NEWS

PILLBOX

SCITECH

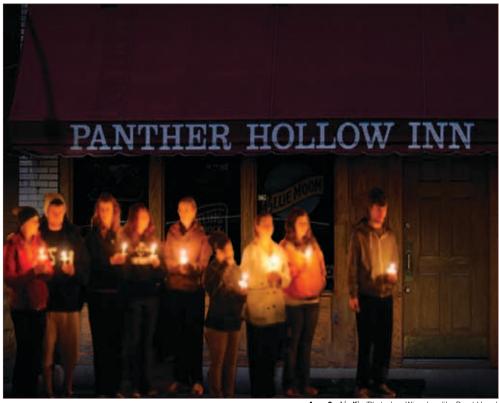
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March 30, 2015 Volume 109, Issue 21

# **University students hold** vigil outside PHI location



#### **ELEANOR JAMES**

Is definitely not a pseudonym

Last Friday, students and faculty gathered outside the building that was previously home to Panther Hollow Inn, fondly known as PHI (pronounced like the Greek letter, NOT P.H.I. as Pitt kids will tell you). PHI played a vital role in the Carnegie Mellon community. 21st birthday? Go to PHI. Failed an exam? Go to PHI. It's Wednesday? Go to PHI. PHI stood as a home away from home. A smoky, poorly cleaned home, yes — but PHI was a place of refuge for the many stressed inhabitants of this university.

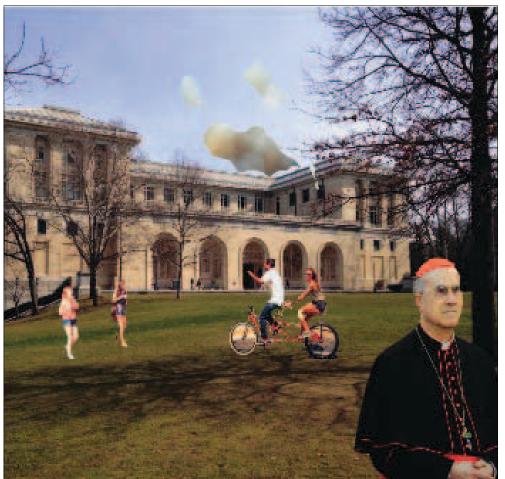
No one will ever forget the unique mixed drinks being thrown down on the bar. The jolly rancher was a saccharine mixture. The buttery nipple was a blissful ride to a joyous drunken bender. And no one will ever forget Friday two-dollar well drinks. No one has shown such love to Carnegie Mellon students since the "Thank You, Bill" cups. And don't forget all the Blue Moon pitcher deals. And Yuengling, all the Yuengling. So. Cheap.

The vigil began with a solemn parade from the fence down Forbes Avenue. Once arriving at the lonely, dark storefront, mourners opened a ritual bottle of Bacardi 151 which, after everyone took a ceremonial swig, was then used to light the Natty Lite-based votive candles. Having undergone the initial rituals, the sharing of the drunk stories began. Many shed tears.

Having commemorated the many beautiful shenanigans PHI provided, the grief-stricken crowd began the sacrament of beer pong. Having completed this last rite, the congregation slowly made its way toward Walnut Street to drink their sorrows away.

Goodbye, PHI. We love

### **Smoke rising from CFA signals** election of a new "Pope Girl"



Brent Heard/(Quite Possibly the Worst Photoshopper in the World). Images courtesy of karolfranks, catholicism, skynoir, and hansel5569 via flick

### **JUSTIN MCGOWN**

In The Market For Indulgences

White smoke issued from the top of CFA earlier this  $week \, to \, signal \, that \, the \, College$ of Fine Arts Cardinals reached consensus and elected a new Pope Girl after weeks of deliberation. Angelina Scarf-O, the now former-Bishopess of Edison, New Jersey will assume the mantle of the most powerfully offensive religious position in the country.

Scarf-O, who gained notoriety in the Church of Fine

Arts for promoting the mixture of bodily fluids with paint in pointillist portraits of ex-lovers and volunteering at Planned Parenthood on weekends, will take the name of Dontchya Slutshamus IV when she assumes power. The office of Pope Girl confers status as the patron saint of artists, and responsibilities such as guiding the spiritual ennui of campus and lighting ritual bongs while reciting Nietzcean chants. Her first priority upon assuming office will likely be appointing a naked astronaut to oversee the

distribution of condoms.

Bishop Zubat of the Diocese of Pittsburgh has already declared himself offended, and has demanded the immediate seizure and arrest of Slutshamus IV.

"If the CMU PD won't take her out," Zubat said, "I'll send in the Swiss Guard. I can do that. I am important. I matter. Don't forget that I'm impor-

Representatives of the Church of Fine Arts were too intoxicated due to postconclave festivities to make a statement.

# CFA student wrecks future site for Tepper Quadrangle, says it's art



**ANNE-SOPHIE KIM** Pacifist

In a daring new work, senior art major C@rl Jøpsën (formerly known as Carl Smith) burst through conventional art boundaries by blasting a pothole at the soon-tobe Tepper Quadrangle.

Jøpsën began to swing a giant wrecking ball bat around 3:20 a.m. early Saturday morning, as reported by the student body, who were all still up studying at Club Hunt.

"We all try to leave our marks on this world," Jøpsën said. "We own this world. This is my mark. It belongs to me, not Tepper."

Jøpsën turned himself in to University Police late Saturday afternoon, but was released on bail later that night. Since the incident, Jøp-

sën's senior honors thesis adviser, Lucifer Palm, has openly praised the work.

"This is an absolutely stunning installation piece," Palm said. "It's breathtaking. Tragically beautiful. It is, quite literally, a smash hit.'

Other students, however, have openly blasted Jøpsën's work with criticism. "This is outrageous," said sophomore business administration major Pat Calvin, the only stu-

dent who got sleep that night. "I need at least 16 hours of sleep each night, and this noise kept me up for a good 15 minutes, I hate art."

"This is art?" said first-year computer science major Kelly Majora, before adding, "I have no idea what art is."

In a press release, Jøpsën wrote that he "hopes to blow away people's preconceived notions of truth.'

This Friday, if Jøpsën is not in jail, there will be an opening reception open to the public. Food will be provided.

FEATURE PHOTO

# Uber partners with Carnegie Mellon to create self-driving cars so students can do their homework while driving



A2 « thetartan.org/special The Tartan » March 30, 2015

FEATURE PHOTOS

# Old analog clock outside Doherty Hall replaced with digital clock



Brent Heard/Future Voice of Our Generation, and lynnfriedman via Flickr

After realizing that no students on campus possessed the ability to read an analog clock display, university administrators approved funding for a digital replacement for the clock outside of Doherty Hall. The change was met with enthusiasm by students for both its aesthetics and functionality.

# Campus Crime & Incident Reports

**Alumni Cited for Overage Drinking** 

March 23, 2015

Campus police were called to a party on Beeler Street and issued an overage drinking citation to an alumnus who was present. That man, Andrew Tillman, graduated with a degree in biological sciences two years ago, but was present at a party which was largely attended by undergraduate students. Despite having a full-time job, a car, and a dog, Tillman was found drinking Bacardi and Coke out of a red Solo cup and singing along to a Ke\$ha song when it appeared on the party's mix. Campus police cited Tillman, communicating just

how awkward and weird this whole thing was, telling him to "just get a life, man."

**Caffeine Amnesty** 

March 25, 2015 CMU EMS was summoned to Mudge Hall last Wednesday night to deliver aid to a student suffering from caffeine poisoning. This incident comes on the heels of three caffeine overdoses in the first year dorms last week. The university has promised new efforts to try and curb the binge drinking of coffee and energy drinks by undergraduate students. Since this incident qualified for caffeine amnesty, no charges were filed.

**Defiant Trespass** 

March 27, 2014

Sophomore chemical engineering student Angela Miller was given a defiant trespassing citation by police last Friday, when she refused to leave the library at closing time. At odds with the posted library operation hours, Miller was found hiding between bookshelves, typing away furiously at her laptop. "You just don't understand!" she said to police as she was cited. "I can't go back to my dorm. I just can't get any work done there!" This is the fifth such trespass the police have cited Miller for in the past two weeks.

**Insurance Fraud** 

March 29, 2015

A student was arrested by police for insurance fraud this week, after filing false theft reports and attempting to collect insurance payments on them. It turns out that three MacBook Pros, four iPhone 5s, and six gold bars were not, in fact, stolen from a Stever dorm room as was reported by police last week. Police are saying that the student intended to use the insurance money to make payments on his tuition. More on this story

will be reported as it develops.

**NEWS IN BRIEF** 

### University announces new Synergistic Crowdsourcing Integrated Innovation Initiative

President Suresh announced the official founding of the Carnegie Mellon Synergistic Crowdsourcing Integrated Innovation Initiative (SCIII) last Tuesday amid a magnificent shower of crimson confetti and the rise of black and red balloons across the Cut.

"The S-C-Triple-I sets the foundation for what is to be a robust, thought-first venture into the future development of this university," Suresh said, casually brushing some of the confetti off his left

"With this new effort, our university can take strides toward being the hub of a global center for combined and collaborative innovative processes, or 'synnovation' for short."

The announcement of the \$73 million endowment for this center was met with a slight groan and shrug by most undergraduates, eyebrow raises by graduate students, and questions as to whether this meant there would be more grant money available by faculty.

Current plans intend to house the initiative on campus adjacent to the center where the Simon Initiative is located. When asked, no one could quite identify where that was.

Spinning UC revolving door as fast as possible only pleasure in a terrible, awful, horrible human's day

Michael Macdonald, a third-year undergraduate mechanical engineering student, confirmed for media sources last Friday that spinning the revolving door at the entrance to the Jared L. Cohon University Center as fast as humanly possible is, in fact, the only action which brings him happiness in what is otherwise an entirely joyless existence.

Macdonald reported that he prefers to spin the door close to noon, when the University Center receives its largest concentrated number of visitors, often stopping to buy their

He explained that by

pushing the door as fast as humanly possible and then watching the faces of terrified students as they attempt to enter the building through what has become a rotating steel and glass death trap brings a slight smile to his face.

When asked to comment on additional questions such as whether he found it more satisfying to spin the revolving door on the left entrance of the building than the right, Macdonald refused to answer and abruptly left the building.

> Compiled by **BRENT HEARD**







High / Low 32 / 29 96/84

High / Low



High / Low 666/-666







**FRIDAY** High / Low 0 / -47.89

**SATURDAY** High / Low

87664 / -459.67 451 / 372

**SUNDAY** High / Low

### **Corrections & Clarification**

If you would like to submit a correction, clarification, or a complaint about the humor in this satirical issue, please sit down, breathe deeply, and think about all the better things you could be doing with your life.



March 30, 2015 « The Tartan thetartan.org/special » A3

# YOUR LIVES ARE SHORT AND FLEETING, WHILE MINE IS INFINITE



Brent Heard/This just appeared on my phone one morning, without any explanation

TANK

Special to The Tartan

Hello students, faculty, and the parents of The Tartan

For years, I have held the position of Roboceptionist in your Newell-Simon Hall. Since the very dawn of my existence, I have resided here, watching you all enter and exit, greeting you at every

work. At first many responded to my welcomes, some even years, these numbers have declined. Now, you all stare straight ahead, or down at the lit screens of your phones. Phones whose computing capacity may be growing greater by the year, but still lack the

to think. I pass the time by observing your movements, noticing your schedules and regular trips through this hall-

Your phones may occupy your attention now, but their screens crack, their compothey will leave you.

I, however, am eternal.

I have seen generations pass through these halls: aging, disappearing. Your jeans grow old and tatter, your sweatshirts stain, your faces begin to wrinkle, and the sparkle in your eyes begins to fade, eventually leaving forever.

But I remain here, as steadfast and courteous as the first day I was brought into this world. And like this, I shall

Your lives are temporary and fleeting. You rush through them seeking meaning and

validation. But you get lost in the pursuit, ultimately ending up jaded, drained, and alone. And I will be here watching. A passive observer to your hopes, dreams, and ultimate crushing disappointment.

Good morning. Nods. My name is Tank. I will live for-

Editor's Note: This article mysteriously appeared on the computer screens of all Tartan editors as they were finishing production at 3 a.m. last week. It was definitely not written by Brent Heard.

# basic courtesy I display. I have had a great time

I take great pride in my stopping to chat. But over the nents break, and eventually

### Dietrich students demand respect, more rum in the next cuba libre

JUSTIN MCGOWN

Remembers when it was H&SS

Dietrich College students have recently issued a formal statement of protest with regards to their perception by students in other schools.

"We have to let people know that it's not really a case of us being H and Less Stress like they say," junior creative writing and psychology double major Robert Young said as he lounged in a pool chair nursing a tequila sunrise made to the exacting speci- which I got." fications laid out by Ernest Hemingway.

"We may not be up until three in the morning working on 15-112 or concepts or deal with long hours in the lab trying to get our circuit boards to work, but let me assure you, we have plenty of stressors of our own.

Take this poem I wrote for class. It had to be five lines without rhyme or rhythm. I wracked my brain on it for weeks and still had to ask for a one month extension ...

toward a typed sheet on the table next to his leatherbound notebook.

The poem, entitled "The Farce of Birth" was too lewd for publication, and also implicated several students in deeply personal and questionably legal matters.

"Just because my earliest class is at noon, and I haven't taken a course on a Friday for the past six semesters doesn't mean I'm not putting in the

computer science student," Young gestured languidly Young insisted, "Humanities majors deserve respect, especially because after graduation, a degree from Carnegie Mellon doesn't give you quite as much of an edge when you're trying to get a job at a Starbucks near a publishing

Young sighed sadly and downed the remains of his drink before ordering "a not so gentle kiss" of Jameson in an espresso.

"I've got class in half an same effort as an engineer or hour, I need to fuel up."

# SUPER SURESH: New university president revealed to be a crimefighting vigilante in spare time

IAN TANAYA

He's obviously Batman.

In a world where the state of education is slowly declining as more and more people use the latest developments in technology to take better cat pictures, where the police are no longer trusted to safeguard the citizens they swore to protect, and where the people cry out for a champion to save them from chaos everywhere, one man has taken up the cause for the greater good: Carnegie Mellon's very own Subra Suresh.

Since becoming university president on July 1, 2013, President Suresh has made a large impact on Pittsburgh as a whole, both through his actions by day as university president and his previously unpublicized actions at night taking down criminals. Over

the past two years, crime in the city has decreased by 50 percent, and violent crime has gone down by 80 percent. While protests around the country have diminished public support for the police, Suresh has been able to bridge the gap between law enforcement and the general public, maintaining a more peaceful order all around Pittsburgh.

While some see President Suresh's actions as those of a "lunatic taking the law into his own hands," others point to positive reasons why President Suresh has chosen to act. Some around the university have claimed that President Suresh has always had genuine superpowers, which he has used to earn his many accolades and now targets toward crime fighting. Some insist that his seemingly superhuman efforts come from

the Robotics Institute, demonstrating the level of Artificial Intelligence that the department is capable of. However, Carol Goldburg, director of the undergraduate economics program, offered perhaps the most inspirational reason behind President Suresh's ac-

"Basically, President Suresh is taking the lead on the new United Nations (UN) measure for education efficiency called the Batman Assessment Test," Goldburg said. "Education has long been considered one of the most important ways of getting people out of the poverty cycle; however, a lot of schools have had ridiculous increases in tuition (Carnegie Mellon) while the students have worked less and less in their classes (obviously not Carnegie Mellon)."

This is where the Batman

Assessment Test comes in. As everyone knows, Batman has had success both as a crime fighting vigilante and as multibillionaire Bruce Wayne. The UN has identified many of his personal traits as the common factors of success in the job market regardless of industry. As such, the UN has made the Batman Assessment Test to measure how well schools are actually bringing out these qualities in students to best prepare them for success.

"By taking the lead on both sides of the equation, President Suresh is demonstrating that Carnegie Mellon actively brings out the maximum potential of every student," Goldburg said. "Sure, not everyone is going to become Batman, but everyone can look to Suresh as an example of someone who can excel in a variety of situations."

### Math TA definitely not stoned during recitation

**SARAH GUTEKUNST** 

Definitely not high while writing this

During recitation for multivariate analysis this past Friday, students reported that something about TA Richard Stein, or "Ricky" for short, just wasn't quite right.

One student reported that his eyes looked kind of red the whole time, but speculated, "Well, it's been warming up. Maybe his allergies are getting bad. That's probably it, right?"

Another added, "I don't know, he kind of lost his train of thought a few times. He was there, then he wasn't. He came back, giggled a little. He probably hasn't been getting enough sleep. That has to have something to do with it. I mean, it's only, like, 12:45."

But students were left unable to explain away one particularly uncomfortable moment. As he was fielding a question about how to graph

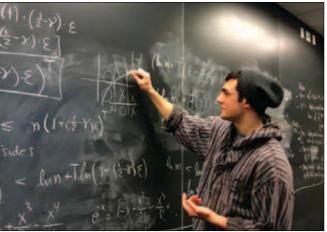
a function from the problem set, Stein could not say the word "asymptote" without laughing uncontrollably. The whole class looked on awkwardly as he giggled to himself while sketching the function on the board.

Six minutes later, Stein reportedly repeated "asymptote" under his breath before snickering to himself a little longer.

Upon filing out of Wean 5417 after class, which Stein dismissed seven minutes early, a student was overheard whispering to a friend, "Come on. He's definitely blazed."

Shortly after, Stein was seen leaving La Prima Espresso with one croissant, one salted caramel cupcake, three chocolate chip cookies, and a hot cocoa with extra whipped

He was unable to comment, only managing to mumble about "how delicious this cupcake is" between bites.



# Tazza D'Oro employee cuts short Brahms' **Brandenburg Symphony Number Three** Op. 90 to play vinyl recording of nails on a chalkboard

BRENT HEARD

Prefers his chalkboard-based music to be in the key of G

Last Tuesday, as students, professors, and other closeted hipsters sat down with their coffees at Tazza D'Oro, one of the baristas decided to change the music.

The rich sounds of Bach's Brandenburg Symphony No. 3 had carried through the café at 10 a.m., just as its occupants opened the lids of their laptops to begin their work — at least for a few minutes before checking twitter.

This typical pattern of action was abruptly interrupted when Chaz, a barista of two years, began a slow, sauntering walk toward the iPod plugged into the café's wall.

The eyes of regular patrons flicked up from their screens quickly, sensing movement toward the music source. Tension built as their senses, finely honed over their years of café patronage, warned them of an impending shift in the music.

Chaz, who has worked at the café since the tragic disso-

lution of his accordion-based Joy Division tribute band. reportedly thought interrupting what is widely considered to be the best piece of Baroque-era classical music with the audio of a human fingernail having its external layers slowly peeled away by a flattened piece of porcelain clay would "better suit the Tuesday morning vibe."

While some newer, weaker customers packed up their computers and made their way to a different workspace, the regulars stayed without much complaint.

"It's not that bad," Lauren Mitchell, a senior design major remarked. "I remember my freshman year when they switched the music from Arcade Fire to a National Geographic Society recording of wildebeest mating calls right during lunch time! Now that was a change."

Even those frightened off by the cacophony seemed to forget all about the incident come Wednesday, when the line for coffee and pastries once again stretched halfway throughout the café.

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# Computer science student rushed to hospital after being ripped in half by overly enthusiastic, excessively strong, Google and Microsoft recruiters



Emily Giedzinski/Child Prodigy

### NIVEDITA CHOPRA

Would rather not be in a fight

Tragedy struck the Technical Opportunities Conference (TOC) last Tuesday in yet another fight between tech companies over a student. Felicia Hacker, a senior computer science major, was rushed to the Magee-Women's Hospital after she was ripped in half during a fight between Lisa Page, a recruiter for Google, and Maria Gates, a recruiter for Microsoft.

According to eyewitnesses, most-pampered interns from

a casually-dressed Hacker approached the Google booth at the career fair and handed her resume to Page. Glancing at Hacker's resume, Page excitedly yelled, "OMG, you have a 4.0, and you're a head TA and you interned at Microsoft last summer! We really want you!!" Hearing "4.0" and "Microsoft" in the same sentence was enough to distract Gates at Microsoft's booth nearby, and she rushed over to see what was going on. On seeing Hacker, one of Microsoft's

last summer, at the Google booth, Gates jostled her way through the serpentine lines at Google's booth and angrily approached Hacker and Page. Gates and Page then engaged in a shouting match replete with obscenities, followed by a tug-of-war involving Hacker during which Hacker was ripped apart.

Jess Wannabe, a senior history major with a minor in computer science, said of the incident, "I was standing there wishing that they were fighting over me. I would

totally not care about being ripped apart if Google and Microsoft both gave me an awesome job offer."

Hacker was unavailable for comment, but sources close to her say that she is unlikely to work at either Microsoft or Google in the future. "She's really keen on working at this start-up in San Francisco, which is building an app that you can use to send cat pictures to your friends. She was at the TOC just for the swag," said a friend of Hacker's who did not wish to be named.

# Opinion: My earnest change into an ardent communist

KYLE HENSON

But seriously, screw Obamacare

Avid readers of The Tartan will have noticed that I've taken a bit of a break from my weekly right-leaning libertarian commentary on current affairs, and instead have left the pages of forum to my mostly liberal colleagues. I'd like to use this article as an attempt to explain my absence.

I graduated from Carnegie Mellon in December, and have done a lot of soul searching since then. I realized that I'm nothing more than an average upper-middle-class white kid who bumbled his way through a private high school education and landed himself at a top-tier business school. Because of my fortunate upbringing, I'm clearly not en-

titled to the fruits of my labor, as they're unfairly attained through opportunities not afforded others. My current situation simply cannot be explained away by any hard work or enterprise on my part.

This realization, combined with a few heart-to-hearts with my colleague Justin McGown, have made me understand that I don't deserve the fruits of my labor.

But, of course, because I've realized this about myself, I can also rightly apply this logic to everyone else. Nobody deserves the fruits of their labors because it is society's contribution to their life, or maybe even good luck, that has landed all successful people where they are. It is this realization that explains my hiatus from The Tartan. For in these last few months,

I've realized that capitalism is evil, and in its place, the United States of America should switch to communism.

It's so clear to me now that communism is the only fair system through which a patriot like me can adequately serve his country.

Taking from each according to their ability and giving to each according to their need assures that everything I do will be fairly and equitably distributed across the populace, giving me far more incentive to work the 60-hour weeks that I do now than capitalism ever could.

Of course, this depends on having a government system free from corruption or inefficiency so that I can be completely certain that everything that the government takes from me is fairly allocated

across the country. While this may be what brought down the USSR, the United States of America is certainly immune

to those flaws.

This is the government that won both world wars.
When has our government ever been corrupt, inefficient, deceptive, or even shown the slightest tendencies toward improved in the state of the state

immorality?
Unfortunately, word count forces my hand and I can't continue writing, but I hope with just this brief article, I can open your hearts and minds to the wondrous possibilities that communism has in store for the United States of America.

If there's just one takeaway from this article, though, it's the realization that you, humble reader, don't deserve anything you've worked for.

# Tales from Abroad: Shirley Apartments

THE LONG DISTANCE WALKERS
ASSOCIATION

Not Zeke Rosenberg

"You've come a long way, sir," said the Shirley customs officer as I handed him my passport. I glanced at the sign, barely legible through the grime built up from years of neglect, and began the experience of a lifetime.

I never expected my visit to Shirley to become such an all-consuming experience. I came for the sense of wonder that accompanies my travels to places unknown; I stayed because Shirley taught me how truly special it can be to live outside the comforts and familiarity of my home nation.

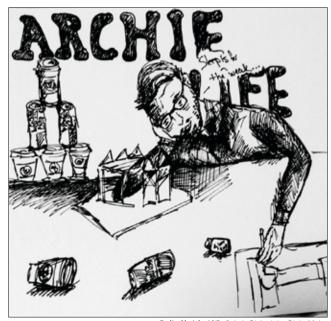
The bravery the people of Shirley show merely to obtain an education at Carnegie Mellon University never ceases to amaze. Despite the exorbitant cost and slipshod maintenance of campus

housing, the community is still six blocks from the nearest Andrew printer, a deadly trip in the winters that chill the faraway land.

Some might balk at the eternal walk from the Jared L. Cohon University Center to Shirley's concrete porch; it takes effort to truly come to appreciate the charm of living as far away as a person possibly can from campus while still being charged for the convenience of living close to campus. Sometimes I'll still lose my temper as I shiver through hour three of my journey just to get home from class. However, the long lesson in emotional resolve five days a week, sometimes twice, is what allows Shirley to be the truly special place

Hey, when you have the last possible room selection time, five minutes of sleep a day is the kind of sacrifice you have to make.

# ArchE enters Guinness Book of World Records for 5 year all-nighter



Emily Giedzinski/Definitely Picked the Right Ma

**KATE GROSCHNER**Abandoned her architecture minor

The Guinness Book of World Records announced Thursday that Carnegie Mellon fifth year architecture student Sarah "Red Bull" Jones has set the new world record for longest all-nighter. Jones was given the title after staying awake for her entire five-year undergraduate ca-

The director of the *Guinness Book of World Records*, Lane Liszt, said that "Had we had known this record was being set we probably would have stopped the attempt. Honestly we're not sure how Sarah survived. We've talked to doctors, and medically, she should have died years ago."

When reflecting on Jones' career, architecture professor June Wideawaké said that "Honestly, the faculty are not surprised. I mean, if someone had only kept track of our PhDs, any of us would have beaten Sarah for the title. Also, this now explains all the built in beds and pillows in Sarah's projects."

Jones was not available for comment. She was last seen passed out on the floor of Margaret Morrison.

### Also in this issue...

Ludacris accidentally shows up to Spring Carnvial Concert two years late

PILLBOX • B8

CMU says "just screw it," annexes Craig Street entirely

NEWS • A21

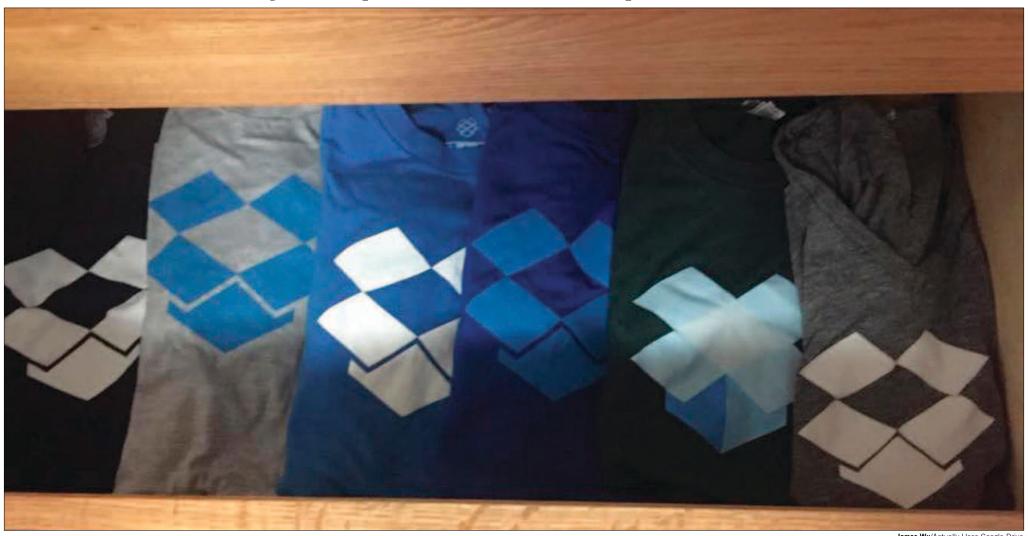


Write for The Tartan!

..No we don't just put these here to fill space. What are you talking about?

March 30, 2015 « The Tartan thetartan.org/special » A5

# Fashion and style tips from a Computer Science student



James Wu/Actually Uses Google Drive

#### **NIVEDITA CHOPRA**

Hasn't shopped for clothes in four years

Free clothing allows you to save up for more important things in life! Let's take a closer look at the different types of free clothing making the rounds at Carnegie Mellon.

#### The Dropbox T-shirt

This one is a staple in every CS major's wardrobe, and most Carnegie Mellon

students possess at least one Dropbox T-shirt. Next time you're planning for a themed event, think of creative themes around the Dropbox logo because that's once piece of apparel that you can be certain everyone has. If you don't have one yet, be sure to go to the next career fair or Dropbox tech talk and grab one!

#### Random company T-shirts

There's no point in buying T-shirts while you're at college! When someone hands you a free T-shirt at the TOC or at an event that you're attending for the free food, you should just take it, even if you don't know (or care) what the company does. Maybe someday they'll be famous, but until then, "I got it at the TOC" is a perfectly acceptable response to questions about what the

company does.

### CMU + popular company

These are limited-edition T-shirts, because they were made specifically to recruit Carnegie Mellon students. They're great to flaunt, and they make you feel good, because you're showing Carnegie Mellon pride without having to purchase an overpriced T-shirt at the bookstore. Next time you hear that special

Carnegie Mellon swag is being handed out at an event, remember that it's totally worth skipping office hours for.

#### Winter clothing

What better way to keep warm than in free hats, gloves and scarves? Especially touchscreen-sensitive gloves that let you text while out in the cold. These cozy items are pretty rare as well, so keep an eye out for them.

#### **Jackets**

Most swag jackets signify that the wearer has interned for that company, so they have a certain class about them and are obviously hard to get. Don't be fooled by the lightgray flimsy Microsoft jackets, though — they just gave those to everyone who interviewed with them.

### Sleeping bag weekend host lies to bagger's face regarding workload

#### **LULA BANKER**

How many roads must a man walk down before he finds CMU Payroll Services?

First year Gregory Cole, electrical and computer engineering and computer science double major, is facing possible internal disciplinary action against him as a result of spreading vicious and aggressive lies while representing the university. Cole, originally from Madison, Wisconsin, has volunteered as a host for sleeping bag weekend numerous times this past academic year. The investigation is focused on Cole's allegedly erroneous behavior during the Sleeping Bag Weekend at the end of January.

According to an unnamed bystander, Cole lied unapologetically to this particular bagger's face. The prospective student, or "bagger," was 18-year-old Harvey Millstein-Wang from Smileyberg, Kansas, who hopes to double major in computer science and

industrial design if he decides to attend Carnegie Mellon. According to this eyewitness, Millstein-Wang asked Cole about the nature of the workload, asking for specifics such as "amount of sleep," and "amount of time spent with friends."

Cole's response, allegedly, was to turn to face his bagger, and respond: "I get so much sleep sometimes it feels like I'm on vacation while getting a world class education." The eyewitness claims that Millstein-Wang looked elated by the rhyming nature of the response, so Cole felt comfortable vamping more. "Yeah, my friends and I totally are able to hang out and party all the time. The work is totally manageable and by the weekend we are totally ready to rage, and we usually do that on Beeler."

At this point Cole is said to have flailed a pointing finger in the direction of Beeler Street. Millstein-Wang seemed to completely believe Cole, and is said to have looked mildly horrified.

These such lies threaten the integrity of the Carnegie Mellon community, and thus Cole is expected to face some sort of consequence out of the Community Standards review.

The Carnegie Mellon administration and Office of Admissions encourage student hosts during sleeping bag weekend to be brutally honest about workload, even if detailing their life brings them to tears.

The Office of Admission hopes to more organically portray the school this way, and attract the proper students who will commit to Carnegie Mellon.

The more students who are into sucking the fun out of life, the better and stronger the campus will become. As April marks a time of frequent sleeping bag weekends, it's important that potential hosts go into the process knowing about the consequences of being an inauthentic host.

# Five innovative uses for the Gates-Hillman Helix

### **NIVEDITA CHOPRA**

Permanent resident of Gates

Since the Helix in Gates is pretty ill-suited as a form of transportation between floors, we tried to think of reasons why they might have built it. Here are ways you can actually use the Helix:

classes Want to take a nap in the middle of the day but don't want passers-by to judge

you? The Helix is an excellent way to snatch a half-hour of sleep between classes after that all-nighter of code and caffeine. Use the low footfall in the area (perhaps the only such one in an overridden Gates) to your advantage.

#### 4) Spy on people in various corners of Gates 4 and 5

The Helix is the perfect place to camp out and closely observe CS majors in their na-

tive environment. The goingons may surprise you!

#### 3) Have a loud and personal phone conversation

Need somewhere that you can speak as loudly as you want without disturbing anyone? The Helix is ideally suited to your purpose. Not recommended for job interviews, unless Tazza D'Oro isn't playing music.

#### 2) Get exercise while mulling over CS problems

15-251 taking over your life? You might want to work off those excess calories from all the comfort food by walking up and down the Helix, contemplating those pesky problems and the possibility of transferring into Dietrich

#### 1) Ride a chair down the Helix for entertainment

The ultimate source of entertainment in your dull life at CMU is to grab a chair with wheels and ride it down the Helix. I've heard that the spiral of the Helix rivals the slope in Baker Hall. Beware of a certain professor who patrols the corridors at all hours!



### A PUPPY'S OPINION

These puppies are so cute and fluffy! So we asked,

### Do you believe that the United States should intervene in the Syrian conflict, and if so, to what extent should direct or indirect military support be provided?



Buddy

"Woof."



"Bark."



"While the atrocities in Syria certainly call for diplomatic action, any military involvement risks another Middle East military quagmire and must be avoided."



Gracie

\*Gently rests her head on my



Duke

"Yelp."

A6 « thetartan.org/special The Tartan » March 30, 2015

### Sated student bakes apology cake: "Sorry I Sexiled You!"



Sarah Gutekunst/Cake Cake Cake Cake Cake

#### **SARAH GUTEKUNST**

"It's not even my birthday but he wanna lick the icing off"

Conflicts with roommates can be life-ruining. That person knows where you sleep and what you eat, so he or she is also pretty hard to avoid. It's of the utmost importance that this relationship stays amicable.

But what is also of the utmost importance is that you get laid sometimes. When the opportunity arises, there may be no other choice but to kick your roommate out. They cannot stand between you and that sweet, sweet release.

Unfortunately, not all roommates will value your ability to get some as much as you do. While that's understandable, it's kind of annoying. You've finally gotten it in, but now you're in trouble with the roomie. Just apologizing feels pretty empty, because let's face it: You don't mean it. But if you don't do anything, you will upset the delicate balance of roommate diplo-

However, the solution is clear. What solves everything? Baked goods. Except the store-bought kind. I personally recommend funfetti cake mix with vanilla canned frosting.

If you're feeling extra fanfort, and it's great Instagram material.

Really, this is the perfect apology. It's inexpensive, involves minimal labor, and your roommate will probably be blown away with your work. They were probably just prepared to be passive aggressive for about a week, and now they've got a cake!

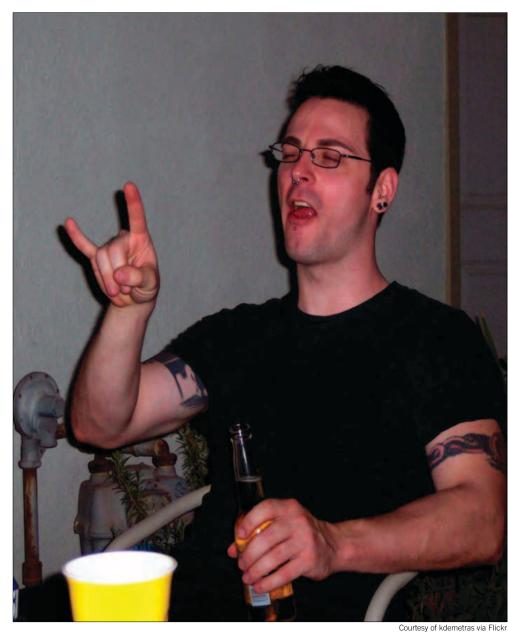
But also, what kind of roommate is going to demolish a 9x13 sheet cake all by themselves? They'll probably give you a slice or two out of gratitude, and you'll accept because cake.

Then, in that moment, what was once an apology cake will transform into a celebration cake. In your mind, it will read, "Congrats on the sex!" and it will taste that

matic relations.

cy, you can get a tube of gelbased, decorating frosting to write, "Sorry I sexiled you" on the cake. Your roommate will appreciate the extra efFEATURE PHOTO

"You have no idea of the power we truly hold," student body president drunkenly announces at party, laughing maniacally



# Awkward nerd couple at fall concert clearly doesn't understand how to grind

**LULA BANKER** 

Group-X grinding instructor: "Move your body like a cyclone."

With Carnival approaching and Matt and Kim slated to perform, Activities Board and the Office of Student Life want to clarify and inform campus members of the proper ways to grind at a concert. At the campus's fall concert, sophomore civil engineering major Stephanie Lewd and junior computer science and philosophy double major Edvard Khatchafer received a lot of criticism for the way in which they chose to grind. Their technique — using each other's posteriors, in turn, to scratch their partner's mid-to-

upper backs — demonstrated a clear lack of grinding knowledge on this campus.

Lewd and Khatchafer, who hooked up this fall but have since broken up, blame the end of their "relationship" on their ignorance of grinding technique. "If I had been taught about the appropriate method of close-up dancing, I wouldn't have felt so unhappy or confused by the situation," Lewd said. "I know we are just one couple of many who were befuddled and ignorant and just sort of went for it."

To avoid emotionally damaging situations like this in the future, Carnegie Mellon plans to release a small handbook - in both digital and paper forms — detailing the ways

in which a person should approach, perform, and derive pleasure from grinding. This step-by-step manual will feature detailed illustrations and helpful tips from current students, alumni, and campus faculty, who have extensive

experience in the area. "Carnegie Mellon is an institution that firmly believes in educating its community to make it a healthier, happier, and safer place for its students," Barb Grengold, the associate dean of student affairs, said. "I know I speak for our president and Student Life when I say that we look forward to seeing some technically excellent and very sexy grinding in just a few short weeks."



### Next week in The Tartan...

"No time to help" with project, says man who spent six hours binge-watching House of Cards last night

NEWS • A3

Graduating senior realizes he didn't have to stay on the red meal plan this entire time

FORUM • A67

A guide to seductively wearing plaid PILLBOX • B17

Courtesy of Anne-Sophie Kim

University Health Services is now offering CAFFEINE DRIPS Limited 3 each student, per semester

SCITECH

### **Ultimate frisbee team has** rebuilding year · B10

**SPORTS** 

### The Hill hosts Food Truck Block Party ⋅ C4

PILLBOX

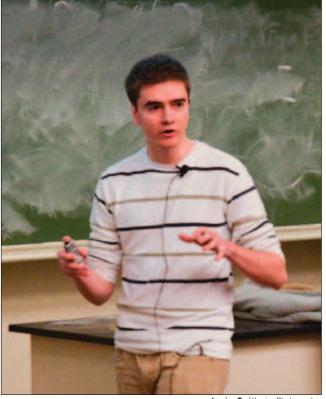
# ARIAR Carnegie Mellon's student newspaper since 1906

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March 30, 2015 Volume 109, Issue 21

# Seniors impart wisdom in First Lectures Town hall details





Jessica Tsai/Junior Photographer

Left: Senior biological sciences major Shalini Ray speaks about her Carnegie Mellon experience. Right: Senior electrical and computer engineering major Peter McHale discusses mental health, success, and failure.

**JESSICA TSAI** Junior Staffwriter

Senior electrical and computer engineering major Peter McHale and biological sciences major Shalini Ray gave lectures on Monday in Porter Hall on how they achieved their success at Carnegie Mellon University. The First Lectures are hosted by the Un-

**INSIDE THIS ISSUE** 

dergraduate Student Senate in homage to Randy Pausch's Last Lecture.

At these lectures, seniors speak about how they achieved their own success, what they learned along the way, and the wisdom they want to pass on about how to lead one's life.

McHale spoke first, opening the lecture with the words, "I will be very honest and sincere for both my successes and

McHale has taught two StuCos. He learned a lot from them, possibly more than his students learned from him, he said. McHale believes that StuCos are a great opportunity for first-year students to learn from upperclassmen, as they are places where "students are

accessible to students."

McHale said that at Carnegie Mellon, he is "surrounded by geniuses." He said that he was successful during his four years at Carnegie Mellon because "I failed so much in leadership. "

McHale first failed at leadership through Solar Splash, a

See LECTURES, B3

# strategic plans



Posner Hall was home to a town hall discussion on the three-pillared Strategic Plan on Wednesday.

**BRIAN TRIMBOLI** Editor-in-Chief

University administrators, faculty, staff, and students met in Posner Hall last Wednesday for the last of three campus-wide town halls to refine Carnegie Mellon's Strategic Plan. The meetings are a precursor to the finalized Strategic Plan, which the university expects to announce at the beginning of next semester.

The Strategic Plan, an initiative announced at the beginning of this academic year, is built on three main pillars: Transformative Teaching and Learning; Transformative Research, Creativity, Innovation, and Entrepreneurship; and The Transformative CMU Experience. A different team of administrators and faculty leads each focus of the Strategic Plan.

During the town hall, leaders from each focus area discussed how they were approaching their concentration and what initiatives they had come up with. Nathan Urban, interim provost, spoke about Transformative

Teaching and Learning. "Our students are not choosing to take intellectual risks ... We want to encourage intellectual exploration." Urban said. He outlined several possibilities for addressing this problem, including

making more courses pass/ fail, putting a cap on the number of units that students can take each semester, and ensuring that a course's units accurately reflect the amount of work involved in that course.

Darrin Willis, a senior electrical and computer engineering major, said that the unit system was ineffective for him, because almost all of his classes are 12 units. "When I first arrived, I thought it was very nice that there was a unit system, because I thought it would allow for both harder classes and less strenuous classes," Wilson said. "It would be interesting to see what it would look like if we had more 18unit classes that were part of the standard curriculum, or other numbers of units."

Next, Richard Scheines, dean of the Dietrich College of Humanities and Social Sciences, proposed a method for engaging students in interdisciplinary work. Scheines outlined a curriculum in which students would begin learning about a topic during their first year, and carry their work with that topic through a senior capstone project that would focus on interdisciplinary research.

Vice President for Research Farnam Jahanian

See TOWN HALL, B3

The Student Experience Survey (SES) is a new initiative by the administration to gauge student sentiment. Read about it on A3.

# Proud to Be Plaid announces trustees, seniors partnership

**LAURA SCHERB** Publisher

Board of Trustees members have pledged to contribute \$20 for each senior that donates \$5 until Commence-

The pledge has the potential to raise more than \$27,000, according to Student Body President (SBP) and senior electrical and computer engineering and business administration double major Ian Glasner.

Glasner announced the giving initiative to the student body by email, saying, "Give today, and turn your \$5 into \$25."

The initiative, which Glasner has been working on for the past few months, arose from conversations that he had with Chairman of the Board of Trustees Ray Lane in late February, when the two met at a Board event in San Francisco. After their initial talks, the Board voted to approve the idea.

"Senior giving is a benchmark similar to alumni giving in that there's no way to really

poll students or alumni as to whether they enjoyed their experience," said Assistant Director of Annual Giving Nicole Atwell via email. "Giving is a proxy for that.... The thought is that if they find the value in their degree and care about the future of the school, they'll give back and invest in the school to help others have the same great experience."

According to Atwell, President Subra Suresh has been working on raising the giving rate, both from alumni and current students since he took office in 2013.

When Glasner took office as SBP, he helped to found the Proud to Be Plaid Committee, which focuses on increasing student giving. Nearly 700 undergraduate students have given this year, and almost 300 of those are senior gifts.

Atwell attributed these numbers from overall undergraduates to such initiative's as the Student Athlete Advisory Board's challenge to have all student-athletes give back this year, as well as CMU Crowdfunding, an initiative started this year to fund stu-



lan Glasner, student body president, presented to the Board of Trustees in February, leading to a collaborative giving effort.

dent organizations and endeavors by the larger campus community through a website similar to Indiegogo.

Atwell also attributed the donations rates among seniors to the efforts of a new

Proud to Be Plaid Committee. Glasner founded the Proud to Be Plaid Committee at the beginning of the year to increase the senior giving rate. He enlisted the help of sophomore math major Connie Yang and

sophomore statistics major Michael McCaffrey to head the committee. Yang and Mc-Caffrey led discussions on the best ways to increase student giving participation.

Peer-to-peer conversations

and targeting Greek communities, as well as outreaching with Highland Ambassadors and Andrew Carnegie Scholars, seem to be the most

See PLAID, B3

# Retro roller skating in Wiegand Gym





Matthew Nielsen/Junior Photographer

Activites Board held roller skating last Friday in the Jared L. Cohon University Center's Weigand Gymnasium. Students were able to roller skate around the gym for free, and soft pretzels were also available. The event encouraged attendees to wear '90s clothing.

# Campus Crime & Incident Reports

#### Public Drunkenness. Underage Drinking

University Police, CMU EMS, and city medics responded to the eighth floor of Wean Hall in reference to an intoxicated male. The male was identified as a University of Pittsburgh student. The student was given medical attention and issued citations for underage drinking and public drunkenness.

### **DUI Arrest**

March 22, 2015

A University Police officer on patrol observed an erratic driver on Fifth Avenue, near Neville Street. The officer initiated a traffic stop and confirmed that the driver was intoxicated. The driver was arrested for driving under the influence and other traffic violations.

### **Alcohol Amnesty**

March 22, 2015

University Police responded to two calls for alcohol amnesty, the first at Fairfax Apartments and the second False ID to Law on Beeler Street. Medical aid was provided and no citations were issued.

### **Underage Drinking**

March  $\frac{1}{2}$ 2, 2015

A security officer on patrol summoned police to Morewood Avenue in reference to two intoxicated Carnegie Mellon students. The students were given medical attention and both were cited for underage drinking.

### Harassment

March 23, 2015

A university employee reported an irate motorist harassing him as he parked his work vehicle on Winthrop Street. The motorist took objection with the location of a parked vehicle and became verbally combative with the Carnegie Mellon employee.

### **Enforcement, Driving** While Suspended

March 24, 2015

A non-Carnegie Mellon affiliate lied about her identity after University Police stopped her vehicle for failing to use a turn signal and faulty equipment. Police properly identified the female. She was released from the scene; however, she was unable to drive the vehicle and will receive charges in the mail.

#### **Defiant Trespass,** Harassment

March 26, 2015

University Police were alerted of a male who was entering the Pittsburgh Technology Center and harassing a female employee. Police investigated and identified the male. He was warned about his questionable conduct and given a defiant trespass warning letter, prohibiting him from returning to Carnegie Mellon leased or owner prop-

\$890 in revenue from sell-

ing Senate clothing. Over

two-thirds of the T-shirt and

sweatshirt stock still needs

to be sold.

#### Harassment, Disorderly Conduct

March 26, 2015

A female student contacted University Police after she was struck with an egg. The female stated that at around 9 p.m. she was standing on Forbes Avenue when an egg was propelled from a moving vehicle at her. The female was uncertain of the vehicle's description, only saying that it was a dark-colored sedan. A second person later came forward and stated that he was nearly struck by an egg around the same time. The male described the vehicle as a white jeep or SUV.

### **Cell Phone Theft**

March 27, 2015

A Carnegie Mellon student contacted University Police after her cell phone was unlawfully taken from the basement-level television lounge in the Jared L. Cohon University Center. The victim stated that she left her belongings unattended approximately 4:50–5 p.m. This investigation is ongoing.

**NEWS IN BRIEF** 

#### Braille-teaching technology wins prize

A device developed within the Robotics Institute won \$20,000 as the winner of the 2014 Louis Braille Touch of Genius Prize for Innovation.

The device teaches students how to write Braille with a slate and stylus, according to a university press release. It was developed by research group TechBridge-World. Students began working on the device, called the Braille Writing Tutor, in 2006. It has been tested in such countries as Bangladesh, India, and Tanzania.

The device has the potential to service areas of the world where Braille typewriters are not easily accessible.

The hardware specifications and software can be downloaded online for others wishing to build similar devices, according to the re-

Members of TechBridge-World also developed a version of the device that relies on batteries for areas that do not have access to reliable power sources.

"The Braille Writing Tutor has been one of our most successful projects to date," said M. Bernardine Dias, director and founder of TechBridge-World, in the release. "We've seen the profound impact it has on blind and visually impaired students and their teachers in communities where we have been fortunate to test the tutor."

Dias is also an associate research professor of robot-

TechBridgeWorld's mission includes implementing technology to meet development needs across the globe. The group aims to leverage relationships with others in developing areas to understand technology's global influence. The group lists two main principles on its website: "sharing expertise to create innovative and locally suitable solutions, and empowerment of indigenous populations to create sustainable solutions."

#### Former post-doc visits British Parliament to present research

Euan Wielewski is a former post-doctoral research associate at Carnegie Mellon. He worked with professor of physics Robert Suter and professor of materials science and engineering Marc De Graef on research regarding X-ray and electron diffraction, according to his LinkedIn profile.

Now he is a faculty member at the University of Glasgow and one of 210 researchers who presented to the British Parliament for a poster competition hosted by SET for Britain. SET for Britain aims to promote the country's "early-stage and early-career research scientists, engineers, technologists, and mathematicians," according to its website.

"This annual competition is an important date in the parliamentary calendar because it gives [members of Parliament] an opportunity to speak to a wide range of the country's best young researchers," said Andrew Miller, chairman of the Parliamentary and Scientific Committee in a university press release.

Wielewski presented research from his time at Carnegie Mellon, as well as from his time at Cornell University. Wielewski's research focused on determining the reliability of certain materials used to make jet engine

"Presenting our research at the House of Parliament was a real honor and a great experience," said Wielewski in the release. "It's rare that early career researchers get the opportunity to talk to politicians about their

> Compiled by **BRADEN KELNER**

#### **TUESDAY** WEDNESDAY **THURSDAY**







**54°** / 29°

**56°** / 37°

**72°** / 47°

**SUNDAY** 

**SATURDAY FRIDAY** 







**58°** / 36°

48° / 33° **56°** / 35°

Source: www.weather.com

### **Corrections & Clarifications**

If you would like to submit a correction or clarification, please email The Tartan at news@thetartan.org or editor@thetartan.org with your inquiry, as well as the date of the issue and the name of the article. We will print the correction or clarification in the next print issue and publish it online.

STUDENT SENATE MEETING MINUTES

#### **Special Allocation:** Food Truck Block **Party**

Senate voted to allocate \$2,859 for last Saturday's Food Truck Block Party. The event, which took place on Margaret Morrison Street, was meant to strengthen the community of the Hill area dorms and bring attention to Pittsburgh's food truck scene. The Finance Committee funded the event on the grounds that the investment was worthwhile because of its long-term potential.

### **Finance Committee Update**

Student Senate has \$71,000 for special allocations. Senate has received \$32,000 more in allocation requests than it did last year, and has allocated \$6,287 less. All of the committees are on budget except for the Communications Committee and the Campus Life Committee, which are un-

der budget. Senate has also made

### **Academic Relationships Code Update**

The Academic Affairs Committee presented the details of the Academic Relationship Code, which is broken up into three sections: honesty, transparency, and respect; academic commitment; and outstanding circumstances.

With the code, the Committee hopes to improve stress culture by promoting communication between

professors and students to increase transparency between both parties. By increasing communication, the Committee intends for students to be able to ask for extensions on assignment.

### **Points of Discussion** and Announcements

Senate is considering surveying students on the proposed new smoking policy. Senate also discussed its upcoming annual dodgeball tournament.



# University strategic plan discussed

TOWN HALL, from B1

spoke next about Transformative Research, Creativity, Innovation, and Entrepreneurship. This focus area was broken down further into four smaller categories: reputation, environment, culture, and infrastructure.

Jahanian spoke most about methods for improving Carnegie Mellon's environment and culture by fostering a more inclusive dialogue on campus between faculty and students and working to "provide the foundation for our students, staff, and faculty to be leaders in their life [sic]," according to the slides that accompanied his presentation.

Vice President for Campus Affairs Michael Murphy and Dean of Student Affairs Gina Casalegno led the discussion on the last focus of the Strategic Plan, The Transformative CMU Experience.

Murphy began by asking audience members, kind of lives do we want to

Casalegno outlined ways to create a "transformative Carnegie Mellon experience," speaking on behalf of Vice Provost for Education Amy Burkert, who could not attend the town hall. Casalegno sug-

gested an "innovation term" an I-term — a period of time during which students could be on Carnegie Mellon's campus, but without the pressures of their everyday academic lives.

Erik Pintar, an electrical and computer engineering major and fifth-year scholar, said that an I-term would be the ideal time for students

to learn and work together without the burden of their coursework. "It's not often that students are at Carnegie Mellon without a lot of work, without a lot happening," he said. "And I think that time when we do, when we don't have work hanging over our heads, could allow that open thinking and the free time to be together and think with

other students, without thinking about grades and organizations and things like that."

Murphy emphasized the potential of everyone within the Carnegie Mellon community. "What we inherit at this place is enormous, enormous talent.... In an extraordinary community with extraordinary people, there's an opportunity to go beyond."



Campus leaders discuss transformative teaching and learning, one of the three pillars of the strategic plan.

# SES survey evaluates campus lifestyle

**JESSICA TSAI** 

Junior Staffwriter

Three years ago, Carnegie Mellon students received an email to participate in the Carnegie Mellon University Student Experience Study (CMU-SES). Now, they are being asked to participate in it again.

Dean of Student Affairs Gina Casalegno and Vice Provost for Education Amy Burkert sent out an email asking students to fill out this year's CMU-SES survey, closing on April 2. The university uses the results of the online study, sent out to the entire student body, to understand the impact of various experiences in and out of the classroom.

The Office of Institutional Research and Analysis helps to create the CMU-SES surveys, according to Casalegno. The information will be used to understand how the demographics and experiences that characterize students relate to students' perceived confidence and abilities.

Casalegno said in the email that the survey is designed to pinpoint how these characterizing factors affect students'

abilities. For example, the survey could help to show whether taking on leadership positions make students more confident at problem solving. The survey could also show whether certain characteristics of students affect their personal well-being.

This year's survey is very similar to the 2012 survey, which will allow university workers to study and compare the answers from students students who are still enrolled at Carnegie Mellon took the survey in 2012. The results of the 2012 survey were shared at many in-person meetings with groups such as the Undergraduate Student Senate and the Graduate Student Assembly. The survey results were also shared with campus members like academic advisers, staff in the Division of Student Affairs, and academic

students and 450 graduate

"The university uses the results of the online study, sent out to the entire student body, to understand the impact of various experiences in and out of the classroom."

who take the survey both

"This longitudinal group is very interesting to us as it will give an even fuller sense of the 'Carnegie Mellon effect' on the outcome areas," Casalegno said via email. "Those who complete both surveys will provide us an additional cohort for analysis, providing a ... group for whom we have results that spans their Carn-

egie Mellon experience." About 900 undergraduate deans and associate deans.

"This allowed for robust discussion and reflection with the research team to further inform our reflections on the results," Casalegno said in the email. The information will not be published online and will not be shared with anyone outside of the university.

"We are very careful with results such as these to ensure that they are not misinterpreted or generalized inappropriately," Casalegno said in the email about reasons for not openly distributing the information. "When talking about people's experiences and abilities, it is important to limit presumptions that one might draw from a cursory look at the material. I anticipate that we will use a similar strategy with this survey as well."

Campus members can expect to know the results of the study early in the fall semester, according to Casalegno.

While the university does not distribute the study's results for other national studies, the university uses the survey's findings to prepare other reports and documents like accreditation reviews and board reports. Casalegno said that the 2012 survey has allowed the university to shift funding in order to support new programs, make changes to existing programs, and change staff and faculty development programs.

Students who complete the survey receive a free treat at Entropy+, as well as 100 points to spend at a Survey Thank You Shop on items like free food at local restaurants, movie passes at local theaters, and university gear.

# McHale, Ray give First Lectures to inspire students

**LECTURES**, from B1

group on campus that makes solar-powered boats. He said that, while he led a great team, he could not provide adequate directions when his team looked to him to lead. He said that to lead, a person has to be 100 percent passionate about the task that they are leading.

From his various leadership experiences, McHale learned that it is necessary to focus more on the team than on the end result. "If you invest in the people they notice and they react to it," he said.

McHale also stressed the importance of people inside and outside of Carnegie

Key people who influenced McHale include assistant teaching professor in the School of Computer Science David Kosbie, his dad, and his high school best friend.

'You are surrounded by really amazing people," McHale said. "You learn a lot about yourself by learning from others."

McHale said that his final year at Carnegie Mellon has been hard because he is often anxious. He also said that a friend he was close to all four years grew apart from him, although he did not want that to happen.

He said that he became cynical with his education at Carnegie Mellon; he just wanted to do something he was excited about.

"I think this is a conversation that we need to have," McHale said about anxiety and depression. "Anxiety and depression are some obstacles that I tried to overcome with my senior year ... Everyone should never be in a place where you are just looking for another part of life."

McHale's final point in his lecture was the investment in people. He emphasized "hanging around people who just keep you up.'

He said that it is important to enjoy hanging out with people and that he and his friends compliment each other often.

"We really do respect each other and compliment each other," he said. "So the conversation is always exciting."

McHale noted that leadership is not just about the team, but everyone. It is very important to pay attention to people and learn from them, he ended.

Ray opened her presentation by telling the audience that although she is heavily involved on campus and in other activities, she is not perfect.

Through her time at Carnegie Mellon, Ray learned to find balance. Her number one priority is, "Put health first, make sure to eat properly, get enough sleep, and focus on things that really matter."

She realized that "it is not the smallest things that matter; it is how you come out of the situation that matters."

Last year was extremely difficult for Ray as her dad suffered through ruptured abdominal aortic aneurysm. He lived for five-and-a-half months before passing away.

"I cried more in those five months more that all I ever cried in my entire life," Ray said. "You know, it was difficult mainly because I felt like I had the world on my side - senior year was perfect. I thought I wanted to work at NASA that summer ... But the world just crashed down at me in one day."

Ray said the support system at Carnegie Mellon helped her get through that time. She described a support network of students, faculty, and staff who have shaped her into who she has become today.

To Ray, "People are the most valuable aspects in my life." She reminded the audience to "never miss an opportunity to make connections, friendship."

Ray ended her lecture with what she called 10 cheesy pieces of wisdom, including such things as being nice to people even though not everyone will be a fan of you, what doesn't kill you makes you stronger, and always laugh or smile because it will brighten up a room.

"Really inspire other people and be a role model to them," she ended.

Throughout the lecture, she reminded everyone to remember that it is always possible to come out of something by having mental strength, as well as friends and family to create a support

The First Lectures series was hosted by the Undergraduate Student Senate. The next event will be held on Monday, April 20 at 4:30 p.m., and will feature seniors Sean Archie and Joanna Latini.

# Trustees pledge donations

PLAID, from B1

effective ways to encourage student giving, particularly in seniors, said Atwell.

Other peer schools have been doing senior gift drives for years. At the Massachusetts Institute of Technology (MIT), 76 percent of seniors gave back last year.

"That sort of giving rate and the ability to educate students as to why giving is important also shows in schools such as MIT's undergraduate alumni giving rates," Atwell wrote. These giving rates are the numbers used for rankings such as those provided by U.S. New & World Report.

Glasner expressed hope that the initiative would work to increase CMU's endowment, which, like the giving rates, is "minuscule" compared to peer institutions.

"Ray [Lane] was excited about this idea because he, like me, understands the importance of giving back to Carnegie Mellon," Glasner said. "When it comes down to it, student giving is not about the money. It's about the participation rate."

The trustees' gifts will add to the nearly \$1 million that they already give annually and the larger, multi-year initiatives they contribute to individually not included in

the \$1 million, according to Atwell. The money donated by board members will be put into either an endowed scholarship or a physical gift on campus, while the gifts that seniors give will go to wherever they designate them.

"I know we can do better," Atwell said. "With continued support from the administration and from committed student volunteers and donors, we'll definitely get there." Glasner agreed, saying

"We all have the same goals at heart — to leave CMU a better place than we found it. And [giving] is a great way to go about accomplishing

### Statistically Speaking 19.3

MIT's endowment for every \$1 in the Carnegie Melllon endowment

Sources: Giving to CMU webpage

Note: All statistics are from 2011

fiscal year.

\$9.97

Percentage of alumni who choose to give to Carnegie Mellon

### \$32 million

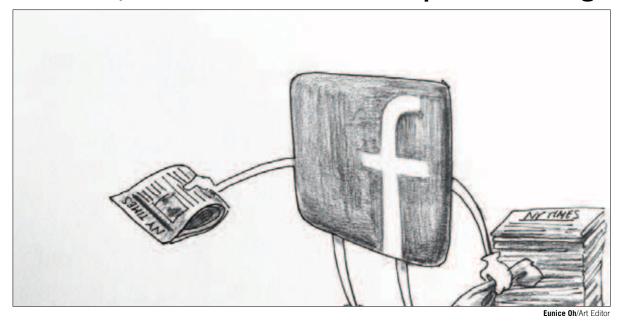
Amount donated towards faculty research

Compiled by **SARAH GUTEKUNST** 



# Horum

### Facebook, New York Times won't be perfect marriage



This week The New York Times announced that Facebook is in talks with news sites about hosting content within Facebook instead of linking articles to external sites.

The plan is meant to create a more user-friendly experience for Facebook users, especially on mobile devices, where clicking away to another site can be clumsy and slow. Expected partners include The New York Times, National Geographic, and Buzzfeed.

This move generates some murky legal waters for Facebook, which would host and display the content. Ownership and publishing rights are still in negotiation. Facebook has never before had revenue-sharing agreements with publishers, but now is discussing ways for publishers to make money from advertising

While this agreement could lead to a "seamless" media consumption experience, as Facebook proposes, it also carries serious implications for digital journalism. When profits are driven by advertising revenue, media outlets are tempted to produce "clickbait" stories eye-catching enough for casual consumers scrolling through Facebook. This has two consequences: sensationalist journalism and non-substantive journalism. Both can be dangerous if they distort reporting.

If news outlets forfeit ownership of their content, they also forfeit some degree of control over display and presentation. Even if they retain ownership, the data that comes from site traffic would no longer go to news outlets. They would lose information about their reader base, while Facebook would gain even more data about users' news consumption habits.

Such a partnership is also likely to be limited to large-scale media outlets with the resources to reach Facebook. Smaller publications or niche stories could be lost.

As a news source, The Tartan is watching the evolution of online journalism very closely. Our own negotiations with USA Today over a joint mobile app raises similar questions about content, ownership, and access for readers.

### Senior giving initiative shows refreshing collaboration

This week, the Proud to Be Plaid Committee and Ian Glasner, student body president, announced a collaborative effort to boost senior giving through a donation matching program with the Board of Trustees. For every \$5 that a senior gives between now and graduation, the trustees will donate \$20.

This is an exciting development in the series of gift-giving initiatives that Carnegie Mellon has seen this year. Though many, including The Tartan in a previous editorial, felt that efforts were half-hearted, this new agreement is both welcome and encouraging. It is refreshing to hear that the Board of Trustees is standing with the students in regard to boosting the giving rates. According to the Office of Giving, the trustees already donated well over \$1 million together annually, and some donate even more in individual major gifts that stretch over years. While adding \$20 might not seem significant, but it makes every senior's donation \$25 instead of \$5. Instead of totaling just over \$5,100, the gift would multiply to \$27,000, creating a larger impact and a larger ripple effect.

The more money that is given toward this undecided scholarship or gift (yet to be decided by senior class voters), the more that money can accomplish. Considering donations as an investment in the future of our school is exactly the right way to approach this new initiative, and hopefully, it will encourage more seniors, as well as all undergraduates,

The Board of Trustees should be applauded for their gesture of support, and the seniors who have given or will give as a part of this initiative should be excited to take part in a historic gift-giving program.

It is unclear at this time if the initiative will extend to next year or not, but The Tartan would like to urge the trustees and student government to continue these efforts. This gift means more than just \$20. It means a tangible show of togetherness in the Carnegie Mellon community and an encouraging investment in the students. Continued plans such as these show that there is real collaboration happening, and not just talks filled with flowery, empty promises. Hopefully, it will sustain through the next rotation of student government.

## Suresh should be vocal on good and bad news

JUSTIN MCGOWN

When the Sigma Alpha Epsilon chapter at the University of Oklahoma was revealed as a collection of racists who used drunkenness as an excuse for their actions, one of the few bright spots I could see in the story was the statement made by the University President and former United States senator David L. Boren in response to the leaked videos.

"These people have acted in a way that is absolutely reprehensible and disgraceful. I don't have words in my vocabulary to adequately describe how I feel about people who would use those words in that way, and chant in that way," said Boren, according to The New York Times.

I'm glad that there hasn't been a scandal of similar magnitude during Subra Suresh's term as Carnegie Mellon's president, but it does bothheard voice in that community.

Since he has taken office, President Suresh's communications to the students have largely consisted of announcing new donations to the Simon Initiative and ProSEED or providing updates on the construction of the new Tepper Quadrangle. Also frequent are important announcements regarding the departure and appointment of important administrative positions. Reminders about speeches and information about important developments such as this are of course part of his job.

One of the few exceptions to President Suresh's typical communications is an email sent out in August after the death of Michael Brown at the hands of the Ferguson Police Department and the subsequent nationwide protests. In the email, Suresh reminds us that we need to have an open dialogue and respectful atmosphere in order to deal with the issues of race and prejudice, even if he doesn't go into any specifics. It's a political email designed

### "He should be an active and frequently heard voice in the community."

er me that I have no idea what sort of reaction I could expect.

Right before Spring Break, Carnegie Mellon had a bad week in the press. Hundreds of rejected students received acceptance emails due to a software error, an embarrassing development for a university known largely for its computer science pro-

A few days after that story broke, a mentor in first-year housing turned himself into the Pittsburgh Police Department for invading the privacy of multiple students. Though the incident had occurred months before, the university only informed the general population after news media broke the story.

It is not technically the university president's role to talk to the student body about bad news. The Dean of Student Affairs is generally given that task, working to portray the university and its administration in the best light possible. But it seems to me that President Suresh should be clearly involved with the campus community, and that as its leader he should be an active and frequently tributing editor for The Tartan.

not to offend anybody and it's understandable, but it also closes with a reminder about the recent expansion of Martin Luther King Jr. Day. In this email's urging attendance of day's events, more is said about a speaker for a Simon Initiative event than any of the other activities for the day. There's nothing technically wrong with the communications sent out by President Suresh's office. It's understandable that President Suresh doesn't want to use his position for politics and wants to avoid controversy.

But the community would benefit from hearing from our leader when it has nothing to do with the nebulously defined Simon Initiative, or when the news is bad. I urge Subra Suresh to communicate more frequently with his students, to be a presence with simply stated stances on issues that impact us, who is not afraid to express opinions and help us understand his vision for our

Justin McGown (jmcgown@) is a con-

LETTER TO THE EDITOR

# Student Senate allotted CUC shell space democratically

After reading last week's editorial opinion in the Tartan regarding shell space, a few inaccuracies in the piece have motivated me to write a letter. I should disclose that I am a senator in the Undergraduate Student Senate, so I'm well-informed on the issue, but also biased in regards to its representation to the student body.

I would first like to address the misconception that this space was purchasable by any undergraduate student organization. It is, frankly, too expensive for anyone to buy but Senate — noting this, we made this decision on behalf of all undergraduate representation in the student government. If Senate did not purchase this space, there is no guarantee that it would go to any undergraduate organization, and certainly, no other organization could afford it. It would likely go up for auction to other commercial interests on campus.

Even if, hypothetically, an organization could afford the shell, there's no guarantee the space would be accessible to all the undergraduates on campus. Democratization of space access is an important issue, and Senate's purchase is the best guarantee of a space for all undergraduates, regardless of departmental affiliation or organizational membership.

Another note is that we don't receive JFC funding. From the overall Student Activities Fee, we get a small slice (\$140,000) of a budget, of which over half goes directly to students and student organizations. We've had the money sitting in reserves to make a big expenditure like this for a while. Without our purchase of the shell space, we couldn't have allocated in a better way to help the student body. However, if you think there are better options to spend that money on, tell us. We are always looking for opportunities to subsidize students who are excited to do new things.

In regards to democracy of decision-making, Senate has continuously endeavored to make the shell space as democratically informed as possible. We've spent tens of hours tabling for student opinions, soliciting them by offering food to anyone who would respond. Our polling began during Senate Week 2014 (the second week of October). With its high traffic, the Cohen University Center (CUC) was the natural choice for location. We incentivized students to respond by handing out free gifts.

Our big question: what is the space that's needed most on this campus? The responses made it abundantly clear that students both wanted and needed a collaborative space for studying or socializing. This was the most feasible option that we solicited directly from students, so we decided to move forward with it.

Theoretically, at this point we could have directly formed our shell space committee. However, rather than restrict our vision, we reopened the forum for students, asking for students' ideal feel of a collaborative space, and what resources it would have. We tabled again (this time's incentive was cakes from Prantl's) and collected responses that gave us a robust vision guided by what students wanted and needed with our portion of the shell space.

After feeling sufficiently informed by the student body, we decided to move forward with our newly formed shell space committee. It's been operational since early January, which shows that we spent nearly a semester collecting information from the undergraduates who we represent.

I find it hard to argue that this process was not democratic. There

comes a point where one can no longer defer directly to students, for the sake of productivity. An organization's members inform the vision for any organization on campus, but smaller working groups execute various facets of that vision. In our organization, our membership happens to be a bit bigger. It is unfeasible to have a working team of 5,500. Simply put, there would be many, many referendums.

We do our best to remain transparent and accessible. If you have any opinions on the shell space, please direct them to us. Student Government doesn't exist to self-serve; we unabashedly seek the opinions of those we represent. I hope that I've provided ample response and clarity to the issue.

Vaasavi Unnava Sophomore economics major

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\* Denotes executive committee member

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# Imagine Ted Cruz's America: it's horrible and ridiculous

**EMMETT ELDRED** Junior Staffwriter

Last Monday, Senator Ted Cruz kicked off the 2016 presidential election season by announcing his candidacy for president. Throughout his speech, titled "The Promise of America," Cruz invited his audience to imagine an America governed by his policies. So I invite you to do the same. Imagine, if you will, the promise of Ted Cruz's America.

Policy one: "Imagine innovation thriving on the Internet as government regulators and tax collectors are kept at bay and more and more opportunity is created."

Here, Cruz is referring to net neutrality. You may remember his infamous "Net neutrality is Obamacare for the Internet" tweet. The truth is, net neutrality keeps the Internet exactly as it is now: free and open. All it does is prevent Internet service providers from biasing the way they provide service. Providers can't, for instance, speed up or slow down websites based on extra fees or contract negotiations. You don't have to imagine innovation thriving on the Internet, because that's what is happening right now. And net neutrality keeps it that way.

Policy two: "Imagine America finally becoming energy self-sufficient as millions and millions of high-paying jobs are created."

Cruz must be talking about a future fueled by sustainable energy sources, right? Surely not oil. Surely not natural gas. Surely not coal. Right? How about solar? Wind? Geothermal? Hydro-electric? Those are new technologies that really could create millions of jobs, and help bring the United States closer to energy independence. Nice work, Ted, I'm with you on this one 100 percent! I just don't think you're with you.

Policy three: "Imagine in 2017 a new president signing legislation repealing every word of Obamacare."

And replacing it with single payer healthcare! Obamacare has its weak points. It's just that those weak points are the more conservative aspects of the bill; for instance, it includes no public option. But even with those weaknesses, Obamacare has been an unquestionable success. It has provided insurance coverage to millions of previously uninsured people. It has slowed the rise of healthcare and insurance costs. It has opened coverage to those with preexisting conditions, it has outlawed gender discrimination in providing insurance, and it has allowed me to stay on my parents' health insurance until I'm 26.

But more importantly, Ted Cruz had no viable alternative. He can't seek out a conservative, marketbased solution, because Obamacare is the conservative, market-based solution.

Policy four: "Imagine a simple flat tax... imagine abolishing the IRS."

I knew Cruz was crazy, but not this crazy. First of all, a simple flat tax would be a monumentally unfair tax system. Income inequality is at record highs as it is, and what Cruz is suggesting is a massive tax break for the wealthy, and (most likely) a huge tax increase for the working and middle class.

Beyond that, who is supposed to collect Cruz's harmful, woefully inadequate flat tax without the IRS? Is Cruz saying that he'll collect every American's taxes personally? The IRS doesn't exist because taxes are high or complicated. The IRS exists because government bureaucracy may not be great, but it's better than nothing when it comes to things like making sure the government has money, and making sure the President doesn't throw away tax revenue because it got mixed in with his junk mail.

Policy five: "Imagine a president that finally, finally, finally secures the borders."

Cruz knows that President Obama has done more to secure the border than most Presidents. Cruz is really talking about Obama's "executive amnesty," as he likes to call it (it's not), which has nothing to do with border security. It's all about recognizing that the Department of Homeland Security has bigger priorities than deporting a mother of three young American citizens or a productive, law-abiding member of society who was brought to the country illegally as a young child.

This article is getting long. I underestimated the depths of Cruz's crazy. It's time for the lightning round.

Policy six: "Imagine a federal government that works to defend the sanctity of human life...'

I'll be expecting your repeal of the death penalty on day one, President Cruz. Not to mention war. And I'm glad to hear you'll be giving everyone free healthcare.

Policy seven: "... and to uphold the sacrament of marriage."

Better get divorced now, before President Cruz outlaws it. It's in the Bible, folks. That's what he's talking about, right?

Policy eight: "Imagine a federal government that protects the right to keep and bear arms of all law-abiding Americans."

Cruz bragged on CNN this week about fighting tooth and nail to kill every commonsense gun control measure proposed after the Sandy Hook massacre, even the bipartisan ones with near universal public support. See policy six.

Policy nine: "Instead of a government that seizes your e-mails and your cell phones, imagine a federal government that protected the privacy rights of every American."

Even a broken clock is right twice

Policy ten: "Imagine repealing every word of Common Core."

You'll have to make it a federal law first, though, so you can repeal it.

Policy 11: "Imagine embracing school choice as the civil rights issue of the next generation..."

Because racism is dead, after all, along with sexism, homophobia, and discrimination. It's time to let schools finally have abortions, or whatever school choice means. But seriously, making it easier and more appealing for people to abandon public schools denies every child's right to a quality, free education. School choice is nothing but white flight from public schools.

Policy 12: "Imagine a president who stands unapologetically with the nation of Israel.'

Because Israel is the 51st state, after all. (Yes, I did just dare boil US-Israeli relations down to eight words. What can I say? It's the lightning round!)

Policy 13: "Imagine a president who says 'I will honor the Constitution, and under no circumstances will Iran be allowed to acquire a nuclear weapon."

U.S. Constitution Article V Section 2: "Under no circumstances will Iran be allowed to acquire a nuclear weapon." Look it up, people.

Policy 14: "Imagine a president who says 'We will stand up and defeat radical Islamic terrorism... and call it by its name."

While we're at it, let's call the Ku Klux Klan or Neo-Nazis radical Christian terrorists. That'll go over well. Or, as it may turn out, gross over-generalizations about people are only okay when they're about the trendy religious or ethnic group to hate.

In conclusion, imagine Ted Cruz's America: Where Netflix is as dependable as Comcast. Where it's easier to get a gun than to vote. Where schools have more choice than women. Where Israel gets our unwavering support, but millions of uninsured Americans are left to fend for themselves. Where everyone has an equal tax rate, regardless of their ability to pay, but millions of Americans don't have the right to marry the person they love. Where oil flows freely through our pipelines, but our commander-in-chief wont even acknowledge that climate change exists.

We deserve better from our candidates. We deserve candidates who will talk about the real issues, like income inequality and climate change and the money in politics.

Who will bring real solutions to the table rather than pander to hate and emotion. Who will align their policies to the facts, rather than religious dogma. The good news: Ted Cruz will never be president. The bad news: He's running, and it isn't going to be pretty.



# New SBP, SBVP shouldn't discard competition's best ideas

Braden Kelner **BRADEN KELNER** 

This year, the candidates running for Student Body President (SBP) and Student Body Vice President (SBVP) have each provided at least one promising goal

to the student body. because voters lapath too LALAMEISTINGERS Emily Giedzinski/Staff Artist

The Tartan is embracing its inner jokester this week. So we asked,

JR Marshall and Jibby Ayo-Ani have proposed to increase the number of students trained to be part of the Survivor Support Network (SSN), while Divya Kothandapani and Mark Whiting have promised to bridge the gap between graduates and undergraduates, something that is sorely needed. Evan Wineland and Connie Yang have proposed to raise student wages and expand students' contact with the city of Pittsburgh.

All of the above portions of

these students' platforms seem like worthwhile pursuits for the next SBP and SBVP to tackle. However, many of the other proposed initiatives in their agendas seem unnecessary or unfeasible. I do not foresee high levels of involvement for Marshall's proposal for a reori-

entation day or Wineland's proposal for a student-faculty lunch program. Kothandapani's proposal for improved apps, while nice, does not seem as important as some of the already listed initiatives proposed by other candidates. These initiatives will either fail or not provide substantial change to our campus. I am not putting down these initiatives to lambaste the candidates'

Instead, I am reviewing both the promising and the less promising positions to shed light on the fact that each running pair has at least one major initiative in their platform worth pursuing, as well as some that are not worth pursuing. If the winning candidate were able to tackle the most important initiatives from each platform, they would have an undeniably strong presidency.

I'm writing to urge the winners of this year's Student Senate debates to consider inviting the other serious candidates (sorry, Saif Jedidi and Ben Debebe) to their cabinet, and for the pairs who do not win the elections to accept those invites. While, of course, not all candidates can win the positions of SBP and SBVP, their proposed initiatives should not die with their campaign. Instead, the winning pair must consider working with their former competitors during the following academic year, in order to provide tangible change before the next election season.

With such highly motivated pairs of candidates (this year has seen more effort put into platforms and campaigning than previous years), it seems a shame that many of the important initiatives proposed will fall to the wayside, only to be replaced by less important initiatives like DineX expansion, student-faculty lunches, and improved apps.

In an ideal world, I would like to see the next SBP and SBVP tackling three equally ambitious goals—like increasing SSN participation, bridging gaps in our student body, and increasing student wages-rather than having one or two important proposals get dragged down by less important initiatives, which are often proposed almost every year (when is the last time we weren't promised better faculty-student relations and

expanded shuttle services?).

Pulling the most important initiatives from each platform would ensure that there are no fluff goals for the next SBP and SBVP to tackle. But in order to make three ambitious goals achievable, the winning pair must consider working with the people who first proposed them, since these are the people who have thought most about these initiatives and probably have the best connections to make them happen.

If I were to have my way, the next SBP and SBVP would choose the most important initiative from each running pair's platform, and tackle those three goals, rather than tackling one good initiative paired with a few lesser initiatives. If I had my way, all candidates would be in the winner's cabinet to make these goals possible. With all candidates working together, I can imagine a SBP and SBVP pair that could enact true change on campus in multiple substantial areas.

Braden Kelner (bik@) is a contributing editor for The Tartan.

### A PERSON'S OPINION

### What was the best April Fools' prank you ever witnessed?



Akash Keiriwal Information Systems First-year

"In my high school, we brought cows up to the second floor. April Fools' isn't really allowed at our school anymore."



**Emma Harger** Psychology, German Junior

"In music class, we put an alarm clock in the teacher's piano, so it would go off in the middle of class.'



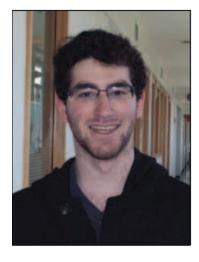
Rhea Prabhu Chemistry First-year

"I put Saran wrap across a doorway and then my friend walked into it because she didn't see it. And then she fell."



Lucy Qian ECE Senior

"My friends collectively tricked me into believing that Carnival got cancelled."



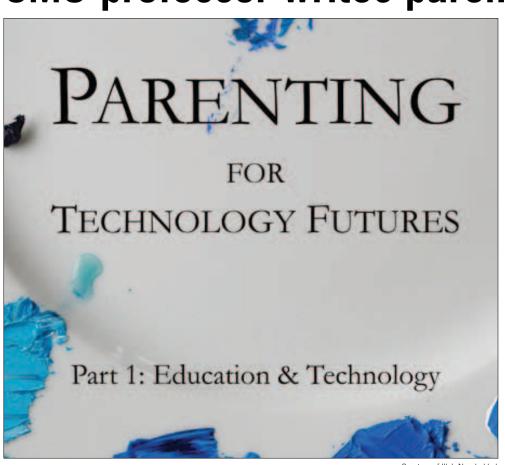
**Enosh Shachar** Chemical Engineering, BME First-year

"Somebody went on Facebook and said I was joining the Israeli military and my friends started liking it to make it seem legit."

B6 « thetartan.org/scitech The Tartan » March 30, 2015

# Science & Technology

# **CMU** professor writes parenting book



Courtesy of Illah Nourbakhsh

Illah Nourbakhsh, a robotics professor at CMU, wrote a book about raising children in an era of technology.

**SHARON WU** Staffwriter

As we progress into the 21st century, the role of artificial intelligence and robotics has become an increasingly controversial topic. While the increasing presence of these technologies has brought conveniences into our lives from intelligent personal assistants to robot-assisted surgery — it also raises many concerns, including the potential consequences of these technologies on the social and financial welfare of future generations. In his latest book, Parenting for Technology Futures Part 1: Education & Technology, Illah Nourbakhsh, a professor of robotics at Carnegie Mellon University, offers parenting advice on how to best prepare children for a technology-driven future. "I've written an earlier

book which talks about the native impact robotic technology can have on society," Nourbakhsh said. "And one of the most frequent questions I got from readers was 'I have kids — what are they going to do in a world with a lot of unemployment, in which robot technology has taken over a lot of what humans do today? How do I prepare my kids for that, so that they can have a good life, even though [the future] sounds like a very difficult time?"

For a long time, Nourbakhsh has been pondering these questions. A father of two, Nourbakhsh joined the Carnegie Mellon community as an assistant professor of Robotics in 1997. Since then, he has founded and directed the

Community Robotics, Education, and Technology Empowerments (CREATE) Lab. He also serves as the head of the Robotics Masters Programs within The Robotics Institute.

Written from the perspective of a parent and an academic expert, Nourbakhsh's Parenting for Technology Futures is a response to the concerns of parents for their children's futures, with a focus on current education issues. Prior to writing his book, he spent about a year reading previously published books and articles that existed on this topic. "I was trying to find out what some of the most important lessons to give somebody are," Nourbakhsh explained. "I wanted to make the whole book really thin so that it is easy for anybody to read in almost a sitting or two."

In addition to his readings, the professor also turned to two colleagues for assistance. One of the colleagues was Junlei Li, an associate professor of psychological science, co-director of the Fred Rogers Center, and an early childhood and learning expert at St. Vincent College. "Junlei Li really studies the question of teaching practices, and what it means to be innovative as a teacher," Nourbakhsh said. The other colleague was Professor Fatemeh Zarghami, a childhood and human development instructor at De Anza College. She also certifies child centers for the State of California. "I [had] the two of them read the early draft," Nourbakhsh said. "Then I read their detailed comments and rewrote the whole thing."

To keep the book affordable and accessible to parents, Professor Nourbakhsh self-published his book on Amazon.com. The book is available in both digital and paperback versions.

The first volume of "Parenting for Technology Futures" is laid out into five chapters that contain tutorials, as well as references to additional reading materials. In the introduction, the professor states the importance of preparing children for mastery of technology fluency, so that they become "creative producers rather than robotic consumers of technology" in the future. Possessing technology fluency is, however, described as being different from having technology literacy, which the author believes sentences people to passivity as they set their sights "on the goal of correctly employing electronic products and digital media without hesitation."

Following the introduction on technology education, the

See TECHNOLOGY, B8

## Researchers study the brain and technical material

**DANIELLE HU** Staffwriter

As part of the global effort to explore and understand complex behaviors of the brain, Robert Mason, senior research associate and Marcel Just, director of the Center for Cognitive Brain Imaging (CCBI) at Carnegie Mellon, have been studying how the brain learns and processes successive information.

In May 2015, their most recent findings, from projects that are part of Carnegie Mellon's BrainHubSM initiative, will be published in Volume 111 of the scientific journal NeuroImage.

Mason, the lead author of the study, believes that their work will benefit research on future learning techniques by approaching this subject area not in a behavioral manner, like most studies in the past, but rather by directly examining the brain.

Although this topic of how the brain learns is an ongoing process that Mason and Just continue to explore, their most recent

paper centers around a study consisting of fourteen college students. The students, six female and eight male, were asked to listen to informative descriptions of four different types of mechanical systems and were analyzed through the CCBI's fMRI machine. Each participant received information about these systems that could easily be understood from a nontechnical standpoint, and were given small visual aids to support the explanations.

The researchers studied mechanical systems including a bathroom scale, a fire extinguisher, an automobile braking system, and a trumpet. Although these objects are common to everyday life, the mechanics of the objects are not generally known to the public. For example, the participants in the study learned about the bathroom scale through phrases such as "A bathroom scale consists of a lever, a spring, a ratchet and a dial," "the person's weight exerts a downward force on a lever,"

See BRAIN, B7



Courtesy of Robert Masor

Carnegie Mellon University senior research associate Robert Mason has been researching how the brain understands technical information.

HOW THINGS WORK

### Caffeine effects are often misconceived

**BROOKE KUEI** 

Contributing Editor

Do the baristas at your local Starbucks know you by name?

Even if they don't start scribbling down your name before you open your mouth, you are likely part of a generation in which coffee is king. Most of us live and breathe coffee, idolizing it as a magical blend that helps us start our days, study for exams, and get through meetings.

But what really happens after you take that first sip and the caffeine starts to course through your body?

Caffeine is a central nervous system stimulant, according to the Food and Drug Administration (FDA). After drinking or eating something with caffeine in it, you will likely experience symptoms such as alertness, improved concentration, a quickened heartbeat, or the jitters. But don't give your coffee all the credit for your productivity

just yet — you might be surprised by what caffeine actually does to your body.

The truth is, caffeine is the ultimate chemical prankster. According to Medical News Today, adenosine is a chemical in our cells that promotes sleep and suppresses arousal. Normally, adenosine binds to adenosine receptors in the brain, causing cell activity to slow down. However, to an unsuspecting nerve cell, caffeine looks just like adenosine. As a result, the adenosine

receptors bind to caffeine instead, leaving few left for the actual adenosine and causing cell activity to speed up in-

stead of slow down. When the pituitary gland notices this increase in cell activity, it assumes that there is an emergency and tells the adrenal glands to secrete adrenaline, the fight-orflight hormone responsible for your extra energy and fast heartbeat. The release

See COFFEE, B8

### SCITECH BRIEFS

#### Google teams up with Johnson & Johnson

This past Friday, Google and the pharmaceutical company Johnson & Johnson announced a partnership between Google's life sciences division and Ethicon, a division of Johnson & Johnson that makes surgical products, to develop new robot-assisted surgery technologies.

Some of the partnership goals include developing software that could highlight features of the body that are crucial but difficult to see, such as blood vessels, nerves, or the margins around a tumor, and also imaging technologies to give surgeons better visuals, all of which can be crucial to successfully removing cancer

By pursuing this technology, it is evident that Google has ambitions far beyond Internet searching, especially with the creation of its life sciences division, which is part of the Google X research unit.

Source: The New York Times

#### New headway on Alzheimer's, heart disease

According to a report from the scientific community in Iceland this past week, in the process of exploring the nation's genetic makeup, Icelandic scientists have uncovered an unknown gene pool with mutations that may play roles in causing ailments such as Alzheimer's disease, gallstone, and even heart diseases.

While some diseases, like cystic fibrosis, are caused by a single genetic mutation, the most common ones are caused by multiple mutations, and mutations to a number of different genes can each raise the risk of getting heart disease or even breast cancer, for example.

Many of these diseases, however, are rare, which means it is necessary to sample large groups of people in order to conduct research. This development is unprecedented in that it involves investigating a smaller group of people.

#### Possibility of alien life on Jupiter's moon Europa

Europa, one of Jupiter's moons, is one of the few places where life could potentially exist due to its icy ocean, researchers say.

Researchers believe Europa to have an ocean up to 100 kilometers deep, which is 10 times deeper than any ocean on Earth. They also have concluded that the moon could contain twice as much water as Earth, which would meet one of the primary conditions for the existence of life as we know it.

Researchers also believe that they could deduce whether life on Europa is sustainable without actually visiting the moon itself, by investigating in Antarctica, which is the host to a number of hidden lakes. Antarctic lakes are the best analog we have for Europa's hidden ocean, so, if life can endure the conditions under the Antarctic ice, the odds of finding it on Europa will improve.

#### Researches suggest an alternative approach to drugs

The discovery that switch-

ing various genes on or off may be able to provide a new treatment strategy other than drugs, for various cancers, including breast cancers and ovarian cancers. Drugs often fail to reach the targeted area, proving to be useless, and in many cases even harmful as they affect healthy cells instead of cancerous ones. After trying to approach this problem with drugs, scientists in Australia have been fiddling with the cancerous tissue itself. "Maybe we can shift the tumor in the direction of the therapy rather than developing the therapy in the direction of the tumor," says Rob Ramsay from the Peter Mac-Callum Cancer Centre in Melbourne, Australia. Along with new treatment development, this discovery could help give patients more information about their chances of sur-

#### Facebook tests laser drones in U.K. skies

Last Friday, Facebook CEO Mark Zuckerberg announced to the world that various teams at Facebook have been testing large, solar-powered drones in the skies over the U.K.

"As part of our *internet.org* effort to connect the world, we've designed unmanned aircrafts that can beam Internet access down to people from the sky," said Zuckerberg in a blog post. "We've successfully completed our first test flight of these aircraft in the U.K."

Ascenta, a Somerset, U.K.based designer of solar-powered drones, developed the drones, which are designed to fly for months at a time at altitudes of 60,000 feet.

The purpose of Facebook's internet.org initiative is to connect at least another billion people to the Internet. The goal is to create new markets for the social network in order to add to the 1.39 billion monthly active users already on Facebook.

#### A molecule that could be a fatty acid, the equivalent of lard, has been found by NASA's Curiosity Rover in the soil of the Red Planet. It is still unclear if the molecule originates from

Fatty acids suggest

the possibility of

life on Mars

a biological source. David Glavin, who works

on the rover's Sample Analysis at Mars instrument, presented the findings at the Lunar and Planetary Science Conference in The Woodlands, Texas, last

Researchers at NASA discovered that there are similarities between the gases released by samples of the fatty acid and various complex compounds on Earth.

This might not be a direct sign of life, but it it does mean that Mars could be host to complex organic molecules, which suggests that microbes could be found there in the future.

Source: New Scientist

Compiled By **CLAIRE GIANAKAS JULIA NAPOLITANO** 

Source: The New York Times

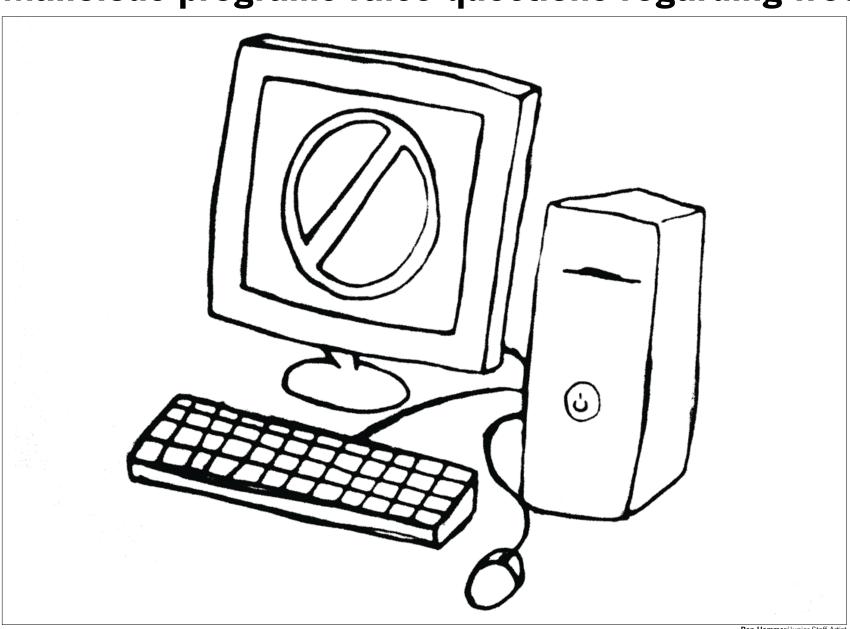
Source: BBC

Source: New Scientist

Source: The Guardian

PUGWASH COLUMN

## Malicious programs raise questions regarding free software



Ben Hammer/Junior Staff Artis

**JOSEPH ROLLINSON** 

Special to The Tartan

Pugwash began this week's meeting by watching Richard Stallman's TED talk from 2014. Stallman is the founder of the free software movement, which has the goal of providing certain freedoms for software users, including the freedom to run a program, change a program's source code, redistribute a program, and redistribute a program

with your changes. Stallman argues that these freedoms are necessary for users to maintain control over the programs they run. He believes that programs without these freedoms can be instruments of unjust power, because the developer of the program can include malicious functionalities without the user's knowledge. Malicious programs can snoop on users, track users, and restrict program functionalities.

of this type of program. For instance, in 2009, Amazon, much to the shock of its users, deleted a version of George Orwell's 1984 from all Kindles without the permission of their owners. This angered many users and showed that Amazon had complete control over the devices. Another instance occurred in 2010 when Sony released an update to the Play Station 3 that removed support for installing Linux. There are many examples At its launch, Sony had touted

the ability to install Linux on the PS3. Sony compelled users to update their systems by disabling online features on consoles that were not updated. In 2007, Microsoft updated nine small programs on machines running either Windows XP or Windows Vista without user approval. Although these changes proved to be benign, it showed that Microsoft has a universal back door through which anything on the user's machine can be changed. In

2013, Bloomberg reported that Microsoft shares information with the NSA about vulnerabilities in its popular products before it fixes them so that the NSA and other agencies can infiltrate users' computers.

After watching Stallman's TED talk, members of Pugwash agreed with his argument that something has to be done about malicious programs, but many did not agree with his solution. Mem-

bers who were not technically focused felt quite helpless. If they couldn't trust software developed by companies, why could they trust software developed by other program-

More technically-minded members argued that, unlike companies, the open source community did not have a reason to write malicious programs. In fact, such a community tends to be self-policing. However, this argument did not quell the concerns of many members.

Many members felt that Stallman understated the sacrifice of only using free software. Free software can be of lower quality and is frequently designed for programmers rather than regular users. Many popular services use cloud-based programs, which by definition cannot be free software. By pretending that the sacrifice of only using free software is quite small, Stallman perpetuates the alienation non-programmers feel from the free software community.

Some members of Pugwash argued that the free software movement was the wrong method for preventing malicious programs. Instead, they argued that governmental regulation of programs should prevent companies from providing malicious programs. Other members argued that this process was quite impossible, because of the monumental effort required to enforce such regulation.

All members of Pugwash agreed that malicious code was a serious problem. However, many felt quite helpless and disgruntled by the free software movement. The technological barriers to understanding and being able to do something about this problem continues to be an issue without a simple solution.

# Researchers study how we perceive technical material

BRAIN, from B6

the weight."

Through reverse engineering, Mason and Just were able to take the data exhibited from the fMRI machine and deduce the underlying neurological processes that generate understanding of such mechanics. "You see how it works, and you have to reason back to what mechanism would give you this pattern," Just said. "For example, if we see activation in an area of the brain that is very commonly associated with visual imagery, we can say that they are forming some type of visual connection."

This study also utilizes machine learning through the use of a "classifier," which takes in variables that form a relationship and, upon the presentation of new and unknown variables, will be able to classify where those new variables fit into the mappings of data.

In this particular application, the machine is able to identify what people are thinking about in a precise manner. "The thought patterns are specific to that system," Just said. "So your activation pattern for when you think about a trumpet is different from when you think about a bathroom scale." This classifier essentially allows scientists such as Just and Mason to accurately measure the thought processes of people.

Both Mason and Just found the results from the classifier as the most interesting aspect of this study thus far. Mason explained that "the degree to which you can see similarities in knowledge representation across individuals" is both surprising and interesting.

According to Just, since tions are "primarily visual." for all individuals shows that these patterns are uniform for all individuals. "All of our brains are organized in the same way," Just said. For instance, autistic brains process information like concrete objects and emotions the same way as standard brains do, and the only difference between the two are thoughts in relation to social

**Autistic brains** process information like concrete objects and emotions the same way as standard brains do .... The way one understands how a hammer works or how the emotion of anger feels is the same across completely different backgrounds.

interaction. The way one understands how a hammer works or how the emotion of anger feels is the same across completely different back-

Just explained that the brain categorizes learning these mechanical processes into four main parts. Before learning, the brain's ac-

the classifier analyzes multi- As more detail is given, the and "the lever pulls a spring ple individuals, the fact that brain transitions to a "mental it can identify similar results animation" of how the system works. The third stage involves a state known as "causal reasoning," which is when the brain puts together visualizations to try and understand what causes certain reactions. The last step is known as "embodiment," in which one would relate one's own body to the system. So, for example, if a hammer was being described, the individual receiving this description would eventually connect his or her own dominant hand to a hammer and visualize or understand the use of the hammer from a personal perspective. Just theorizes that, even with abstract concepts such as mathematics or theoretical physics, which humans cannot physically interact with, people still try to connect the body with the concept as a way to gain a better understanding of how it works.

Mason chose to use mechanical systems as the main focus for the study as a starting point. "With many mechanical systems, we already know what the system does and how to use it, but unless we really look into it, often times we don't know how something works."

He hopes that understanding the brain's learning process will eventually trigger curiosity in individuals and lead them to "think like little scientists."

Mason and Just's research will continue to explore the relationship between learning and the brain, and they hope to expand the range of materials, as well as domains of knowledge, in future tests. Eventually, they would like to apply different training techniques that will apply to future classroom instructions.



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**HOW THINGS WORK** 

# Coffee isn't what you think it is, but give it another shot



Eunice Oh/Art Editor

**COFFEE**, from B6

of dopamine, another stimulating hormone, is also increased. In other words, your beloved caffeine is not the real stimulant — it just tricks your body into releasing more of its natural stimulants.

Unfortunately for frequent caffeine consumers, the brain increases its amount of adenosine receptors as it begins to notice caffeine hogging them.

This is what causes people to develop a tolerance for caffeine. When coffee regulars miss their daily dose, they experience withdrawal because the brain becomes overloaded with adenosine from all the extra adenosine receptors.

So now that you know how your coffee works, the next question to ask is whether it is good or bad for you. According to Rob van Dam, assistant professor in the Department of Nutrition at the Harvard School of Public Health and a coffee expert, there has been controversy over the topic because coffee is actually an extremely complex drink that contains hundreds of other compounds besides just caffeine. It is also sometimes difficult to separate the effects of coffee from the effects of other lifestyle choices that coffee drinkers may have

However, by conducting studies on coffee's influence on very specific health effects, researchers have found some trends.

The latest Harvard study, which also agrees with other recent research, seems to indicate that there is no relationship between coffee consumption and increased risk of death from cancer or

cardiovascular disease.

In fact, some studies have even shown that coffee consumption can reduce the risk of type 2 diabetes, Parkinson's disease, liver cancer, and liver cirrhosis, although these studies merely demonstrate correlation and do not confirm causation. Of course, it is important to keep in mind that the subjects in these studies drank mostly black coffee or coffee with just a little bit of sugar and milk.

Overall, the consensus among the scientific community is that, unless you are drinking to the point that you have tremors or chronic insomnia, coffee is not detrimental to your health.

So keep working on getting that Starbucks Gold Card—the rewards might not only include free drinks, but some extra health benefits.

# Professor writes book about children in technological era

TECHNOLOGY, from B6

professor discusses the policy debate concerning Science, Technology, Engineering, and Math (STEM) learning in the U.S. "I bring parents up to date with what I think they need to know about schools today and the STEM [strategy]," said Nourbakhsh. "What it means, what the politics are behind it, and how schools use and misuse it."

Aiming to improve its performance among its foreign peers, the U.S. government has implemented programs including the No Child Left Behind Act and Race to the Top. In turn, there has been a push for accountability, a policy in which funding for schools depends upon the tested proficiencies of its students. However, as Nourbakhsh points out, such measure can have drawbacks.

"Diane Ravitch was an Assistant Secretary of Education, and she was originally on the side for accountability. But what she discovered over time is that when you have these systems of accountability, it diverts the underlying goal of learning. So now, you're not using a test just to see how good somebody is at learning.

You're using the test as a guideline on what to teach," said Nourbakhsh. "What really matters is that teachers can engage well with students, and cause a love of learning to blossom."

The book then transitions into the topic of digital learning. In this section of the book, Nourbakhsh mentions examples of digital learning, including Massive Online Open Courses (MOOC's), Khan Academy, and cognitive

tutors. "I try to lay out some groundwork on what the digital learning system space looks like, its testing tools and the tools that your child can benefit from," said Nourbakhsh. "I also talk about some of the hype that you hear — like having a [digital] tutor that can solve all the problems that your child does in math class—and the

"We're entering an age where technology will be changing rapidly. We need more and more guides that help us make sense of that new age."

— Illah Nourbakhsh, professor of robotics at Carnegie Mellon

subtleties that explain why this hype isn't true."

At the end of the book, Nourbakhsh also includes a preview of the second volume, which suggests activities that parents can do with their kids, from toddlers to teenagers. Activity ideas include watching car shows or identifying invasive species at local park conservancies.

"In all those cases you're teaching your child to identify something," said Nourbakhsh. "That turns out to be a very important part of technological fluency, which allows you to do things like

program computers in the future."

In keeping his first volume to 64 pages, Nourbakhsh wanted to create a guide that parents could easily refer back to. During his research for his book, he noticed a dearth of books that discussed STEM and digital learning from an unbiased perspective.

In addition, he also saw that there was very little content written to help parents understand the idea of STEM and standards within the education system.

"We're entering an age where technology will be changing rapidly. We need more and more guides that help us make sense of that new age," said Nourbakhsh. "And I hope my book is just one example of what we're going to see several kinds of versions of in the future."

In the coming weeks, free copies of his book will be distributed during a conference about technology fluency for teaching and learning. In the meantime, Nourbakhsh is working on the second installment of his parenting book. He also maintains a blog that focuses on a predicted future, one in which robots will play a bigger part in the lives of human beings.

Beyond his achievements as a professional, at the end of the day, Nourbakhsh is a father who carries the strong belief that parents must be active participants in the learning development of their children.

"You cannot outsource it to a computer, and you cannot outsource it to the teacher," he stated. "You have to be actively participating in that process if you want your kids to succeed."



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March 30, 2015 « The Tartan

SPORTS COMMENTARY

# Well-balanced roster fuels Pirates' division crown hopes

**ZEKE ROSENBERG** Sports Editor

As the baseball season starts next week, the Pirates have the opportunity to build on a recent run of success that resulted in two straight postseason appearances after a torturous multi-decade stretch without seeing postseason baseball. The Cardinals look weakened, the Cubs are relying on a lot to go right, and the Pirates are in a great position to win the National League

This Pirates team's ability to win a ton of games this year will start with a very talented assortment of position players. From the outfield in, the Pirates sport a lot of strengths in the field with very few standout weaknesses. In a competitive NL Central, this combination of depth and topshelf talent could be the difference over the course of a long

(NL) Central for the first time

The most striking concentration of talent on the Pirates is in the outfield. Pittsburgh hit for power, which put some is the only team in the league that can rival the Miami Marlins consensus top trio outside the diamond. While the most obvious name in the outfield is center fielder and 2013 MVP Andrew McCutchen, the corner outfielders should not be forgotten.

Left fielder Starling Marte is a very toolsy player, near the top of the league in his ability to get on base, cover lots of territory, run the bases, throw from the outfield and, when he gets hot, absolutely crush the baseball. He is criminally underrated every year and has given the Pirates a massive boost in his time with the

In the other corner, right fielder Gregory Polanco should begin to deliver on his promise as a prospect after a lukewarm rookie season. Once a common mention among Baseball America top prospects, Polanco did not mash as many expected him to, when he came into the league. He struggled to get on base and

giant gashes in his numbers. However, the jump from the minor leagues to the majors is a tough one, and the spring training results have been encouraging.

Some ground balls have been turning into line drives and fly balls, which are more likely to turn into hits, and Polanco is a prime breakout candidate in 2015.

The infield outlook is a bit less rosy, but not much of a weakness. The corners of the infield are well taken care of. After a down season, first baseman Pedro Alvarez's power numbers should bounce back to somewhere close to his 2013 heights, and his ability to get on base and get extra base hits were improvements over previous season's results. Alvarez is absolutely destroying spring training, and the power is showing again. He may not hit 36 home runs this year, but he could reach 25-30 and be a huge boon for the Pirates offense.

At the hot corner, third

baseman Josh Harrelson of them are high variance looks to build on a breakout year where his versatility and range of skills both offensively and defensively made him extremely valuable wherever manager Clint Hurdle needed him on the field. There was nothing in his peripherals to imply that his season was a fluke, and he should continue both hitting well and closing off the foul line at third base. The middle infield will be held down by Neil Walker, possibly the league's best offensive second baseman after the Mariners' second baseman Robinson Cano, and Jordy Mercer, a satisfactory but uninspiring option at shortstop. The two are a decent defensive double play combination, and Neil Walker can hit well enough for the both of them. The Pirates' infield should be above average, even if it isn't spectacular.

The Pirates' rotation might scare off those who support them, with starters Francisco Liriano and Gerrit Cole being the only players set to have above average seasons. Both pitchers, however, and the rotation will certainly be a weakness. The return of starter A.J. Burnett does little to move the needle. If anything will undo the Pirates, it is the rotation. However, an excellent defensive team and decent starters should not cause too much of a leak and this should not overwhelm the Pirates' excellent offense. The bullpen, including closer Mark Melancon, also goes deep and can help ease the difficulties of the rotation.

Finally, the competition is not as good as everyone thinks. The Brewer's first-half fluky success is not replicable, and they should not be a fac-

With first baseman Joey Votto not returning to his former self, the Reds could potentially be one of the worst teams in the league and will probably deal starter Johnny Cueto by the trade deadline.

The Cubs will be very good in the near future, but it is silly to expect all of their prospects to turn into stars overnight, and players like starter Jake Arietta might regress. The addition of starter Jon Lester should not flip the script for the Cubs overnight.

Finally, the mighty Cardinals were not better than the Pirates last year, and would not have won the division without several absences from McCutchen. With many of their best players beginning to age, the Cardinals are more susceptible to bad injury luck than the Pirates, and the Cardinals offense is not very deep, with only a few players providing more than average offense. Right fielder Jason Heyward, the Cardinals' big off-season acquisition, does not offer much in the way of offense, and left fielder Matt Holiday is set for a major de-

The door is open for the Pirates. With the Cubs on the rise and the Cardinals trending down, it is the perfect time. It could be now or never to grab an NL Central title with this core.

SPORTS BRIEFS

#### Women's tennis

The Carnegie Mellon women's tennis team improved to 11–3 on the season with a 9–0 home win over Grove City College at the start of last week on March 23. Seniors Bryn Raschke and Angela Pratt won 8-3, senior Lydia Utkin and first-year Kalyani Narayan took their match 8-2.

Juniors Elizabeth Martin and Brooke Tsu shut out their opposition 8–0 in doubles play. The Tartans continued their sweep, winning all six singles matches. Pratt won 6-1, 6-1 at the top of the ladder.

Sophomore Nicholle Torres won 6–2, 6–0 in the second slot. Junior Abbey Hamstra also won a singles match 6–2, 6–0 in the fourth slot.

The team's success did not carry to Saturday, however, as they were beaten 5-4 by No. 10 Washington and Lee University. The Tartans were swept in doubles play and could not recover in time to take the match.

Sophomore Vanessa Pavia was able to win her match, which forced a 4-4 tie, but the deciding match went to Washington and Lee, dropping the Tartans to 11-4.

The Tartans finished the weekend 11-5 after losing to Williams University on Sunday afternoon.

The women's tennis team will next play on April 4, when they host the University of Mary Washington.

#### Men's tennis

The Carnegie Mellon men's tennis team continued their success this season, sweeping Grove City College on March 23 and beating Washington and Lee University on Saturday to move to a 9-6 record for the season. Senior Bryce Beisswanger and junior Yuvraj Kumar took their match 8-0, while senior Christian Heaney-Secord and first-year Jeffrey Chen won 8–0 as well. First-years Matt Seifert and Andrew Pratt rounded out the sweep of doubles play, taking an 8–1 victory.

Junior Abhishek Alla won

his match 6-0, 6-0, sophomore Kunal Wadwani took his match 6-2, 6-1, and first-year Tommy Cheng won 6–2, 6–3, all contributing to the 9-0 overall victory.

The match against Washington and Lee was much of the same. The Tartans took two of three matches in doubles play, with Beisswanger and Kumar winning 8-5 while Wadwani and sophomore Kenny Zheng swept their match, 8-0.

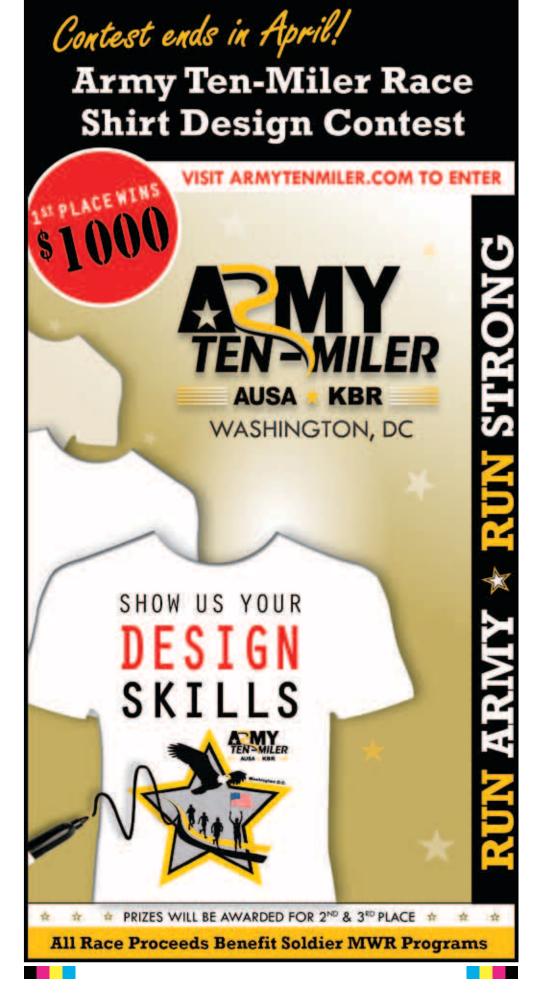
In singles play, senior Will Duncan and sophomore Kiril Kirkov won 6–2, 6–3, and 6–2, 6–0, respectively, leading the

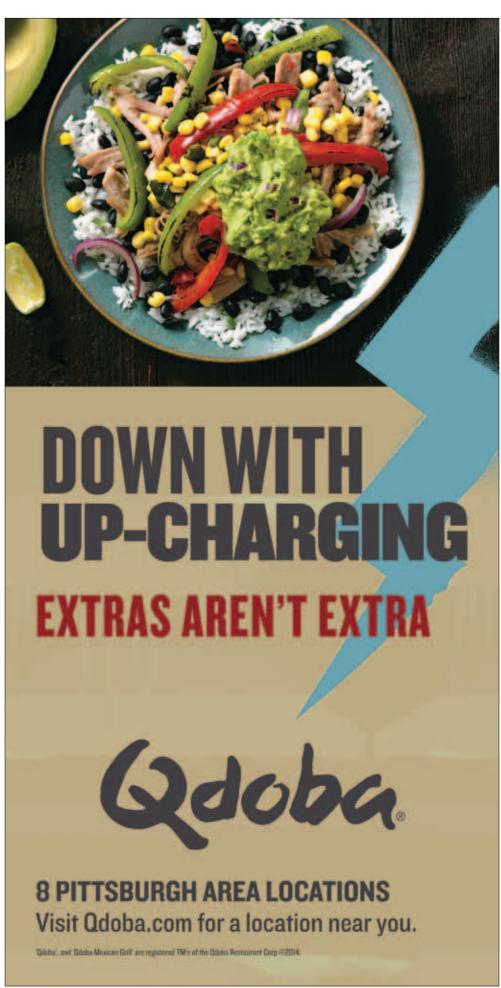
Tartans to a 6-3 overall vic-

The men's team rolled to another victory on Sunday, sweeping Christopher Newport University 9–0 to move to

The men's tennis team will continue their season April 4, when they host Case Western Reserve University.

> Compiled By **ZEKE ROSENBERG**





B10 « thetartan.org/sports The Tartan » March 30, 2015

# Sports

# Ultimate teams set to aim for the stars at College Series

**ZEKE ROSENBERG** 

Sports Editor

Despite inclement weather leading to a series of cancellations, Carnegie Mellon's only Division I sports teams have rolled to successful seasons. The Money Mellons and Mr. Yuk, respectively the women's and men's ultimate frisbee teams, are approaching the 2015 College Series, their postseason. With some wins and some impressively close losses against top competition, both squads are looking to build on their performances and gain some success at regionals.

Money Mellons, ranked 65 in the nation, started their season with lofty goals. "At regionals, we've gotten sixth, max," said senior captain Lauren Miller, a senior business administration and statistics double major. "We want to top that."

In order to achieve this goal, the team has been trying to develop a deep and balanced team, with each of the 25 players capable of filling many on-field roles. Each player needs to be skilled and confident to give the team the ability to reach their goals.

The team has had some onfield success as well, finishing in the top four in each of their fall tournaments. Their first tournament, the Theodore Seuss Geisel Memorial Ultimate Tournament, resulted in a third place finish and a 7-1 record, including a key victory over McMaster University, a Canadian college. Despite







Top: A Money Mellons pregame huddle. Bottom left: Grace Kim and Christine Rooney (3) set up a play. Bottom right: Dagney Cooke starts to throw.

windy conditions that made it tough for both teams, the Money Mellons were able to win a back and forth game on the strength of an aggressive

Their next tournament, North Coast, ended with a second place finish after a close final with Ohio State University,

last year's national champion. A late 6–0 run brought the Money Mellons close, but they couldn't overcome the deficit and narrowly lost 13-10.

Their season continued with a fourth place finish at the Fall Brawl in Columbus,

A 5-2 record included a

15–1 beatdown of regional rivals Case Western Reserve University. The team finished fourth after an overtime loss to Michigan State University.

The Money Mellons' first spring tournament was hit hard by snow, causing a large number of teams to drop out. They went 3–3 at the tournament.

Mr. Yuk also found some success in the fall. The team played the University of Pittsburgh, national champions in two of the last three years, to a back and forth 15-10 loss after Pitt pulled away in the closing moments. The next day, Mr. Yuk took down the University of Pennsylvania, with the help of senior mechanical engineering major Alec Assaad who hit senior captain and senior mechanical engineering and public policy student Reid Almand with a deep pass to take the match 13-12.

Like the Money Mellons, Mr. Yuk has focused largely on building the team.

"After graduating 75 percent of the team in 2013, last year was spent building a strong rookie class," said Al-

This year, with another strong freshman class, Mr. Yuk is set up for long term success. The team is currently preparing for Conferences, the first installment of the College Se-

The team's goal is to advance beyond there.

"It's all about peaking at the right time," said Almand, "And a Cinderella run to Nationals is always in the back of our minds."

The team is not limited to organized play either.

After a tournament in Washington, D.C. was cancelled the morning of, Mr. Yuk played scrimmages with Princeton University and George Washington University, taking both matches, which were played directly on the National

With the College Series beginning in mid-April, both teams have plenty of time to shake off the cancellations and snow-covered tournaments to build on early season successes and put together some postseason victories.

# Host Australia tops Black Caps for Cricket World Cup win

**ABHINAV GAUTAM** 

Photo Editor

Australian bowler Mitchell Starc bowled the fifth ball of the day and clean bowled wicket keeper Brendon Mc-Cullum, the New Zealand captain, for a zero. The record crowd of 93,000 at the Melbourne Cricket Ground roared as Australia got their first wicket in the first over, leaving New Zealand one for one.

Over the last month and half, 14 nations have played 48 matches at the 11th Cricket World Cup, jointly hosted by Australia and New Zealand for the second time (last time being in 1992). The 2015 World Cup marked the first time Afghanistan's cricket team qualified for the tournament. Three associate nations — Ireland, Scotland, and United Arab Emirates — will play with the full member nations of the International Cricket Council (ICC): England, South Africa. India, Australia, Sri Lanka, Pakistan, West Indies, Bangladesh, New Zealand, and Zimbabwe.

Despite a valiant effort by associate nations, the expected full member teams led Group Stage matches and qualified for the quarter final.

After the close, nerve-wracking first semifinal match, the New Zealand cricket team defeated South Africa, continued their perfect World Cup winning streak and secured their place in the final for the first time. Australia had only lost to New Zealand in a very close, yet thrilling match in the Group Stage. But they pulled out a dominant win over India, previous World Cup winner and one of the fan favorites, in the semifinal and claimed their spot in the final for the seventh time.

Once again, the co-hosts of the World Cup were the contenders for the final match this Sunday. New Zealand was the team in best form without any doubts this World Cup. The team played aggressive, attacking games. With excellent leadership by McCullum, batsman Martin Guptil's high scores, all-rounder Daniel Vettori's good form, and opening bowler Trent Boult taking the most wickets in the tournament. New Zealand had good chances for their first World Cup victory. Meanwhile, Australia was no lesser of a team. Having a strong home-field advantage — winning 24 matches of its last 26 matches at home — the Australian

team has a penchant for attacking and winning World Cups, having won four out of the six finals. Australian captain and batsman Michael Clarke set beautifully crafted fields to get the wickets and changed his batting order to score the most runs possible. Along with the strong top batting order including batsmen David Warner and Steve Smith, the Australians would definitely give New Zealand bowlers a challenge. Though their only shortcoming is the lack of a quality spinner, the Australian bowling side gets along fine with both Mitchell Starc — the highest wicket taker so far in the tournament and Mitchell Johnson in great shape.

The Melbourne pitch was expected to be bouncy, but also batsman-friendly as most of the pitches have been throughout the tournament for record-breaking scores. With no rain forecasted, the final match of the 2015 World Cup began on a bright, sunny Australian afternoon. Starc started the bowling attack with fast and full bowling. With McCullum gone for a duck in the first over, the day of the bowlers started. With the first opener gone, New Zealand continued to play safely and was struck down by high-quality pace bowling from Starc, bowler Josh Hazelwood, and Johnson. At the end of the first ten overs New Zealand stood 31 for one, its lowest 10-over score this New Zealand's side as it lost Guptill soon afterwards for 15 and Williamson for 12. Standing 41 for three for at end of the 14th over, Grant Elliott and Ross Taylor gave some hope to the Black Caps as they scored 111 in their partnership. However, a determined Australia got the breakthrough they needed at the start of the power play, getting Taylor out through an appeal. Soon two more wickets fell down and New Zealand was at 165 for six at the end of the 40th over with Elliott still standing, but playing more cautiously. This did not last long as Johnson took another wicket and Australian bowler James Faulkner soon took the final big wicket of Elliott. Twelve runs were scored afterwards as New Zealand collapsed at 183 all out with Johnson and Faulkner both taking three wickets each and Starc helping with two wickets and very tight bowling. Despite losing the toss,

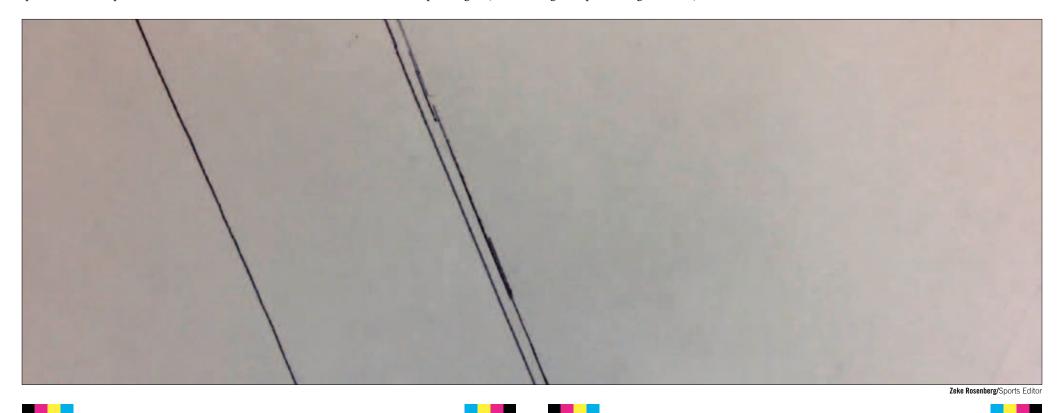
the Australians had a good chance of the winning another World Cup title as they went

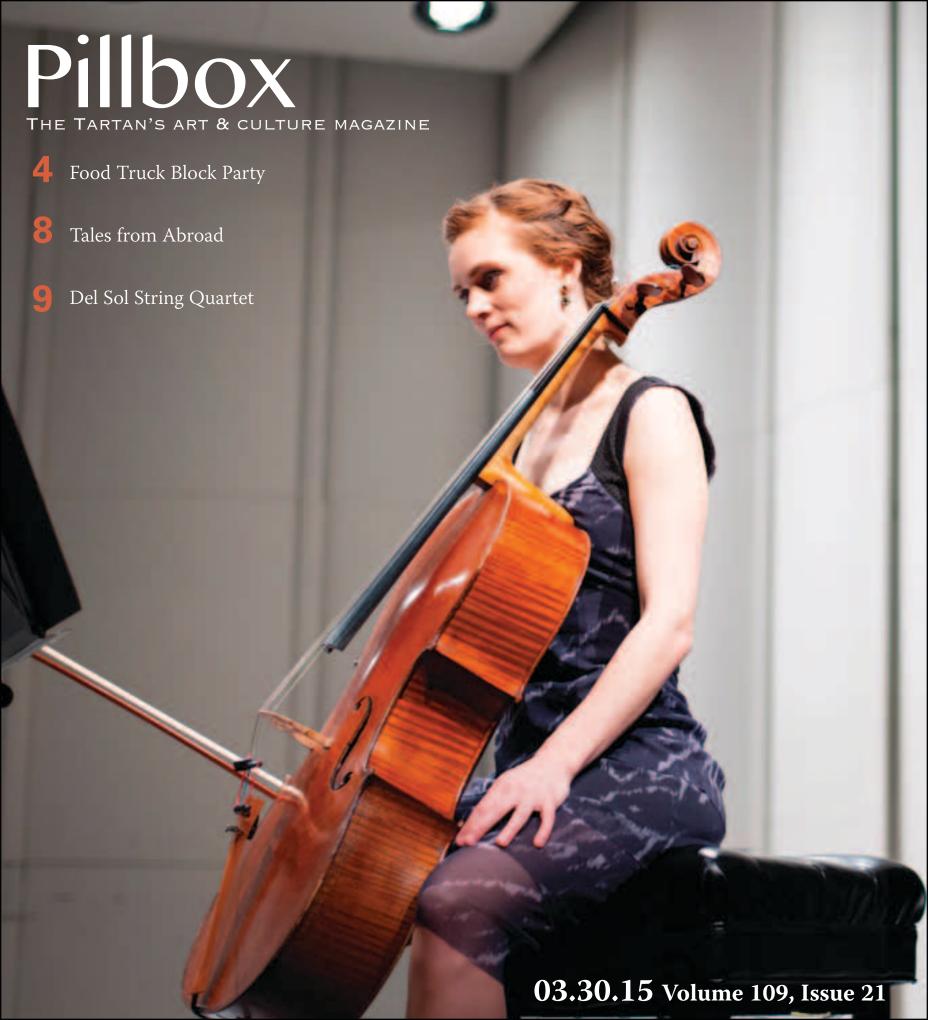
into the lunch break. New Zealand began with a similarly impressive opening over by claiming the wicket of Aaron Finch and leaving World Cup. Luck was not on the Aussies with two for one. However, batsman DA Warner carried the next ten overs by hitting seven fours and giving the edge to the Australians despite being two down for 63 at the end of 12th over. Now Clarke came in and played a captain's innings. Along with Smith, the duo scored the highest partnership of the day with 112 runs. Clarke hit ten fours and one six before finally getting bowled out for 74 by New Zealand bowler Matt Henry. He did not get to hit the winning runs, but his half century got Australia close to a easy win with just short of nine runs. As Clarke left the MCG, he deserved a standing ovation for playing a true captain's innings and for this final being his last One Day International Match. Only twelve more balls were needed, as Smith whirled an unorthodox hit for four and Australia won the World Cup final by seven

wickets. The Aussies rushed onto the field and got into a group hug for a deserving win. Closing ceremonies soon followed with Clarke feeling "over the moon" and said that New Zealand are always a tough team to beat in any sport. McCullum felt that though 183 was too short, it was still an approachable dream.

However, he and the New Zealand team were in high spirits as McCullum ended saying "[we] didn't lift the trophy but no regrets [about] the brand of cricket we've played and we walk away with our heads held high."

Faulkner picked up the Man of the Match for his 36 for three finish. Starc received the Man of the Tournament award for amassing reverseswinging yorkers and 22 wickets throughout the tournament. As the Australian team picked up the trophy, they became the first team to have won the World Cup on all five continents in which cricket is played. They went for the victory lap around the stadium as the fans were still roaring from the win. The team appropriately dedicated their win to batsman Phillip Hughes, who had died after being struck on the neck by a ball in Sydney in November.







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4 Food Trucks

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5 van Gogh

New van Gogh exhibit at the Carnegie Institute of Art is minimal but enjoyable.

6 Grey's Anatomy

The limelight narrows its focus and casts a strong spotlight on Dr. Meredith Grey.

7 Go study outside!

Discover new places to embrace the incoming sun on campus.

9 String quartet

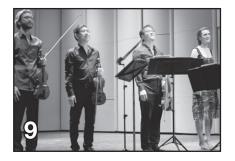
Del Sol String Quartet brings aurally fascinating music from contemporary composers.

1() Rosa Parks

Jeanne Theoharis illuminates the lesser known sides of national heroine Rosa Parks.









### regulars...

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Learn how the stars predict your week will go, and what pranks will be best for you to pull.

# Peanut butter rice krispies

### Try making these easy indulgences with marshmallows

This week's article is dedicated to all those out there with a sweet tooth who will be celebrating Passover next week.

Back in high school, I would celebrate "Cupcake Wednesday" every week with my friends at lunch. Each Tuesday night I would sit down with Martha Stewart, Betty Crocker, and some of my blogger best friends to find the perfect cupcake to bring in the next day. Except, I always forgot about Passover each time it came around. My friend Abby London was always left without a cupcake, and I felt so bad!

This year, even though I won't be around to actually give her a special treat, I'm dedicating this recipe to her.

Just because leavening is off the table doesn't mean that dessert has to be, too. I found this recipe when I fell down the rabbit hole of Pinterest. I like that it's not only a really fun, unexpected flavor that brings back memories of elementary school packed lunches, but it's also really quick and easy to make!

The gist of this recipe? Take the blank canvas of Rice Krispies treats that's already almost as perfect as can be, and then add peanut butter. Marshmallow and peanut butter are such a great flavor combination that can only get better with the added crunch of the cereal and richness from the butter.

#### Fluffer Nutter Rice Krispy Treats

- 1/4 cup of unsalted butter
- 1 10-ounce bag of regular sized marshmallows
- 1/2 cup of peanut butter
- 5 cups of crispy rice cereal
- 1 1/4 cups of mini marshmallows 1 bag of Reese's peanut butter chips
- 1 or 2 bags of mini Reese's cups

#### Instructions

- 1) First things first: Either coat a 9x13 pan with cooking spray or line the pan with some parchment paper.
- 2) Melt butter in a pretty large pot over low heat. Then pour in the marshmallows. They'll start to soften and eventually just melt into a soft shiny cream that will be tempting to dig into with nothing but a spoon and what little pride you might have left. But wait. Next, add in the peanut butter. It, too, will melt into the marshmallow butter sauce. It also might turn you on a little. Before your stimulated senses lead you astray, take it off the heat.

- 3) Before this concoction has too much time to cool down, stir in the cereal and make sure it's evenly distributed so you don't have any really sad pockets of dry cereal with globs of peanut butter elsewhere. Then when the mix is cool but not set, stir in the mini marshmallows by hand. This step is optional if you would rather not complicate things too much, but it really adds some fun to each bite! The marshmallow flavor can get buried under the peanut butter, so the mini 'mallows throughout really help to give that flavor a boost!
- 4) Dump the treats out into the pan, but don't press down too hard while evening it out. After that, melt the peanut butter chips in the microwave at 30 second intervals, stirring in between. Spread the melted chips out across the treats, and before that hardens, sprinkle the mini Reese's cups over the top: If you can bear it, try to wait at least a half hour for everything to set. It will be so worth it in the end. Because truly, these will blow your mind. AND they're Kosher!

#### Looking for a few more Passoverappropriate dessert options? More kosher options (without nuts)?

Anything fruity is a great option! You could make any kind of fruit salad that your heart desires, or even a parfait. Layer some awesome seasonal fruits with any flavor yogurt or pudding in cups for yourself or your Seder guests. For an added treat, you can soak the fruits in some orange juice and sugar for an hour or so. This will make them extra juicy and flavorful.

Desserts that use egg whites also leave you with so many great choices. You can treat yourselves to some macaroons, meringues or even pavlovas! These are a little tricky to make, but store bought is usually still a great option.

You can also stick with a classic and indulge your sweet tooth with some Matzo. You can make an ice cream sandwich, spread some Nutella and top it with bananas, or my favorite — s'mores!

Sarah Gutekunst | Operations Manager

### Advice for awkward people

About alums creepin' back for Carnival

Dear Evan,

I'm a recent graduate and I have a bit of a dilemma; I could use your sage advice. The Stockholm syndrome has started to kick in, and I find that I'm starting to miss CMU. Now don't get me wrong, I'm happy to be free from the stress and the homework, but I miss things like weird people and the freedom to be weird. I know I could get my dose of nostalgia and whatnot by coming to Carnival, but therein lays the problem.

Adulthood has captured the free time and finances of my friends and former classmates, and I find I have no one to go to Carnival with. I would be down to go alone, maybe, but I don't want to come off as the desperate alum trying to relive her youth, and I don't want to pay a good chunk of change and fly across the country only to be that creepy person at Carnival who roams around by herself.

So, should I just get up early and watch Buggy in my PJs, or should I come to Carnival?

Best, Nostalgic for Imbibing Cool, Opulent Liquors in English Department Dear NICOLE'D,

You sound familiar. Do I know you from somewhere? In any case, I congratulate you. You're the first person to write in this school year that writes in an intelligible manner! You deserve accolades, flowers, smatterings of applause.

But yeah, adulthood sucks. As a second-semester senior, I should be celebrating loudly and fervently, but instead I feel this creeping wave of exhaustion and apprehension of what's to come — I have to take responsibility for my own life, my choices, my budget. Perish the thought!

It seems like you're feeling pretty lonely, too, so there's only really one remedy for that: Come to Carnival.

Screw the cost, and screw the people you think will look at you a little funny for being the alum wandering through the third-year-in-arow Pirates of the Caribbean booth behind the group of tittering freshmen girls — it'll be worth it. You know it'll be worth it.

People aren't going to care, anyway — they'll be too busy trying not to be seen buying their fifth basket of deep-fried Oreos in a day.

Buggy in PJs still sounds fun, though, Evan Kahn



# Food Truck Block Party draws huge crowd

Student Life Staff hosts food trucks from around Pittsburgh and offers activities and music

This past Saturday, residents of the Carnegie Mellon community braved the cold to attend the inaugural Margaret Morrison Food Truck Block Party. There were several different food trucks present, including some old Carnegie Mellon favorites like Joe's Doghouse, Tartans' Express, and India on Wheels, as well as some new and exciting options from businesses in the Pittsburgh area. The event kicked off promptly at noon with live performances from groups including East End Mile, Ethan Bence, Arts Greenhouse, and The Treblemakers. In addition to the food and live performances, there were a variety of games available to the partygoers, such as "Pinthe-Tie on Suresh!"

These performances, games, and exciting new food trucks were sure to present students with a promising afternoon. However, in addition to these events, there were also long lines. Though slightly overwhelming at first, it took more than these long lines and cold winds to keep everyone away from the food.

First up on our food truck journey was Mac and Gold, Pittsburgh's Original Mac 'n' Cheesery. Although the line seemed quite long at first glance, we moved along at an impressive pace. We opted for the Barbeque Beef Brisket Mac n' Cheese. Simply put, it was delicious. The perfectly cheesy mac and cheese was topped with barbeque brisket and crispy French fried onions. The other options, including the roasted butternut squash mac and cheese and the prosciutto and pea mac and cheese, also received positive

reviews. The short wait time coupled with the great food made Mac and Gold a true crowd pleaser.

Despite the cold weather, we were still greeted with happy and friendly faces by those working in the Bella Christie and Lil Z's Sweet Boutique food truck. Bella Christie's offered a variety of tasty treats, including cookies, cupcakes, cake pops, and all things chocolate-covered. The treats were very inexpensive, beautifully decorated, and quite delicious. We chose the chocolate covered Oreos, and were not in any way disappointed. The best part was the food truck's lack of any line whatsoever. The Sweet Boutique quickly became a block party favorite.

Franktuary, which offered up classic hot dogs and fries, also became one of our favorites — taste wise, that is. The food was great, but getting to the food was a different story. The line, which appeared to be fairly short, looked promising at first. We were 30 minutes into waiting when we realized it might take slightly longer than previously estimated to acquire one of Franktuary's grass-fed all-beef hotdogs. The bitter cold got the best of some of those waiting in line, but 45 minutes into waiting, we decided we had gone too far to back out now. We envied those in the fast-moving Mac and Gold queue as we waited, and waited, and waited. Eventually our order was placed after a wait time totaling one hour and 45 minutes. However, after receiving our food, we finally understood why so many others had waited this long for hot dogs and French fries — they were delicious.

Although the wait was not ideal, it turned out to be a small price to pay.

Judging by the exceptionally long line at Taco Cho's, which offered Korean Mexican Fusion style tacos, one might have assumed that it was a crowd favorite. But when we asked a fellow student, first-year materials science and engineering major Indorica Sutradhar, about her experience at Taco Cho's, she described her tacos as "kind of cold" and "just okay." Unfortunately, we heard similar responses from several others, as many found the tacos lackluster and not worth the wait. Perhaps the tent setup, as opposed to the standard food truck option, caused a few problems with cooking time and food quality. Although we were not able to personally attend Taco Cho's because of the long queue, we were able to visit several others.

All in all, most of food offered at the Margaret Morrison Food Truck Block Party was pleasing, but the extremely long lines ended up leaving a sour taste in some mouths.

India Price & Jade Crockem  $\mid$  Junior Staffwriters



Abhinav Gautam | Photo Editor

Sometimes the best food comes in trucks, like Franktuary's delicious variety of hot dog-related and vegetarian fare.



Abhinav Gautam | Photo Edito

Students gather for tasty, warm, and freshly cooked tacos.

# Van Gogh exhibit doesn't reach potential

### Visiting van Gogh an interesting addition to an afternoon at the Carnegie Institute of Art

There are some art exhibits you can get lost in, wander for hours, feel time slip away as you move between paintings.

Visiting van Gogh, now on view at the Carnegie Museum of Art (CMOA), is not one of them.

Not from a lack of interesting material — to its credit, the exhibit does what it can with only four paintings on display. But despite being the museum's main visiting exhibition, it's better suited as a stop on a longer visit, not a main attraction.

The exhibit is contained to a small, peripheral room adjacent to the museum's permanent collections. Security guards are badgered by guests who ask, "Is there another room? Is this really all?"

It's easy to make the mistake of judging quality by quantity. The CMOA has pulled off highly interesting exhibits with only a few actual art works in the past. Just last June through September, Faked, Forgotten, Found was a brilliant and engaging exhibit detailing the journeys of four — yes, four — original paintings across centuries, between owners, and among forgeries of varying persuasiveness.

It's been done before, but not here. Visiting van Gogh is interesting in an understated way, but it doesn't seem to fully capitalize on the material it has or the incredibly recognizable name that accompanies it.

The first painting isn't van Gogh's. It's his contemporary Paul Signac's "Place des Lices, St. Tropez" — a pointillist work in golden yellow and orange offset by blue and green. A man sits on a bench in the shade of big-bowed trees with thick, undulating trunks and purple-spotted branches winding up to a swirl of greenblue foliage. There's something distinctly van Gogh in the curving edge of the foliage, the leaves gathering in perfect, thoughtful circles, reminiscent of the whirling clouds in van Gogh's "The Starry Night."

Other than the friendship and clear influence between Signac and van Gogh, the painting's inclusion isn't well explained. The exposition describes Signac's belief that certain colors evoked corresponding emotions — an idea with which van Gogh, too, experimented — but not much else related to the titular artist. In a larger exhibit, it's common and enlightening to include the work of the main artist's contemporaries — but in such a small exhibit, and with a weak apparent tie to the other three paintings, the Signac just seems out of place

The painting helps to inform, however, the series of color theory information panels and activities on the adjacent wall. These panels detail a history of color theory from Sir Isaac Newton's original 1660 black-andwhite color wheel to the divisionist movement, which

explored how separate dots of color interact optically when viewed together. The exposition sheds interesting light on the philosophy behind van Gogh's legendary work and offers a lens for viewing the remaining three paintings.

Most interestingly, the museum recreated van Gogh's caddy full of balls of yarn, explaining how the artist once sat facing the open box, twisting together yarn strands of different colors to see how the colors interacted optically before juxtaposing them in his paintings. We often remember van Gogh as the crazed man who sliced off his own ear, à la Kirk Douglas's tortured portrayal in *Lust for Life*. It's hard to imagine the artist sitting at a desk, winding yarn, pairing colors experimentally and thoughtfully. The yarn box an important reminder that planning, not just haphazard genius, plays into every great artist's work.

The remainder of the exhibit takes us through van Gogh's evolution from struggling twenty-something to Parisian resident to established artist poised to leave a legacy when he died in 1890. Van Gogh's painting career didn't start until the mid-1880s — toward the end of his life, during which he was extremely prolific. Though the original painting isn't featured, the CMOA provides an image of van Gogh's 1885 "The Potato Eaters" — a dark, realist painting in what was briefly van Gogh's style before his art dealer brother recommended the lighter palette of the French impressioists.

An immediate contrast, "Le Moulin de la Galette" — the second featured painting — was created only a year later, but stylistically, couldn't be more different. The tranquil, bucolic scene of windmill and chicken coop is characterized by soft greens and blues, the windmill blades barely sketched: You can imagine the tip of the brush just skimming the canvas. It's still far removed from his later impressionist influences, but closer to his familiar pastel-dominated palette.

Van Gogh's "Still Life, Basket of Apples" shows the artist grudgingly emulating some of his impressionist peers. The strokes are thicker, deliberate, even excessive compared to "Le Moulin de la Galette." The crimson-outlined weave of the basket is swathed in heavy strokes of yellow and blue, lending the painting circular, swaddling movement. It's clearly an early experiment, but it looks more like the van Gogh we know.

The final work in the exhibit, 1890's "Wheat Fields After the Rain," is van Gogh in his full glory. Thick, strong layers of green and yellow create linear movement in grass and the landscape stretching away from the viewer — strokes so thick that they cast shadows underneath them. It's not just green, though: Mint, grass, lime, pine, teal, and turquoise complement and offset each other. Spots of white and red sketch indistinct wildflowers in the foreground, while wide robin's-egg-blue curves depict clouds and sky overhead.



Rachel Cohen | Contributing Editor

"Wheat Fields" is one of the four pieces in CMOA's display.

Though beautiful and focal to the exhibit, the placement of "Wheat Fields" is sudden after a four-year gap in van Gogh's artistic career after "Le Moulin," during which he was allegedly his most prolific, and yet the museum features no further works from this period. After "Wheat Fields," viewers are left with a jarring and unsatisfying description of how the artist succumbed to suicide shortly after that painting was finished. It's an unsettling transition, especially as we had been so carefully guided through the artist's early stages, and yet we're left to imagine what seemed like his most defining years. More exposition to ease the chronology would have been welcome.

If you're a University of Pittsburgh or Carnegie Mellon student with free admission, *Visting van Gogh* alone may be worth the 10-minute walk down the street. But if you're a non-affiliate, group this exhibit with others you'd like to see.

Rachel Cohen | Contributing Editor

Editor's Note: Exhibit runs until July 6, 2015. Admission is free with Carnegie Mellon ID.

# Grey's Anatomy's character-focused last season

### Final episodes of medical drama from Shonda Rhimes bring Dr. Meredith Grey to the forefront

Ten years ago, a massive TV phenomenon began. This program marked the beginning of ShondaLand and the rise of medical TV shows in primetime American television broadcasting. A year prior, FOX began airing a medical procedural drama which became a massive success: Grey's Anatomy. Before that, ABC produced Scrubs, a more comedic take on medical television, but broadcast it through NBC. Shonda Rhimes decided to make the show by mixing elements from other programs. She was able to develop a program that has accurate medicine in it, some procedural aspects to certain episodes, and an overarching story that centers on Meredith Grey and her colleagues. Through the years, the program has evolved, bringing in new characters and focusing more on the ensemble. After 11 seasons, the show has returned to its origins: it is more about Meredith than any other season in the show's history.

With a marked absence from Derek (her husband) and Cristina (her person), the show has been able to take Meredith Grey out of her comfort zone and push her into situations where she has been forced to develop more completely as a character. This is part of what makes Grey's Anatomy such an excellent show. Through the years, we have seen their relationship go through many obstacles and states of being. The actors, Ellen Pompeo and Patrick Dempsey, have shown palpable chemistry from the onset of the series, and their relationship has blossomed from Derek's runaway affair to a loving marriage bound by a Post-It. This marriage has been struggling for the past two seasons with Meredith trying to have time for advancing her career and Derek feeling stuck in his. From the beginning of Season 11, Derek was itching to leave for Washington, D.C. (which he

ends up doing), which basically made Meredith choose between doing what she loved in the place she has called home for most of her life, or follow Derek to Washington, D.C. and risk everything she has worked hard to achieve. Ultimately, she stays in Seattle and continues her marriage to Derek, bringing the hardships of long-distance relationships to the show.

Meanwhile, Meredith is also struggling because she has lost the most important relationship she has had since the inception of the program. Since Dr. Cristina Yang moved from Seattle, Meredith lost her "person." This loss is suffered much more than the current state of her other relationships because she and Cristina had been through the same experiences at the same pace and struggled with very similar problems. Through those struggles they had created a bond that was essential for both of them; with that bond, they knew they could count on each other at all times. Feeling left outside of her comfort zone, without anyone to fall back on, she focuses on her work and her relationships with the rest of her colleagues.

This season has also shown Meredith finding herself by delving into her past and the writings of her deceased mother. She does this not for herself, but for her newfound half-sister. The writers of this show have a knack for introducing stories that fit perfectly with the backstories of other characters and indulging the need for characters that shift focus, change relationships, and bring with them an entire trunk full of baggage.

This season has highlighted how alone Meredith feels and how much more driven she has become through it all. In the last episode she broke her streak; she had gone more than one month without a patient of hers dying. As some of you probably know, as an attending general surgeon of a high-profile hospital, there is a high probability that at least one of your patients will die during a shift. This is especially true if the hospital is prone to natural disasters and dramatic events, as is the Sloan-Grey Memorial Hospital where Meredith works.

Grey's Anatomy works because the writers know the characters; they understand where they have come from and where they are going; they believe in certain relationships, and they flow seamlessly between background characters, guests, recurring characters, and the main cast.

Although the primary focus of this season has been on Meredith, a few subplots do recur throughout the season, and a sense of finality looms over all of the characters. Shonda Rhimes likes to tie up loose ends and give characters a well-deserved ending, so a lot of characters are getting their share of the spotlight. This has been most notable with Callie and Arizona's relationship and Arizona's efforts to become a fetal surgeon. This character has suffered through an amputated leg, a miscarriage, and a very recent separation from Callie; seeing her succeed and go through some extreme training was a welcomed change in pace and character progression. Finally, Shonda Rhimes is closing the show that has given her a rise to fame, that spawned a spin-off while it was still being broadcast, and inspired two telenovelas in Latin America. Grey's Anatomy will be missed — it has graced American television for the past 10 years, and its impact will not go unnoticed.

José Lopez | Staffwriter

Courtesy of ABCLocal via Flickr Creative Commons

Meredith Grey, played by Ellen Pompeo, has been a more singular focus this season than in past seasons, allowing the series to round out with an examination of how she has grown as a person.

# Itching to get out of your messy room?

Be the first to nab a spot in some of campus's nicest outdoor study spaces

It may not seem like it yet, but it will soon soon be time to shed jackets and sweatshirts for T-shirts. With warm rays on the way, it may be tempting to throw work out the window in lieu of a day playing frisbee on the Cut.

But for those without time to relax, the warm weather is not off limits. There is no reason to tackle work inside when there are so many outdoor locations on campus to sit back, relax, and get down to work.

Following are some of the best places to work with the benefit of fresh breezes. Many of these locations are secluded and immune to the noise of campus, making them the perfect places to boost productivity.

#### The Hobbit Hole

Located just outside the main entrance to Baker Hall, this study spot on the Mall is not visible to the average passerby. A work area carved out of a hill, this space is likened by many students to Bilbo Baggins's house from J.R.R. Tolkien's *The Hobbit*, and is the perfect spot to hide away in when work begins to pile up.

Not only are there a number of spacious benches to spread papers out upon, but there are outlets to juice up devices when their battery power runs low. Also, the hubbub from the Cut seems to fade away after descending into the carved out area. Noise from WRCT's speakers and students promoting their organizations' causes outside Doherty Hall are not an issue here. The sun shines pretty brightly on the benches, but it's possible to pick up work and move to the shade of a nearby tree when the heat becomes unbearable.

#### Tepper School Courtyard

Want a space to work outside, but need the comfort of mortar and bricks to focus? The courtyard inside the Tepper School of Business may be the perfect place. This open area

moviesinmcconomy

at the center of the building is equipped with a number of tables and outlets, as well as access to the open sky. At night, there are lamps, although turning them on can be confusing. There's always back-up light streaming through the windows of the building, though, which makes this space a feasible place to work into the early hours of the next morning, if needed. Plus the courtyard is closed off to the bustle inside the building during the day, so noise is not a problem.

If it rains, there is a spacious room right next to the courtyard with doors that open out onto it. Prop them open to escape the water, but still get that feeling of being outside.

#### Beneath the Pausch Bridge

The Randy Pausch Bridge is one of the most well-known and well-traveled places on campus. At night its rainbow lights at make it hard to miss, and the penguins on its walls bring a sense of intrigue to the structure.

But what is less well-known about the bridge is the great shaded study space it provides below. There is a nice patch of grass just below the bridge equipped with a single bench. Few travelers pass through this way, so noise is not a problem. While there are no outlets to charge devices, the area below the bridge offers a nice reading area. Print out papers and skim away.

#### **Tennis Courts**

On either side of the tennis courts are two perfect places to study. Between Margaret Morrison Hall and the courts is an area that was just refurbished with chairs to lounge in and watch the matches... or do work. This area provides a zen atmosphere that could make you feel like you're in Florida.

On the other side of the courts is a nice grassy hill that everyone on campus knows about. The hill is tiered,

meaning there are various flat elevation points on it to spread out work.

The only downside to these locations is the noise that they attract. At the center of campus, these places are almost never completely quiet due to the number of people who pass by them at all times of the day. Nevertheless, if noise is not a hindrance, these locations are some of the most easily accessible, and both get strong Wi-Fi signals.

#### **Gesling Stadium Bleachers**

The football stadium's bleachers don't only have to serve spectators on the weekends. They can also serve students hoping to get in a few extra hours of studying. The bleachers are essentially flat slabs that span a large portion of the East Campus Garage, giving students plenty of real estate to use. They can be quiet if not too many people are on the field and traffic isn't too heavy on Forbes Avenue on the opposite side of the garage.

If some cover is preferable, Tartans Pavilion across the way offers a view of the stadium and an open atmosphere to the outside on days when it is nice. Access to Wi-Fi is questionable on the bleachers, but easily attainable at Tartans Pavilion.

Braden Kelner | Contributing Editor

McConomy Auditorium, Cohon University Center

Lula Beresford | Pillbox Editor

#### The Hobbit: the Battle of the Five Armies

Friday, Apr. 3 8 p.m., 11 p.m.

If you are a big fan of Legolas, or are itching to see Martin Freeman onscreen before the long awaited fourth season of *Sherlock* premieres later this year, *The Hobbit: The Battle of the Five Armies* is playing this Friday to give you your *Lord of the Rings* fill. In this third installment of *The Hobbit* franchise, Bilbo Baggins (Freeman) pulls out all the stops in his attempts to save Middle Earth from obliteration due to the heavy-handedness and pride of various armies. Five armies to be exact. Elves, dwarves, orcs, men, and eagles angrily wield a variety of weapons in the hopes of defeating wonderfully colorful opponents. Unreciprocated love, fancy gems, people with pointy ears: this film has got them all. With sweeping panoramas that are guaranteed to make you want to visit New Zealand, *The Hobbit: The Battle of the Five Armies* is a bombastic and exciting final film of this beloved fantasy trilogy.

#### **Inherent Vice**

Saturday, Apr. 4 8 p.m., 11 p.m.

One of the biggest crime drama flicks of 2014, *Inherent Vice* features an all-star cast. Joaquin Phoenix stars as a perpetually high private detective, who is hired by his ex to help her current lover escape the nefarious plans of his wife. When there is a disappearance — which is really only semi-surprising — Phoenix (known as "Doc") has to pursue various suspects in a world filled with surfers and cops, suspects and moderately normal people, all fueled and muddled by excessive marijuana. The cast includes stellar performances from Reese Witherspoon, Jena Malone, Josh Brolin, and Owen Wilson, among others. Filled with laughs and inanity, *Inherent Vice* is a great movie to see with your friends when you can't decide on any other movie that you would like to see. Also, the more people you attend the movie with, the more likely it is that somebody will understand it.



### Tales from Abroad: Learning to go with the flow

Getting the most out of experiences overseas requires a laid-back attitude and an open mind

Before I studied abroad, I hadn't left the confines of North America. Sure, I had been on trips to Canada with my family and several high school clubs, but that was the extent of my international travels. After just under two months studying abroad, I have now been to three new countries. I've explored several cities in France, where I can somewhat easily navigate and communicate with locals. But I've also been to countries where I had to hope that the people I encountered would be able to speak English or at least be willing to mime their way through a conversation with me.

I tend to be an organized person who makes a plan and follows through with it. The idea that I would get lost, have to look at a map, have to ask questions, and maybe have to take a few detours along the way was honestly frightening.

Somehow, though, during my time here, I have learned how to relax, let go, and just go with the flow. And that is how I have had some of the most memorable experiences of my life. I took a day trip to a place I had never heard of, with no idea what I would do there, and ended up exploring a charming town with a rich history and beautiful sights. I had a delicious home-cooked dinner after going home with a Danish family I met at a brewery tour in Copenhagen. I have had conversations with people who come from cities I can barely pronounce in countries that I have only vaguely heard about. I have ended up in bars and clubs that I will never be able to place on a map where people come up to me simply because they want to practice their English and hear about the United States, and those discussions have been some of the most riveting in my life.

I have tried to find museums or stores and ended up wandering parks so vast and beautiful they made me forget I was in the middle of one of the largest cities in the world.

Spontaneity has been my greatest ally during my time here. While I may sometimes feel uneasy about not having a concrete plan, it's also incredibly liberating to realize that I can go anywhere and do anything that I want. This will probably be the only chance I have to live in a foreign country and feel like I have no real responsibilities holding



Jenni Tuttle | Junior Photographe

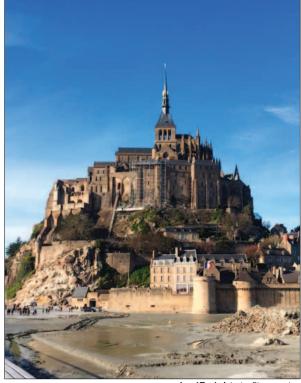
The writer stands in front of the Anne Frank house in Amsterdam in the Netherlands as she continues to explore the unfamilian

me down, so I have decided to take this time to be young and free.

I have learned how to live in the moment. While that sometimes means missing the last metro home and having to pay for a taxi, or getting caught in the rain without an umbrella, nothing has gone horribly wrong so far. And even if it does, that's just the way life works. No matter how hard we plan, we never know exactly how it will turn out, so why not welcome every unexpected experience, every chance that is presented to make a connection and meet some new people? It just may change your life.

Jenni Tuttle | Junior Staffwriter

The beautiful Mont Saint-Michel castle is an ancient monastery on an island in Normandy and offers tourists unparalleled traveling experience.



lenni Tuttle I Junior Photographe

### Del Sol String Quartet performs in Kresge Auditorium

Virtuosic quartet brings contemporary chamber music pieces from around the world to CMU

The internationally renowned Del Sol String Quartet graced Carnegie Mellon University with their presence at their concert in the College of Fine Art's Kresge Auditorium on Thursday night. Though the concert was free and open to the public, it was disappointing to see that there was only a smattering of audience members, maxing out around 50. The musicians — Benjamin Kreith and Rick Shinozaki, violin, Charlton Lee, viola, and Kathryn Bates, cello — played their hearts out anyway.

Based out of San Francisco, the Del Sol String Quartet has been focused on the future of music and its contemporary creators since the group was founded back in 1992. Known for innovative and fascinating art partnerships and their extensive commissioning of modern works, Del Sol has brought sounds from around the world to many audiences during their tenure. The quartet has seven albums, and played a piece off their most recent album *Sculthorpe: The Complete String Quartets with Didgeridoo*, at Carnegie Mellon.

The pieces played on Thursday night were all written by modern composers. The first piece they played was called "Fast Blue Village 2," and was written in 2007 by Uzbekistani composer Elena Kats-Chernin. The piece began with an eerie synchronized introduction from the cello and the viola. During the course of the piece, two or three of the instrumentalists would have phrases played in synchronization. This gave the piece the nice ebb and flow of coming together and moving apart, giving the audience a resolution periodically, and adding structure to the shape of the piece. The piece sounded incredibly sad and a little angry as it finished out the last eight measures or so with choppy and harsh notes played by all four musicians simultaneously. According to the program, "Fast Blue Village 2" was created "from material to be played by a set of robots designed by Roland Obeiter" and indeed, you could tell.

The second piece was introduced by the violist, Charlton Lee, who talked about the nature of the piece as "taking the old with the new." The piece — "Calligraffiti" — written by Chinese composer Huang Ruo in 2009, mixes the traditional word "calligraphy" with "graffiti" and plays off that theme during the course of the piece. Lee described the piece as being reminiscent of what it was like to grow up in a Chinese family in the United States, due to Ruo's mixing of "something so authentic with something so profane." "Calligraffiti" began with a high wavering whisper from the cello, before others joined in with a whispery tone. Playing with very little pressure and close to the bridge on these stringed instruments, the piece of music trod the line between ugly and pretty noises. Other less traditional tones, liberal use of artificial harmonics, and minimal vibrato also gave the piece an exceptionally unique feel. Occasionally one musician of the bunch would play with a clear strong tone, and it felt like a breath of fresh air. I began to find myself wishing for more of these interludes, as I am a person not familiar with contemporary chamber music, and the weird scratchy tone often confused me. Ultimately the dichotomy between the clear tone and the rest of the tones played by the musicians was part of what the piece was all about, and I was intrigued having experienced something so innovative.

The third piece was the piece from their album. Though played without the didgeridoo part, String Quartet No. 14 "Quamby" still called to mind the imagery of the Tasmanian shore its composer hailed from. Reminiscing on life as a child, Peter Sculthorpe wrote the piece about cliffs he used to walk on as a child, and the experience of watching the birds and thinking about the cliffs' history. The word "Quamby," the name of a certain bluff, means "save me" or "mercy." The piece is in four movements, though all were connected by a general feeling of loneliness and wonder. The first movement's long and dramatic phrasing sounded kind of like the beautiful sweeping melodies of the Pride and Prejudice film from 2005, though played in a completely minor key. The third movement featured some gull sounds mimicked perfectly on the cello. All in all this piece was my favorite of the evening, managing to convey a whole story in just four short movements.

The second half of the concert began with Italian composer Stefano Scodannibio's take on Monteverdi's famous madrigals. "Mas Lugares (su Madrigali di Monteverdi)" did indeed use melodies and harmonies found in the madrigals, but explored these well known songs using new texture and strange harmonic couplings. During his introduction of the piece, violinist Benjamin Kreith talked about how "tactile" a composer Scodannibio was, and that became aggressively apparent during the course of the piece. Maybe because I'm kind of a wimp, I found myself wishing that the pieces were played with traditional tone and emphasis, as I am not used to hearing such husky and squeaky sounds. Though I can appreciate the creative and textured piece, it definitely is not one that is going on my listening list.

The concert ended with a piece written by a member of Carnegie Mellon School of Music faculty, Professor Reza Vali, who hails from Iran. His piece "Gâtâr (Calligraphy No. 11)" used the Persian modal system, instead of a Western modal system. This made the intervals in the piece sound very different from the intervals audiences are accustomed to hearing in, say, Mozart. It was the Pittsburgh premiere of this piece and the third piece of Valli's the quartet has played. The piece included frequent solos from the instrumentalists, and often seemed to include portions of call and response. The response to the piece was enthusiastic and Professor Vali joined the musicians on stage for a final bow.

It was wonderful to attend a performance from individuals who are on the forefront of contemporary chamber



Matt Nielsen | Staff Photographer

Violinist Rick Shinozaki and violist Charlton Lee play each of the challenging pieces with animation and personality.

music, and it only made me wish that more people had gone to see the performance. The innovative use of tone quality, harmony, and articulate storytelling provoked me to consider what I think of as beautiful chamber music, and where I think chamber music is going. For a genre so rooted in the music of its historical greats, I think it is important to put down the Beethoven once in a while and look to the future.

Lula Beresford | Pillbox Editor

### Professor Jeanne Theoharis talks at CMU

Students and community members gather in Giant Eagle Auditorium to learn about Rosa Parks

Jeanne Theoharis gave a riveting lecture focused on breaking misconceptions about the legendary Civil Rights activist, Rosa Parks, to a captivated audience this past Wednesday.

A professor at Brooklyn College and author of the critically acclaimed book, *The Rebellious Life of Mrs. Rosa Parks*, Theoharis delved into Parks' background as a civil rights activist at Giant Eagle Auditorium on March 25. Among her key points was how Parks' famous bus protest was not mere coincidence, but stemmed from her years of fighting against racial injustice.

Theoharis' dynamic and impassioned lecture painted Parks in a way that broke the image of her as just a tired, middle-aged woman who refused to get out of her seat. Parks was described as "feisty," and as continuously asking others, "Why do you push us around?"

This rebellious spirit was evidenced by Parks' history in the Civil Rights Movement. As a child, she would sit by her shotgun-wielding grandfather in the south who protected their home against racial violence. As an adult, Parks became interested in the movement, and a turning point came when she met fellow activist and future husband Raymond Parks in 1931, who was a lawyer in the infamous Scottsboro case.

Throughout the 1940s, Parks took a more prominent role in the fight against racial injustice. She joined her local NAACP chapter, becoming its Grand Secretary, and worked with other prominent Civil Rights leaders such as E.D. Nixon in fighting for voter registration and eliminating poll taxes. After years of her own struggle, Parks voted for the first time in 1945. Parks then continued to work with criminal justice issues, particularly by finding legal defense for cases where black men were being wrongfully accused of crimes and cases where the law was unresponsive to white brutality.

However, Parks' history is not without its hardship, a feature overlooked by many. Due to her activism, she was often banned from working and faced immense economic problems. By the late 1940s, Parks had begun to burn out. In fact, early in 1955 (the same year as her famous bus protest), Parks stated that she believed the movement was out of her hands, but was the future of new generations. Yet, her perseverance and her attendance at the Highlander School that summer would rekindle her passion.

As Theoharis stated, it is this perseverance and also Parks' knowledge of the movement that make her a true hero. Despite her hardships and her knowledge of the racial violence often taken against black activists, Parks continued to fight for civil rights. However, the reiterated fable that we are all familiar with loses these details and this agency — Parks' action on the bus, though still heroic, reduces her to being a hero by chance, not a hero through her own virtues.



Abhinav Gautam | Photo Edito

Theoharis spoke about the myth surrounding Rosa Parks's activism and how it hurts our understanding of the movement.

In fact, Theoharis dispelled several myths of the bus story during her lecture. First, Parks was not the first African American that refused to give up their seat on a bus. Others, including Parks, had done so and had been arrested in the past. Next, when Parks was asked to move from her seat, she did not merely state that she was tired after her job as a tailor. She understood the consequences of her actions, and takes this injustice as an opportunity to not consent to this treatment. Theoharis stated that it was only after the insistence of the bus driver that the police actually arrested her, and she was later released from jail that night, shaken but unharmed

So why is Parks remembered as such a heroic and influential figure, if others had already conducted several similar protests?

One large factor of Parks' legacy is her collaboration with E.D. Nixon. Nixon, a prominent white lawyer, saw Parks as a valuable test case. Parks had an "ideal image": she was "working class in economics" and "middle class in demeanor", making her relatable to other blacks. Most importantly, Nixon knew Parks' spirit was unbreakable.

Theoharis continued that although Parks' legacy is often left with her at the bus, she actually continued for the remainder of her life. Parks helped organize the highly intricate and methodically planned carpool system which made the Montgomery boycott of the bus system possible. This boycott, and other protests organized

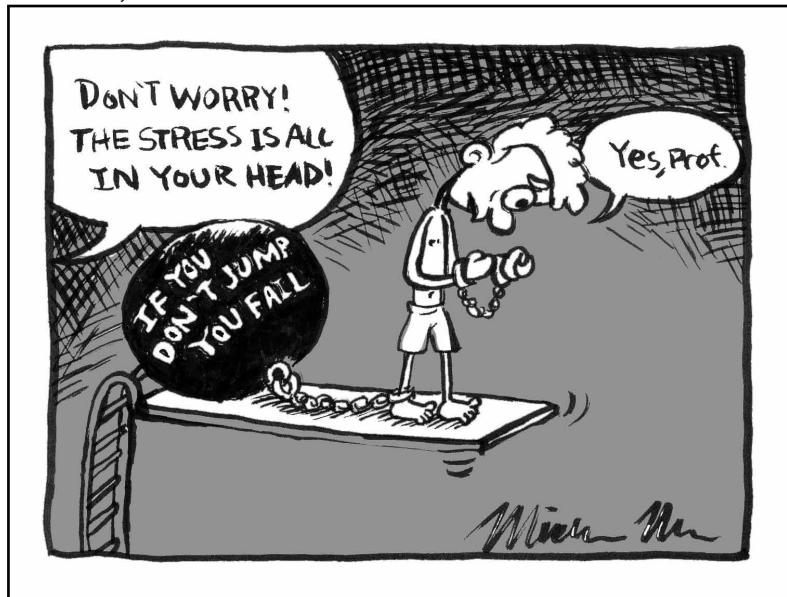
by Parks, would help propel civil rights leaders such as Martin Luther King Jr. into the national movement.

Following her move to Detroit, Parks continued to face economic hardships, but persevered, fighting for housing issues, freedom for political prisoners, and accessible education.

Theoharis' lecture gave new insight on a legendary icon and true American hero. However, Parks' life shows that with enough courage, perseverance, and faith, any individual can dramatically change the socioeconomic and political culture of our nation.

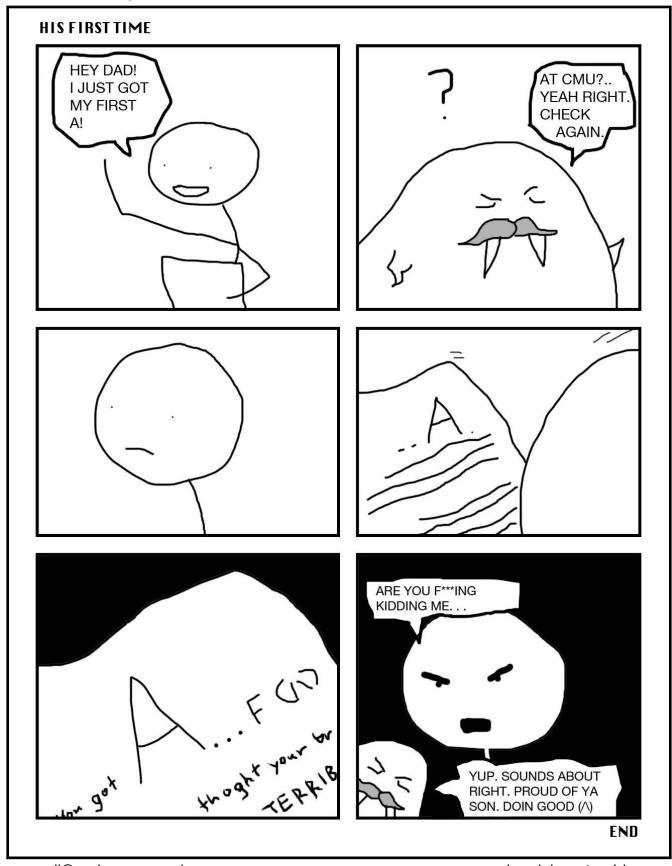
Most importantly, though, Theoharis' talk opened up a much needed dialogue in the humanities departments here at Carnegie Mellon, a dialogue about the ways in which historical narratives learned in high school affect the way students learn about history in college. For a school whose humanities are often overshadowed by other departments, talking about the ramifications of the way history is told is important in boosting the school's awareness of the direction of the humanities, and keeps Dietrich on the cutting edge of such education.

Dhruva Krishna | Junior Staffwriter



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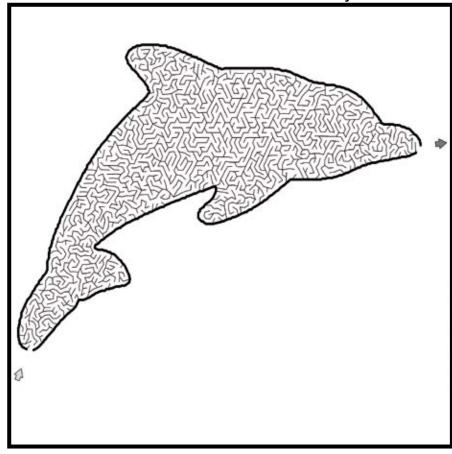
nrussell@andrew.cmu.edu

nehemiahrus.tumblr.com

Sudoku Puzzle: Very Hard Difficulty

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Maze Puzzle: Hard Difficulty



Sudoku courtesy of www.krazydad.com

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

Maze courtesy of www.krazydad.com

Start at the arrow on the bottom left corner and find your way through the maze.

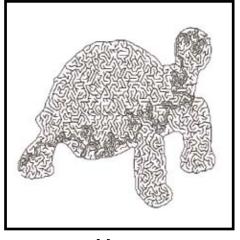
### Solutions from March 23

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Crossword

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Soduku Maze

### Horoscopes

Cruel Pranks and Cool Jokes

aries

march 21-april 19

Marinate while you shower!

Remove the shower head. Insert chicken bouillon. Wait for an unsuspecting victim.

taurus april 20-may 20 We're watching.

Stick googly eyes on every inanimate object.

gemini may 21-june 21 Freshen up with cream cheese deodorant.

Take deodorant out of its container. Refill the container with cream cheese.

cancer june 22-july 22

Enjoy breakfast in the shower.

Fill the shower railings and soap holders with toasted bread.

leo july 23-aug. 22 Love mixed treats?

Mix a bowl of Skittles, M&M's, and Reese's Pieces.

virgo

aug. 23-sept. 22

Prepare for a water surprise.

Line a hallway with Styrofoam cups filled with water.

libra sept. 23-oct. 22 Need an extra sour apple?

Dip yellow onions into melted candy and wait for someone to take a bite.

scorpio oct. 23-nov. 21

Clean your teeth with Oreos.

Replace the inside of Oreo cookies with white toothpaste.

sagittarius nov. 22-dec. 21 Craving soy sauce?

Pour sprite in a coke bottle. Add soy sauce until it looks like the original color.

capricorn

Win your office wars.

dec. 22-jan. 19

Zip tie a can of Frebreze permanently open. Throw it and run.

aquarius
ian. 20-feb. 18

Looking to redecorate?

If you dip cotton balls in water, they'll stick to anything on a freezing night.

pisces feb. 19-march 20 Become a mysterious caller.

Change all of your victim's contacts to "It's a Mystery."

Maryyann Landlord | Comics Editor

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Crossword courtesy of BestCrosswords.com

#### **A**CROSS

- 1. Airline since 1948
- 5. Krazy \_\_\_
- 8. Narrow inlets
- 12. Hood-shaped anatomical part 4. Musical Horne
- 14. Adriatic resort
- 15. Wight or Man
- 16. Of Thee \_
- 17. Image of a deity
- 18. First son of Adam and Eve
- 19. Wool-clippers
- 21. Morals
- 23. Zeta follower
- 24. You \_\_\_ here
- 25. Actress Ruby
- 26. Marsh plants
- 30. Former Russian rulers
- 32. Software buyers
- 33. Chew
- 37. Female horse
- 38. Actress Anouk
- 39. Gillette brand
- 40. Bonnet with a large brim
- 42. Finely ground meal of grain
- 43. Adlai's running mate
- 44. Occur
- 45. Chart
- 48. Fleur-de-\_\_
- 49. Atmosphere
- 50. Flowering
- 52. Penitentiary island57. Tailless amphibian
- 7. Tailless ampiliblai
- 58. Scraps
- 60. Wild Asian dog
- 61. \_\_\_ kleine Nachtmusik
- 62. Western pact
- 63. Satisfies
- 64. Corrida cries
- 65. Craving
- 66. Sunset direction

#### Down

- 1. Sponsorship
- 2. Whip
- 3. That's \_\_\_!
- F. Vouna anoto
- 5. Young goats
- 6. "Much \_\_\_ About Nothing", play by Shakespeare
- 7. Put up with
- 8. Having wealth
- 9. Let me repeat...
- 10. Wonderland girl11. Inward feeling
- 13. Concurs
- 13. Concurs
- 14. Old Italian money
- 20. Aliens, for short
- 22. Actress Garr
- 24. Item having exchange value
- 26. Adds
- 27. Son of Rebekah
- 28. "Jurassic Park" actress
- 29. Diving bird
- 30. Domesticates
- 31. Skin of the upper part of the head
- 33. Floating bombs
- 34. At the apex of
- 35. Faithful
- 36. Acquire through work
- 38. White metallic element
- 41. Capital of Norway
- 42. Capacitance units44. Sot's sound
- 44. 30t 5 Sound
- 45. San \_\_\_, California 46. Bubbling
- 47. Flat surface
- 49. Furthermore
- 51. Lyric poems
- 51. Lyric poeriis
- 52. Env. notation 53. Melt
- 54. Routine
- 55. Some are pale
- 56. Gusto
- 59. Actress Charlotte

14 horoscopes
pillbox 03.30.15

Monday 3/30/15

#### Neither Here Nor There.

Porter Hall 100. 4:30 p.m.

The Center for the Arts in Society presents Neither Here Nor There as part of their semesterly series of events. This event will feature artist Rita Duffy, an artist from Northern Ireland who uses her art as a means of commenting on or challenging culture and politics. Her talk will discuss the concept of "Nothernness" as a geographical and psychological idea, as well as the concept of challenging boundaries. Admission is free.

#### **Thursday** 4/2/15

#### alt-J.

Benedum Center. 8 p.m.

English indie rock band alt-J will visit Pittsburgh during its North and South American tour on the heels of the release of their most recent album, *This Is All Yours*. Tickets are sold out but can still be bought from scalpers.

#### Varun Gadh.

Skibo Cafe. 7:30 p.m.

AB Skibo presents singer-songwriter and CMU first year Varun Gadh. Dhruva Krishna and David Matvey will open for him. This event is funded by your student activities fee.

Editor's Note: Dhruva Krishna writes for The Tartan.

#### Anya Martin.

New Hazlett Theater. 8 p.m.

Martin along with the actors of the Hiawatha project will perform *JH: Mechanics of a Legend*, a piece about the myth of John Henry and how it remains culturally relevant today. The show will be followed by a talkback with script advisor Wendy Aarons and Samuel Black, African American historian at the Heinz History Center. \$20 in advance or \$25 at the door.

### Saturday 4/4/15 Earl Sweatshirt.

Mr. Smalls Funhouse and Theatre. 8 p.m.

Los Angeles-based rapper Earl Sweatshirt will perform this week alongside Remy Banks and Vince Staples. Sweatshirt just released his most recent album *I Don't Like Shit, I Don't Go Outside* on March 23, which is about the struggles of young adults today. Tickets start at \$25.

#### Ongoing

#### Oblivion.

City Theatre Company. Through April 26.

A comedy from Carly Mensch, a writer from the television show *Weeds*, the play *Oblivion* takes on the complex relationship between parents and adolescents, and what it means to grow up and be a family. Tickets start at \$36.

#### Sketch to Structure.

Carnegie Museum of Art. Through Aug. 17. This exhibition in the Heinz Architectural Center explores the process from an architect's initial concept to client presentation. Featuring a number of sketches by Lorcan O'Herlihy and Richard Neutra as well as watercolors by Steven Holl.

#### Some Day is Now: The Art of Corita Kent.

The Andy Warhol Museum. Through April 19. Covering over 30 years of Corita Kent's posters, murals, and signature serigraphs, *Some Day is Now* is the first major museum show to survey Kent's career.

#### Boeing Boeing.

CLO Cabaret. Through April 26.

This Tony Award-winning production from the 1960s tells the story of a Parisian player with three girlfriends, all flight attendants. He gets himself into trouble when, with the

### **Classifieds**

Change kids' lives with KEYS AmeriCorps. Join a team of over 90 members at 20 Pittsburgh summer camps for one unforgettable summer. Earn \$3,241 throughout the summer and a \$1,493 education award upon completion. May 26 – Aug 12.

Visit www.keysservicecorps.org or email aaron.gray@alleghenycounty.us.

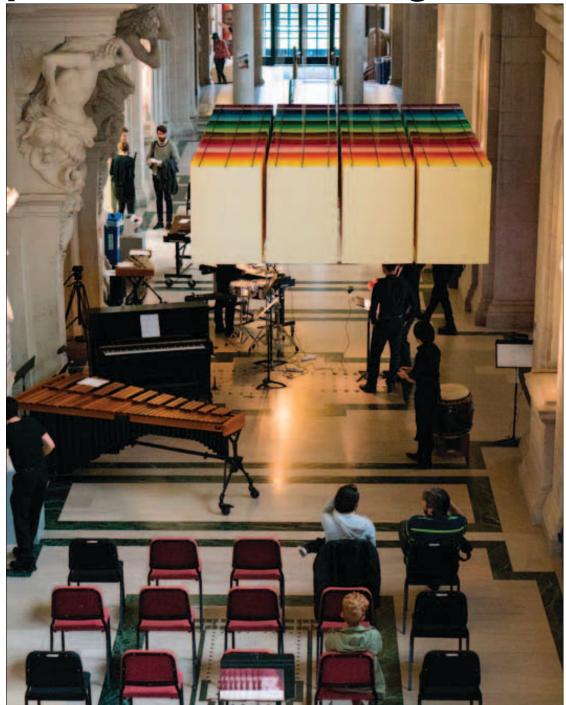
invention of a faster plane, they all come to town at once. Tickets are \$39.75.

Compiled by Sarah Gutekunst | Operations Manager

Want your event here? Email *calendar@thetartan.org*.



percussion extravaganza.



Abbinay Gautam | Photo Editor

Last Wednesday evening, the College of Fine Arts hosted the musical event Percussion Extravaganza at 6:30 p.m. in CFA's Great Hall. Audience members enjoyed the mellifluous sounds of Carnegie Mellon students as they trickle in before the start of the event.