research can be expected and expand, and new research can be developed.

The Verge

Recent, scientists discovered a new species of orangutan, now called Pongo tapanuliensis. This species is critically endangered and only 800 individuals exist in the world at the moment.

Source: The Verge

People with diabetes are unable to produce insulin in their own body due to dysfunctional beta islet cells in the pancreas, which naturally produces insulin.

In the October 2017 online version of Nature Chemical Biology, researchers published a study called “Synthetic beta cells for fusion-mediated dynamic insulin secretion,” about cells that symbolically made in the lab that produces insulin similar to how beta cells do. The cells were injected into diabetic mice and the result showed that the cells can regulate blood sugar for up to five days.

Diabetes affects more than 400 million people worldwide. According to the American Diabetes Association, around 30 million people in the United States have diabetes. Currently, people with diabetes have to check their blood sugar levels many times a day and manually inject insulin. Using this study, artificial cells can provide a viable treatment for patients in the future and to scientists interested in replicating this cell. According to Science News, the artificial cells could serve as a tool to study beta cells or other types of cells generated in the lab for the purpose of producing insulin for diabetes treatment—these artificial cells could be mass-produced and have a much longer shelf life than live cells.

SCIENCE BRIEFS

Summer Employment at Carnegie Mellon: Teaching Assistant and Residential Counselor Jobs in the Pennsylvania Governor’s School for the Sciences

Undergraduate summer employment at Carnegie Mellon University is available in the Pennsylvania Governor’s School for the Sciences (PGS). The PGS is a four-week summer program for high-ability high school students. Teaching Assistant/Counselor applications are available in the area of biology, chemistry, computer science, physics and mathematics. In addition, one or two posts may be available in winning teams of Industrial LSir project. Teaching Assistant/Counselor positions include working with faculty on various teaching and research projects. Counselor details of the PGS Counselor include being in the same team as the PGS students, working closely with the PGS辅导员 daily, providing vital help in the academic advising, and arranging and conducting social activities. Co-Directors of Residential Life (R/L) and Back Counselors are responsible for organizing the TAs and counseling and building a collaborative, living and learning environment for the PGS students.

Application Deadline: March 1, 2013

Applications are available at the PGS Office (209-650-9488) or at my Carnegie Mellon (PCMS). Applications may be submitted as a PDF file.

Source: Science Daily

New artificial cells can produce insulin for diabetic people

Scientists attempt to study the role of evolutionary processes in psychiatric disorders

The closest star to our Sun is called Proxima Centauri. Since 2010, researchers have known that Proxima Centauri is orbited by a terrestrial planet, Proxima Centauri b. Recently, astronomers observed in Chile has discovered a planet cloud around a star, opening the possibility of a planetary system.

“The dust around Proxima Centauri is important because, following the discovery of the terrestrial planet Proxima Centauri b, the planet scientists indicated the presence of an elaborate planetary system, and not just a single planet, around the star closest to our Sun,” said lead author Guillermo Anglada.

“This result suggests that Proxima Centauri may have a multiple planet system with a rich history of interactions due to the stars orbiting in the formation of the system. Further study may also provide additional information that will help pin down yet unidentified additional planetary objects.”

They used a large meteorite in place to place the terrestrial planet Proxima Centauri b, primarily a project called the European Southern Observatory, which has support from famous scientists like Stephen Hawking, plans to send probes to Proxima Centauri on t WANT! spacecraft powered by solar sail.

Recently launched, the Tartan have a much longer shelf be mass-produced and engineered to release insulin of real cells genetically engineered to release insulin— or other types of cells genetically engineered to release insulin for diabetes treatment—the artificial cells could be mass-produced and have a much longer shelf life than live cells.

New orangutan species could be extinct soon

Until recently, scientists believed there to be only two species of orangutan—Sumatran and Bornean. However, a new species of orangutan has been discovered, called Pongo tapanuliensis. They were discovered in Batang Toru forest in Sumatra, Indonesia. While the two known species of orangutan are already on the endangered species list, this new species is estimated to only contain 800 individuals.

“Proving Tapanuli orangutans appear to be a distinct species, the initial orangutans that have been recorded from mainland Asia, and thus can, why hasn’t this evolu- tionary line within the genus Pongo,” said study co-author Alexander Nater of the University of Zuerich in a statement to The Verge.

These orangutans are among the best-studied species in the world. The study co-author Erik Mecklenburg of the University of Zuerich told The Verge that this new species is “a real outlier. It’s not an outlier of the other stuff that we are looking at. It’s a completely different, unknown ecological, relationships, critical species that we shouldn’t cross.”

Source: The Verge

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Source: Science News

Correlated by

Rishi Staff Writer

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Source: Science News

Correlated by

Rishi Staff Writer

The content, instructors, and everything else will remain entirely the same.

Several other popular courses in the School of Computer Science are also being renumbered.

15-313 Foundations of Software Engineering
15-413 Software Engineering Practicum
15-437 Web App Development
15-819 Special Topics: Program Analysis
The Tartans had two players with double-digit kills, as Jurges and Mueller each had 12. So-Holloway collected 37 assists and 27 digs while Yew had 48 digs.

On Saturday, the Tartans defeated No. 26 University of Chicago in the third-place match to sweep two. The Tartans finished the weekend 4-1-1 with a victory over No. 16, 25–21, 25–18, 30–28 in five sets.

The Tartans jumped out to a 2-0 lead before the Maroons went on for the nine-point win in the fifth set. At the net, the Tartans, who had 18 blocks, also recorded four block assists as Mueller and So-Holloway each tallied four block assists. So-Holloway collected 37 assists and 27 digs while Yew had 48 digs.

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Case Western's weapons will destroy Tartan hopes

EDGIE HERKES
Special to The Tartan

On Nov. 11 two rivals met on the football field as Case Western Reserve University's football team defeated the Carnegie Mellon University football squads in a 32nd annual Academic Bowl. Though the classic rivalry is important in both teams, the result will have extra implications for the Spartans as they are looking to retain their Mid-Atlantic Intercollegiate NCAA playoffs for the first time since 2012.

CWRU opened the season with eight victories and has dominated opponents this season. The Spartans have scored an average of 28.5 points per game. Meanwhile, CMU will be just the second team the Spartans will play with a winless record this season. CWRU will still come on top and bring the Academic Bowl back to Cleveland af-

After losing the preceding Offspring- of-offspring attack, the CMU defense is not able to stop the Spartans at their peaks.

Rob Cuda

Morton, whose signing af-

The Dodgers had many starting pitchers like Trevor Williams, Steven Brault, Josh Reddick, and Adam Frazier. He's got a solid 6.82 ERA for the past 27 home runs.
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Advice for Awkward People

On failing not making you a failure

Hey Ruth,
So, the inevitable happened. I’m officially pretty sure that I’m going to fail a class, and I have no clue what to do about it. It isn’t one of my core degree classes, but I was planning on using it as one of the electives that I need to graduate and I don’t want to have to re-take it.

Theoretically, I could still do reasonably well — but I’d need to get 100 percent on all the projects and exams left. I’m not even going to pretend that’s possible. If it was I wouldn’t be in this position in the first place!

I’m obviously bummed because this was absolutely nowhere in my plan, but I’m also kind of... ashamed? I was a great student all through high school and I didn’t come to Carnegie Mellon expecting it to be easy, but I still thought I’d be smart enough to pass all my classes. What do I even do about this?

Help,
F*** All, I’m Losing It, Not Good

Dear FAILING,
Since this won’t be published until the drop date, let’s assume that you haven’t and won’t be able to drop the class. Maybe you’re a senior with no options available to you.

I’m also going to presume that you’ve been going to as many lectures and recitations as you can and have been doing all the work. If you haven’t... maybe consider that as a reason for why you aren’t doing that well? If for some reason you are incapable of engaging with the class on the level expected of you, go talk to the Office of Disability Resources as soon as you can. They might not be able to do much for you this late in the semester, but you’ve likely got at least one semester left, so it’d be a good idea to familiarize yourself.

Now that you’ve done all that — go talk to your professor. There is literally no downside. (Well, okay, you’ll have to work up the courage to do so, but I believe in you.) The worst thing that happens is that they can’t change anything and you’re in the same situation as before. The best thing that happens is that they offer you an extra credit assignment to bump you back up into passing territory. You won’t know until you give it a try.

At the same time, you should probably have a chat with your academic advisor so the two of you can talk through your options. As great as my advice is, counseling students through this kind of thing is their actual job, so they’re likely to be much more useful.

If worst comes to worst and you’re still in and failing this class by the last week of classes you should seriously consider withdrawing. I know you don’t want to re-take the class, but if you fail you’re going to have to anyways, and a “W” looks a lot better on a transcript than a straight up fail. There’s a reason the withdraw option exists, and it’s because people use it. Taking a “W” is not a mark of shame.

Speaking of – there’s nothing shameful about not doing well in a class. I know it’s hard to believe, and I’d be lying if I said I was 100 percent okay with failing myself, but it doesn’t make you a disgrace. Sometimes life gets in the way, or you have difficulty following lecture, or you simply don’t get the material. It doesn’t make you any less worthwhile. You’re still a person who contributes to the world. Who cares if you had a rough patch or made a mistake? So has everyone else.

You can do this,
Ruth

Bar Buddies: Fuel and Fuddle

Kicking off the Christmas season

I’ve never been a huge fan of beer, but I’m friends with a lot of people that are. It’s one of those drinks that you sort of have to grow into and understand the nuances of to truly appreciate. I remember going to the Heineken factory in Amsterdam, years ago, but because I was underaged I spent the whole time largely disconnected from what was happening and drinking Coca-Cola. Now that I’m of age, I’m more than open to having a life-changing beer experience, and last Wednesday night came close.

A friend of mine is a huge fan of Great Lakes Brewing Company, a Cleveland-based establishment that releases a delightful Christmas Ale during the Holiday season. Naturally, the day after Halloween was when it was released at Fuel and Fuddle this year, and the lot of us flocked on over for late night ale and warm, half-priced food.

The location: For those who haven’t heard of this glorious establishment, Fuel and Fuddle is located in Oakland, just off of Forbes Ave, and usually has people lined up outside, hungry to go in. It’s a walkable distance from campus and right in the center of what I can only think to call the “Oakland nightlife scene.” Take any of the 61s from campus if you’re feeling a little lazy.

The drinks: Admittedly, this was actually my first time drinking at Fuel, and I pretty much just drank the ale, but I will say that it was more delightful than anticipated. It was a little hoppy, but it also had some essence of the holiday spirit that I’m still having trouble describing. It didn’t taste bad after I’d eaten some food, and it didn’t taste bad when I drank it alone. Maybe it was something about being with friends. Maybe it was the magic of being almost two months before Christmas.

The vibe: Fuel is always lovely. The menu is full of items to satisfy your cravings, from the “Smashed Potato Pizza” to the baked brie. Fuel also boasts a couple screens, so if you’re interested in catching a game, this is a great place to hang out. There’s plenty of room to sit down and the reddish-yellow glow that fills the room brings in a sense of warmth that is even more desirable in the fall and winter time.

Going as a group is ideal because you can maximize the assortment of food and drink you have to sample. I shared food with a friend, clinked glasses, and had more than enough laughs to leave my belly hurting.

Lit or Nah: You can go pretty late, enjoy a drink or food, and get those warm fuzzies that everyone needs every now and then. For these reasons, I’m going to go with Lit. Fuel and Fuddle has become synonymous with “late night” and my go-to response to any “I’m hungry”’s past 11 p.m. I’d recommend trying the ale while they still have it and grabbing some grub with someone you need to catch up with. Trust me, your tummy will thank you.
The last time I remember having real fried chicken was one night back in August when my mom made some for dinner. I’ve always loved my mom’s fried chicken, and what I love most about it is the bread crumb coating on the outside. She seasons the bread crumb mixture to perfection before frying, and the result is a delicious and extra crispy crust on the chicken. I’ve always felt that no other version of fried chicken can compare to my mom’s, so I’ve never even bothered to buy fried chicken during my time in college. It wasn’t until my friend brought me to Chick’n Bubbly that I began to reconsider my decisions.

Chick’n Bubbly is a small eatery in Oakland that is known for its Korean-styled fried chicken and bubble tea. Customers are able to buy a combination of drumsticks and wings in snack, small, medium, and large sizes. All chicken is served with a choice of sauce: sweet and spicy sauce, soy garlic sauce, or spicy soy garlic sauce. What’s more, Chick’n Bubbly even offers gloves for eating their chicken, since it can get messy very easily.

When I went to Chick’n Bubbly for the first time a few days ago, I was surprised to see how small the place was. The small space did seem to create a very comfortably social environment, where even employees were having casual conversations with the customers. I admired the urban setup of the restaurant, along with its social atmosphere, and I knew I wanted to come back another time to hang out with more of my friends.

Both of our orders of chicken came after about fifteen minutes. We got a medium sized box of chicken with half covered in sweet and spicy sauce, and the other half covered in soy garlic sauce. Although the price of the meal was a bit expensive, the food was definitely worth it. Eating did get very messy pretty quickly, but at least the gloves were helpful for keeping my hands clean. The thick coating of the sauces (which got all over my face) added lots of flavor and spice to the whole eating experience: the sweet and spicy sauce provided a good combination of flavoring. The sweet taste did overpower the spice at first, however at the end the spiciness kicked in, leaving a bit of a burning sensation on my lips. The soy garlic sauce was also a little sweet, but the garlic flavor complemented it well. The combination of all these flavors, the texture of the sesame seeds sprinkled on top of the chicken, and the delicious crunchiness of the outer crust made the entire food experience amazing.

The chicken at Chick’n Bubbly is definitely unlike any other version of fried chicken I’ve eaten, although it still doesn’t compare to my mom’s recipe (but it’s close, not going to lie). The food there is fun to eat and surely tasty, just don’t forget to wear the gloves. If you’re thinking about sharing some fried chicken with a couple of friends in the near future, be sure to check out Chick’n Bubbly!
The Queen of Versailles, directed by documentary photographer Lauren Greenfield, was not what I expected. Lauren Greenfield may be more publicly known from her commercial work, the “#LikeAGirl” ads for the feminine hygiene brand Always. Her personal projects include a photo book at an inpatient center for eating disorders, a series on money and youth in L.A., and photo series about girls in culture.

The Queen of Versailles is a documentary about American wealth. It set out to follow the family of David Siegel, the CEO of Westgate Resorts, as they began to build themselves a literal American palace, modeled after Versailles. But their $100 million dream home was not yet finished when the 2008 market crash hit — and the film follows Jackie and David’s Siegel’s life from then on.

The beginning of the movie, where David Siegel holds Miss America parties and flirts with 20-year-old contestants, and Jackie lives the life of a wealthy socialite, sets up an expectation for something much more shallow. Donald Trump, jarringly, pops up several times in relation to the family. Siegel is shown photographed with the Bushes and conservative elites. What I expected was an hour and a half on a family who lived in their shallow, white conservative bubble of outrageous wealth and spending.

What Greenfield crafted, however, was a beautiful and vulnerable parallel of this family’s troubles and relationships with a universal story of financial security in America. Jackie talks also about how she and her husband had eight kids and established a lavish lifestyle because they expected security of income. The slow chaos and decay of families’ expected quality of life work as an observation of our current conception of the American dream.

With interviews of their nannies who struggle to support families on work visas and Jackie’s friends from her small hometown, Greenfield is able to paint a picture of a community of people at different levels of society just trying to make it in the world. David Siegel talks about how the

be able to give your kids a better life than what you have. It’s clear in his apparent inability to be happy with his family, buried in documents trying to find money to save what he built, that the film is about how all of these families struggles so hard to keep that dream alive once the financial crisis hit.

Since the movie’s release in 2012, a lot has changed. Presumably, Greenfield’s references to Donald Trump and his golden tower were not made with prescient knowledge of his presidency, but The Queen of Versailles is an important film to look back on to understand how we have gotten to where we are.

Greenfield, in these complicated vignettes of life, has created a portrait of a family that we can see ourselves in. Siegel’s efforts to focus on their family and relearn the things that matter, even as David Siegel prepares to push towards bankruptcy to save his company and his palace, is what makes this film so engaging and tragic.

I left with great affection for Jackie, a woman who is self-made in her own right — who worked to get a degree in engineering, a modeling career, and freedom from an abusive marriage — who loves her family so much, and despite her cluelessness wants to make something meaningful and better out of her life.

Understanding the powerful and who we are taught to aspire to become — these wealthy elites — is important in also understanding our nation’s frustrations. Moreover, this film gave space to recognize how difficult it was for everyone to recover from the 2008 financial crisis. Perhaps, we have not fully honored the adversity and the resilience that followed how helpless everyone was to bankers, the economy, and stock markets, and that, perhaps, we all have more struggles in common than we think.
This past Friday, crowds filled McConomy Auditorium for the annual AcaPittsburgh benefit concert. The charity event was started in 2008 by Counterpoint, one of Carnegie Mellon University’s all-female a cappella groups, and this year the proceeds from AcaPittsburgh ticket and merchandise sales went to People to People, an organization that helps provide music education to those in developing countries.

With all eight Carnegie Mellon’s a cappella groups in attendance, the auditorium quickly reached maximum capacity as everyone eagerly awaited the start of the concert. Even from the beginning, the crowd was excited for the show, cheering loudly and calling out their friends’ names as Counterpoint took the stage for their first song.

Next, Saans, Carnegie Mellon’s all-female South Asian a cappella group, took the stage. Right from the start, Saans brought high energy and a fantastic fusion of Western and South Asian music styles, opening with Charlie Puth’s “We Don’t Talk Anymore.” Their second performance was Justin Bieber’s “As Long As You Love Me,” which included incredible beatboxing and rapping throughout. After the first two fantastic performances, I didn’t think the group could do any better than it already was, but their arrangement of Sia’s “Cheap Thrills” was definitely thrilling. “Cheap Thrills” and “Kamli,” a Hindi song from the 2013 movie Dhoom 3, blended surprisingly perfectly together, and it was one of my favorite performances of AcaPitt.

After Saans came Soundbytes, and if the crowd wasn’t excited enough before, Soundbytes’ fans deafened with their continuous cheers. These cheers did not go unwarranted. Although I was not familiar with the first two songs they performed, Emily King’s “Down” and Allen Stone’s “Bed I Made,” the group’s sheer talent shined through and I enjoyed every moment of their time on stage. Soundbytes saved the best for last as well, as my favorite of their set had to be their final, masterful performance of Bishop Briggs’ “Like a River.”

The last a cappella group of the first half of the show was The Originals. Performing the second Puth song of the night, the all-male a cappella group captured the audience with “Attention.” After that, they took a risk that paid off with Lorde’s “Sober,” expertly executing the arrangement and making the song their own. The Originals only continued to gain momentum throughout their set, awing me even more with each new performance.
last song, Chance the Rapper’s “Same Drugs,” was an especially soulful and sincere performance that blew me away.

Kicking off the second half of AcaPittsburgh, the Treblemakers started off with a skillful execution of Ella Eyre’s “If I Go.” After, the group performed one of my favorite songs, James Bay’s “Hold Back the River.” I may be biased, but the Treblemakers’ rendition of the song was an incredible arrangement, and the vocals were just as fantastic. The Treblemakers finished with MisterWives’ “Machine,” continuing to exhibit their musical prowess with not only a phenomenal lead, but also formidable backup and vocal percussion performances.

Then C# took the stage with a fun mash-up of Maroon 5’s “Sugar” and Katy Perry’s “Birthday.” Although a bit too bubbly and sweet for my taste, the group was clearly having a good time, bringing great energy to the stage, and also to display their talents in the vocal percussion department. After a performance of “Ri But Luo” by Jolin Tsai, they closed with a great mashup of Ariana Grande songs, including “Dangerous Woman” and “Leave Me Lonely.”

Second to last was Deewane, Carnegie Mellon’s male South Asian a cappella group. Despite only performing two songs, Deewane did not fail to impress with their incredible fusion arrangements of South Asian music, delivering passionate performances of Sam Smith’s “Lay Me Down” and Jon Bellion’s “All Time Low.” They knew how to leave their audience wanting more.

Last, the show returned to its host group, Counterpoint. Their performance of Ariana Grande’s “Side to Side” was well done, but a bit low-energy, with the group doing not much else other than singing and swaying in place for most of the song. However, they cranked up the energy with their final song, “Everytime We Touch” by Cascada. The upbeat nature of the song did the best at showing the group’s talent, especially when the beat dropped and the amazing percussion and beatbox took center stage.

Overall, AcaPittsburgh was a success. The audience reacted positively and excitedly to each performance, and every group displayed incredible talents in the a cappella realm while also remaining true to their unique roots and styles.
In Norse mythology, Ragnarok is a highly important event that essentially results in the end of the world as we know it. There are countless natural disasters, there is a huge battle that results in the death of some beloved Norse gods, and it is ultimately inevitable. However, afterward the world is born anew and recreated.

Marvel Studios’ Thor: Ragnarok, directed by Taika Waititi, is appropriately titled because it does just that on several levels — for the character of Thor, for the Marvel Cinematic Universe (MCU), and for the audience dying of laughter, to name a few. It is probably the most fun I’ve had while watching a Marvel movie, and still surprisingly managed to tell a powerful story about family, identity, and one’s place in the world while remaining a unique entry in the MCU, 17 movies in.

The movie lets the audience know of its expectations and lighthearted demeanor off the bat by opening with Thor, in chains, facing off against the fire demon Surtur in an exchange of witty banter, a first for the initially empty-headed God of Thunder. Letting Surtur, the catalyst of the prophesied Ragnarok, know that he couldn’t care less of his ramblings on his inevitable plans for destroying the world, Thor takes his sweet time to listen to Surtur’s big evil speech as the chains he dangles from cause him to rotate ever so slowly before freeing himself with the help of Mjolnir and kicking the movie off with a bang with an intense and vibrant massacre of Surtur’s minions.

This opening sequence of events is a great summary of how well Waititi revitalizes the Thor franchise. In a film series that is known for being truly tertiary to the larger plans of the MCU, the What We Do In The Shadows director plants down his feet and, ironically, demands the Thor franchise to be taken seriously in its latest installment. Waititi truly makes the film his own through reinventing the series’ genre, not holding back on the humor that he and the actors incorporate, and giving the film a carefree air amid the impending doom of the film. Waititi continues to expand a distinct and colorful style that the MCU has begun to experiment with yet still operates within what he is given to create his own color palette for Thor: Ragnarok, tapping into the beauty of Asgard that was previously poorly showcased in previous Thor installments.

Most notably, Waititi reinvents Thor as a character, with the aid of star Chris Hemsworth in one of his best performances yet. Not only is Thor an entertaining, hilarious character, but in Thor: Ragnarok, Hemsworth helps to flesh out Thor into a three-dimensional character and makes the God of Thunder incredibly
human. Hemsworth gives Thor’s struggles a personal edge through his quest to find his own inner power, his identity, and his place among Earth and Asgard, making his journey refreshing and incredibly satisfying.

Other standout characters include Tom Hiddleston’s Loki, stealing hearts with his tortured bad-boy charm since 2011, and Jeff Goldblum being Jeff Goldblum as the Grandmaster. Additionally, Hela was one of the most entertaining and terrifying villains I had seen in a movie for a long time.

Cate Blanchett incorporated the perfect balance of deadpan humor, pure fear, and raw power into her portrayal as the Goddess of Death, demanding to be noticed and known throughout all of Asgard. Often she’d help to break up huge, tense, dramatic moments with her own humor, which surprisingly suits Blanchett really well. She had no shame or moral boundaries keeping her from slaughtering an entire army of Asgard with a wicked smile on her face, which made me love her even more.

However, everything about Tessa Thompson’s Valkyrie was flawless. Her introduction enraptured audiences immediately and her presence as a mighty warrior and overall bada** was felt in every scene she was in. Like Hemsworth, Thompson did an amazing job of humanizing Valkyrie’s struggles to the audience, fleshing her out through the entire movie and truly making Valkyrie come alive. While Valkyrie was pretty much a god, Thompson made her feel so real and organic, easily making her the breakout star of the movie.

What made Thor: Ragnarok an amazing cinematic experience was busting your guts out with the audience while reveling in the complex and well-executed interconnected nature of the MCU and of Waititi’s direction. Not only does Waititi tie in classic Marvel moments perfectly into this story, he also pays homage to the old and new of the MCU in general. He makes it incredibly accessible for all Marvel fans, and his love of Marvel, his love of filmmaking, and his love for his movie shine as brightly and vividly as Thor: Ragnarok’s color scheme. While the movie is not technically perfect, it is by far the most enjoyable experience in the theater I’ve had this year and one I’d revisit over and over.
Take Ten: Carnegie Mellon Nightscapes

black and white film photos by Neil Khera

Editor’s Note: Take Ten is a series of creative work such as poems, art, photos, or flash fiction submitted by Carnegie Mellon students. To submit, email your work to pillbox@thetartan.org.
puzzles

sudoku

1 6
6 5 8 7
3 9 6 5 1
3 6
7 5
9 7
2 1 7 5 6
9 8 1 2
6 5

sudoku courtesy of www.krazydad.com

maze

Solutions from Oct. 30

crossword

1 8 3 7 9 2 5 4 6
5 4 6 1 8 3 7 9 2
7 9 2 5 4 6 1 8 3
3 1 8 2 6 7 9 5 4
9 7 5 3 1 4 2 6 8
2 6 4 8 5 9 3 1 7
4 3 1 9 2 8 6 7 5
8 5 7 6 3 1 4 2 9
6 2 9 4 7 5 8 3 1

sudoku

maze
Research Risks
by xkcd

Quicksand
by Nick Seluk
Time Offline
by Sarah Andersen

SPENDING A DAY OFFLINE: 2010

Oh...I guess I didn’t check Facebook today.

TODAY

THINGS

Rip

ARE REAL...

sarahsscribbles.com
Cold weather equals death.

Just shiver and pray.

The nights get longer, and your insomnia gets worse.

You ponder the existence of Daylight Savings Time.

As winter looms, your coffee intake increases.

You eagerly await eggnog season.

The lack of leaves on the trees chills your soul.

Your winter coat increases your body width by a factor of two.

ALL. OF. THE. SCARVES.

If your gloves don’t have googly eyes, are you even trying?

Double pants are the only acceptable pants.
Lecture Series: David Lewis — “Communities by Design”
5–6:30 p.m.
Kresge Theater, College of Fine Arts
More info: soa.cmu.edu

The immensely accomplished Carnegie Mellon professor David Lewis will be speaking in the next installment of the School of Architecture’s lecture series. Professor Lewis will be speaking about his vision for the future of urban design education. Be sure to listen in this Monday evening.

Carl Sagan Fest featuring Richard Dawkins
5–6:30 p.m.
McConomy Auditorium
More info: facebook.com

Renowned author and biologist, Richard Dawkins will be on campus this week to speak and to receive the CMU Humanism Initiative’s Carl Sagan Award at the annual Carl Sagan Fest. This event is free and open to all.

50th Anniversary Celebration and Founders Exposition
11:30 a.m.–4 p.m.
Carnegie Mellon University
Register at: cmu.edu/50/anniversary-weekend

Friday kicks off a weekend of celebrating the merger of the Carnegie Institute of Technology and the Mellon Institute of Science with panel discussions, featured speakers, and plenty of activities.

Pitt ASA Presents: Anna Akana
6–8 p.m.
William Pitt Union, Lower Lounge
More info: facebook.com

YouTuber, actress, and comedian Anna Akana is coming to Pittsburgh to share her stories about her life and issues near her heart, such as mental health.

NAT 28 Spotlight Series: The Music of George Crumb
3:30–9:30 p.m.
Kresge Theater, College of Fine Arts
More info: eventbrite.com

NAT 28, a group of artists from around Pittsburgh, are bringing incredible contemporary composers to Carnegie Mellon as a part of their annual Spotlight Series. This year, hear the music of George Crumb in this two-concert event.

1655 Shady Avenue, First Floor
Apartment: 3 BR, 2 Full Bath, LR/DR, Office, & Enclosed Porch.

Lovely, bright apartment steps from the Squirrel Hill shopping district, & an easy bus or bike ride to CMU. Monthly rent is $1,750, with about $100 for utilities. Laundry and parking available.

Call Larry Newman @ 412-421-3720 or lsnsss@verizon.net for a tour!
Created in honor of architect, Carnegie Mellon alumna, and faculty member Jill Watson, who died in the TWA Flight 800 plane crash, the wats:ON? Festival Across the Arts is a biannual festival hosted by the School of Architecture. Faculty and students collaborate with famous artists, honoring the interdisciplinary nature that Watson loved. This year’s theme is “SHIFT,” curated by Spike Wolff and Eddy Man Kim, which “challenges realms of phenomenal perception.” The festival featured an art installation, “Transitional Spaces,” created by Hadi Tabatabai, which is located in the College of Fine Arts Great Hall.