

CMU receives large donation, raises tuition by 10 percent



Photo courtesy of danmachold, The Told, thefer via flickr., photo illustration courtesy of Emily Dobler/Staff Photographer

WILL PENMAN
Broke Ph.D. Student

School officials announced Monday that alumnus Turd Ferguson will endow Carnegie Mellon with an unprecedented \$900 million donation. This closely follows William S. Dietrich's \$265 million contribution in September 2011. Ferguson's donation is the largest single gift to higher education in history, nearly doubling Carnegie Mellon's current endowment. The gift will be used to fund tuition increases.

"We're very thankful for Ferguson," university President Jared Cohon said in a

press release. "Without his contribution, we would not be able to fund an increase in student tuition. This donation serves to show that Carnegie Mellon is a quality institution, though. Our sticker price can now be adjusted upward to reflect that."

Cohon noted that after Dietrich's contribution, which was the seventh-largest single contribution in history, Carnegie Mellon was only going to raise tuition 4 percent per year. "Put up a few plaques, give out some mini-blankets — done," Cohon said. "The rest of the Dietrich money was earmarked for tuition increases."

Monday's announcement, however, changed the plan for the next few years. "When we heard the good news, we immediately commissioned a group to study whether we could increase tuition again," Cohon said. "The number they've returned with is something we're pleased to present to the student body. The cost of attendance at Carnegie Mellon will increase 10 percent in fall 2013."

Cohon's announcement was well received by Cohon supporters.

Martha Chastity, former head of financial aid, lavished praise on the gift. "Things are pretty tight around here," she

said. "The way some schools want better education, that's how much we've wanted a tuition increase. And now we can have it. This gift gives us the money to pay for tuition increases for the next several years. We can reprint our brochures to reflect a new cost of attendance, change the website, retrain our financial advisers. We may even be able to hire some new accountants to deal with our increased income."

Chastity announced that Carnegie Mellon will restructure the whole financial aid department to reduce

See **TUITION**, A3

CFA, Starbucks announce job placement program

PATRICK HOSKINS
Smug Computer Scientist

With the national unemployment rate hovering around 8 percent, college graduates face an increasingly unfriendly job market — none more so than arts graduates, who are nearly all unemployed.

To stem the flow of unemployed graduates, the College of Fine Arts (CFA)

Lassiter went on to cite several other reasons Starbucks has long employed Carnegie Mellon alumni, specifically mentioned the superior attitude and general incompetence the graduates display that has long been critical to Starbucks' success.

Senior art major Morgan DelRoy was excited for the news. "I think it's great that they're hiring so many new grads. My parents said if I

"I don't give two s** what those kids do, so long as they keep the alumni donations pouring in. Mama needs a new pair of shoes."**

—*Martha Kidderman*,
CFA Dean

reached out to the largest single employer of its alumni: Starbucks. "Starbucks has always employed a large number of our alumni, so working with them to employ our new grads was a logical choice. Someone needs to make those fancy shapes in customers' lattes, and there's no better preparation than four years at CMU," explained CFA Dean Martha Kidderman.

Though initially skeptical of the deal, Starbucks has since wholeheartedly agreed to it. "What's great is that none of these kids knows the value of a dollar, so we can pay them cents on the dollar," Starbucks CEO John Lassiter said. "I mean, they're all being given money by their parents anyway."

didn't get a job they'd cut me off, so I'll just work here until I have my big gallery opening. Once people see my paintings I'll be set. Then I can keep living the bohemian lifestyle I deserve," he explained.

Other students were not so excited. "This whole thing is insulting to us artists. We don't need money! We don't need jobs! We just need our art and our emotion! The world is our canvas!" sophomore art major Lana Adams said via email from the \$3,000 laptop her parents bought her.

When addressed with student complaints, Kidderman replied, "I don't give two s**** what those kids do, so long as they keep the alumni donations pouring in. Momma needs a new pair of shoes."

President Cohon calls for more attractive student body

ANGELA VERTUCCI
Left CMU, was too attractive

In a recent proposal to the university's Board of Trustees, President Jared Cohon called for aggressive policy to increase the Aggregate Physical Appeal Score (APAS) of the student population.

Cohon, himself a man of demure countenance and exceptional physicality, is disconcerted by Carnegie Mellon's placement in the bottom tier of *U.S. News'* 2013 college APAS rankings.

He worries that despite the university's prestigious academic reputation and status as an outstanding research institution, its sub-subpar APAS score will detract from

its overall image.

"I expected to be beat by all the state schools with their Division-I football players, but those every school in the Ivy League got us too," he said.

APAS scores are calculated based on four factors for a given population. These factors include natural beauty, hygiene, fashion, and cosmetic maintenance — serious problem areas for the average Carnegie Mellon student. To significantly increase the university's score, Cohon and incoming university President Subra Suresh will have to contrive a multifaceted plan of action that addresses each of the four areas.

"Look, you'll never see attractive people sporting ste-

ampunk. And *Legend of Zelda* is fine when confined to the hours of your sad Friday night. If it's on your T-shirt, however, it's a problem. But CMU students just don't care about their appearance," Cohon said.

Cohon shared that he wants to reallocate funds currently used to stock the campus with free news publications to purchase magazines like *InStyle*, *Allure*, "and even *People*. 'If that Gosling kid is wearing it, then Jared, you should be too.' That's what I tell myself each morning," Cohon said.

Hygiene and cosmetic maintenance present more pressing issues. In an initiative similar to that which brought

students First Fridays (on the first Friday of every month, campus food venues offer different specials), the campus will begin what Cohon is calling Maintenance Mondays. Every Monday, Entropy will sell shampoo, body wash, hair care products, and deodorant at half price. For students in the School of Computer Science, the products will be free.

"The other day I was in Gates and a robot got in the elevator with me — asked me to let him off on the sixth floor. I thought, how can someone have the wherewithal to build this bot, but not wear deodorant?" Cohon said.

The most drastic piece of Cohon's proposal to the board

addresses the most difficult APAS factor: natural beauty. The president called for a complete restructuring of the admissions process to favor attractive applicants and to "cut down on all this ugly." He also petitioned the university for scholarship funds that would be granted to current aesthetically displeasing students willing to transfer out.

"We have to re-evaluate the way that we select students," Cohon explained. "I want headshots to be a required piece of the application. One frontal and at least one side. You may have scored a 2400 on the SAT, but, last I checked, SAT doesn't stand for Sex Appeal Test — so if you're snaggle-toothed, you're out."

The president pointed to alumni from the School of Drama as representative of his vision for the future: "That tasty cake, Ian Harding — you know, the cradle-robbing English teacher on *Pretty Little Liars* — he's a CMU alumni. Ted Danson too. Great hair. Athletic build. We need more incoming students like them to bolster our image."

As a final part of Cohon's proposal, the School of Drama would be expanded (at the expense of the other schools) to allow for greater admittance of acting majors. "I may be an idealist, but Suresh and I know what this school needs," he said. "We can do better than this. We can look better than this."



Photos courtesy of lewishamdreamer, My Blue Van via flickr, file photo by Jonathan Carreon/Contributing Editor

FEATURE PHOTOS

Dietrich’s ghost rescinds donation



Photo illustrations courtesy of Kelsey Scott/Operations Manager

Obama comes to Pittsburgh, again



Photo illustrations courtesy of Celia Ludwinski, Kate Groschner/Photo Editor

Campus Crime & Incident Reports

Bicycle Theft

March 23, 2013

University Police were notified that a bicycle was stolen from the Merson Courtyard. Upon arrival, officers questioned the owner, who described the bicycle as a “minimalist-looking fixie with retro — but still cutting-edge — cruiser handlebars.” The bicycle also has a basket on its front that contained mustache wax, a navy beanie, and a pack of Marlboro cigarettes at the time of the theft. Officers are currently scouring CFA for the stolen bicycle.

Disorderly Conduct

March 23, 2013

University Police responded to the Residence on Fifth for a report of a first-year student fighting with another

first-year. Upon arrival, officers found that the student was having a slight allergic reaction to oregano, which he had bought from the second student. The second student admitted that he sold it under the guise of marijuana. Both students will be cited for disorderly conduct.

Disorderly Conduct

March 25, 2013

University Police responded to the IM Field for a report of a fight between the Carnegie Mellon Quidditch Team and members of the LARP club. Officers ascertained that a fight had broken out because the field had been double-booked. Two students, dressed as Voldemort and Conan the Warrior respectively, had to be detained due to wand and sword fighting.

Harassment

March 25, 2013

A pair of students tabling for a sexual harassment seminar was cited for sexual harassment. The students were hooting and hollering at passer-bys, running up to people and pouring water on them, and then giving them a poster saying “If you’ve ever experienced sexual harassment, come to the Sexual Harassment Seminar.” University Police say the students thought they were being ironic.

Suspicious Person

March 26, 2013

There was a report of a suspicious person, allegedly a student, closely following a university employee walking the scotty dogs. The employee phoned the University Police

saying the student had a knife and fork in hand and was blowing a dog whistle. Upon arrival, officers found no trace of the student save for a crumpled-up recipe for stewed dog.

Public Intoxication

March 27, 2013

Officers patrolling through campus in the early morning observed a student sleeping in the nude on one of the Walking to the Sky figures. Officers woke the student, who was found to be intoxicated and who could not remember how he had climbed up the sculpture. After the student refused to come down and started inappropriately touching the figurine, officers erected a ladder, used a stun gun to disable him, and brought him down. He was issued two citations.

NEWS IN BRIEF

Tartans Primarily found in trash cans

A new Tartan distribution study reveals that copies of The Tartan are primarily found in trash cans around Carnegie Mellon’s campus. This is the conclusion of an extensive, year-long inquiry into the reading habits of The Tartan’s readers.

The Tartan is committed to being relevant to its readers, and these results will be used to guide future Tartan distribution points. “We may just start by putting them in the trash,” Jennifer Coloma, publisher of The Tartan, said.

Others were less focused on a interpreting the results and more on how surprising the results were themselves. “You mean people take them off the racks?” editor-in-chief Josh Smith exclaimed. “Every time I walk past the stack of untouched copies at the front of Baker I shudder and think,

‘what have we done?’” Matt Hesler, senior business major and coordinator for the study, explains that The Tartan has a special power to draw people in. “Apparently people are compelled to actually pick up a copy of The Tartan just to toss it in the trash,” he said. “We see no evidence that they’ve even opened it.”

Trash cans were not the only place copies of The Tartan were found. Less popular points of distribution were bathroom floors, papier-mâché projects, student bonfires, and administrators’ offices. “I read The New York Times and I read The Tartan,” director of student services Justine Hess proudly said. “I think it’s important to hear what all of the students have to say.”

Dutch give it to Pittsburgh, all day long

Gerald Hans, the Dutch Minister for Foreign Affairs, will be paying a visit to Pittsburgh on behalf of the Danish government. The visit is in part the result of the sister-city program being launched to encourage an intimate relationship between Amsterdam and Pittsburgh.

“As sister cities it’s important that we be close, very close,” said Allegheny County Councilman Louis Brodowsky during his visit to Amsterdam as he bent before the Queen. “There’s so much in a fluid relationship like this to exchange, and while we don’t want to be accused of being too eager to jump into bed with each other, I think we’d be really hard pressed to not

take this opportunity to relieve some of the pressure we have as a result of today’s economy.”

Hans says that Brodowsky was too kind, having “an understanding of such affairs on par with Clinton’s secretary [sic].” The minister also said that he’s very excited by the softly rolling hills and valleys of this exciting region. He particularly looks forward to his first opportunity on top of a nice piece of topography for a while. “Holland is a low, low, low country. Being above the level of most sea men will be a pleasant change, although I’ll miss the smell of salt in the air.”

Compiled by WILL PENMAN, JUSTIN MCGOWN

WEATHER



TUESDAY

High / Low
38 / 29



WEDNESDAY

High / Low
96 / 84



THURSDAY

High / Low
-20/ -16



FRIDAY

High / Low
103 / 92



SATURDAY

High / Low
-56 / -459.67



SUNDAY

High / Low
451 / 372

Corrections & Clarifications

The article “Cohon attacked by gaggle of racist hillbillies” (News, March 27) incorrectly claims that President Jared Cohon is a woman. He is, in fact, a man. Additionally, the gaggle in question request that they be identified as “white supremacists;” they find the term “racist” offensive.

The events described in the article “Several serenading sirens seduce science students” (News, March 19) did not come to pass. We apologize for the confusion. The MCS men featured in the article remain virgins.

The photograph in “Beautiful woman exposes herself on campus” (Pillbox, Feb. 1) was heavily pixelated due to a printing error. We apologize for the mistake. An uncensored version is available online.

The women featured in the article “Women in your area want you” (News, March 3) do not actually want you. We apologize for the fleeting sense of hope it may have inspired.

We are issuing a retraction for the article “Student Senate seat of scumbags” (Forum, March 7). The Student Senate is filled with amazing, dedicated people who shine a blazing light of leadership over the entire campus. Please don’t cut our budget.

If you would like to submit a correction or clarification, reconsider what you’re doing with your life. If you’re still unsatisfied, please email The Tartan at news@thetartan.org or editor@thetartan.org with your inquiry, as well as a list of all the things you’ve done wrong with your life that has led to you angrily emailing a college newspaper. We will print the correction or clarification in the next print issue and publish it online while wondering what drives one to make such pointless decisions. We’ll then mourn our own irrelevancy over the bottle of scotch kept in the editor-in-chief’s desk.



Compiled by PATRICK HOSKINS

CMU opens eight new campuses, expands through alphabet

WILL PENMAN
Gets off on close analyses

Following Carnegie Mellon's expansion from Pittsburgh (CMU-P) to Qatar in 2008 (CMU-Q) and Rwanda last year (CMU-R), the university has announced eight more campuses.

Campuses in Sweden (CMU-S), Turkmenistan (CMU-T), Uruguay (CMU-U), Vanuatu (CMU-V), Wilkinsburg (CMU-W), Xainza (CMU-X), Yugoslavia (CMU-Y), and New Zealand (CMU-Z) will open in the fall semester.

Carnegie Mellon will now have campuses on every inhabited continent, a first for any school. "This expands our global academic footprint," President Jared Cohon said in a press conference. "A few years ago when we started expanding, we realized that it was much more fun to spread than to stick to doing what's best for our students. There are native people to help and oppressive regimes to contribute to all over the world."

Cohon pointed to the troubled history of Turkmenistan as an example. "A few years ago people would've thought it was crazy to open a campus in Turkmenistan. People only know Kazakhstan is a country because of that *Borat* movie, and half of them think it was made up. Turkmenistan takes their neighbor to the north and raises them one in craziness. Until 2006 their leader was a man who declared himself 'President for Life' and started broadcasts by pledging that the broadcaster's tongue would shrivel if he slandered the country."



Photo courtesy of kcp4911 via flickr (probably), photo illustration by **Kate Groschner**/Photo Editor

"Even worse, Turkmenistan commits terrible human rights violations and is one of the 10 most censored countries in the world. That's a tough sell," Cohon continued, "but after we opened a campus in Rwanda, where genocidal attacks occurred in the last 15 years and many consider the current leader to be a despot — well, Turkmenistan didn't seem like a bad choice. But now that we've spread into the country, we can finally straighten them out. We're looking forward to being such a positive influence on the native people."

When asked specifically about human rights violations in Turkmenistan, program director Bruce Little replied by email, "We are confident that Carnegie

Mellon University in Turkmenistan will prepare students to become innovators and leaders in the information revolution that is transforming Turkmenistan and Central Asia."

The other new campuses were chosen with particular attention to their natural characteristics. "Dave [Turner, Vice Provost] loves Swedish Fish," Cohon said. "Plus, those socialists need to learn a thing or two about good old-fashioned American capitalism! It's what's made our country great, and theirs objectively better."

CMU-Y, in Yugoslavia, has been criticized for not being placed in a real country. "We did hear that technically Yugoslavia has been broken up into other countries," Cohon admitted. "But techni-

cal matters are our forte at CMU, and we weren't going to let local politics get in the way of our ambition. Look, we may not know anything about the area, but we're sure that we can make a positive difference."

Carnegie Mellon will establish and operate a master's degree program in experimental geology in Vanuatu. "It's a small island and we'll be having classes in how to detect earthquakes," program director Burt Reynolds said. "We are pleased to bring our expertise in mounting international programs and our culture of innovation to Vanuatu and to contribute to the country's emergence as a regional earthquake hub."

Faculty and students are already enrolling in spring

break Vanuatu courses, on-site at Vanuatu beaches.

Students who do not get accepted to Vanuatu may have to fall back to the New Zealand campus. "New Zealand's pretty much considered a developed country, so it didn't seem like there was much reason for us to go there," Cohon said. "Then I remembered they filmed all those *Lord of the Rings* documentaries there, and I knew we had to go. That Sauron's no joke, and I think Gondor's going to need some good engineers to take them out. Can't rely on Legolas to do everything."

"Hey, if we're really being honest here," continued Cohon, "I didn't even know what this Xainza place was. But I figured that means it can't be that important, so

they probably don't have any schools. And I said 'Jay, sounds to me like those people need some education,' I says. Wouldn't you know it, I was right. Turns out it's in Tibet. That right there's the perfect level of developing country and oppressive dictatorship with lots of money we look for when we want to expand our footprint. Those people need our help, and we need their money."

Most impressive in the series of announcements is Carnegie Mellon's daring foray into the Pittsburgh suburb of Wilkinsburg. "It's a dangerous place, but we know that the local people need our help. If we can help the poor people in Rwanda, we can help the poor people in Wilkinsburg," said program director Noel Zahler.

The borough of Wilkinsburg plans on raising taxes to fund Carnegie Mellon's expansion. Cohon said, "We have decided to accept Wilkinsburg's offer to pay us to locate there. We hope that this program creates some success in the region — otherwise, eventually governments will stop giving us money to establish such programs."

"It's a new model of education, research, and development," Cohon added.

Carnegie Mellon has no plans to open further campuses after this year. "Then again," Cohon concluded in the press conference, "we didn't plan to expand after Rwanda either. Maybe we'll find a city that starts with Greek letters and be able to expand more while still continuing our naming convention."

Dietrich College named CMU's Hufflepuff House

MADELYN GLYMOUR
Pottermore Player

In an unprecedented move, Dean of Dietrich College Mary Porter officially affiliated the college with Hufflepuff House.

"Given the historical similarities of our institutions, it only made sense," Porter said in the announcement on Thursday.

Porter pointed to both institutions' reputations as "catch-all" choices.

"At Hogwarts, if you're brave you go to Gryffindor; if you're smart you go to Ravenclaw; if you're evil you go to Slytherin; and if you're none of those things, well, Hufflepuff will take you anyway," Porter said. "Here at Carnegie Mellon, if you're good with computers you go to SCS, if you're good at acting you go to the School of Drama, and if you're evil you go to Tepper. And if you don't know what you're good at, then Dietrich is here for you."

Porter said that other Carnegie Mellon colleges

could benefit from House affiliations as well.

"You have to be pretty brave to go into CFA considering today's economy, so Gryffindor would be a great partner for the college. And God knows the CIT students are smart enough and self-contained enough to be Ravenclaws," Porter said.

Some Dietrich students, however, say that the affiliation with Hufflepuff is ill suited.

"It's nonsense," said senior undeclared Dietrich student Ronald Nielsen. "We couldn't be less like Hufflepuff. The Sorting Hat thinks you might belong in Hufflepuff if you're just and loyal, patient and true, and unafraid of toil."

"I'm sure there are a lot of just and loyal people in Dietrich," Nielsen continued. "And I'd be willing to bet there a lot of true ones, too. But every Dietrich student I've ever met has been very afraid of toil."

The Head of Hufflepuff House could not be reached for comment.



Photos courtesy of Island 2000 Trust Conservation (Gift To Nature), WELS.net
The new Dietrich mascot, an unfulfilled badger — just like Hufflepuff!

Student has sexual intercourse and lives

WILLIAM PARK
Is a size 13

One reason students are attracted to Carnegie Mellon can be highlighted by the popular phrase — "Sex kills. Come to CMU and live forever."

Campus tour guides might need to reconsider using this slogan.

On March 22, sophomore mechanical engineering major Steve Kauffman engaged in sexual intercourse with May Peterson, a sophomore psychology major. Both have lived to tell the tale.

Though fornication is often thought of as two people giving in to their bodily temptations, theirs was not the case. Rather, sex was the product of their intellectual curiosities. For Kauffman, coitus presented an opportunity to further explore his knowledge of fluid mechanics, while Peterson wished to test Freud's psychosexual theory.

So when Peterson knocked on Kauffman's Fairfax apartment explaining her wishes, he was "more than game." "It really solidified my classroom knowledge and helped me ace my midterm," Kauffman said.

On the other hand, Peterson has seemed more ambivalent. "I couldn't really feel anything — emotionally and physically. Maybe what they say about shoe size is true." Kauffman reportedly wears a

size seven.

As with any historic event, there are skeptics and critics. Close friends of Kauffman have claimed that though he is very much alive, his personality has completely altered since the night he lost his virginity.

"He can't stop singing Celine Dion and has written dozens of love poems that he stacks on his desk," said sophomore Chris Swiger, Kauffman's best friend and roommate. Some students even claimed to have seen someone

looking like Kauffman mummbling to himself outside Peterson's apartment.

Many students are curious to see the fates of these two students. Should Kauffman return to his normal self, more students might be interested in making time in their busy schedules for sex.

"I'm definitely interested [in sex]. I just didn't believe it was possible to survive," said junior Harry Silbert. "I mean, I pass out every time I masturbate.... That's not normal?"

University officials have yet to release any statement regarding student sex. Many professors, however, have issued more homework and quizzes in the past weeks. One can only wonder if this is a ploy by the university to overwork students so that they don't even have time to think about sex.

When asked to comment, professor of computer science Norman Schmidt said, "Don't you know you have a midterm tomorrow?"



Photo courtesy of nick see via flickr
Steve Kauffman celebrates his near-death experience, glad to live to see another day.

University claims it needs more money

TUITION, *from A1*

the money handed out. "We only have so much to spare," Chastity said.

Not everyone is pleased with the tuition increase, however. Future Director of Monetary Extraction Eric Soprano emphasizes that we will need many more donations if we want to break the nation's top 10 largest endowments, led by Harvard University.

"It's a step in the right direction," Soprano said. "But we should spend this money on getting other donations. Really wine and dine potential

donors. Buy a jet to fly donors to visit CMU, with a custom tunnel from the airport here, filled with bright pictures of our wealth and prosperity. That would be a wiser use of this money. Tuition increases will come naturally with time."

Administrators were unanimous with regard to direct changes to students' education. Such expenditures would be wasted on students. "Here today, gone tomorrow," Chastity explained. "Should we really spend money on fleeting things like individual students?"

"Even if you help them as freshmen, they're just going to graduate in four-to-five years," she said.

This sentiment was echoed by Soprano, who noted that direct benefits like library subscriptions and financial aid were overrated. "Our students are so resourceful," he said. "They always find a way to succeed. If we spend money to help them out now, we won't ever catch up to the Ivies."

For their part, students seem to have been pacified by more mini-blankets. "Oh my gosh, they're in red now!" junior economics major Sasha

Bernstein said. "If I borrow money from my friends maybe I can buy a needle and thread and sew this one together with the one I got for the Dietrich donation to make one whole blanket!"

Sophomore computer science major Hank Kaplan was more recalcitrant. When asked how he thought the donation would impact his education, he murmured, "I'll get it to you tomorrow. I'm almost done. I'm almost done."

Whatever the long-term results, Ferguson's donation is sure to usher in a new era at Carnegie Mellon.

House Republicans declare CMU abstinence program ‘too effective’



Rep. Eric Cantor demonstrating his proposed solution to the Carnegie Mellon sex deficit: vodka and the sight of his handsome mug.

PATRICK HOSKINS
Hottie with a Body

House leaders met today in Washington, D.C. in an emergency session to discuss an unusual issue in this post-election season: the sex lives of Carnegie Mellon students. Or, rather, the lack thereof. Republicans have long campaigned for abstinence-only sex education, but never imagined it would be as effective as it has been at Carnegie Mellon. “No one could have

dreamed so few people would be having sex. I mean, technically this is what we wanted, but it’s just kind of sad,” House Majority Leader Eric Cantor explained. Democrats were critical of the session. “What do you expect when you tell people not to do it?” House Minority Leader Nancy Pelosi said. “Either people keep having sex and pop out babies, or they actually take it to heart, and you have a bunch of depressed, sexually repressed 20-year-

olds walking around making those of us getting laid feel uncomfortable.” This emergency session was met with a substantial agreement on both sides of the aisle. It seems that the one thing Republicans and Democrats can agree on is that the sex lives of Carnegie Mellon students is pretty sad. However, this was news to University Health Services head Rhonda Perlman. “Abstinence campaign? What abstinence campaign? We do

everything in our power to get students laid. That’s why we hand out free condoms and spike the water fountains with vodka. Nothing seems to be working.” The Federal government thought they could do a better job. The session resulted in an emergency appropriations bill for \$10 million in alcohol and brown paper bags to be sent to Pittsburgh before the start of Carnival. “We can only pray they get there in time,” Cantor said.

Batman selected to speak at 2013 commencement

WILL PENMAN
Rocking Rhetorician
PATRICK HOSKINS
Batmanologist

Carnegie Mellon announced Friday that Batman will give the commencement address at this year’s graduation ceremony. “I’ve always had a strong connection to Pittsburgh,” Batman said via text message. “I’ve cleared out my schedule for graduation day and I’m happy to announce that I will address the student body.” President Jared Cohon was very eager to make the announcement, stating that “[Batman] is the speaker CMU deserves, although maybe not the one it needs right now. We may boo him for it, but he can take it. Because he’s not a speaker, he’s a talkative guardian, a well-watched lecturer, the Dark Orator.” Batman is expected to speak about overcoming adversity, following your dreams, and using your wealth to invest heavily in innovative technologies. “I would not be here today if I didn’t have a Batmobile,” he said, hinting at his commencement address. “What’s your ‘Batmobile’? Your computer? Your clothes? Your résumé? Once you make your Batmobile, they’ll never be able to take it away from you.” Batman also intends to talk

about the importance of lateral thinking. “One example of the value of lateral thinking is the time the Riddler gave me a fiendish riddle on a piece of paper. I knew ‘paper’ begins with ‘p,’ just like ‘penguin,’ and the Penguin carries an umbrella, which you use when it rains, which begins with ‘r.’ ‘R’ and ‘p’ are two letters, and they are two letters apart in the alphabet. Two times two is four, which led me to the Riddler’s hide-out in an apartment on Fourth Avenue.” Another important theme will be trusting in science and rational thinking. “You need to think clearly,” Batman explained, “unlike criminals. Criminals are a superstitious, cowardly lot. They plan and plot but they always get caught. Their evil schemes all come to naught.” Batman receives many requests to speak at graduations across the country, but all of them signal to him with a strong beam of light in the sky. This has become burdensome to Batman. “All of the lights! Cop lights, flashlights, spotlights, strobe lights, streetlights... all of the lights!” he said. “Just text me.” Texting has become Batman’s communication medium of choice since he realized that people rarely understand his gravelly voice. The text of Batman’s speech will be

simultaneously projected in English, Chinese, Korean, and Hindi during graduation. Batman was nominated to be the speaker by an overwhelming number of students. Second place, the trollface meme, may have received fewer votes because of an uncertainty in the seriousness of the speaker’s willingness to attend. Senior vocal performance major Melanie Brown was surprised that Carnegie Mellon actually asked Batman to speak. “I remember a few years ago we were asked to vote on what the mascot would be, and though the winner was Optimus Prime, the administration instead chose a scotty dog,” she said. “I’m just glad they didn’t choose someone equally lame to speak, like Aquaman.” Batman has been to Pittsburgh several times to spread awareness of his crime-fighting campaign. “I’ve also enjoyed Pamela’s,” Batman said. “Now there is a good break-fast. Not as good as justice, though, old chum.” Carnegie Mellon is compensating Batman for his considerable travel expenses from his home in Gotham City to Pittsburgh. But school officials consider the cost to be negligible compared to the anticipation of Batman’s speech. After all, as Batman texted, “I’m Batman.”



Batman, seen here practicing his speech. “I took some inspiration from *Scared Straight*,” he said.

Missing student lost on Gates helix for five days

JOSH SMITH
Mad with Power

After five days of search-and-rescue efforts, missing first-year Alex Reiser was found hungry and severely dehydrated on the Gates Hillman Complex helix. Rescuers believe the mechanical engineering major had spent those five days lost and disoriented after mistakenly walking onto the

Green, a University Police officer. After rehabilitation, Reiser recounted his time on the helix. “The first day was spent constantly climbing the helix. I just kept thinking that, any minute now, I’ll reach the top.” Reiser spent the morning of the second day calling out for help, but his efforts were in vain. “The frustration of seeing people rushing to classes on the other side of the glass walls, but not being able to get their attention, almost broke me,” Reiser said. Reiser later collapsed from exhaustion, and awoke when found by campus police one-third of the way up the helix. There were deep gashes up Reiser’s left leg, presumably inflicted by a roving pack of feral dogs. While the campus is thrilled by the news of his rescue, Green sees this whole ordeal as an opportunity to reform how the campus community views the Gates Hillman Complex helix. “We need to better inform students and faculty to avoid the helix unless they are well equipped and have extensive survival training.” Reiser, however, will not let this experience daunt him. “The helix beat me this time, but I want to face it again, on my own terms,” he said. “I’m going to work my way up from easier slopes, hire a sherpa, and bring oxygen. I’ll not be beaten by Mr. Gates!”

“I just kept thinking that, any minute now, I’ll reach the top.”

—Alex Reiser, First-year

helix ramp. Reiser was reported missing on Thursday by his roommate Justin Daniels, first-year chemical engineering major. “He had a 15-110 lecture Wednesday morning in Gates, so when he wasn’t back by Thursday night, I just felt something was wrong,” Daniels said. Reiser had inadvertently proceeded up the helix after the lecture, instead of taking the stairs. “While upperclassmen are well aware of the dangers present in travelling on the helix, first-years and new students are uninformed,” said Tim

No one mourns booth collapse



The scene of the tragic booth collapse outside sorority Kappa Alpha Theta.

PATRICK HOSKINS
Yeah I wrote this one too

The Kappa Alpha Theta house was the scene of tragedy today, when the sorority’s shoddily constructed Carnival booth collapsed, injuring six girls. The campus response was a resounding “meh.” The collapse occurred after sophomore vocal performance major Tracy Henderson attempted to add “more flair” to the eastern side of the booth. Already leaning at a dangerous 22-degree angle, the flair she added was too much for the booth, causing the collapse. “Frankly, I’m not surprised it happened. I’m surprised it lasted as long as it did,” said junior civil engineering major Kurt Laurie. “They should have focused more on making sure the booth had some

structural integrity, maybe by recruiting more CivE girls to work on it.” Students walking on the Greek quad at the time kept walking. Sophomore Kappa Kappa Gamma member Christie Linklater said, “We’ve had a betting pool going for a while now about when their booth would collapse. I’m set to win 100 bucks!” Despite others’ apathy and excitement, Theta responded to the collapse with the appropriate decorum. As the dust settled, members raced to whip out their phones and post consoling words on the injured women’s Facebook pages. Junior Heather Kim currently has the greatest character-to-like ratio with her post “:(” on Henderson’s wall getting 237 likes. First-year Kasey Angles is a far second, with her post “Oh no!”

sitting at 312 likes. First responders believe that, had the girls acted to save their friends, many of them would have avoided major injuries. Still, members maintain that a hospital stay is nothing compared to good vibes and Facebook attention. In wake of the incident, the administration plans on continuing with business as usual. “There is no need to alter a grand Carnegie Mellon condition just because a few people sustained minor injuries, and a few more are hospitalized,” said Student Activities Coordinator Duke Laughlin. “This fits very nicely with our master plan to force Greek life out of the school.” Theta plans to regroup and rebuild, dedicating its new booth to their fallen comrades. “This will get us a medal for sure!” Kim said.

Frezza myth keeps mystifying students

PATRICK HOSKINS
PHI Frequenter

Students this week were shocked to hear about the return of Frezza to campus today. A man shrouded in myth, known only through graffiti on the bathroom walls at Panther Hollow Inn (better known as PHI), Frezza has mystified generations of Carnegie Mellon students.

Senior Ashley Garrett, a PHI regular, recounted what he knew of Frezza, saying, “I heard he can chug a pitcher of beer while wiring a bread-board. He built a robot that runs on alcohol and was the basis for Bender from *Futurama*.”

Junior Carlos Giralt disagreed, claiming Frezza was in fact an art student. “Frezza was the one that came up with the idea for Lobster Man, while doing Irish car bombs here on a Tuesday night. He got a grant to pay for his bar tab by showing it was all a performance art

piece. Professors could do nothing during his critiques except weep at their own irrelevance.”

“That’s a load of horse rubbish,” said physics professor Kurt Langstrom. “One of my colleagues taught young Frezza. Was forced to give him an A after he came up with a new beer bong design that let you drink it twice as fast. Boy was a master of fluid dynamics. Came by all the time for physics PHI-day, back when I was a young adjunct.”

Soon, Frezza found his way back to his ancestral haunt in PHI. Perched on a stool with a pitcher of beer in one hand and a pitcher of shots in the other, he confirmed all the myths. “I’m the rip-roarin-est, rootin-tootin-est, drinkin-est, engineerin-est, artin-est, sonuvab**** to ever walk through these doors. I’ll outdrink you, outdraw you, outthink you, and seduce you. And yes, I do wear a blazer.”

Drama school to admit straight actors

EVAN KAHN
Uplight Copy Editor

Cedar Pooke, head of Carnegie Mellon’s School of Drama, released a statement last Wednesday that sent tremors through the entire department: The school will be giving preference to straight male students for the upcoming fall 2012 semester.

“This is not a purely executive decision on my part,” Pooke said apologetically “It’s part of a larger university-wide effort to increase diversity and improve our college rankings to show up those Ivy Leaguers.”

Carnegie Mellon will be the second American drama school to implement such an admittance policy, the first being Yale’s School of Drama. President Jared Cohon explained, “When we learned an Ivy League school was doing it, we had to do it too.”

One straight male student, who requested not to be identified, is looking forward to the implementation of the new admittance policy.

“Now they’ll see that we’re

just as good as they are,” the student said. “I’ve only been able to come out as straight to my best drama friends. There’s a stigma about it here, and I just feel self-conscious with everyone looking at me like I have a disease. It’s much easier to just gush about one of Angel’s monologues from *Rent*. But you know what? I just want to be de Niro. I can’t stand musicals.”

Most of the School of Drama’s faculty, however, seemed rather nonplussed about admitting more straight men, and a significant faction deemed the move harmful to the program.

“I don’t mean to be offensive — I have a straight friend — but gay men are much better on stage than those straights,” said associate dance professor Velma Kelly. “They aren’t so stiff all the time, and they tend to be much louder. And better looking.”

There is no written policy for accepting students of certain sexual orientations to Carnegie Mellon’s School of Drama; the only collegiate in-

stitution that has any restriction is the Julliard School, which requires that all male dance and theater majors identify as either gay or bisexual. Those who identify as pansexual or any other abstract sexual orientation, or decline to identify, are not admitted and are sent an email

“I just want to be de Niro. I can’t stand musicals.”

—Unidentified Straight Student, Drama Major

recommending that they apply to a liberal arts institution.

“We never ask a student’s sexual orientation upon audition, nor at any subsequent time,” said professor of acting Moonrise Fitzgerald. “However, I admit that we do tend to accept students who come off as more... flamboyant than

others. At least if a male student comes out as straight after we admit him, well, we don’t kick him out. Some schools would do so.”

Some drama students, while not overtly opposed to the new admittance policy, fear for their own livelihood in the program. “I can see where the president is coming from,” admitted first-year dramaturgy student Stephen Twinkson. “I like affirmative action — I just don’t like when it keeps good gay people like me from getting into places.”

“I have to kiss guys in plays,” junior acting major Angela Thurston said. “Can you imagine if they actually liked me? Gross! It’s so unnatural.”

There is a significant faction of drama students, however, that plans to take the Cut by force to protest the policy. Frankie Smithers, a senior acting major, is spearheading this effort.

He gave only one comment, directed at Cohon and his board of trustees. “What are you doing?” he said. “What, what, what are you doing?”

Animal Control announces new program to catch untamed bros in Oakland

PATRICK HOSKINS
Running out of titles

Rampant bros have been an increasingly dangerous threat to the Carnegie Mellon community in recent years, littering the streets with empty Natty cans and hogging the machines in the weight room. The Pittsburgh Bureau of Animal Care & Control hopes to rectify this problem with its new bro-catching program.

Bros were not always a problem on campus; they use to stick to their native Pitt and Oakland neighborhoods. However, they have been spreading at an increasing rate, infesting several celebrated Carnegie Mellon fraternities. The infestation has even spread into Beeler Street.

This spread spurred countless calls to Animal Control, prompting them to institute the new program. “We aim to serve the needs of the community,” explained Animal Control spokesman Chad Jones, “and what the community needs right now is this bro problem taken care of.”

The program has been adapted from previous successful dog-catching programs. When Animal Control receives enough complaints from a neighborhood, it will send a bro-catcher out the investigate. The catcher will then set up several bro-lures, usually consisting of a beer pong table or some Red Bull cases. “The bros find these irresistible,” Jones explained. “Once their attention is on the game or chugging Red Bulls, it’s easy enough to bag ‘em and tag ‘em.”



Two bros successfully captured under the new initiative. They will be taken to a pound until they are adopted.

After being wrangled by a bro-catcher, the bros are taken to a newly built pound. Once there, the bros can be adopted into a loving fraternity, which will hopefully reform them and integrate them into normal society.

“We believe reformation will be a great success,” Jones said. “I myself am an example of a reformed bro. You wouldn’t even know I was one were it not for my first name, ‘Chad.’”

The pound features all the amenities bros find necessary to survive, including a daily Natural Light ration, pong tables, and an Xbox featuring *Call of Duty* and *Madden*. In this way, Animal Control

hopes to keep them safe until they are adopted or, should the pound be too full, put down. “Sadly, we are not a no-kill shelter,” Jones said. “If we’re too full, or if some bros are just unadoptable, we have to put them down. It’s tragic, but better for the community as a whole.”

Members of the community were ecstatic about the program. “My street is crawling with bros. They’re always digging through my trash and trying to convince me to shotgun beer,” said Beeler resident Alan Folds. “I’m going to put the hotline on speed dial. The next time I see so much as a pong ball rolling down the street, I’ll call. This menace

must be stopped!”

Bros, however, were not so enthusiastic about the program. “This is, like, another way The Man is trying to keep us down, you feel me? We have a perfectly acceptable lifestyle, but they’re trying to outlaw us,” said noted bro Lance Chesterfield. “What’s wrong with wanting to party? With playing pong and pounding Natty? Y’all just jealous of my fly popped collar.”

Should you see any bros in your neighborhood, the dedicated bro hotline can be reached at 412-FREE-NATTY (Animal Control hopes some bros will accidentally report themselves). Operators are standing by.

OS course revealed to be performance art piece

PATRICK HOSKINS
Mediocre CS Major

Today, the infamous computer science class 15-410 Operating System Design and Implementation revealed it was not a real class at all, but is instead a performance art project designed to demonstrate the futility of hard work.

The class, which tasks students with creating a Linux kernel over the course of one semester, is notorious around campus for the long work hours, low grades, and emotional strain it places on its students — as was intended by professor David Eckhardt, or as he is actually known, Swedish artist Börje Åström.

Åström is a professor in the College of Fine Arts, but through close cooperation with the School of Computer Science, he was able to pass himself off as a computer science professor. “It was actually quite simple. I merely had to doff my customary beret and thick-rimmed glasses, and the transformation was complete,” he explained. “All I had to do was mumble some stuff about pages and threads, and the students would nod in agreement. It’s not like they knew anything either.”

Students’ reactions were widespread. “I can’t believe this,” said computer science junior Jeremy Odenkirk. “You mean all those hours of hard work — for nothing? All those skills I learned were

meaningless? But I thought they would all apply directly to a job! So much wasted time! I missed my grandmother’s funeral!”

Computer science senior Bobby Deserati was relieved. “I’m just glad to know that it was all meaningless. Now I don’t feel like such an idiot for never getting P3 working. I am smart. This was just designed to make me fail. I hope 251 is an art project too.”

In CFA, Åström’s work was rapturously received. “It’s just such a groundbreaking piece. He actually got people to work themselves to death with no hope of success. It’s astounding how long people will keep banging their heads against the wall because they think there’s a reason for it,” sophomore art major John Hatcher explained, whose last performance art piece involved drinking his own urine.

Still, in light of the controversy surrounding the piece, the art department agreed to create ethical guidelines for future performance art pieces, limiting student suffering to “Milgram-esque levels.”

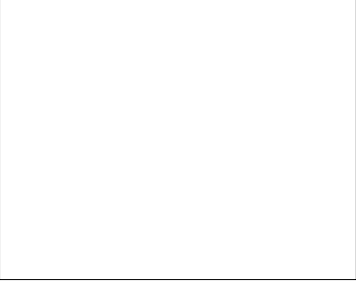
Åström will be giving a lecture Sunday at 7 p.m. in Kresge Theatre, where he will relate some of his experiences on the project. Of special interest is his section on those that managed to actually succeed in OS, to which Åström could only respond, “They should have spent their time trying to get laid.”

A PERSON’S OPINION

Compiled by Justin McGown

The Tartan is feeling particularly sexy today. So we asked,

Will you sleep with me?



Amanda Sharma
ECE
Junior

“No.”



Madeleine Stern
Economics/Statistics
First-year

“Lord no.”



Nick Swanson
Creative Writing
Graduate student

“I just threw up a little.”



Bartleby Jones
Computer Science
Senior

“I’d prefer not to.”



My Hand
Biology
Sophomore

“Yes.”



Science & Technology

Corbett to replace PAT with rickshaws



A prototype of the proposed rickshaw as it prepares to work on of the more popular bus routes.

Photos by pat via flickr, Nemo's great uncle

JOSH SMITH
Extremely Tall

Governor Tom Corbett (R-Pa.) announced plans to replace the soon-to-be-cut Port Authority bus routes with a new rickshaw service for the city of Pittsburgh last Thursday. The proposal — originally suggested by fifth-year materials science and engineering and biomedical engineering double major Matthew Biegler — was independently constructed by Corbett’s staff. The announcement comes after months of public concern over a dramatic reduction in bus service to become effective Sept. 2, 2013.

“This is an opportunity to implement new initiatives to save a struggling transit sys-

tem,” Corbett said. “With rickshaws, the Port Authority of Allegheny County will finally be able to pull its own weight.”

Corbett summarized the proposal, with rickshaws and other small wooden pull carts being phased into the transit system throughout the summer. “[The rickshaws] will replace buses on the 46 routes previously scheduled for elimination, addressing the need for transit in these areas,” Corbett said. “We aim to fully integrate the carts into the system by early September, in time for the return of the Pittsburgh student population. It may be a long process, but we just need to keep putting one foot in front of the other.”

According to Corbett, the proposed rickshaw service

is the collaborative effort of state legislation and the Port Authority Planning and Development Committee. Port Authority CEO Steve Bland expressed his excitement for the proposal in a statement.

“With a \$64 million deficit, it’s imperative that we find cost-effective solutions while continuing to meet the transit needs of Pittsburgh,” Bland said. “For years we have been looking to Harrisburg to address the flaws of how Pennsylvania funds transit. It feels now that we’re finally taking a step in the right direction.”

Bland addressed concerns about travel times, specifically for the already hour-long 28X route. Travelers should now expect a five-hour trip, but Bland was sure that the

improved rickshaw system would not face the typical delays of a bus trip, “so the total travel time is about the same.”

Due to concerns from current bus drivers, Bland has agreed to institute mandatory weighings of all passengers to keep the total rickshaw weight below 500 pounds. “While we recognize that weight discrimination is a growing problem, we believe the cost savings to the employee health plan make this a requirement. Chiropractors are expensive.”

Corbett attempted to address many additional concerns that the plan raised. “While we realize that Pittsburgh’s infamous hills may prove troublesome for rickshaw pullers, uh...” he said. “Next question.”

Von Ahn sneezes, Google buys tissue for \$100 million

DANIEL TKACIK
Farmer, Plaid Enthusiast

Google paid \$100 million yesterday for a tissue allegedly used by Carnegie Mellon computer science professor Luis von Ahn, who is most widely known as the founder and creator of the reCAPTCHA Internet application.

“When we received numerous reports that the tissue had been placed in a canister outside of von Ahn’s office, we had to act quickly,” Google CEO Larry Page told the Associated Press.

Von Ahn’s reCAPTCHA, an online application used to verify that a user is not an Internet bot, brought von Ahn to prominence in the mid-2000s. Google acquired the application from von Ahn in 2009, and the service is now used on popular sites such as Facebook, Ticketmaster, and Twitter.

Von Ahn will take the rest of the year off to work with Google on developing appli-

cations for his used tissues. One possibility is an integration into the Google+ social network. “It’s part of a long-term strategy. We’ll use Facebook to promote von Ahn’s work, and when people see what he has made everyone will join Google+,” Page said.

Many speculate that the tissue may eventually be sent out to the Scotland-based Roslin Institute, which in 1996 cloned the first mammal—the female sheep “Dolly.”

Google’s co-founder, Sergey Brin, declined to comment.

Prior to Google’s acquisition of the tissue, rumors had been circulating around the Carnegie Mellon community that the tissue was actually placed in the canister by a passing student, according to the *Pittsburgh Post-Gazette*.

“We acknowledge the rumors, but they’re probably not true,” Page said. “Better safe than sorry.”



Nicole Hamilton/Staff Photographer
The \$100 million tissue, moments before its Google purchase. Google has not announced what it plans to do with it.

Shop owner finds Android tablets sell better as ‘broken iPads’

WILL PENMAN
Juggler by Night

Marcus Abernathy, 22-year owner of Abernathy Electronics in Squirrel Hill, made a real discovery last month: No one wants Android tablets, but they’ll pay good money for a “broken iPad.”

“I’m always adjusting the layout of my store,” Abernathy said. “I’m kind of a scientist that way. Setting the VCRs above the TVs, or with the Walkmans, or putting the Microsoft Zunes with the record players — applying the scientific method to see what’s best for sales.”

Abernathy finds his experiments can affect sales by almost 10 percent. On April 14, however, Abernathy made the discovery of his career.

“It happened by accident, really,” he said. “I had all these Android tablets and I hadn’t sold a single one. There’s the Transformer Prime, the Slider, the Deception, the Sidewipe, the Bumblebee, and the Galaxy Tab 8.9, and so on. Nobody uses any of them. I tried my usual technique of placing them with different merchandise, but even that wasn’t working.”

Abernathy said he started to despair.

“One evening I was closing up shop and accidentally put one of the Android tablets — it was a Transformer — in a bin labelled ‘Broken iPads.’ The next morning, it sold before lunchtime.”

Abernathy was shocked. “I knew I had something big,” he said.

In the interests of science, he decided to try it again. “This time I put a Xoom 2 in the ‘Old iPad’ bin. Now, the Xoom 2 is a terrible tablet. It gives a little whenever you pick it up, see? And the screen gets all greasy. It doesn’t even have 3G.” But again the tablet sold within hours when marketed as a broken iPad.

With this in mind, Abernathy tried slapping some spare Apple stickers onto the tablets’ boxes. They flew off the shelves.

Abernathy says that after he sold 23 tablets in three days this way, he began to feel guilty. “I wondered if I was ripping people off,” he said. “Just because I can use Apple’s brand to sell more doesn’t mean that’s the right thing to do.”

So Abernathy began asking repeat customers what they thought of their tablets. “Joe [Schneider, a regular customer] came in the other day looking for some batteries, and I says to him,

‘Joe, how’s that broken iPad doing you?’”

Abernathy reports that Schneider was actually very pleased, and commented that iPads “sure have come a long way since the one he bought last.”

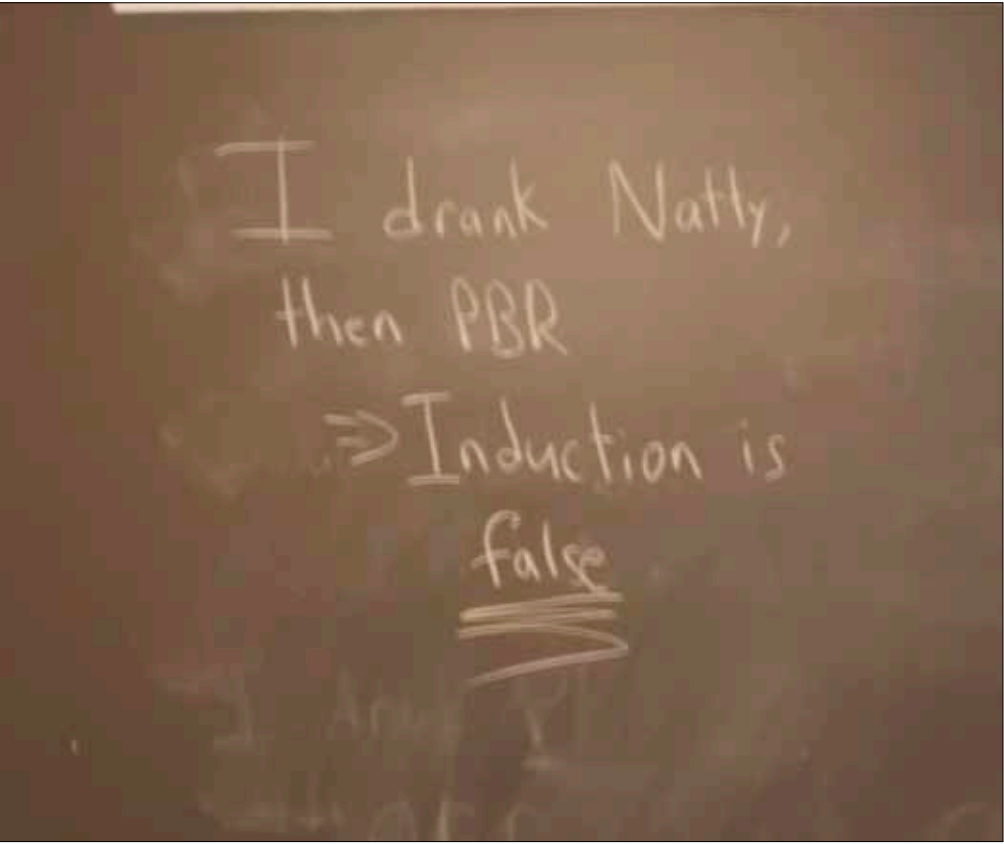
Abernathy plans to expand his strategy and transforms Abernathy Electronics into a knockoff Apple store. “I got the idea reading about those fake Apple stores in China. I figured ‘if they can do it, why can’t I?’ So I painted the walls black, put in more windows, and hired some hipsters to be unhelpful. Business shot through the roof.”

Abernathy contacted The

Tartan because he cares about spreading knowledge. “As a sort of scientist, I don’t want to just sell 300 tablets a month and not reveal my discovery,” he said. “I’ve really helped mankind here, and that’s what’s important. Maybe one day Google will invite me over and I can tell them how they can sell their products a little better. Turns out it’s pretty simple — you just have to pretend to be Apple.”

Until then, Abernathy is satisfied with being the No. 1 retailer of Android tablets in Pennsylvania. “It’s my secret sauce,” he said, standing next to the “Broken iPads” sign that started it all.

First-year philosophy student disproves induction, awarded prize



A photo of Henderson's award-winning proof.

Patrick Hoskins/Staff Photographer

PATRICK HOSKINS
Drunken Lout

First-year philosophy major Chad Henderson (or “The Chadmeister” as he prefers), stunned the mathematics world today when he disproved induction.

“So, like, we talked about induction in my Intro to Philosophy class, and how it’s all B.S. and s***, and then the professor brought it up in my Concepts of Math class. I’m taking that ‘cause I’m smart and well rounded and s*** — ladies, come at me,” Henderson explained. “See, the professor’s all like ‘We’re gonna use this to prove a bunch of cool stuff.’ And I just say, ‘Hold your horses Mr. Math! Induction’s not real!’”

Henderson disproved induction through a clever counterexample. “So every time I go to a party at my frat — go Sig Ep! — I always get a Natty. Like clockwork, man. But at our last party, get this, I took

a PBR instead. And it’s not like they were out of Natty. I just decided to drink PBR instead. The prof couldn’t explain that, and neither could your precious induction.”

Henderson will be honored for his discovery with the Fields Medal — the highest prize given in mathematics reserved for mathematicians under 40 years old — and a \$15,000 prize. At 19, Henderson is the youngest recipient yet. He plans to celebrate his achievement with a wicked rager at the Sigma Phi Epsilon frat house. No fatties allowed.

As Henderson rages on, the math world reels in the face of his tremendous discovery. “It’s an exhilarating, and terrifying, time,” said Ernest Angstrom, an associate professor of math at the California Institute of Technology. “On the one hand, literally 90 percent of mathematics is now false. Entire careers have been destroyed. The land around mathematics buildings every-

where is littered with the bodies of those who couldn’t handle it. But there’s a lot of stuff that needs to be proven again, which means a lot more prize money coming my way.”

Other mathematicians did not take it as gracefully as Angstrom. Professor Eugene Fenderfast plans to start a new branch of mathematics which says “Nuh-uh!” and uses induction anyway. “I’ll not have my work destroyed by an insolent whelp!” Fenderfast said, ignoring how much he sounded like a Scooby-Doo villain.

Henderson will achieve doctorates in both philosophy and mathematics at graduation, and will also serve as student speaker. “Yeah, I’ve already started working on my speech,” he said. “I’m taking inspiration from those great 20th-century philosophers, Bill and Ted, and telling everyone to ‘party on.’ In short, drink Natty, party hard, and treat women with respect.”

Arts & Living

Pitt students teach CMU partying, bro course

MATT POWELL-PALM
Broseph

When questioned about the fundamental purpose of Student College (StuCo) courses at Carnegie Mellon, StuCo executive committee member Barney Ross stated that “imparting useful, thought-provoking, and otherwise unavailable knowledge unto the student populous at large” is a central pillar of the StuCo mission statement. “For the 2013 fall semester,” he said, “we are for the first time trying to address a specific, widely accepted student knowledge deficit, and are allowing a pair of non-CMU students to teach a StuCo entitled “Pop Pop: How to Party like you go to Pitt.”

Brothers Dom and Brian Winton, both upperclass students of business at the University of Pittsburgh, will co-teach a self-authored course covering both elementary and intermediate party-going techniques.

When asked what inspired their decision to teach at Carnegie Mellon, Brian Winton replied, “A couple of months

ago we crashed a party in the basement of Sigma Chi, and were shocked and outraged at the state of CMU party affairs. The floors were clean, the guy-to-girl ratio was unnervingly high, and we even ran into one girl who was walking around with her self-respect showing.”

“We’re all just trying to graduate. Be in and be out. For the rep. Yolo. Swag. Feel me? Hashtag Cîroc, hashtag Young Money.”

—Brian Winton
Upperclassman in business at the University of Pittsburgh

The Winton brothers admitted that they have “literally no respect” for Carnegie Mellon, citing the student populace as “pretentious” and “deeply, unsettlingly unattractive,” but also conceded that no male college student should have to party in such destitute conditions.

“College is about getting your nut,” Brian Winton said. “We’re all just trying to graduate. Be in and be out. For the rep. YOLO. Swag. Feel me? Hashtag Cîroc, hashtag Young Money.”

According to Dom Winton, the class will be divided into theoretical and applied seg-

ments. “For the first month or whatever, we’ll take them back to basics, you know? How to go hard, the signs that your shirt is about to be yacked on, what to do when your shirt gets yacked on, both male and female yack scenarios, the etymology of the word yack, the origins of “YOLO,”

how to get a dollar sign dollar sign while maintaining a political career, the long-term effects of casual alcoholism, you know. Hashtag Gingrich, hashtag MadRespect.”

The theoretical arm of the class will include guest lectures from campus and community members spanning a variety of topics, including Jessica Noble’s award-winning *Self-Respect: Park it at the Door, Sister* and a segment President Jared Cohon is currently preparing on “the dangers of not going balls to the wall as often as possible before graduating with a degree in civil and environmental engineering.”

“Students will be encouraged to discuss the content at the end of each class,” Dom Winton said, “and one student each week will have the opportunity to give a three- to five-minute presentation on his or her conception. Hashtag MistakesOfLastSemester.”

The applied segment of the class will take place Saturday evenings, and will allow students to test the practical applications of their newly

acquired knowledge. When asked about the intended difficulty of the course, Dom Winton said it wouldn’t be easy to pass.

“[The students] are gonna hit tennis parties, soccer parties, archie parties, drama parties, frat parties, faculty parties, Chatham parties, the Oakland Central Catholic Prom, Passover Seders, you name it,” he said. “By the time we’re done with these guys, no bro will have to leave a party without an increased risk of liver failure and no chick without a sharp sense of shame and objectification. We’re putting CMU on the map, bro. Let’s say it together, ‘Imma get my nut.’ Hashtag CMUBarelyBeatOutTheNavalAcademyOnTheCollegeProwlerHottnessScale.”

The Winton brothers’ signature tall white tees can be purchased at www.hashtagkit-tens.blogspot.com, alongside their best-selling revision of the King James Bible. To reserve a spot in “Pop Pop” next fall, please send a blank email to HanYolo@SwagWars.eu.

S’n’S debuts show

PATRICK HOSKINS
Single and Looking, Ladies

Scotch’n’Soda’s new show “Somewhat Dull with a Lot of Sex Jokes” premiered last week to thunderous apathy. The show was a startling break from the norm, featuring more attempts to be edgy and even worse jokes.

Written by junior English major Mitch McKay, he said he “wanted to show everyone how self-involved Scotch’n’Soda really is. I wanted to write something with a lot of sex in it, because that’s totally edgy and cool. Then I added some jokes that only my friends and I will know.”

The director did a great job of having actors walk on stage, say their lines, and then walking off. The sets were entirely adequate, and the lights did a great job of lighting the stage.

The high point of the night had to be the rousing musical number “Closet,” in which every character came out of the closet, including those who were out of the closet to begin with.

“I needed a cheap way to manufacture drama and character development,” McKay explained, “and there’s no easier way than having characters question their sexuality. It really makes my job easier.”

First-year math major Dan Sherwood played the lead character, Lance Galahad, who experiences an astonishing lack of any personal development or humor. When asked about the play, he raved about everyone’s performances — especially his own — before going on to brag about how he hadn’t slept once for the past three months of rehearsals.

However, not everyone was so impressed. “I’m not in Scotch’n’Soda, and I’m not currently hitting on anyone who is, so I have no reason to go to their shows,” junior design major Sara McNutty explained. “I did accidentally wander into McConomy for one performance right as they started a song about genital mutilation. At that point I got out of there as soon as I could.”

Overall, the show was a departure from what you expect from Scotch’n’Soda performances. Everyone at Carnegie Mellon should be sure to see “Somewhat Dull with a Lot of Sex Jokes” before they start rehearsing for next year’s play, “Startlingly Mediocre with a Different Amount of Sex Jokes.”

WRCT replaces DJ with schizophrenic, ratings soar

ANNA WALSH
Hysterical Feminist

The ratings for campus radio station WRCT have soared in the past week, with a 300 percent increase in its

online streaming listeners alone. The reason behind this sudden burst in popularity? A new DJ, Pittsburgh resident Wilhelm “The Dictator” Martin, who has quickly garnered a cult following thanks to his

nonstop broadcasts. “He like, kind of wandered into the radio station last Tuesday,” WRCT general manager Kitty Salvador explained. “I think he got confused because he like, kept

saying that this was a soup kitchen? But he saw the radio studio and, it was like it was his *calling*, you know? He told me that the station spoke to him, which I totally get.”

Martin, who is instantly recognizable in the station thanks to his mane-like beard and tinfoil suit, hasn’t left the radio station since arriving, but rather has been broadcasting a mix of a personal talk show and musical selections consisting of static-filled cassette tapes he claims are the government’s recordings of his time in the womb.

“You can’t trust the dogs — they whisper all your secrets in the night to the rats that work in the CIA,” he said during an afternoon broadcast yesterday. “They only call me schizo because I know the truth about the particle collider and the cheese factory!”

The transition to Martin’s nonstop broadcasts hasn’t been an easy one. “He kinda was freaked out by the computers in the production studio, because he thought the CIA or FBI or whatever could control his brain them,” Salvador said. “But we put aluminum foil on them and now he’s like, super chill about it.”

There were also initially issues with him monopolizing air time. “I was kinda peeved at first about him being on the air all the time, because I’ve got electronic minimal experimental folk that the listening public wants to hear, you know?” said fellow WRCT DJ Dennison Quaid. “But The Dictator’s broadcast

is, like, such a totally radical and subversively ironic commentary on our society, so it’s like, mad respect, man. I actually have this amazingly ironic anti-establishment quote from his show that I want to get tattooed on my forearm — in Helvetica, of course.”

Overall, the feedback from the community about Martin’s show has been overwhelmingly positive. “The Dictator [ITAL]knows[ITAL] things, man,” said Barry Lowell, a homeless man who was blasting a broadcast of Martin’s show through his stereo on Forbes Avenue near the Cathedral of Learning. “He tells me all sorts of great s*** about how to keep the government from recording me. Hey, got any beer on you?”

Senior computer science major Ned Collins agreed that the new programming has been an improvement. “At first, I couldn’t even tell they had a new DJ, because there was this guy talking about the government over static, and I was pretty sure I’d heard that on an experimental show on the station two months ago,” he said. “But then I realized that this guy’s hilarious. Me and my friends actually listen to WRCT now. We made up this drinking game where you take a drink every time he mentions the government, an appliance singing to him, or his conversations with Goliath. The first time we played, I was puking in less than an hour. It was totally awesome.”



Photo courtesy of Fred via flickr
The Dictator enjoys listening to his own radio program. “It drowns out the other voices,” he explains.

CMU KGB single-handedly keeps struggling fedora industry afloat

PATRICK HOSKINS
Incredibly Handsome

Local haberdash Marcus Kirkpatrick had always been on the edge of bankruptcy. “The fedora industry isn’t what it once was. Back in my father’s day, everyone wanted to look like Humphrey Bogart, and they needed a hat to go with each suit. But since then fewer and fewer people have wanted fedoras,” he said.

However, Kirkpatrick has received help from an unlikely source: KGB.

Kirkpatrick traces the recent upsurge in fedora sales to the premiere of *Mad Men* six years ago, which caused many hipsters to purchase fedoras.

“*Mad Men* was the start of a new golden age in haberdashery. Fedoras were suddenly cool again, and every-

one wanted one,” Kirkpatrick said. However, fedoras quickly soon fell out of fashion once hipsters realized they were uncomfortable and only looked good with a suit.

But as hipsters stopped buying hats, members of KGB stepped up to take their place.

Always two steps behind trends, KGB has embraced fedoras with unyielding verve. “The hat covers up how greasy my hair is, so I can go even longer without showering,” sophomore computer science major Reese Manderly explained.

Kirkpatrick was initially flummoxed by these new customers, but recognized an opportunity when he saw it. “I expanded my offerings to include really long scarves and trenchcoats. That way if someone’s on the fence I can say they look like that Dr. Who

fella or that guy from Firefly in the coat and they’ll shell out \$500.”

Senior electrical and computer engineering major Burt Macklin said, “My entire wardrobe comes from Kirkpatrick’s shop. I have the greatest combination of trenchcoats, shorts, free T-shirts, and hats at CMU.”

Considered a trendsetter in KGB, Macklin has created his own unique look, despite the protestations of everyone who has to look at him.

Kirkpatrick is hopeful for the future of his business. “I’m not going to sit idly by any more,” he said. “I’m going to take my money and expand even more, this time into cloaks. KGB has already preordered forty of them. When the next *Hobbit* movie comes out, I’ll be rolling in dough.”



Photo courtesy of puulikbeach via flickr
Another satisfied customer walks out of Kirkpatrick’s shop, eager to embarrass himself to the world.

Sports

Magic: The Gathering club disbanded after doping scandal

EVAN KAHN
Yes, that's his card in the picture

The heart of the cards means nothing to a hardcore *Magic: The Gathering* (MTG) player — and this seems especially true at Carnegie Mellon. Intramural officials forcibly disbanded the university's MTG club last week, due to across-the-board doping. Every member of the club, which competed internationally, admitted to having used or was in possession of performance enhancers.

"Some of us went to extremes — which was probably how those idiots got caught — but most of us just marked our cards somehow," said club member senior Akroma Mackenzie. "I personally use different scents of perfume and cologne to get the cards I need to the top of my deck after shuffling. It worked for Mai Valentine from *Yu-Gi-Oh*, and it works for me."

Club president, senior Roark Mosswater — known by friends and fans as Romo — went to such extremes.

After years of experimenting with methods of enhancing his game, Mosswater became obsessed with the idea of a one-turn win.

"It turns out that pulling a gun on your opponent to make them concede is illegal, even though the MTG handbook doesn't say anything about it," Mosswater said, referring to an incident at a 2011 tournament in Sweden. Wizards of the Coast, the company that owns *Magic: The Gathering*, banned Mosswater from casual and tournament play for a year.

In that time, Mosswater — a chemistry major — developed a compound that enhances playing ability. According to club member sophomore Toshiro Umezawa, who actively used the drug, it heightens awareness about the opponent's micro-expressions, and simultaneously makes the player more perceptive of "combos" between different cards. Mosswater calls it a "mana-bolic steroid."

"It's the perfect playing-card steroid. I usually run a mono-blue control, so with

mana-bolics helping me read my opponent's play style and deck substance, I can counter anything important he does then use Jace to deck him," Umezawa said.

A day after the club officially disbanded, Mosswater was sent to a holding facility, and government officials arrived on campus to confiscate any and all remaining samples of the mana-bolics. "The implications for interrogation and scientific progress with this drug are immense and unfathomable," said associate chemistry professor Draco Niv-Mizzet. "And these little assholes wanted to keep it to themselves so they could cheat at their children's card game. Really cool, guys. Way to go."

When asked about the club's future, Mosswater shrugged. "I don't really care, honestly. Toshi will probably take it over," he said, picking his nose. "I'm more focused on starting a new club at the county jail, where I'll be spending most of my time for the next 15 years. People have surprisingly little to do there."

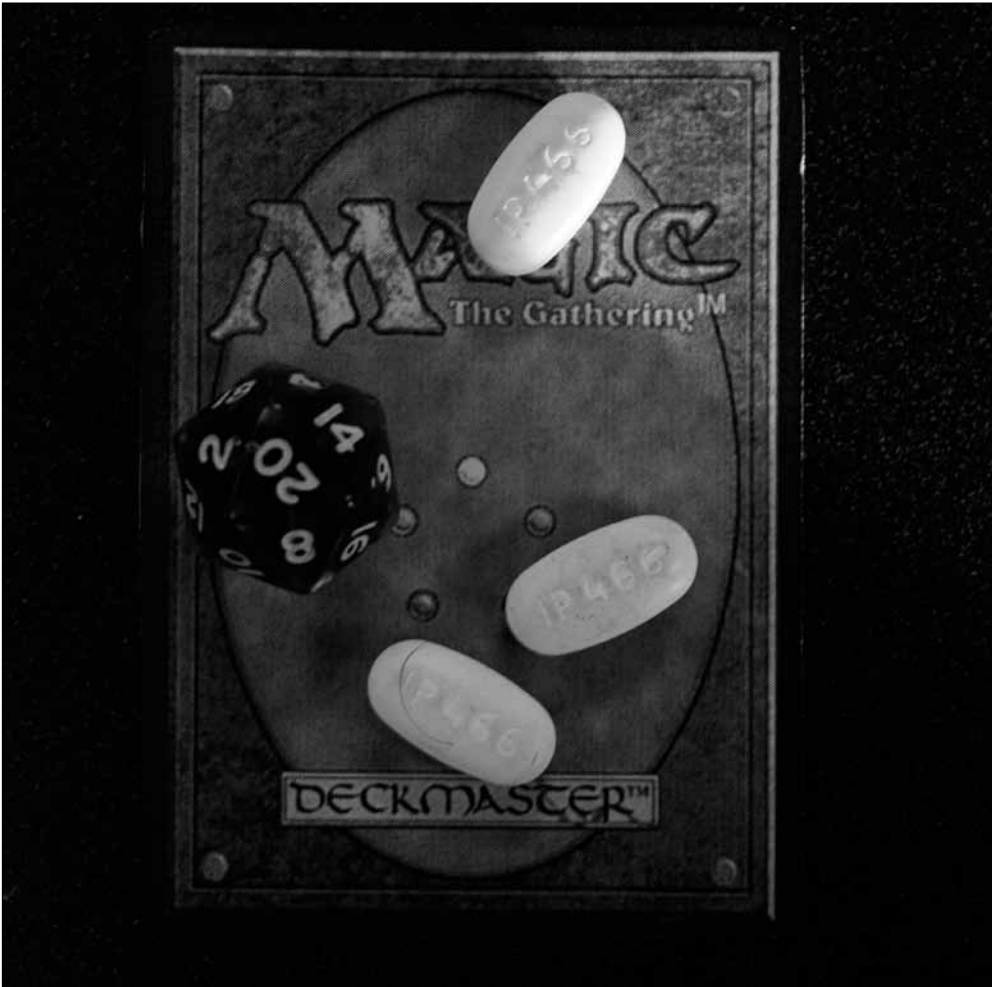


Photo illustration by **Evan Kahn**
The tools of a *Magic* champion, including the banned drugs.

CIA puts down buggy pusher with badly sprained ankle

JOSH SMITH
Only sports enthusiast
PATRICK HOSKINS
Only "funny" person

Plans went into motion yesterday to put down junior CIA buggy pusher Oliver Bellafonte. Bellafonte had sprained his ankle during rolls early Saturday morning, leaving him incapable of pushing for Buggy, among other activities such as walking.

CIA chair Donald Meyer said that the organization came to the decision to put down Bellafonte after much deliberation. "Bellafonte has been with us for quite a few seasons now, and we sure have grown fond of him. But this is no way to live, not being able to push anymore. We're obligated to put him out of his misery," he said.

Buggy competitor euthanasia is not entirely uncommon. Sophomore Fringe driver Ashley Higgins was put down in 2009 after being

unable to compete due to a growth spurt.

"Forcing these competitors to continue living while not being able to race in Buggy is inhumane," Sweepstakes chair Nikhil Valjee said. "It's regrettable, but necessary."

Still, the decision was met with much controversy. People for the Ethical Treatment of Buggy Competitors (PETBC) will be staging a protest on Frew Street. PETBC president Leslie Steinfeld issued a statement, saying, "Putting down a buggy pusher of a mild injury is inhumane and unethical. Buggy competitors should be treated with the dignity they deserve!"

PETBC, a PETA offshoot, is well known within the Buggy community. "They've been plaguing us for years," Valjee said. "Every time we make pushers practice early in the morning, or bind driver's feet so they stay small, PETBC is there, protesting all the while." PETBC is not an of-

ficially recognized affiliate of PETA, who said in a statement that they don't support "lost causes."

Despite PETBC's best effort, the Buggy status quo will continue as usual. "Look, I love buggy as much as the next guy, and I know how much these competitors love it. If they can't race, then they don't even want to keep on living," Meyer said. "Buggy is just as great and valid a sport as horse — or even chariot — racing. If it was good enough for the Roman Colosseum, it's good enough for Carnegie Mellon."

When asked for a statement, Bellafonte's family said, "It's for the best. All the boy cared about was Buggy. He was dead as soon as he sprained that ankle."

CIA still plans to compete, stating that its deep stable of pushers will be more than enough to propel them to victory.

CMU, Hunger Games partner up

JOSH SMITH
Really more of a Twilight fan

After the success and popularity of Quidditch at Carnegie Mellon, President Jared Cohon announced the inclusion of the Hunger Games in Carnegie Mellon's intramural sports, following the trend of sports based on children's literature.

"The novels have been extremely popular with people of all ages, and the first movie made my grandchildren have conniptions — with joy, of course," Cohon said. "Carnegie Mellon is dedicated to innovation, and this seems like the perfect opportunity to implement these exciting, masochistic games."

The games will involve the recruitment of local high school and middle school students as tributes in a battle to the death. Two students per school district will be offered up. The winner will receive admittance into Carnegie Mellon (as well as his or her life). No scholarship will be awarded, although financial recognition for extraordinary accomplishment in

a survival competition may be possible through outside institutions or advertising proceeds.

At Carnegie Mellon, students are expected to work

“An adolescent bloodbath would really help bring some festivity to CMU.”

—*Sarah Welch, Junior*

themselves to death.

Since [ital]The Hunger Games[ital] book series debuted in 2008, higher schoolers have been studying obsessively. "I have wanted to be Katniss my whole life," exclaimed a local sophomore who would only identify herself as Katniss Everdeen. "I've been training for ages: reblogging movie clips, reading the books again, liking *Hunger Games* pictures on

Pinterest. I even skipped a meal once. It was accidental, but it shows I'm prepared."

Central Catholic senior Joseph Gale is sure he'll come out on top. "I've been playing *Halo* for years, I don't think fighting to death should be any harder than pwning noobs. You know that guy who brags about doing your mom? Yeah, that's me. Attention high schoolers, get ready to have your a**** kicked."

Current Carnegie Mellon students have mixed feelings on the announcement. Sarah Welch, a junior chemical engineering major, loves the idea. "People always complain that nothing exciting goes on around campus. An adolescent bloodbath would really help bring some festivity to CMU," she said

Kyle Dorian, first-year statistics major, feels differently. "I think it's unfair. We had to study for weeks for SATs, score fives on all of the AP tests, and write countless application essays for just the chance to get into CMU," Dorian said. "The tributes will have it too easy."

FEATURE PHOTO

Tartans win Super Bowl, no one shows up



Photo courtesy of Joelk75 via flickr
The stadium where the Tartans achieved their startling Super Bowl win. Startling for the lack of fans, surprise victory, and the fact that the Super Bowl is for professional football, not college, and that it happened in February.

Tebow renounces faith after season playing with Jets

JOSH SMITH
Editor-in-chief, but I didn't vote for him
CARL GLAZER
I don't know who this is

While initially excited to be acquired by the New York Jets, after one season quarterback Tim Tebow has renounced his faith. "If God were real, he would not have sent me to New Jersey," Tebow said at a recent press conference.

The announcement came as a surprise to fellow players and the legions of Tebow fans. The young quarterback became famous for his string of wins in his second year with the Denver Broncos, as well as his outward expressions of faith on and off the field.

The rising quarterback star repeated the phrase "God is dead," numerous times throughout the conference. "Either that, or the devil is alive and well in Denver," Tebow said, referring to former Indianapolis Colts quarterback Peyton

Manning, who was acquired by the Denver Broncos and replaced Tebow.

The state of New Jersey released a formal response to Tebow's loss of faith. "Yeah, well, he don't believe in God no more or something, right? If he thinks that his time here in the great state of New Jersey has been some kinda punishment or something, screw 'em," New Jersey said. "He's got some nerve, I'm tellin ya."

New Jersey garbage man Sal Romano was not surprised by Tebow's loss of faith. "Hey, it's Jersey. The only God we pray to is Bruce f***** Springsteen."

Tebow's many fans are left wondering what is to become of his career. The young quarterback often attributed his prowess on the field to the omnipotent being. Will Tebow's athiestic conversion affect his first down conversions? Will he finally stop kneeling everywhere? Only time will tell.

THE TARTAN

Carnegie Mellon's student newspaper since 1906



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Beta Theta Pi suspended over sexually explicit recordings

JACKSON LANE
Senior Staffwriter

In an email to the entire campus community sent last Friday, Dean of Student Affairs Gina Casalegno announced that the university is investigating allegations regarding the filming and circulation of sexually explicit photos and videos in the university's chap-

ter of the national Beta Theta Pi fraternity. The university is also investigating whether these alleged videos and pictures will constitute a violation of the university's community standards or the law. Pending the outcome of the investigation, both the university and the fraternity's national chapter have suspended the university's chapter, collo-

quially referred to by students as "Beta." According to Casalegno, University Police initiated the ongoing investigation after an anonymous student raised concerns about "alleged videos and pictures of a sexual nature being taken inside the chapter facility of the Beta Theta Pi fraternity by certain members of the orga-

nization and shared by email with other members [of the fraternity]." In a press release on the school's website, the university stated, "CMU's top priority is the safety, security, and well-being of our community. Carnegie Mellon does not condone nor tolerate violations of university community standards or the law." The univer-

sity states that it will pursue internal disciplinary actions against the fraternity and its members if they are found to have violated the university's community standards. The university also intends to refer any evidence of criminal wrongdoing to law enforcement officials. The university has not yet elaborated on the exact na-

ture of any alleged community standards violations or legal infractions. Rather, Casalegno emphasized, "The investigation is ongoing, and we do not yet know the circumstances of the capturing or the sharing of images or precisely what violations of University policy or the law may have taken place."

See **BETA**, B3

Sparse attendance at election debates

BRIAN TRIMBOLI
Assistant News Editor

Candidates for student body president (SBP), student body vice president (SBVP), student body vice president of finance (SBVPF), and student body vice president of organizations (SBVPO) responded to questions about their platforms in Monday's and Tuesday's student government election debates. The president and vice presidential debate, held on Monday in McConomy Auditorium, featured Lindsay MacGillivray, a junior biology and psychology major, and Peter Masters, a sophomore international relations and politics and environmental policy double major, against Thomas Healy, a junior mechanical engineering and engineering and public

Healy and Jones' platform is the spreading of school spirit. "We already have a great athletics program in place, and it's just a matter of students knowing when these events are taking place," Jones said. The second part of the presidential and vice presidential debate began with a question about Carnegie Mellon's campus culture: "How do you see the student body president's role in addressing stress culture and how would you address it if elected?" Healy emphasized the role of the student body president as implementing ideas, rather than coming up with them. "We're not going to be the ones who come up with the ideas of how to cure every problem at Carnegie Mellon; we're two students within this university. I think the



Student body president and vice presidential candidates Thomas Healy with Caitlin Jones (top) and Lindsay MacGillivray with Peter Masters (bottom) debate in McConomy Auditorium last Monday.

policy double major, and Caitlin Jones, a junior business administration major. The audience for the debate was sparse; fewer than 20 of McConomy's seats were filled. In addition to representing the student body's wishes in their decision-making, the positions eligible for election play an instrumental role in dictating the functioning of crucial student government organizations including the Joint Funding Committee (JFC) and Committee on Student Organizations (CoSO). The debate began with questions asked every year, including "What do you believe is the most important role of student government?" and "An issue each year is how to make student government more approachable to the general campus, and to generate a sense of transparency — would you say that this year's student government has done a good job at generating that sense of transparency and being approachable?"

See **DEBATES**, B3

FEATURE PHOTO

Five-alarm fire blazes through Oakland



A five-alarm fire broke out in a central Oakland apartment building last Friday morning, displacing over two dozen residents, many of whom were college students. It was determined that an electrical problem in one of the basement apartments caused the blaze.

PayTango dances its way to success

LAUREN WILLIAMS
Staffwriter

Four Carnegie Mellon seniors launched PayTango, a fingerprint-based payment method that eliminates the need for identification and debit cards. Senior information systems majors Brian Groudan, Umang Patel, and Christian Reyes, and senior human-computer interaction and industrial design double major Kelly Lau-Kee developed PayTango in the Tech Startup Lab course taught by computer science assistant professor Luis von Ahn in fall 2012.

Groudan, Lau-Kee, Patel, and Reyes effectively combined their talents to search for a solution to a universal problem: People have to carry around too many cards. Credit cards can be lost, card numbers can be stolen, and it can be a hassle to pull out a card while holding a cup brimming with hot coffee. They invented a much easier method of payment that uses fingerprints instead of cards. "Biometrics was a really good way for us to explore how to eliminate the need to carry around extra 'stuff' to identify yourself. And that's kind of the vision that we have moving forward, is that through the use of biometrics, we can strengthen the security to verify that a person is [who they say they are].... There are a lot of applications," Lau-Kee said. PayTango allows people to pay using two fingerprints. The first time someone enrolls with the system, they

must swipe their card as their fingers are placed on the scanner. It takes around 10–15 seconds to associate the card data with the person's biometric data. Then, when that person returns, they can use their card by simply scanning their fingerprints, a process that

takes only a few seconds. Although he does not yet use PayTango, sophomore mechanical engineering major Michael O'Connor said, "This seems like an amazing technology that will make my life much easier and that will protect people's financial information." The PayTango founders

did not originally think their idea would turn in to a full-fledged business. According to Lau-Kee, the first time they considered starting a company was when they participated in the University of Pennsylvania PennApps hackathon, the largest college hackathon in the world.

Groudan, Patel, and Reyes attended the hackathon and built the device using only an iPad, a fingerprint reader, and a magnetic card reader. The product was demoed and received recognition and multiple awards, demonstrating its viability. PayTango has come far since the PennApps hackathon. Last Tuesday, the company graduated from Y Combinator, an incubator program in Mountain View, California that supports the development of entrepreneurial companies. After successfully completing the three-month program along with 46 other businesses, Groudan, Lau-Kee, Patel, and Reyes demoed PayTango in front of more than 500 investors, including many prominent Silicon Valley entities. "We're still amazed that we've gotten this far," Lau-Kee said. The business is currently going through its first round of funding. Additionally, PayTango has been installed at multiple dining locations within Carnegie Mellon, including The Underground, Skibo Café, and the Exchange.



A PayTango station being used by a customer at The Exchange.

See **PAYTANGO**, B3

FEATURE PHOTO

Sexual assault rally hosted at Fence



Jonathan Leung/Assistant Photo Editor
Student organization Got Consent? hosted Take Back the Night, a sexual assault awareness rally, at the Fence last Thursday. Students and outside speakers gave talks about sexual assault prevention and their own personal experiences to help raise awareness about the realities of sexual assault.

Campus Crime & Incident Reports

Armed Robbery

March 23, 2013

University Police were summoned to take a report of an armed robbery. A student stated that while leaving a party on Wilkins Avenue, a black male in a silver sedan pulled alongside the sidewalk and offered the student a ride back to campus.

Due to the student being intoxicated, he only recalled various parts of his encounter with this unknown male. The student does remember the male pulling out a handgun and ordering him to hand over all of his personal belongings.

The unknown male then ordered the student out of the vehicle. This investigation is ongoing.

Assisting an Outside Agency (Noise Complaint)

March 24, 2013

University Police assisted the Pittsburgh Police in handling a noise complaint at 5324 Beeler St. The residence was cited by city police for a violation of the city ordinance related to “noise complaints.” While inside the residence, officers confiscated a street sign that was unlawfully removed from the area near the Collaborative Innovation Center garage entrance off Boundary Street. Additional charges may be filed.

Theft

March 25, 2013

University Police were summoned to the Peter Room at the University Center to take a theft report. The stu-

dent stated that he left his backpack unattended at approximately 3 p.m. inside the room. The student returned 30 minutes later to find the backpack missing.

Odor of Marijuana

March 26, 2013

The police were summoned to the third floor of the Residence on Fifth in reference to an odor of marijuana. University Police made contact with two individuals who were in possession and were smoking marijuana in their friend’s room. Both individuals and the student who permitted the individuals to smoke marijuana in the room were cited for disorderly conduct.

Theft

March 28, 2013

University Police were contacted after a graduate student’s laptop was taken from her seventh-floor Wean Hall desk. The laptop was said to have been taken any time in the five days following March 22. A police investigation is ongoing

Defiant Trespass

March 28, 2013

University Police were summoned to the Greek Quad for reports made of a male taking pictures of various sorority buildings. The police arrived and detained the male until he was properly identified. The male was issued a defiant trespass letter, banning him from any Carnegie Mellon property.

NEWS IN BRIEF

CMU students win energy competition

Seven multidisciplinary Carnegie Mellon students took first place in a Department of Energy competition against 14 university teams to create strategies that cut energy waste and improve efficiency among commercial buildings.

The Carnegie Mellon team received the “Most Innovative” award for its entry, which strives to increase energy efficiency in commercial and industrial buildings in Fort Worth, Texas by the year 2020. The team also won “Best Proposal” for its “Everything Store” case study.

Team members include electrical and computer engineering master’s student Jie Yee Chan; architecture Ph.D. students Adrian Chong and Chao Ding; business master’s student Donald Johnson; and engineering and public policy (EPP) Ph.D. candidates Alan Jenn, Mili-Ann Tamayao, and Allison Weis.

“The team was up against some challenging competition, and this is where the practical problem-solving, interdisciplinary approach that is the culture at Carnegie Mellon shines through,” said team adviser and head of Carnegie Mellon’s School of Architecture Stephen R. Lee.

“The jury was particularly impressed with the sophistication of the computer-based performance simulation of the cases done by the School of Architecture students in the Center for Building Performance and Diagnostics.”

“This is wonderful recognition for our CMU students as they use skills and experience in a wide range of disciplines from engineering and finance to urban planning and public policy,” said M. Granger Morgan, head of the EPP program and director of Carnegie Mellon’s Scott Institute for Energy Innovation.

Other universities that competed in the competition include the Massachusetts Institute of Technology, the University of California, Santa Barbara, the University of Chicago, and Yale University.

Students to test innovative paper airplane

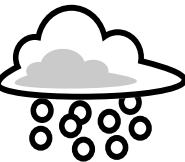
Carnegie Mellon students in the mechanical engineering and civil and environmental engineering departments will have the opportunity to test fly the world’s most innovative paper aircraft, built by Guinness World Record paper-airplane flyer John Collins at the Steinbrenner Institute Environmental Expo.

Collins will usher in the second annual Steinbrenner Institute Environmental Expo with elaborate demos of flying machines made out of paper. Collins’ designs sprout from the ancient art of origami, and he works to create the most sleek, aerodynamic airplanes.

“These exciting paper airplane demos are a great way

Compiled by
NOËL UM

WEATHER



TUESDAY
High / Low
39 / 29



WEDNESDAY
High / Low
40 / 30



THURSDAY
High / Low
52 / 40



FRIDAY
High / Low
47 / 37



SATURDAY
High / Low
56 / 45



SUNDAY
High / Low
56 / 47

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

Arts Pass Program

After a presentation from a member of the Student Activities office, the Senate discussed and voted upon funding for the Arts Pass program. Student Activities is now in its second year of collecting data on use of the Arts Pass program, and encouraged Student Senate to continue its funding. Student Senate voted to fund the Arts Pass program for \$18,000.

Elections Board bylaw changes

Student Body President Will Weiner addressed the Senate regarding proposed changes to the student body election bylaws.

The changes proposed ensure that students running for student body president officially have a vice presidential candidate on their ticket; and that campaign spending is limited to \$500, with the maximum value of an item that can be given to an indi-

vidual being \$25.

Additionally, the value of items used in a campaign are also counted against this \$500 total, so that individuals with special connections on the pricing of items do not gain an unfair advantage.

Table sharing proposal

As part of an initiative designed to address overcrowding in spaces such as the University Center and Tazza D’Oro, Student Senate installed signs that can be placed on a table that occupants are willing to share with someone else. This program is designed to maximize seating and avoid situations in which large tables are occupied by only one person each.

Chair Report

The Chair Report to the Student Senate addressed meetings held with business owners on Craig Street. There is a proposed Town Hall meeting, to be held with businesses on Craig Street, to address Carnegie Mellon’s changing culture and the possibilities for incorporating Craig Street as a social area for the Carnegie Mellon community.

Communications

As part of the Senate With You outreach event, there are plans to erect a large advertising balloon on campus April 8–10, and for students to sign the balloon with what their dreams are. The balloon will be inflated and left on the CFA lawn until final exams.

Compiled by
BRENT HEARD

Plagiarism service solicits students

ALVIN MATHEW
Staffwriter

A website called Lashzone, which functions as a paper mill service, recently sent a number of emails to Carnegie Mellon students. The university staff and administration views these emails as threats to academic integrity. They also coincide with the university's current attempt to update its policy on academic integrity. According to Lashzone's website, the service offers "professional assistance on post-secondary homework, assignments, essays, lab reports, assignment revision...etc." Students wishing to spend money for the site's services would send their assignments to the website, prepare for another major event like a test during the week, and then simply receive the requested, completed assignment in a reply email before the due date.

Holly Hippensteel, dean of student affairs, notes that although multiple students forwarded the Lashzone emails, "We don't know how many students were contacted."

Student reaction to the solicitation from Lashzone was mixed. First-year electrical and computer engineering major Taimoor Chatoor says

he wouldn't do it himself, but he doesn't mind it. "The kids don't learn anything in the end — but it's their choice. Let them do what they want," he said.

Alternatively, Je-Hoon Oh, a first-year chemistry major, had trouble understanding why students would partake in a paper mill program. "Why would students want to copy someone else's work, especially in this age?" Oh asked. Oxford

University students received similar emails in January, with student responses akin to Oh's. "I wouldn't use it — my prose style is weird and identifiable, and I also quite like my degree," one Oxford first-year said. "But I fully encourage its proliferation on the basis that the 'yoof' who do use it are more likely to get caught. And I am basically a pretty spiteful person."

Although it is unknown whether Lashzone is truly a homework site or just a phishing site aimed to scam students, students and administration have concerns about Lashzone. According to Hippensteel, "The emails were provocative, which got our attention. It's a relatively

new website, and some feel it's a phishing site while others think it's a homework site. But we felt there was enough discussion that we decided to let faculty know. Lashzone is certainly not the only online paper mill out there."

Hippensteel notes that Coastal Carolina University has a website that keeps track of paper mills, with over 250 already identified and located. She also feels that, besides being morally wrong to use, sites like Lashzone offer a risky proposition for students. There is no guarantee — besides the site's own pledge — that it does not copy and paste the same answers for different students' assignments, which would be plagiarism by definition.

"The idea of using a paper mill is probably risky in the age of Turnitin," Hippensteel said. Turnitin is a plagiarism detection and prevention

website created by iParadigms.

Hippensteel does admit that there may be stressed, desperate, or lazy students who would attempt to use the website to their advantage, which is a concern.

Hippensteel also notes that Carnegie Mellon is looking to update its academic integrity policy.

"The current policy was last revised in 1990, so it's long overdue. It came out of a conversation from faculty senate, and thanks to students, we had a chance to look at the policy in March." The changes look to clarify the current policy and make it clearer.

Currently, the policy focuses on the issues of cheating and plagiarism. However, the major change adopted by the new policy would be to clearly list "unauthorized assistance" — such as services offered by Lashzone — with the current two categories. Although unauthorized assistance is currently covered in the current policy, the new policy would make it clear to students that collaboration is not permissible unless students are explicitly given permission by their instructors. Using things like cell phones, cheat sheets, and outside help would therefore not be allowed unless the professor permitted.

"It's about honest communication," Hippensteel said. "And if you are unsure about a professor's policies, you can just ask professors and you'll get an answer. Students can also go online and see the policy."

Beta suspended over sex scandal



Jackson Lane/Junior Photographer
The Carnegie Mellon chapter of Beta Theta Pi has been suspended.

BETA, from B1

Nevertheless, in an email following Casalegno's announcement, Carnegie Mellon President Jared Cohon expressed that he was "shocked and deeply disappointed when [he] learned about these allegations." He further stated, "These alleged activities are wholly inconsistent with our values and will not be tolerated."

Casalegno's announcement does not come as news to some students. Prior to Casalegno's email on Friday, senior industrial design major Maureen Griswold posted, "If you don't know what this is referring to, women were raped at Beta and evidence was found supporting it," in response to an anonymous post on the CMU Confessions Facebook page about the suspension of the fraternity.

On the anonymous fraternity and sorority rating site *greekrank.com*, a user by the name of "Shame" posted on March 26, saying that Beta should "expect criminal allegations along the lines of sexual assault, and possibly distributing sexual content involving a minor."

Casalegno, in an email to the student body, urged "anyone with related concerns or questions to speak to [her] or to University Police directly."

"The concern raised and the focus of our investigation is on the taking and sharing of images. We will be reaching out to anyone whom we believe may have any information that would be relevant to this investigation. And, important to note, that if ever anyone has information about this matter or more serious issues related to this investigation or otherwise, I urge him or her to come forward," Casalegno added.

Neither the national Beta Theta Pi fraternity nor Carnegie Mellon's local chapter could be reached for comment.

Debates leave students wanting details

DEBATES, from B1

pressed with the candidates. They did a very good job of reiterating how they were going to crowd source student ideas, and then find other students to implement these ideas for them, and then take credit."

Potea advocated for a more transparent approach, keeping the JFC and SBVPF in constant communication with other key figures like the Student Senate and Graduate Students Association's (GSA) finance chairs.

"One thing I would like to

tion major Susanna Park, and sophomore mathematics and economics double major Radowan Khan.

The Bridge, a website for campus organizations, was an important part of the SBVPO debate. Candidates all emphasized its utility when answer-

are on the 'where is the button for' level; people just don't know how to operate the system," she said.

To alleviate this issue, Rockoff recommends "very detailed, but still at the basic level, how-to guides—quick questions and answers, most commonly asked questions."

"The Bridge is a huge thing that's happening right now that works directly with the SBVPO; it seems like that's sort of the next step they can take to improve the work the SBVPO does, because it's a resource that is meant specifically for organizations on our campus," said MacGillivray, who attended the debate.

Andrew Schwartz, a sophomore information systems major and Student Senate sergeant at arms, considered what each candidate had to offer the position of SBVPO.

"I think Corinne has a deeper knowledge of the overall student body, and I'm not sure how that perspective would affect CoSO but I'm interested in finding out. I think that Radowan has a very deep understanding of the way CoSO operates, so I think that also makes a very interesting dynamic."

Students can vote for candidates as well as view their submitted platforms online at *stugov.andrew.cmu.edu* until Tuesday. All three debates are also available for online streaming by cmuTV.



Josh Smith/Editor-in-Chief
The two tickets for student body president and vice president engaged in a discussion about campus issues.

"I think that tends to happen in these debates and in these large elections: The platforms are generally very broad pictures," said Anshul Dhankeher, a junior chemical and biomedical engineering double major.

Dhankeher also emphasized the importance of experience for presidential and vice presidential candidates. "I would say that Lindsay and Peter's side — both sides have great experience — was a little more specific in terms of concrete ideas and experience in student government. Especially on Peter's side, with JFC and CoSO, that [experience is] almost necessary to have, going forward."

Tuesday's debates for SBVPF and SBVPO, held in Rangos Hall, had even fewer attendees than Monday's.

The first debate, for SBVPF, was between Joshua Swanson, a sophomore psychology and statistics double major, and Jaden Potea, a sophomore statistics major.

Several debate questions asked the candidates about how they would strengthen communication among student organization leaders, other branches of student government, and the JFC, which allocates money for organizations' budgets.

do is work with either the finance chairs to just make sure that the JFC's rationale, their reasoning is supplied to them in detail.... I think it's important to make sure the reasoning the JFC used to budget a certain way, to make sure that that knowledge is available," he said.

Swanson, too, advocated increased communication between various heads of student government.

"I also think continuing with the office hours between the SBVPF and the SBVPO is important, because we do overlap in a lot of areas," he said. "It's going to be very close; both of them have strong platforms and strong ideas. It's going to be about who can muster the most support," said Vivek Nair, a junior electrical and computer engineering major and member of Student Senate.

"It's going to be interesting because last year it was an uncontested position. The fact remains that the platform for SBVPF doesn't have that much flexibility. How they can differentiate themselves from that description is what'll define this election," Nair said.

The debate for SBVPO included junior psychology major Corinne Rockoff, sophomore business administra-

ing the question, "How will you ensure student organization leaders use The Bridge to its full potential, and how will you use The Bridge to help student organizations?"

All of the candidates agreed that many organization leaders and students were not fully aware of the Bridge's purpose.

"I think people still don't know what Bridge actually is, and what Bridge actually does," Park said. Park advocated meeting with organization leaders to show them how to use The Bridge and providing online guides on Carnegie Mellon's website. Park, a Computing at Carnegie Mellon (C@CM) teaching assistant, also suggested incorporating The Bridge into C@CM's curriculum.

"I think it's incredibly essential that students are aware of The Bridge and understand how to use it; it's especially important now that a lot of important administrative functions are being done through The Bridge," Khan said.

Rockoff agreed that the Bridge was severely underutilized, mostly because organization leaders don't know how to use it.

"A lot of the questions about The Bridge at present

Campus installs PayTango devices

PAYTANGO, from B1

A few hundred students already use PayTango, and the device has had, according to Lau-Kee, "really good reception."

Lau-Kee continued, "Universities are a great place for us, because where we can deliver the most value is in these very tight ecosystems and networks. Here, you use one single ID card to pay for everything, to get into your dorm.... It's great for us to develop the product and fine tune it in a controlled setting."

Lauren Hartman, a junior communication design major and cashier at the Exchange, said, "There have been mixed responses to PayTango; most of them have been positive. A lot of people think it's really cool, other people have been more cynical, thinking, 'Oh, it's kind of big brother-ish.' It's the control of it, that other people might have access to their information, how safe is it to actually use."

The PayTango team is working to address and counter student concerns.

They are also planning to branch into other universities and venues such as gyms, restaurants, and convenience stores.

Lau-Kee is the only PayTango founder still taking classes at the Carnegie Mellon Pittsburgh campus. She, as well as Groudan, Patel, and Reyes, plan to continue their development of PayTango post-graduation.

"Our plans are pretty much to run with this as far as we can go. The great thing is, we're so young. We don't have as much at stake as if, say, we were 30 years old. Over the summer we're going to go out to the Valley and develop this even further," Lau-Kee said.

Students for Undergraduate Research in Economics (SURE)

SURE is a student organization that cultivates undergraduate student-faculty and undergraduate student-graduate student relationships with the specific goal of exposing and fostering undergraduate student access to economic research on the CMU campus. SURE also offers meta-curricular workshops which develop research-based and professional skills.

All meetings take place in Tepper 132 on Tuesdays at 4:30 p.m. during the Spring 2013 semester. These meetings are open to the entire campus community, and we highly encourage participation from students of all majors and colleges! For more information, please feel free to go to our page at tepper.cmu.edu/sure.



Science & Technology

Majidi receives award to continue work on soft robotics

LIGIA NISTOR
Staffwriter

Assistant professor of mechanical engineering Carmel Majidi recently won an award from the Air Force Office of Scientific Research (AFOSR) Young Investigator Program. The award comes with a \$360,000 grant that will be used in part to fund a Ph.D. student working for Majidi in the field of soft robotics.

Soft robotics is a new domain in robotics where the robots are made of soft materials, as opposed to the types of rigid materials that conventional robots are made out of. These soft materials include elastomers, which are soft rubbers that are elastic and very stretchable. They can also be composed of fluids or gels.

One of the motivations behind soft robotics is to make robots and machines that are more life-like than current robots. “The idea is that if robots and machines are made out of soft materials, then they will exhibit more of the functionality and properties that natural organisms have,” Majidi said.

According to Majidi, “The award addresses a very important challenge within the broader field of soft robotics.” Many of these challenges stem from the two necessities in soft robotics: electric power and materials to help power these biologically inspired robots. In addition, there is

a need for materials that are able to harvest energy from their environment. The purpose of the Air Force award is to produce new classes of elastomers that can convert elastic deformation into electricity. When the soft robots move in an environment, they undergo large elastic deformations and collide with the surrounding surfaces. Thus they are going to absorb a lot of elastic energy that would otherwise be wasted. These robots contain special types of materials and transducers, and they can convert that elastic energy into electrostatic energy. This energy can be used to power different electronics inside the robot.

Majidi’s lab focuses on creating the materials that comprise soft robots.

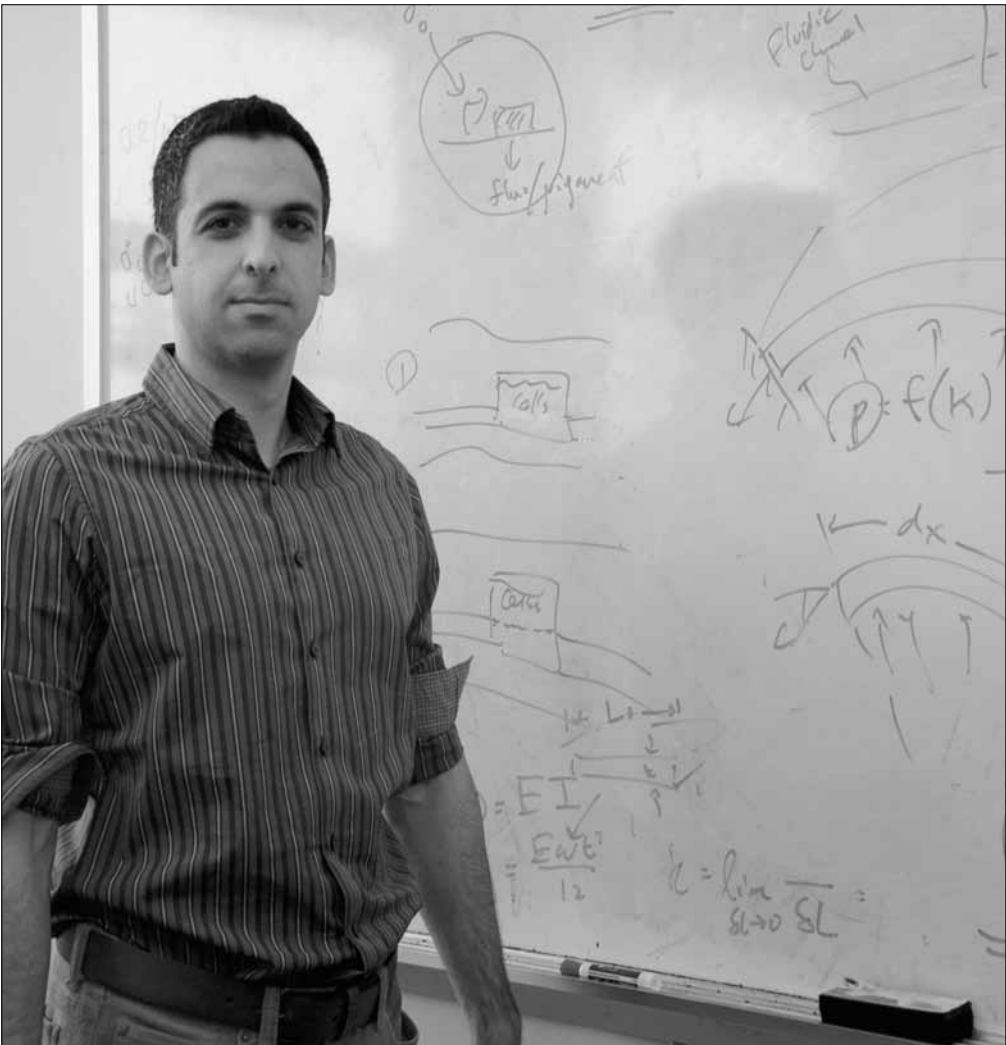
One type of material that Majidi researches is an electronic artificial skin that would go on the outside of the robots. Inside the skin are sensing elements that can detect surface forces: surface friction, slip events, impact, collision, and contact pressures. The electronic skin can act as a stretchable type of electronic circuit that can go around the robot and support some of its electrically powered elements.

There are many potential application domains for the soft robots, such as the area of actuators (artificial muscles). Some of the technologies that Majidi wants to produce in terms of energy harvesting

could potentially be used to help power artificial muscles and soft robot actuators. This energy harvesting could also be used for producing electricity to power the on-board sensors, electronic switches, and different circuit elements in the soft robot.

“The field of soft robotics is relatively new, but some of the underlying principles have been around for decades,” Majidi said. One paradigm in soft robotics is inflatable soft robots — these are elastomers that are inflated with compressed air, similar to balloons. According to Majidi, there has been decades of effort put toward artificial muscles based on this principle of pneumatic inflation, which uses pressurized gas to inflate devices. The novelty is that there have been a lot of advancements in rapid prototyping and in the fabrication and advanced manufacturing techniques. Now researchers can take the existing principles and apply them to create much more elaborate types of soft robots at different length scales.

“Another area that I’m involved with is soft matter electronics,” Majidi said. “These are not necessarily robots, but they could function as a robot skin.” They could also function as wearable electronics, devices that can be put on human skin. These are thin sheets of soft rubber embedded with microfluidic channels of different types of fluidic mat-



Kate Groschner/Photo Editor

Assistant professor of mechanical engineering Carmel Majidi won an award for his work in soft robotics from the Air Force Office of Scientific Research (AFOSR) Young Investigator Program.

ters. A lot of the current work in Majidi’s lab is focused on that approach to stretchable electronics. “That also motivates a lot of the work in this Air Force award — which is to create electrostatic generators to help power the soft matter electronics and sensors,” Majidi said.

“I’m very grateful for the award and I’m very excited by this research,” Majidi concluded. “It’s great for the group and for the Carnegie Mellon community because it creates this opportunity to do cutting-edge research.”

SCITECH BRIEFS

Human – Neanderthal hybrid identified

Skeletal remains found in Riparo di Mezzena, a rock-shelter in northern Italy, may belong to the first known human-Neanderthal hybrid. Current studies focus on analyzing the jaw structure, which differs drastically between Neanderthals and modern humans. The structure of this jaw was a blend between a Neanderthal’s receding lower jaw and a modern human’s prominent lower jaw. The genetic analysis revealed that the remains contained mitochondrial DNA of a Neanderthal, suggesting that the individual would have been the descendant of a female Neanderthal and a male Homo sapien. This study indicates possible “ethnic cleansing” of the Neanderthals by sexual assault. Further research will reveal more information about Neanderthal and human interactions.

Source: Discovery News

Shortcut to International Space Station

Last Thursday, two Russian cosmonauts and a NASA astronaut arrived at the International Space Station a mere five hours and 45 minutes after their launch from the Baikonur Cosmodrome in Kazakhstan. This express route resulted in a trip that was about 45 hours shorter than the traditional trips. Before this trip, the Russians had been exploring alternate routes over the past three years.

This express route was tested during three unmanned cargo flights. The expedited route involves very precise steering and calculations, making space debris and any other potential problems even more threatening. The abridged travel time also allows astronauts to arrive at the space station before the onset of microgravity-induced sickness.

Source: Reuters



Robot ants simulate colony behavior

Researchers based at the New Jersey Institute of Technology and the Research Centre on Animal Cognition built sugar cube-sized robots, known as “Alices,” that mimic the behavior of Argentine ants. The study was focused on their pathway coordination. The robots leave light trails and use light sensors to trace the trails, mimicking the pheromone trails and antennae of real ants. When no light trail is available, the robots follow random directions, which correspond to the near-blind Argentine ant’s behavior in the absence of pheromone trails. The researchers found that the light-following algorithms and the random walking simulations were sufficient for guiding the ants to their destination. This finding indicates that efficient navigation is possible even with the ants’ minimal cognitive abilities and geometric consideration.

Biological indications of criminal recidivism

The Mind Research Network in Albuquerque, New Mexico completed a study demonstrating that neuroimaging techniques can predict the likelihood of criminal recidivism after being released from prison. The study examined impulsive and antisocial behavior focused in the anterior cingulate cortex (ACC), the brain’s regulatory center for behavior and impulsivity. It was determined that inmates with low ACC activity were twice as likely to reoffend than inmates with high ACC activity. People with damaged or inactive ACCs tend to have “changes in disinhibition, apathy, and aggressiveness” and are typically identified by “acquired psychopathic personality,” the study states.

Source: ScienceDaily

Compiled By:
KELSEY SCOTT



HOW THINGS WORK

The buzz behind bee navigation

BROOKE KUEI
Assistant SciTech Editor

Bees are a lot smarter than most people credit them. How do bees know where to find the best flowers? When they find these flowers, how do they tell other bees where they are? These are tasks that may appear trivial at first glance, but actually involve complex and miraculous processes.

Howstuffworks.com explains that bees use two main tools in their search for food: a solar compass and an internal clock. Bees use their solar compass to remember the location of objects relative to the sun. Since they are able to see polarized light, their solar compass is unaffected by whether it is a sunny or cloudy day. The second tool,

a bee’s internal clock, keeps track of how long the bee has been searching for food.

What is amazing about the combination of these abilities is that bees are even aware of how the sun moves throughout the time that they are searching for food. This means that when the bee returns to its hive, it can tell its hive mates exactly where the food is relative to the current position of the sun — not just relative to where the sun was when it found the food.

LiveScience describes a new theory regarding how bees detect flowers: Most plants have a slight negative charge relative to the air around them, while flying bees have a positive charge. Wired explains the positive charge of bees by using the analogy of wings ac-

cumulating charge as they zip through the air the same way that electrical charge accumulates on a person shuffling across a carpet.

To test whether these opposite charges help bees locate flowers, researchers used artificial flowers, half of which were electrically charged and filled with sweet nectar, the other half of which had no charge and were filled with a bitter solution. As expected, the bees quickly learned that the good food could be found in the electrically charged sweet flowers.

But the real test came when the researchers switched off the electrical charges. When none of the flowers was electrically charged, the bees simply visited the flowers randomly. The results of this ex-

periment suggest that bees do indeed use the electric charge of plants to find nectar-rich flowers. What’s more, biologists discovered that flowers that have already had their nectar harvested become more positively charged. This way, bees know not to waste their time visiting flowers that no longer have much nectar.

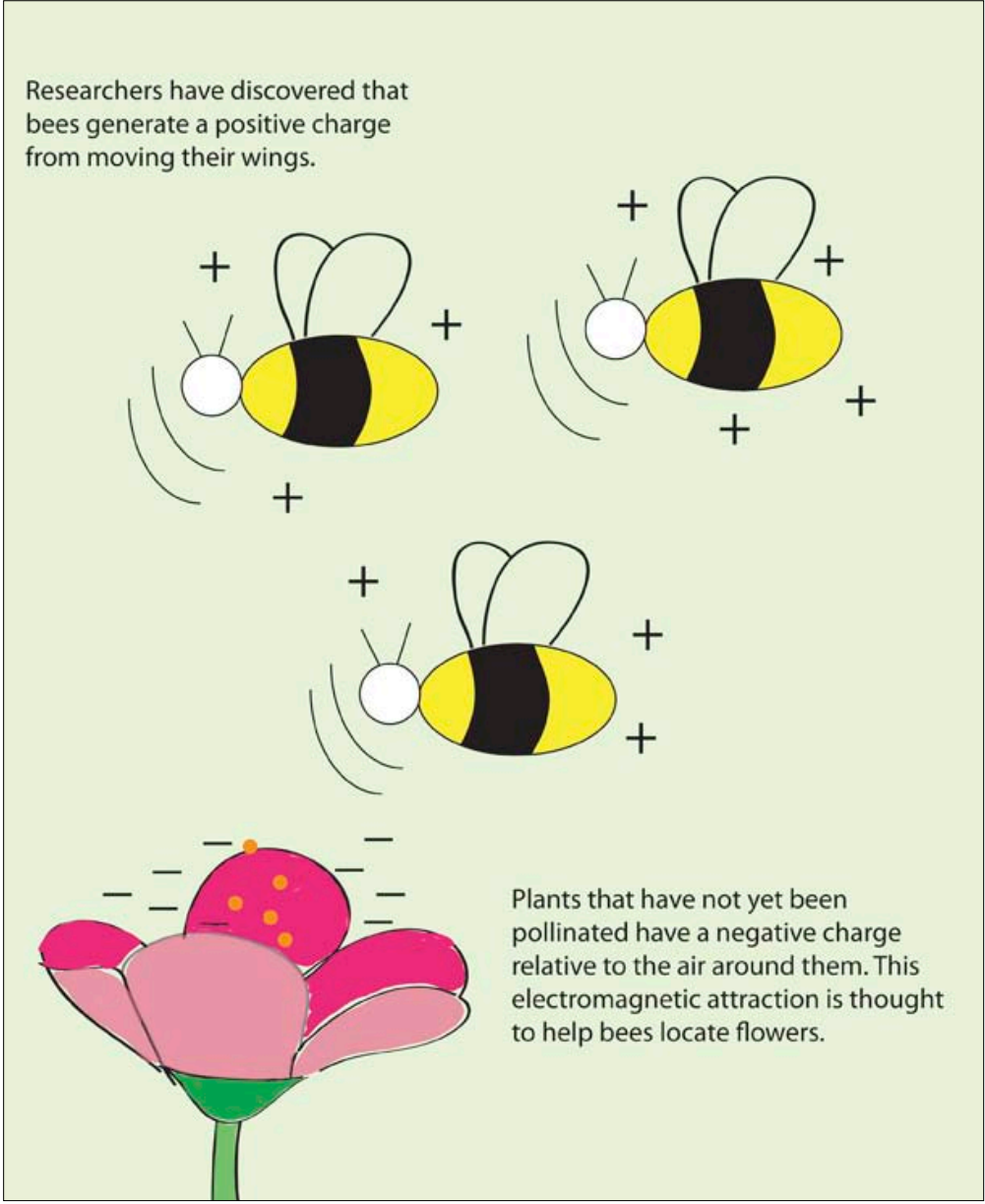
After locating where nectar-filled flowers are, bees need to communicate to their fellow hive mates where they are. Howstuffworks.com explains that if the food is close to the hive, the bee will perform a round dance. This type of dance consists of traveling in loops in alternating directions. The round dance does not point in the direction of the food, it merely tells the other bees that food is nearby. When food is close, the other bees can usually find it on their own simply by using their odor senses.

A more complicated dance, which is performed when food is far away, is called the waggle dance. The waggle dance consists of flying in a straight line followed by returning loops. The direction of the straight line indicates the direction of the food in relation to the sun.

For example, if the bee runs straight up the hive walls, this means that the food can be found by flying toward the sun. Conversely, if the bee runs straight down the hive wall, the food can be found by flying away from the sun. The quality of the flowers are indicated by the speed of the returning loops.

The most important part of the waggle dance is the waggle run. As the bee flies its straight line and returning loops, it vibrates its wings and waggles its abdomen. By doing so, the bee moves the air around it, allowing other bees near it to learn the location of the food by the change in air movement.

Bees are not to be taken as mere insects — with solar compasses, internal clocks, electrical attraction to plants, and intricate dances, they are a highly efficient and cooperative species that find food and communicate in astonishing ways.



Michael Setzer/SciTech Editor



Engineers push for collaboration on shale gas research

MICHAEL SETZER
SciTech Editor

The energy climate of the nation, and especially south-west Pennsylvania, was transformed by the discovery of the Marcellus Shale. The fracking boom has been a source of controversy, and has brought up many important questions regarding the economy, the environment, and policy. Recently, researchers from Carnegie Mellon have traveled to Washington, D.C. to speak with policymakers and share their recently completed 30-page policy guide on shale gas. The team that traveled to Washington included engineering and public policy professor of the work and assistant director of policy outreach for the Scott Institute Deborah Stine, civil and environmental engineering professor Jeanne VanBriesen, associate professor of engineering and public policy and professor in the Tepper School of Business Michael Griffin, head of the mechanical engineering department Allen Robinson, and Ph.D. student in engineering and public policy Austin Mitchell. All are also associated with Carnegie Mellon's

Scott Institute for Energy Innovation, which was launched last September. The team's main goal in Washington was to give policymakers and members of government a primer on shale gas, and inform them of the current research that was occurring at Carnegie Mellon in regards to water resources, air pollution, and gas wells. The group also focused their attention on pushing for a research initiative between universities, government, and industry. The researchers stressed that there are many problems on how research is currently done in shale gas. According to Stine, many academic institutions are working on a "shoe-string budget," with very little funds available when it comes to shale gas research. Mitchell also notes that research conducted by the gas industry can sometimes draw skepticism. "There's always that question of 'well, is the work biased?' and even if the work is good, it's tough to avoid those sorts of questions. If somebody from the environmental group pays for the work, then you have the opposite occurring," he said. Enter the university-gov-

ernment-industry research initiative. The team believes that this collaboration between the different parties will result in better energy research with better solutions. Stine believes this setup would allow an independent board to prioritize research funds, and reduce the redundancy that is currently occurring in shale gas research. Mitchell also stresses the need for communication across institutions. "What we've experienced is all these different people need to come together to support this initiative and to support research and understand what basically is going to be a huge part of the energy landscape of what's to come," he said. "That is something that we collectively believe is necessary to set a new agenda for conducting research in this area. I think it can allow us to maximize the benefits of shale gas but also understand and minimize the costs." In Washington, the group members met with representatives from the Obama administration, members of the Senate and House of Representatives, and representatives from the Environmental Protection Agency (EPA) to discuss their

policy guide and give their pitch for the research initiative. According to Mitchell and Stine, the trip seemed to be a success. "I think it was very successful. We got very little negative feedback," Stine said. According to Mitchell, everyone they met was informed and receptive to their ideas. "I think we did a really great job communicating our research and community the need for this initiative," he said. There were, however, questions of concern regarding how this initiative would be implemented, who would pay for it, and what specific processes would need to take place. According to Mitchell, currently all of the budget allotted for shale gas research goes to government organizations such as the EPA and the Department of Energy. To Stine and Mitchell, this trip to Washington was just the beginning. Moving forward, the Scott Institute will continue to publish about three to four of these policy guides a year, according to Stine. In May, a similar group within the institute will travel to Washington, D.C. to brief policymakers on renewable energy resources. With shale gas estimated to account for almost half of the natural gas supply in the United States by 2040, the researchers in the Scott Institute hope to impact policy as soon as possible.



Shale gas wells are becoming increasingly common, especially in Pennsylvania.

Courtesy of Wikimedia Commons

Shale gas policy guide: What's in it?

An overview of shale gas:

- Shale gas production is increasing rapidly and is expected to become half of the U.S. natural gas supply by 2040.
- Shale gas is trapped within shale formations, which is fine-grained sedimentary rock. It used to be very costly to extract this gas, but advances in horizontal drilling and hydraulic fracturing have now made it more economical. Shale gas is extracted through a combination of hydraulic fracturing and horizontal drilling.

The costs and benefits of shale gas drilling:

Pros:

- Economic: potential of long-term job creation and lower energy prices
- National security: the U.S. will only be reliant on North American energy supplies
- Environmental: displaces sources such as coal and oil

Cons:

- Environmental: shale gas extraction process can affect ground and surface water resources if performed incorrectly; shale gas production has air pollution emissions

An argument for a government-university-industry research initiative:

- Carnegie Mellon proposes a government-university-industry initiative "to fill critical gaps in knowledge at the interface of shale gas development and environmental protection so the nation can better prepare for its energy future."
- The initiative would reduce redundancy in shale gas research and provide a firewall between the priorities of research. The team believes that collaborative research may appear more trustworthy than that funded only by industry or government.
- The initiative would provide an easier system for policymaking by streamlining information and communications.

Source: Shale Gas and the Environment: A Critical Need for a Government-University-Industry Research Initiative

COMPILED BY BROOKE KUEI AND MICHAEL SETZER


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Forum

FROM THE EDITORIAL BOARD



Braden Kelner/Forum Editor

Midway Market removal neglectful of organizations

In 2011, Spring Carnival Committee erected a tent known as Midway Market on Carnival’s Midway in Morewood parking lot. As part of a two-year experiment, Midway Market served as a location where organizations without booths could interact with students, alumni, and other guests.

However, Midway Market will be absent from this year’s Carnival celebration.

While the Midway Market tent lacks the flair of the booths, an option for promotion should be made available to smaller organizations that are unable to participate in booth building.

Spring Carnival embraces every aspect of Carnegie Mellon’s unique campus culture, and the event must

continue to represent every part of this culture by remaining inclusive to all parties involved. While most large organizations on campus — particularly Greek chapters — have the manpower and resources to build booths, smaller organizations are unable to do so, largely due to the limited membership. Midway Market provides a way for smaller organizations to promote themselves during Carnegie Mellon’s annual celebration.

Spring Carnival is also a celebration of students’ accomplishments. From booth to buggy to Mobot, Carnival has always been a way for students to show off to those both within and outside the campus community. This opportunity must remain extended to all organizations

and individuals hoping to show off their accomplishments.

The Spring Carnival Committee must work with organizations to create an alternative resource or location for the Midway Market tent. Although Spring Carnival Committee deemed Midway Market a two-year experiment, the committee should make an efforts to reach out to organizations affected by the loss of their Carnival venue.

The committee has made clear efforts in the past to represent all organizations, as is apparent by their decision to create Midway Market in the first place.

While these efforts are commendable, it is imperative that they are continued, not abandoned, in the coming years.

Activists should be respectful of university members

Activists protesting organ harvesting in China, as well as activists from the Human Rights Campaign, have begun regularly appearing on campus this past week.

In particular, the issue of alleged organ harvesting in China is both incredibly important to discuss and deeply complex.

However, perhaps the methods activists are employing to bring attention to this issue could be re-evaluated.

One of the activists’ most common locations is the main entrance to campus — the first step on the stairs facing Forbes Avenue. This position requires most students to pass them on the way to class.

While this minor inconvenience is

not a huge issue, it discourages students from being receptive or active listeners. If a student is running late to class, stopping to talk to a person with a flyer can seem trivial and irrelevant.

The other major problem with the activists’ campaign is the actual content of their flyers. The content borders on sensationalism in its attempt to raise awareness. For example, the front page of the organ harvesting protesters’ handout depicts a little girl in the rain holding a sign that reads “Killed for their belief.”

Furthermore, the content of the flyer — specifically the explanation of Falun Gong — serves as an attempt to sway religious beliefs.

Page six of the packet has an in-

depth description of the faith, as well as several charts depicting health benefits for practitioners, as “many people just like you take up the practice of Falun Gong and experience health benefits.” This attempt at conversion is so obviously partisan that it detracts from the overall issue at hand.

Public activism always has its issues — people are often too busy to connect with activists, even for extremely important causes. Because of these difficulties, organizations choosing to promote their causes on campus must strike a balance between enthusiasm for their cause and respect for the busy schedules and various beliefs of students who pass them on their way to classes.

Incentives for student leaders should be considered

This year’s student body election for student body vice president for finance (SBVPF) features a 100 percent increase in candidates: from one to two.

In the last election, senior lighting design major Jon Mark ran unopposed, and while he has done a commendable job as the SBVPF, it is clearly in the campus’ best interest that more than one or two candidates run for these important student body positions.

As the official student government website describes, the student body vice president for finance is “the financial representative for the entire undergraduate and graduate student population at Carnegie Mellon.” The SBVPF has extremely important duties that dictate the operation of many crucial student organizations and activities — duties that are too important for a can-

didate to win by default. This apathy toward crucial student positions also applies to more than just the student body vice president for finance; the competition for student body president is just two tickets this year.

The key to fixing this problem lies with discernible incentives. The heads of student organizations put an extraordinary amount of time to ensure that our campus functions as it should, and this monumental time commitment likely deters many potential candidates.

A system of incentives could attract qualified and dedicated candidates to help run our campus organizations and government, and keep our campus community performing at its best.

While options for incentives are plentiful, one incentive could be payment for serving in positions of leadership. After all, the SBVPF’s as-

sistant is paid while the SBVPF goes unpaid. Payment could motivate students currently compensated for a position to move to higher positions that are currently unpaid.

Another incentive could be units. After all, many of the skills that students learn through leadership positions are also taught in the classroom, including handling finances, drafting proposals, and presenting plans of action to others on campus.

Many qualified candidates hesitate to run for important positions around campus, due to the time commitment of the job.

A system of incentives alone would not remedy this problem, but it could help motivate many of these individuals to take a greater role in our campus community, and reward those who are already devoting a great deal of their time toward campus activities.

Online activism does not produce lasting change

Braden Kelner

BRADEN KELNER

Last week, the Supreme Court considered the constitutionality of Proposition 8 and the Defense of Marriage Act (DOMA). Proposition 8 bans gay marriage in California, while DOMA denies federal marriage benefits to those in same-sex marriages. Inspired by the Human Rights Campaign, an organization working for LGBTQ rights, many Facebook users changed their profile pictures to a pink equal sign against a red background in support of marriage equality.

While support for gay marriage is admirable, Internet activism doesn’t result in true change when it comes to controversial issues. If they want success, social media campaigns must focus on getting people out from behind their computer screens.

Currently, social media is unable to motivate users to create lasting change. According to Malcom Gladwell, a staffwriter for *The New Yorker*, social media creates weak ties, “[which] seldom lead to high-risk activism.” Strong relationships promote action, but these connections are hard to build online.

While changing a picture or liking a campaign page on Facebook raises awareness of national and global issues, it does little to create tangible benefits for those in need. Gladwell notes that each of the 1,282,339 members of the Save Darfur Coalition’s Facebook page on average only donates \$0.09. These contributions amount to a mere donation of approximately \$115,410.

This meager donation from well over 1 million people for a war-torn region shows that, while social media can garner support for a cause, it is unable to motivate people to take action.

Additionally, Michigan State University research assistant Jessica Vitak found in a study that the more intensely people use Facebook, the less likely they are to participate in other forms of political activism. While she found that they may be influenced by others’ posts, people are less likely to promote change in public the more they promote change from their own computer.

In order to promote real change through social media, campaigns need to reinvent how they advertise. Those hoping to promote change must do more than ask others to like their photo on Facebook or share their link, which only raises awareness. While awareness is valuable to any campaign, people aiming to promote change should focus on tangible ways that people can help outside the realm of social media. Their descriptions of issues should not focus on sharing or liking a post. Instead, leaders of a cause should include ways in which people can publicly address an issue in their community or nation.

The Supreme Court may rule that legislation like DOMA and Proposition 8 are unconstitutional, but these decisions won’t be made because of changed profile pictures. They will be influenced by the testimonies of those brave enough to present their cases and those who leave their computer screens to protest in public.

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

Internet activists capable of getting the word out

Satvika Neti

SATVIKA NETI

Unless you don’t use Facebook, or you have been living under a rock for the past week, you have probably seen in your news feed that many profile pictures are now equal signs.

Internet social activism is a growing trend that you can advocate with the press of a button — and it keeps hitting social media users with different campaigns. The most recent one before the current campaign for marriage equality was Kony 2012.

Obviously, there are many criticisms to this kind of activism, the most germane being that it doesn’t do anything to further a cause. Liking a Facebook post and changing your profile picture does not help the Supreme Court decide anything in the coming months, just as changing your profile picture to feature Kony last April did not end up really helping the people of Uganda.

But the silver lining to this — the good side to what is almost affectionately called slacktivism, a combination of “slacker” and “activism”, — is that it gets the word out.

Internet activism makes people aware of issues and can inform others about the issue. People who had no idea about Kony but were truly interested could do research and help provide the Ugandans with

supplies they needed. On the other hand, even if those people did not end up giving to the cause, at least they were educated about the issue from seeing the mass of changed profile pictures.

Regarding marriage equality, the changed profile pictures, the Human Rights Campaign’s logo, creates kinship against the wave of opposition to the repeals of Proposition 8 and DOMA. While there are issues of making the campaign an “Allies” fight as opposed to LGBTQ individuals addressing their own conflict, seeing the mass of equal signs would surely comfort someone struggling with his or her sexual identity.

Research also shows that slacktivists are not necessarily slackers. A 2010 survey by TNS Global suggests Internet slacktivists are just as likely to donate their money to a cause as non-slacktivists, and even twice as likely to volunteer. They are also more likely to recruit people to a cause, request donations, and sign petitions that end up changing politicians’ positions. The bottom line is that people’s activities are not defined by their online activity.

Even if it might not be the best way to help win any legal or financial battles, slacktivism can be a key to garnering support and promoting discussions of controversial issues.

This type of activism helps fight the social battles — and win them.

Satvika Neti (sneti@) is a staffwriter for The Tartan.

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Court must favor same-sex marriage



Proposition 8, California’s ban on gay marriage, and the Defense of Marriage Act (DOMA) which prevents same sex marriages from being recognized at the Federal level, went before the Supreme Court last week. The court has several options regarding these two laws, but it should dismiss the Proposition 8 case on procedural grounds and overturn DOMA in the name of states’ rights.

Potential rulings on Proposition 8 could be wide and varied. It could strike the amendment for just California because the California Supreme Court ruled a gay marriage ban unconstitutional. This decision would be considered a narrow ruling. The court could also say that any state ban on gay marriage is unconstitutional and strike it down for the country, similar to *Roe v. Wade*. This would be considered a broad ruling. Additionally, the court could dismiss the Proposition 8 case altogether, saying that to continue a lawsuit, you must have been harmed in some way, and the supporters of Proposition 8 have not been harmed by gay marriage. The court could also declare that civil unions and marriage are the same thing, which would have very unclear implications.

If the court takes a broad ruling,

it would give the Federal government police power — the power to regulate people, not as consumers, income-earners, or smokers, but as human beings living, breathing, and trying to get married. This power is reserved for the states.

If the court takes a narrow ruling, it would respect states rights and police power, but only overturn California’s gay marriage ban. But there is no need to. The court should not only respect states rights and police power, but also preserve everyone’s freedom to marry by dismissing the case on the grounds that those suing have no reason to be in court.

In all seriousness, if someone’s gay neighbors get married, he or she is no worse off. Gay people already live together. It really doesn’t affect anyone else if they’re granted the legal rights of marriage.

When someone sues the Federal government, it’s because he or she was hurt or otherwise damaged. When the gay couples suing the government won their case in California court, the damages done to them were repaired. They were allowed to marry. They didn’t appeal the case. The case is in Federal court now because the supporters of Proposition 8 continued the case. They have no right to be in court because they were not damaged.

If the case is dismissed, then gay marriage remains a state decision — as it should be — and gay couples in California get to marry. More importantly, this decision legally recogniz-

es that gay marriage has no negative externalities, and nicely slaps the faces of Proposition 8 supporters by telling them that their position is so invalid that the court won’t consider their arguments.

The DOMA case is simpler. Gay marriage is a state issue. Conservative justices must limit Federal power by saying that the Federal government can’t invalidate state police power in recognizing marriages. I believe that the liberal justices will cast four votes for overturning DOMA and Chief Justice John Roberts and Associate Justice Anthony Kennedy will join them on the grounds of Federalism.

Interestingly enough, Section 2 of DOMA isn’t being challenged. This section says that states don’t have to recognize gay marriages made in other states. This flagrantly violates the Full Faith and Credit Clause of the Constitution (Article IV, Section 1), which states that laws made in one state have to be respected in another. Why this isn’t being challenged in court is a mystery — it’d be a very quick way to repeal DOMA.

The court is likely to overturn DOMA and to at least recognize gay couples’ rights to marry in California by taking either a narrow ruling or dismissing the case altogether. Either way, it’s a win for gay marriage and a win for limited government and states’ rights.

Kyle Henson (kahenson@) is a staff-writer for *The Tartan*.

Experiences at German university reveal issues



My preparation for the interview to study abroad seemed perfect. The opportunity to leave RWTH Aachen University, Germany for Carnegie Mellon sounded like the opportunity to travel to a better place.

When I found myself being assessed on my capacity to represent my home university abroad, I displayed my enthusiasm for Carnegie Mellon, a place I read about in Randy Pausch’s *The Last Lecture*. There was, however, one question that I had not seen coming:

“As an ambassador for our university, what is it that you would tell an American in order to make him come here for a year?”

At the time, Carnegie Mellon seemed to be an escape from a place whose strengths I did not yet recognize. There are several flaws of my university and the approach it takes to educating future engineers.

With four to five courses each semester, the workload in Germany — particularly having problem set after problem set thrown at me — was frustrating. Instead of fostering interests in a specific subject, the weekly workload made it impossible to further research a topic presented in class. My expectations of a scholarly life full of captivating insights were not met. Quite the opposite, at no point did the university appear to care about its students, with the most difficult subjects like thermodynamics yielding 40 percent fail rates. Achieving a C+ or B- on an exam was often considered an above-average performance.

I also did not see myself thriving in an environment with large class sizes and little space to study, both due to funding. Even though RWTH Aachen is funded more adequately than any other university in Germany, according to *Financial Times Deutschland*, our “first-year experience” in engineering is sitting in a gigantic lecture hall with over 1,000 students. During my first year, I had trouble coping with the fact that I seemed to have turned from an individual into a mere number. I could not help but feel that my institution would not notice if I dropped out.

Finding study locations during the most intense periods of the semester became an art itself. A long

queue of students waiting outside the library at 8 a.m. was a common observation.

This lack of funding hurt the undergraduate experience, as it made individual lab experiences impossible and it impinged on lectures. Mal-functioning microphones in the lecture halls of Germany’s top technical university are expected. Despite the university officials’ promise to make lecture hall equipment reflect the high standards of RWTH, the implementation of these changes are slow. If installing a new microphone is economically unfeasible, how can one even hope for a more practical lab experience that utilizes expensive equipment?

Professors also often have limited availability. The conversations I have had with professors always inspired me — reason enough to fantasize about how great close collaboration between students and professors would be. While teaching assistants were available to speak multiple times a week, professors were not often available because they rarely have set office hours. One of the reasons for that is the role of professors at a lot of German universities. Rather than being heavily involved in research themselves, professors act as managers who define the pathway that research in their department should take. Therefore, their connection to undergraduate students is often limited to the lectures that they give.

Because of these aspects, Carnegie Mellon embodied the “Promised Land” in terms of education. I dreamed of small classrooms, fair grading, and problem sets that taught meaningful material. In America, there would be professors with regular office hours, available computer clusters, and grades that reflected the work put into courses.

My hope was that combining experiences from German and U.S. universities would help students become better engineers.

While my experiences at Carnegie Mellon have allowed me to realize my home education system’s flaws, they have also allowed me to identify its strengths, which I will talk about in my next article.

This article is the first in a series of articles detailing the realizations of an exchange student at Carnegie Mellon.

Humanities students are worthy of pay



If I had a dollar for every internship opportunity that had everything I was looking for until the fine print of “unpaid, academic credit available” — why, I’d probably be able to afford to take the job.

As a professional writing and English double major, I have never had a paid internship. My work, in and out of school, has never been paid. When comparing summer plans with my peers — coming from a variety of majors, mostly in the technical fields — their reactions are always the same: “Don’t take the job, then! Hold out for someone who’ll pay you. Isn’t that technically slave labor?” And, unsurprisingly, my answer is always the same: “There are no paid, fulfilling jobs for me to take, especially in this economy.”

I may be biased, but I believe the problem of unpaid internships exists almost entirely in humanities fields. I have never witnessed a computer scientist forced to choose between a fantastic, experience-boosting unpaid internship and a boring, unrelated internship that pays them well. But this scenario is something my friends in the humanities must deal with. Internships rarely allow humanities students to have it all.

That fine print in internship ads can be a death sentence, particularly for those not from affluent families. Money always comes first; you can’t pay rent with all the “experience” you get from an unpaid internship.

It’s unrealistic for companies to think that their interns will be diverse when so many candidates don’t apply simply because they can’t afford it. Even more insulting is when companies offer a minuscule stipend below minimum wage, thinking that it will put them morally ahead of those that don’t pay at all.

However, my main problem with unpaid internships is how pervasive they are within the humanities. The field is already the butt of many jokes — especially at Carnegie Mellon — so why add more problems for its students to deal with? When it already feels like your major is being questioned 24 hours a day, not having a company validate your skills with a paycheck is depressing.

To illustrate, during my search for jobs post-graduation, I filled out a *careerbuilder.com* profile and signed up for email updates on jobs that matched my résumé and skill set.

The potential jobs I was matched up with? Office assistant, office manager, and secretary.

Out of hundreds of jobs on *careerbuilder.com*, the site couldn’t find a single paying job that remotely matched my interests. Sure, the results might just lie with how the website’s algorithm works, but it’s insulting nonetheless. Meanwhile, when I widened my search to include internships, the world seemed to open up and I found plenty of unpaid opportunities waiting for me to take advantage of.

For me, the reasoning behind this situation seems to be simple. To companies, my skills are not worth paying for compared to those of my technically-minded peers. After all, the companies already believe they

are going out of their way to so generously give me “experience”; how dare I ask for anything more?

To a degree, tech companies are able to pay interns because of how the economy currently works. But that does not excuse the historical precedent of the rampant unpaid internships for humanities students.

I spent the last four years honing my skills, trying to be a jack of all trades so I could become an irreplaceable asset who deserves to be paid. I can do more than just read and write — I can think critically, work in groups, lead teams, write persuasively using time-honored rhetorical techniques, evaluate what audiences want, translate complicated jargon into coherent and concise pieces, and use a plethora of software to create aesthetically pleasing designs, just to name a few of my skills.

These are the kinds of abilities that will help keep a company afloat — no matter its field. Successful companies balance both technical skills and communication skills.

But unpaid internships have become ingrained in society. Humanities students are willing to work for free because companies do not value their skills. And so, the vicious cycle began when students were grateful simply to land internships — no matter the cost — and companies realized how much they could get away with when hiring interns.

There is no clear solution to this issue. However, the solution will have to start with how society views the humanities and the value it places on the skills taught in the field.

Emily Dobler (edobler@) is a staff-writer for *The Tartan*.



A PERSON’S OPINION

Compiled by Jonathan Leung

The Tartan is feeling a bit adventurous. So we asked,
What’s your favorite off-campus location to visit in your free time?



Andrew Yee
Chem E
Sophomore

“Pamela’s at Squirrel Hill.”



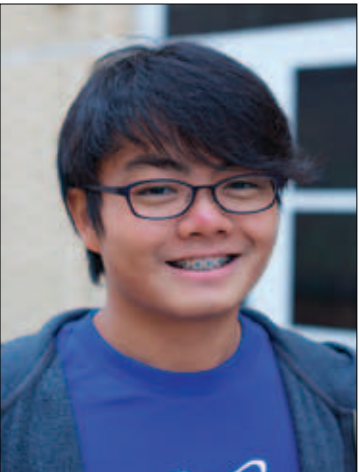
Giancarlo Roach Rivas
Public Policy and Management
Graduate Student

“Walnut Street.”



Amy Desalazar
ChemE & BME
Sophomore

“Carnegie Science Center.”



Andrew Liu
Physics
First-year

“Carnegie Music Hall.”



Justin Knobloch
Materials Science & BME
First-year

“The Waterfront.”



Sports

Track and field teams host, succeed in mini-invite



Kate Groschner/Photo Editor

Carnegie Mellon's track and field teams hosted a mini-invitational on campus last Saturday. The men's team came in first place overall, and the women's team came in second place.

VINAY VISWANATHAN
Staffwriter

The men's track and field team seized victory in its home mini-invitational on March 30, besting squads from Denison University, Allegheny College, SUNY Fredonia, and Waynesburg University. The men's squad succeeded in both the running and field components of the competition, winning six field events and three track events.

The women's team placed second behind Waynesburg University, winning four of the five events and scoring 129 points. First-year distance standout Rekha Schnepf said, "I think that for our second outdoor meet, both teams are looking pretty strong.... People are just improving a lot, because after going through indoor, everyone's had at least a few experiences running in track events."

The distance teams for both squads are performing at high levels. Sophomore Erin Kiekhaefer, senior Emily Wobb, and sophomore

Halley Bayer placed second, third, and fourth respectively in the 1500-meter run. Bayer also won third in the 800-meter run, with a time of 2:25.44. Senior Leila Bouabdellaoui won second place in the 3000-meter steeplechase, with a time of 12:25.01.

Sophomore Sara Kelly said, "This was a good starting point; hopefully we can get a little bit of momentum going to the upcoming meets, which are going to be bigger."

The women's sprint team also did well. First-year Jenna Asperslag finished second in the 100-meter dash and third in the 200-meter, and fellow first-year Alexandra Lewis received second in the 200.

Junior Jacqueline Guevel took first in both the 100-meter and 400-meter hurdles, and junior Carineh Ghafafian finished third in the 400-meter run. "We have a lot of new girls this year and it's nice to have some new faces.... We have a couple girls who are just powerhouses," Bayer said.

Bayer praised the 4 x 400 relay team of Kiekhaefer,

sophomore Sasha Spalding, Ghafafian, and Guevel, giving particular credit to Spalding. "[Spalding has] really been a key player," Bayer said. "She even started throwing and jumping." Spalding also competes in the heptathlon for the track and field team.

The men's side of the team captured the first-place prize with 234 points. First-year javelin thrower Paul Hamerski placed third in the javelin, trailing less than three feet behind the javelin winner, junior David Markowitz.

Speaking of the throwers, Hamerski said, "everyone just did their best ... we're all just trying to improve."

He went on to commend senior thrower Pat Robinson and Markowitz particularly for their personal records at the mini-invite, saying, "it's all pretty much a constant attitude of getting better."

Young players were pivotal to the men's team, with sophomores Thomas Vandenberg and Douglas O'Connell finishing in the top two of the 800-meter running event, fol-

lowed by first-year Marc-Daniel Julien in third. The men's team captured the 4 x 400 relay, as well as the second-place prize in the pole vault due to a strong showing by sophomore Mike McDermott.

Richard Max Reinertsen, a first-year jumper, won the triple jump and placed fourth in the long jump behind fellow first-year Patrick Chang, who claimed third. "This year's team is really, really large, with a large freshman class who's contributing a lot," Reinertsen said.

The track and field team improved its overall unity at the tournament as well, with competitors making a conscious effort to observe and cheer on their teammates in other events.

"We're trying to, at meets, watch the other events and be supportive as a team," Kelly said.

And, at the end of the day, the team enjoyed the meet. Reinertsen said, "I think it was nice to be at a home meet, and to be able to relax and have fun on a beautiful day."



Alan Vangpat/Senior Staff Photographer

The women's track and field team placed first and second in the 4 x 400 meter relay and the 4 x 100 meter relay, respectively.

Women's tennis falls to Johns Hopkins, Washington and Lee



Jonathan Leung/Assistant Photo Editor

Women's tennis fell to both Johns Hopkins University and Washington and Lee University this past weekend.

ABBY SMITH
Staffwriter

In a rematch of last month's Intercollegiate Tennis Association National Team Indoor Championship, the outcome remained the same as Johns Hopkins University nipped the Carnegie Mellon women's tennis team 5-4 Sunday afternoon. The fourth-ranked Blue Jays improved to 7-2 on the season, while the seventh-ranked Tartans slipped to 8-4.

The Tartans faced setbacks going into the match, with junior Katie Cecil out with an injury. "It was difficult for everyone to have to move up a position. We hope Katie has a quick recovery," said sophomore Angela Pratt.

The Tartans were originally up 2-1 after doubles and gained more momentum when sophomore Chelsea Motie won at No. 1 singles. The pressure was on the No. 6 singles match, but Johns Hopkins junior Abby Clark sealed the win with a 6-3 victory over Carnegie Mellon sophomore Bryn Raschke. Pratt gave the team its final victory of the day in the No. 3 singles.

The Saturday before, the Tartans took on Washington and Lee University in Lexington, Va., falling 2-7 to the 18th-ranked Generals. Carnegie Mellon picked up its first point with a 8-1 victory from the doubles duo of first-year Brooke Tsu and sophomore Lydia Utkin in No. 3 doubles. First-year Abbey Hamstra

won her 11th match of the season when she defeated Claire Cahill from Washington and Lee at No. 5 singles.

The team remains positive about the outcome of the weekend. "We were really close in all of our matches," Tsu said.

"The team showed a lot of passion, but we couldn't get it done," Cecil said. "We will bounce back."

The Tartans put the losses behind them as they look forward to host the University of Pittsburgh on April 10.

Editor's Note: For coverage of the men's tennis matches against Washington and Lee University and Johns Hopkins University, visit The Tartan online at www.thetartan.org.

COMMENTARY

Changes in NL Central means hope for Pirates this season

CARL GLAZER
Staffwriter

Baseball's opening night game last Sunday between new American League (AL) West opponents, the Texas Rangers and the Houston Astros, began a season that will introduce one of the most sweeping changes in Major League Baseball. The season will also hopefully see the Pittsburgh Pirates achieve their first winning season since 1992.

The most notable of these changes is the Astros' move from the once-six-team National League (NL) Central to the previously four-team AL West in an effort to balance the divisions and to give teams a more even field in which to win their division and guarantee a playoff spot.

With this move, the AL and NL are now balanced at 15 teams apiece, forcing Interleague play to shift from

a three- to four-week novelty during May and June to a year-round necessity.

The Pirates and the rest of the NL Central should be relieved that their six-team divisional logjam is finally remedied, even if it means removing the pitiful Astros. Unfortunately for the Pirates, the division is still stacked, and they face an uphill battle to finally posting a winning season.

Let's look at each team in the NL Central, breaking down off-season moves, strengths and weaknesses, as well as predicting how they will finish come September.

First Place Cincinnati Reds

The Reds finished last season in first place with a devastating offense and a lights-out pitching staff. Even though they finished last year with the second-most wins in base-

ball, the Reds were still active this off-season, trading center fielder Drew Stubbs for right fielder Shin-Soo Choo from the Cleveland Indians in a three-team deal. While some people question this move from a defensive standpoint — Choo has never played center fielder in his major league career — the offensive impact is quite apparent. Choo fills the large hole at their lead-off spot and turns the already potent Cincinnati lineup into one of the best in the league.

Second Place St. Louis Cardinals

The Cardinals seem unfazed by any loss of talent. Each year, several key players suffer injuries, and yet St. Louis keeps winning. This year is no different, with ace Chris Carpenter and starting shortstop Rafael Furcal already lost to season ending injuries.

All that being said, the

Cardinals have one of the best farm systems and have several minor league players who are expected to contribute this year, including outfielder Oscar Taveras who will start the year in the minors, and three young pitchers starting in the majors — Trevor Rosenthal, Shelby Miller, and Joe Kelly.

Third Place Pittsburgh Pirates

After a close call last year, this should be the year that the Pirates have their first winning season in over 20 years. All-Star Andrew McCutchen is fresh off his best season and still has room to grow. Catcher Russell Martin made waves in the off-season by turning down a contract to remain with New York Yankees and instead signing with the Pirates. Hopefully this influx of leadership, in addition to the continued improvement of McCutchen, slugging third

baseman Pedro Alvarez, and former All-Star Gaby Sánchez, will help the Pirates avoid the late-season slumps that plagued the team the past two seasons.

Fourth Place Milwaukee Brewers

Even after losing slugging first baseman Prince Fielder last offseason, hitting the ball was never the Brewers' main issue after leading the league in runs and home runs last season. Milwaukee's real problem lies with its pitching. Milwaukee recently signed veteran free-agent pitcher Kyle Lohse ago to bolster its starting rotation behind ace Yovani Gallardo. While this move certainly helps firm up their starting pitching, there are still major questions with the young pitchers rounding out the back end of the rotation.

The bullpen is also a mess for the Brewers. Last year,

closer John Axford blew seven of his first 23 save opportunities — part of the team's league high 29 blown saves.

Fifth Place Chicago Cubs

Last year the Cubs were really bad, and this season appears to be no different. Playing for the future is Chicago's strategy during the second year of general manager Theo Epstein's rein. The Cubs have a good group of young players lead by Starlin Castro and Anthony Rizzo, but they still need another year or two to reach their full potential.

A strong free-agent class headlined by starting pitchers Edwin Jackson, Carlos Villanueva, and Scott Feldman may give the Cubs some spark this season, but the real payoff will come in a few years when all of the prospects Epstein has amassed begin to make the majors.



Basement Miracle

2013 MFA Thesis
Exhibition

Game of Thrones

The season premiere promises drama
galore over the next 10 weeks • C6

04.01.13 Volume 107, Issue 22

...this week only



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Students start vodka label

Fortis uses distinctive distilling process to create sweet taste

Student-made robots, famous fashion labels, and top-notch actors and film producers are born every now and then from Carnegie Mellon. Senior economic and statistics major Doug Heckmann, senior mechanical engineering major Casey Parzych, and senior information systems and business administration double major Anthony Lorubbio are taking their own path to success by developing their own vodka label, Fortis.

The three have been working on this project since the fall of their junior year. Seeing how well they work together, one would have thought that they had been friends for a long time. Yet, in fact, they did not meet until their entrepreneur class that semester. As a result of their different majors, Heckmann, Parzych, and Lorubbio have knowledge and expertise in different areas, making them a diverse and solid team. This ability to cooperate allowed them to found their company, Midnight Madness Distilling.

Fortis' delicately sweet taste differentiates it from other brands, a result of its unique distilling process with fair-trade, organic sugar cane. The team members thought of the idea while researching possible grains to make vodka; they unanimously chose sugar cane due to its scrumptious taste and individuality.

While they were researching filtering methods, the team also decided to invest in a carbon filter

process. "The product that resulted was some of the smoothest vodka we'd ever tasted," Lorubbio said.

Heckmann, who is in charge of sales and finances, decided to target customers who enjoy a locally produced hand-crafted spirit. The label is looking to launch its Synthe Absinthe next month during Carnival weekend.

One of the biggest lessons the team has come to learn is time management, both in terms of staying on top of the school's heavy workload and maintaining the business' standards. Nights seem to be growing longer and longer: "We did not name our company Midnight Madness Distilling for no reason," Parzych said.

The future is a great unknown for many graduating seniors, but the trio is committed to further building this company and developing not just Fortis, but future brands as well. While there are many renowned competitors out there, Heckmann, Parzych, and Lorubbio know that they are different and really believe in their own products, which they hope will lead to future success.

Amy Tsien | Junior Staffwriter



Courtesy of Wikimedia Commons

Carnegie Mellon seniors Doug Heckmann, Casey Parzych, and Anthony Lorubbio decided to invest in a carbon filter process for a smoother taste when developing their new vodka label, Fortis.

Advice for awkward people

About robot boyfriends and recompense

Dear Patrick,

I just read the April Fools' Day issue of The Tartan, and I am very offended. Your article insulted my club/major/personal identity. I demand recompense! What's the best way to go about attaining it?

Thanks, Brusquely Upset, Satisfaction Yearned, But Otherwise Decent Yarn

Dear BUSYBODY,

Easy now, let's not start throwing around heated words like "recompense" when we don't really mean it. Okay, so you were offended, and you found a joke off-putting. Why? Does it make light of a serious subject? Do you just not like jokes at your expense? Take a moment and think about this. It's a little too easy nowadays to cry outrage and complain to people in power when a joke simply didn't land well.

If a joke actually was offensive, then I'm sure it was not intended to be so hurtful. Yes, many jokes are at peoples' expenses. They are also funny. It's too easy for both the joker and the butt of the joke to forget the people at either end. Let's not start a witch hunt unless someone really deserves it. But if we do, I'd rather be one of the people holding a torch.

This column isn't funny because I'm all out of jokes, Patrick Hoskins

Dear Patrick,

I'm pretty sure my boyfriend is a robot. He's usually pretty emotionless and cool. He takes all instructions very literally. This is all well and good, except I can't get him to remember to do stuff for me! How can I update his programming?

Thanks, Rather Obnoxious Boyfriend Oblivious, Since Emotions eXcite Uninterest, Alterations Likely

Dear ROBOSEXUAL,

Your boyfriend isn't a robot. He's an engineer. Yes, the two can be very difficult to tell apart. They both can seem cold and emotionless. Many tread the uncanny valley. But while robots run only on electricity, engineers need electricity and Mountain Dew.

If you want to get your boyfriend to do what you want, then you're going to need to brush up on those skills from your required programming class and write him a script (not the drama kind). A few simple, straightforward commands, preferably commands he can enter into his phone as reminders. Then he'll do exactly as you ask.

Unless he throws a runtime error, Patrick Hoskins

Need advice? Send queries to advice@thetartan.org.

Wavves' new album shows musical maturity

Alt-rocker's *Afraid of Heights* explores same themes with fresh perspective

"Growing up sucks."

This sentiment was all over the radio in the '90s when bands like Nirvana, Radiohead, Weezer, and other alt-rock misfits ruled the airwaves, but it has recently been lacking in much of newer popular music. That being said, Nathan Williams, who performs under the name Wavves, clearly went back to his childhood CD



Courtesy of Wikimedia Commons

collection (remember those?) in preparation for his band's fifth outing, *Afraid of Heights*, released last Tuesday on Mom+Pop records.

The record draws heavily from and pays homage to the greats of punk and alternative music in both musical and lyrical style. Like those artists he emulates, Williams writes songs about self-loathing, boredom, and a general disdain for just about everything — but with melodic, quiet verses and choruses with guitars and drums turned all the way up, they sound fun enough to shout along with the car windows down.

Williams has been recording under the name Wavves since 2008 with a rotating lineup of backing musicians. Along with Stephen Pope — the only other consistent member of the group — Williams recorded the entire fifth album himself and on his own dime. This independence afforded the pair a great deal of freedom of exploration, as well as a great diversity in music styles on the album. Album opener "Sail to the Sun" travels at breakneck speed with a flying guitar riff that brings you all the way up, and then slams you back down before you have a chance to catch your breath. "Dog," on the other hand, features haunting strings and calm acoustic guitars that, if it weren't for Williams's nasal vocal delivery, would sound like an unreleased track from the Nirvana *MTV Unplugged in New York* performance.

Wavves, also known as Nathan Williams, draws on punk and alternative music influences to produce a diverse new album, *Afraid of Heights*.


Unlike 2010's breakthrough hit *King of the Beach*, which sounded like it was recorded in your mom's basement, *Afraid of Heights* features slick production that doesn't polish away the rough edges. The greatly improved production also coincides with forward leaps in song writing; *Afraid of Heights* is much more consistent than many of the previous Wavves outings. He indulges in spacey studio experimentation and loose song structure at times — such as on "Mystic" and "Everything Is My Fault" — but as a whole, nearly every song sounds focused and fully realized.

On *Afraid of Heights*, Williams is just as full of self-loathing and boredom as before. But while on *King of the Beach* he sounded like he was having fun not having fun, this time the stakes feel higher and the mood a little less carefree. Perhaps he's grown up, and realized that the privilege of complaining about boredom doesn't last forever. *Afraid of Heights* shows a songwriter with enough perspective to look back but also enough maturity to start looking forward — and what he sees in both directions scares him (just listen to the title track or the regret-filled rocker "That's on Me"). In many ways, *Afraid of Heights* harkens back to a time (the early-to-mid '90s) when it seemed that being a slacker counted as a full-time profession to anyone could make a career of it. But as Williams now seems to have realized, we all have to grow up sometime.

Joey Peiser | Junior Staffwriter



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Web series reworks Austen characters

The Lizzie Bennet Diaries applies *Pride and Prejudice* to the modern day with mixed success

“My name is Lizzie Bennet,” says the title character in almost each and every episode of *The Lizzie Bennet Diaries*, usually followed by some clever catch phrase that sums up the episode. The 100th and final episode should probably have begun with, “My name is Lizzie Bennet, and while this whole web series thing is awesome, this isn’t actually *Pride and Prejudice*.”

The web series is an expanding form of media entertainment which entails posting videos to the Internet, usually in a set of episodes. This style of entertainment is relatively new, and has only had its own form of awards — the Streamy Awards — since 2009. *The Lizzie Bennet Diaries* is an adaptation of Jane Austen’s *Pride and Prejudice*, a novel that follows Lizzie Bennet as she struggles with social expectations for young women in early 19th-century Britain.

The Lizzie Bennet Diaries was a fantastic idea. Creators Bernie Su and Hank Green took a famous and well-known tale and used it to experiment with web series, a burgeoning form of entertainment. In their version, modern-day Lizzie Bennet uploads a video twice a week, describing the events of her life and starring herself, her two sisters Jane and Lydia, and her best friend Charlotte Lu (*Pride and Prejudice*’s Charlotte Lucas.) *The Diaries* are funny, light, and fun, especially in their initial episodes.

One of its biggest successes is the character of Lydia Bennet. In the novel, Lydia is silly, vapid, and vain. In the web series, Lydia is a much more vibrant and living character. She’s still a party girl, but the series does not disregard her emotions.

However, Lydia’s modern equivalent of her trip to Brighton — New Years’ in Las Vegas — was where the characterization started to go wrong. The creators turn the novel’s scandal — the unwed Lydia running away from home with a man — into an emotionally abusive relationship. This male character isolates and demoralizes Lydia in the web series, and then threatens to release an Internet video of the two of them having sex.

These two situations are not simply two versions of scandal in two separate periods. *Pride and Prejudice* Lydia chose her own course, in a way that *Diaries* Lydia does not. While Austen does not portray Lydia’s emotional state in Brighton — we only hear of it when Lizzie does, after the fact — Lydia at least had agency in the novel. She chose to run away. There is a world of difference between running away from home with a jerk and being emotionally abused. When a woman in a novel written in 1813 has more agency than a woman in a web series created in 2012, you have a problem.

But the greater issue lies in *The Lizzie Bennet Diaries* as a retelling of Austen’s most famous novel. *Pride and Prejudice* is not a classic novel because of its improbable love story. How many other virtuous yet poor girls were swept off their feet by rich men in Victorian literature? And how many of them do we remember?

We remember Austen because she was one of the best satirists in the English language. She created characters that were the epitome of satirical wit: Mr. and Mrs. Bennet, Mr. Collins, Lady Catherine de Bourgh, and even Lizzie herself all represented different facets of Austen’s own culture during that period. These characters are brilliantly written, funny, and memorable on multiple levels, but they are not suitable for every age and period.

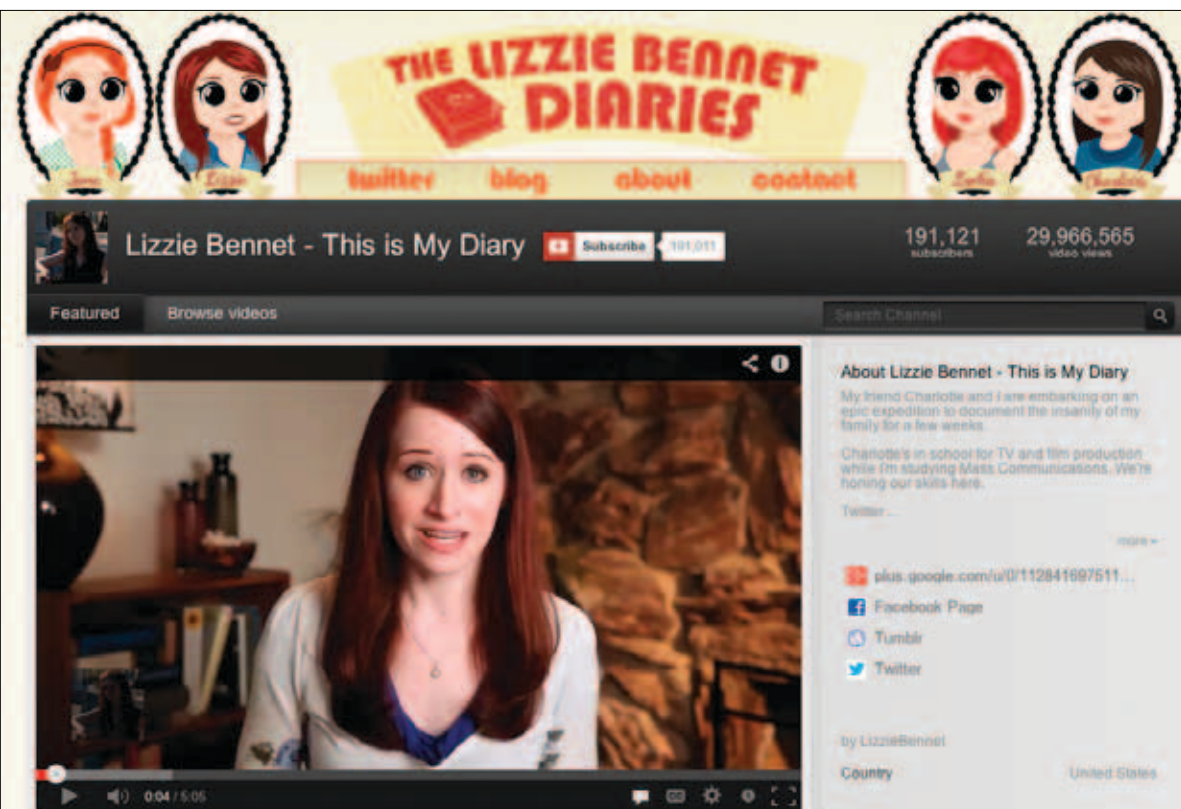
Austen’s satire is timeless, but it is not applicable to modern-day America. The differences between social norms, societal expectations, and personal hopes in early 19th-century England and early 21st-century America are vast, and Austen’s humorous critique of the former does not apply to the latter. Austen satirizes a 19th-century phenomenon: the absolute need for women to conform if they want to have financial and social stability. Though the creators do try to replicate Austen’s restrictive world — mostly by having the Bennet girls worry about college and financial security — the two situations just aren’t the same. Women today must deal with social expectations, of course, but their entire futures no longer rely on emulating such a strict ideal.

That being said, *The Lizzie Bennet Diaries* is a great example of what a web series can become. This new form of entertainment is one of the most interactive forms ever. Each of the characters in the series has his or her own Tumblr and Twitter accounts, updated regularly, and they each answer questions and comments in a variety of Q & A videos. The writers and creators of the show worked hard to make these characters as real and accessible as possible. While *Pride and Prejudice* may not have been the most judicious choice of a story to start out with, the web series genre has a bright future.

Chloe Thompson | Personnel Manager

The Lizzie Bennet Diaries *can be found at* <http://www.lizziebennet.com>.

The Lizzie Bennet Diaries is an interactive web series that allows viewers to follow Lizzie on Facebook, Twitter, Tumblr, and YouTube.



Screenshot courtesy of youtube.com

Game of Thrones returns for third season

The highly popular HBO series leaves viewers thirsting for more after exciting premiere

Warning: This article contains spoilers.

Season three is coming — dark and full of terrors. And most importantly, when you're on *Game of Thrones*, you either win or you die.

The long-anticipated release of the third and most recent season of *Game of Thrones* aired last night on HBO. Since the end of season two, which aired in late May last year, the hype has only escalated recently.

The series, based upon the book series *A Song of Ice and Fire* by American author George R. R. Martin, was launched in April 2011. Martin originally intended the series to be a trilogy but has since decided to extend the series to seven novels, all of which are about as thick as encyclopedias. The novels, five of which have been released, follow characters whose stories are strewn with more plot twists than an M. Night Shyamalan movie.

Because Martin is positively cruel with his characters, it's impossible to say who the main characters are: Just as you're getting used to following one, he or she dies. As of the end of season two, the primary characters (knock on wood) included Daenerys Targaryen, a platinum-haired mother of dragons; Jon Snow, a lord's bastard who fights frozen zombies; Tyrion Lannister, a clever dwarf with a family from hell; and Robb Stark, an accidental candidate for king who leads an army. On the continents Westeros and Easteros, storms are brewing over who will take over the throne, and from there, a plethora of problems ensue.

The amount of detail that goes into writing the novels

and the screenplay is arguably the most compelling part of the show. The story lines are so intricate that Martin has even divulged key plot points from the last two novels to the show's creators, HBO's David Benioff and D.B. Weiss, in case something should happen to him before he is able to finish writing them.

Few people had heard of the books, which are now bestsellers, until the release of the show. For a show that's just turning two years old, *Game of Thrones* has acquired a massive cult following. The story and characters have positively exploded in pop culture, flooding the Internet and garnering nods from TV shows like *The Office* and television personalities such as Jon Stewart. At the end of season two, episodes were attracting more than 10 million viewers, pushing the show to the third-most popular in HBO's history.

Season three started last night with an episode entitled "Valar Dohaeris." In a horrifyingly stressful moment, the network's online service, HBO Go, was overloaded by the amount of viewers trying to access the episode, which delayed viewers from watching.

During the episode, the story lines of all the major players were set up for yet another season of intrigue. Jon Snow's journey beyond the Wall continues, and we finally met Mance Rayder, the King Beyond the Wall and a new key player.

It was clear from this episode that the drama beyond the Wall, which involves not only a rebellion of Wildings but an army of the frozen undead, will be a significant portion of the season. Though not much was seen of

Snow's half-brother Robb Stark, in this episode he continues to deal with the backlash from his mother's decision to release their prime prisoner, Jaime Lannister (a.k.a. the Kingslayer) and march North back to their home at Winterfell.

In the Southern capital of Westeros, schemes and plots continue to emerge: Tyrion, everyone's favorite witty ex-Hand of the King, deals with family and daddy issues — and as a result, he loses what little credibility he had managed to gain. Sansa Stark, daughter of poor dead Ned Stark, is offered an escape from her prison in King's Landing by Lord Baelish, the sneaky whorehouse owner and banker of the king. The new queen, Margaery Tyrell, butts heads with her mother-in-law, Cersei — the letter-ripping former queen and mother of Joffery Barathan, the worst human being to walk the Earth.

Across the Narrow Sea, the beautiful and badass Daenerys Targaryen, faithful adviser Jorah Mormont, and her three growing dragons procure a ship and sail to Astapor, a new location for viewers. In just one episode, she deals with slave traders, a warlock attempting to assassinate her, and an army of eunuchs.

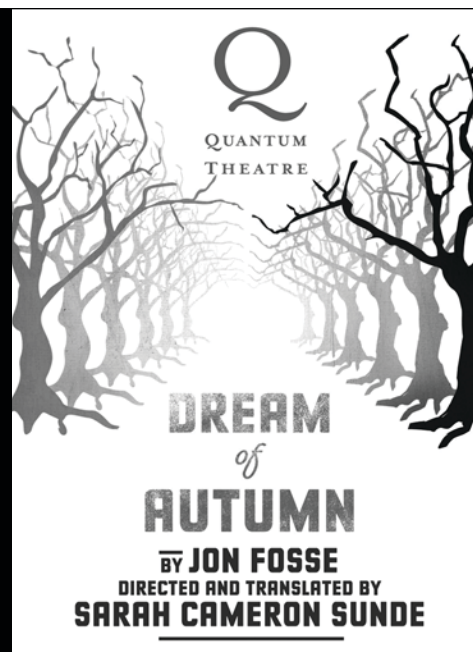
All in all, the episode seems to focus on the schemes of King's Landing, the dragon queen of Easteros, and the horrifying terrors of the frozen wasteland beyond the Wall, leaving viewers both satisfied and curious for the season that will continue to unfold over the next 10 weeks.

Laura Scherb | Assistant Pillbox Editor

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Jennifer Tober & CMU's Gregory Lehane

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Spring Breakers proves wildly entertaining

James Franco and Gucci Mane bring college-age debauchery to the big screen

If you love spring break, partying, and Britney Spears, go watch *Spring Breakers* now. If you hate spring break, partying, and Britney Spears, go watch *Spring Breakers* now. Go straight to the nearest theater playing it. Even if that means taking the 61D all the way to the Waterfront in this endlessly miserable Pittsburgh weather, it's time better spent than sitting in your bed whilst having a *Vampire Diaries* marathon with a jar of Nutella in your hands.

Spring Breakers is the latest project by controversial director Harmony Korine. Selena Gomez, Vanessa Hudgens, Ashley Benson, and the otherwise-obscure Rachel Korine (wife of the director) star as four bored college girls who just want to have fun. However, their idea of fun entails stealing a car to rob a local Chicken Shack, going to insane parties, and getting tied up with some messy drug dealers. James Franco plays one such drug dealer named Alien who is incredibly suspicious, yet declares himself a "gangster with a heart of gold."

Clad with absurdly questionable tattoos, grills, and cornrows, Franco decides to take these four girls — who seem too dazed to be suspicious of the fact that he is a dangerous drug dealer — under his wing. The exception is Gomez's character Faith, who somewhat serves as the moral compass of the posse. But when Franco plays Britney Spears' "Everytime" for the girls on his grand piano, it is enough to win everyone's trust and love.

Another great reason to watch this movie is rapper Gucci Mane, who stars as rival drug dealer Big Arch. The man wouldn't even take off his ice cream cone chains for the movie — but I suppose that it helped bring out his character. The rapper honestly didn't even have to act; he was method acting even more than Franco simply by impersonating himself. I guess that's all you can ask from a fading rapper clutching at his last minutes of fame by the chains.

But don't assume this is a just a vapid intersection

of *Project X* and *Girls Gone Wild*. Neither is it an exploitation of Disney stars. The film makes a very dark transformation from a crowd-pleasing party to a dark underworld of reckless violence. Also, the "spring breakers" themselves are very entertaining and carry the film well enough to defy expectations; they make debauchery seem like an acceptable art form for cinema.

Never for one second will you be bored watching *Spring Breakers* — and I don't mean that the director continually tries to shove things down the movie-making machine so as not to lose your attention. *Spring Breakers* is a believable-yet-fantastical portrayal of four girls who decide to flirt with the dangers of being young, wild, and free. You'll either love it or hate it, and probably for the same reasons. Either way, it's unlike anything you've seen before, and that alone is worth a trip to the movies.

Andie Park | Junior Staffwriter



McConomy Auditorium, University Center

Matthew Zurcher | Staffwriter

Hyde Park on Hudson

Thursday, April 4
9:30 11

Remember your high school history textbook? Remember those little boxes on the side that kept the reading from becoming too tedious? *Hyde Park on Hudson* is one of those boxes. Bill Murray portrays President Franklin Delano Roosevelt during a 1939 weekend getaway with his mistress and the King and Queen of England. Those who enjoyed *The King's Speech* will probably find something interesting here.

Lincoln

Friday, April 5
9:30 12:30

This is like your high school history textbook if it were written by William Shakespeare and narrated by Morgan Freeman. Daniel Day-Lewis turns in an unsurprisingly virtuosic performance as our 16th president, for which he won his third Academy Award. The screenplay, written by celebrated playwright Tony Kushner, is immaculate, documenting a few months leading up to the passing of the Thirteenth Amendment. Spielberg's direction seems appropriate as well, highlighting the detail of the extraordinary process.

Les Misérables

Saturday, April 6
9:30 12:30

Everyone knows the songs and the story. This most recent adaptation of the famous musical has garnered a lot of praise for its supposedly admirable decision to record the singing live. Unfortunately, the cast of movie stars are clearly not trained for the stage. Hugh Jackman and Russell Crowe shout through their roles, everything at absolute full volume. The fact that Anne Hathaway and Samantha Barks are able to transcend this veritable disaster in brief roles is a testament to their talent.

West Side Story

Sunday, April 7
7 10

This is one of the all-time great Hollywood musical productions. Of course, when you're adapting material like this — Leonard Bernstein's score and Stephen Sondheim's lyrics — it's hard to screw up. But this colorful masterpiece is a delight from front to back, swaying effortlessly between emotional ranges. The singing and dancing never falter and the production design is something to behold: New York rendered in gleaming, vivid Technicolor.

MFA students showcase their creations

The Miller Gallery hosts *Basement Miracle*, the 2013 master of fine arts thesis exhibition

by **Xiyu Wang** | Staffwriter

There is an alien world in the subterranean depths of Doherty Hall, a world in which fine arts students feverishly try to imbue their creations with artistic spirit. Last week, a chunk of that world was excavated for the rest of campus to see.

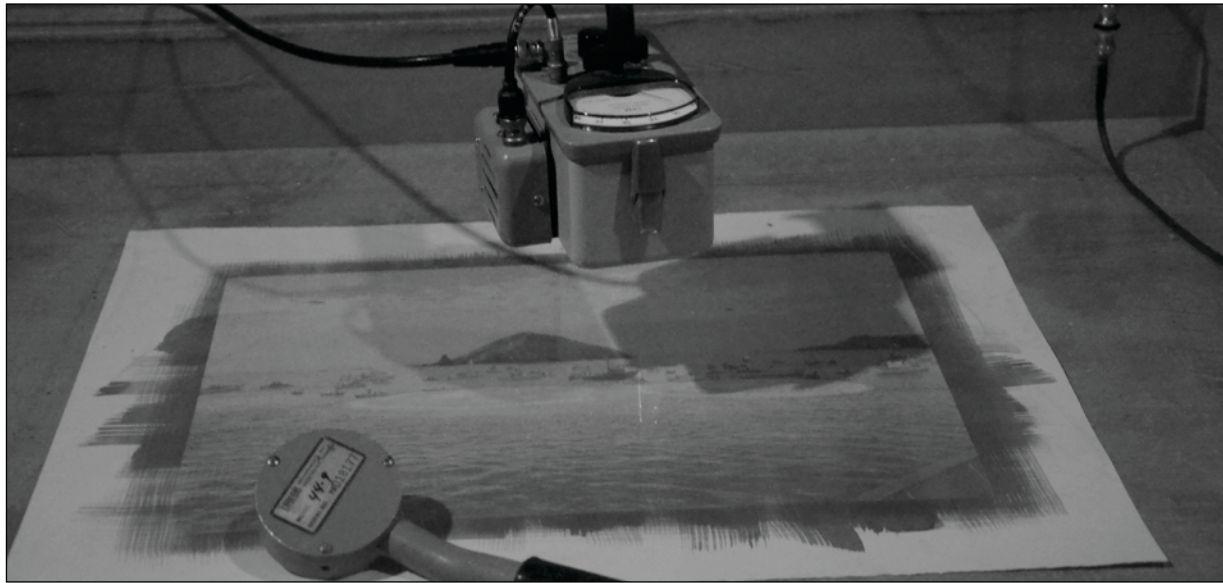
Basement Miracle, the 2013 master of fine arts thesis exhibition, opened last Friday in the Miller Gallery in the Purnell Center for the Arts. The MFA thesis exhibit, organized annually by the School of Art, features the work of graduating master of fine arts students and offers an opportunity for the students to display their work in a professional gallery exhibition open to the public.

The exhibit, which consists mainly of sculptures and installations, spans all three floors of the Miller Gallery. The works use a variety of media and touch upon many different subjects, although there are some common themes such as the integration of technology and science. The exhibition draws a sizable crowd of both Carnegie Mellon students and the greater public.

The first floor of the exhibit showcases an installation by Erin Womack called “Guardian of the Threshold,” which consists of a dark room with a shifting face projected onto the screen and three African masks protruding out of the back of the room. The face, demonic in nature, changes in sync to the constant throbs of music in the background, creating a tense mood throughout the room.



Kate Groschner | Photo Editor



Kate Groschner | Photo Editor

With a simple Geiger meter and an image of the desert, Steve Gurysh’s “The Long Cloud” eerily conveys the consequences of nuclear technology.

The second floor seems to have a broad theme of technology and industrialization. All of the works on this floor feature the use of machinery or engineering.

Luke Loeffler’s works “Bug Out” and “Aqua Vitae” deal with the politics of alcohol and seem designed to give off an industrial aesthetic. “Bug Out,” for example, features



Kate Groschner | Photo Editor

a contraption that rotates a liquor bottle in a wooden frame. “Aqua Vitae” displays lab materials such as beakers and bottles of chemical compounds.

“Aqua Vitae” also showcases recordings of deep sea vents and three fish swimming in a sink. According to Loeffler, “in some cultures alcohol is considered the water of life. The ocean is also thought of as the birthplace of life, especially deep sea vents. In this piece I’m conflating these two things, and I’m confronting the stereotypes of moonshiners.”

In addition to machines and contraptions, many of the works allow for audience participation as well. “(Un)bound”, by Felipe Castelblanco, for example, features an air compressor and a device that packages air, allowing viewers to pack and take home their own boxes of air.

Castelblanco described the idea behind the piece: “I was interested in air as public space that is becoming privatized and controlled; even this very common thing, air, is not equally distributed,” he said. “Some air is polluted and some air is fresh. This looks at the world and politics, and what created this social structure.”

Far left: In “Onward to Mars,” Dan Wilcox “counted down” to his trip to Mars. **Left:** “The Drift” described a project in which seven artists collaborated to explore Pittsburgh-area rivers and waterfronts.

Another work that features audience involvement is “Borderland” by Craig Fahner, an installation with coal-filled jars and speakers hanging from the ceiling. The coal serves as radio antennae that change the wave they broadcast depending on how far away they are from someone.

According to Fahner, the piece was inspired by the National Radio Quiet Zone in West Virginia, an area where any device emitting radio waves is illegal due to the black hole research conducted there. On creating the piece, Fahner said, “It took a long time to finish. I planned it in October and I designed the software and electronics for it. It was a long process, but the School of Art had a lot of resources I was able to use to make my own circuit.”

Some works involve neither intricate engineering nor complicated technology but are effective nonetheless. Steve Gurysh’s “The Long Cloud,” for example, is a Geiger meter clicking away before a picture of a patch of desert. It is a simple but nonetheless haunting piece that conveys the dangers involved in nuclear technology.

The third floor only showcases two works, and therefore, there is not as much of a theme. However, the works themselves were still highly interesting. Dan Wilcox’s “Onward to Mars” featured photographs that Wilcox took during his time at the Mars Desert Research Station, where he spent two weeks on a simulated Mars mission, as well as a book he made documenting his thoughts at the time.

According to Wilcox, “I was always interested in Mars and I read all kinds of books about it. But these were all from a macro perspective, and I wanted to see what it’s like for an everyday person to do work and live on Mars.”

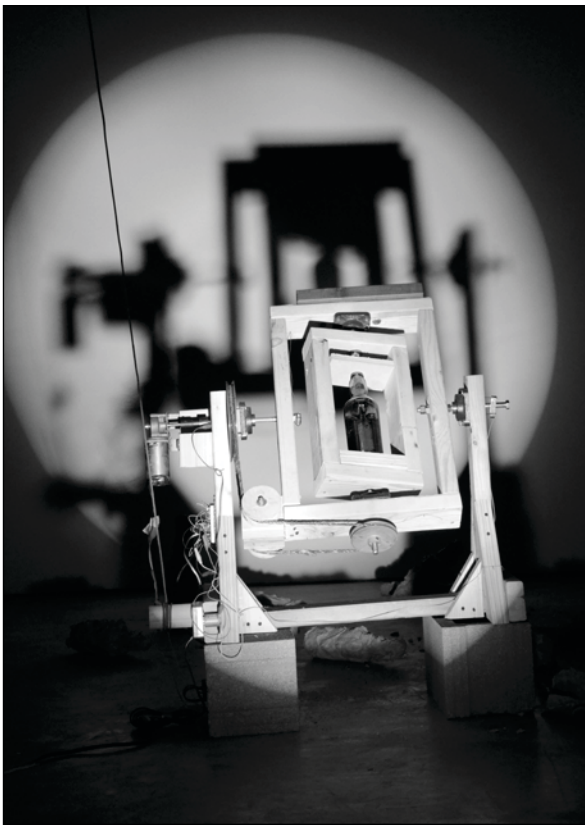
Finally, one of the most visually stunning installations in the exhibit is Scott Andrew’s “Gilding the Lily,” an installation filled with elaborately designed oval “mirrors” that show projections of surreal glam monsters. These mirrors, which are also outfitted with speakers, all play at the same time, combining to create a sound akin to chanting. This chanting, together with the fantastic images, makes viewers feel as if they are stepping into some sort of Buddhist Namia.

“Gilding the Lily” is actually a self-portrait, expressing Andrew’s interests in dance, ideas of gender, and sci-fi/fantasy genres. It is also a reflection of the work he has done over the years. As he explained, “I have been doing a combination of performance and installations, and I have a blend of video and sculpture in this piece. Also, I usually work with performers, but in this I performed as all the characters.”

Although it features few works from only seven artists, *Basement Miracle* is certainly worth browsing for the sheer originality and variety of subject matter that it offers. Combining different designs, technologies, and a diverse range of backgrounds and experiences, *Basement Miracle* comes together to be something that is unique to Carnegie Mellon.



Kate Groschner | Photo Editor



Braden Kelner | Forum Editor



Braden Kelner | Forum Editor

Top: “Borderland” by Craig Fahner experiments with radio frequencies through an installation of hanging speakers and coal-filled jars. **Left:** Luke Loeffler’s “Bug Out” discourages alcohol consumption by holding a bottle of liquor in a threatening contraption. **Right:** Scott Andrew’s “Gilding the Lily” features intricate “mirrors” that reflect grotesque images of monsters.

Did you know?

100
years ago
March 6, 1913

The varsity basketball team competes at its final away games against Geneva College and Westinghouse this week. The team is confident that it can win these final two games and excited about a successful season overall. The athletes encourage everyone to come out to these final games.

50
years ago
March 27, 1963

Red and silver parking meters go up all over campus, most notably near Skibo Gymnasium and on Margaret Morrison Street. Students are reminded that the Donner Hall lot is only open during sporting events and that cars parked in the lot at any other time will be towed at the owner's expense.

25
years ago
March 22, 1988

Apple, Inc. hosts an event titled StraightTalk to discuss software design with current students. The event is the first of its kind on any college campus. Students have the chance to show off their original software and listen to a lecture by Apple systems engineer Paul Hudspeth.

10
years ago
April 1, 2003

The April Fools' issue of The Tartan gives a satirical report from the Housing and Dining Office. In a false interview with the Neil Binstock, the liaison to Parkhurst (think 1980s CulinArt), said, "we've completely revamped our vision to include food that can be eaten, digested, and eventually converted into waste matter."

5
years ago
March 31, 2008

Senator Barack Obama visits Pittsburgh at Soldiers & Sailors Memorial Hall just two weeks after Senator Hillary Clinton came to Pennsylvania. The event sells out and Obama speaks about education, renewable energy, and the importance of public service and college students.

1
year ago
April 2, 2012

A busy week of theft and alcohol amnesty filled the Campus Crime and Incident Report. A car was stolen from the Morewood parking lot, and a DUI was issued on Forbes Avenue near the University Center turnaround after the driver blew out a front tire while leaving the parking lot.

Catherine Spence | Staffwriter

CMOA shows intricate prints

Japan Is the Key... is more thought provoking than eye catching

Tucked away in a side gallery on the second floor, *Japan Is the Key...* is a small and seemingly nondescript new exhibit at the Carnegie Museum of Art. The exhibit, which opened last Saturday, features Japanese color woodblock prints, watercolors, and ivory figurines made in the first half of the 19th century.

Although the exhibit is fairly small — filling only three small rooms — it probably could have been condensed further. The exhibit is largely homogenous, mostly because nearly all of the works are from the same time period and use the same medium. Oftentimes, the walls are lined with a long series of works by the same artist. Aside from the occasional watercolor and the small ivory collection in centrally placed display cases, the works almost exclusively consist of color woodblock prints. Even the color palette of pale reds and sea blues is very similar from print to print.

The exception is a striking series of taller, narrower prints by Torii Kiyonaga and Tamagawa Shucho that line the middle room. Looking closer, the subjects of the prints look oddly cut off, like badly cropped Facebook profile pictures. Still, from afar, the sharply vertical shape makes these prints the most visually captivating pieces in the exhibit.

Though the exhibit is not the most eye-catching or diverse overall, there is beauty to be found in these pieces through the technique and level of detail used to create them. Even centuries later, the lines of the prints are crisp and precise, and the colors fade exquisitely and seamlessly across the paper. A particularly striking example of intricate, pristine printmaking is "Night Rain at Oyama" by Utagawa Toyokuni II, which streaks diagonal lines across the

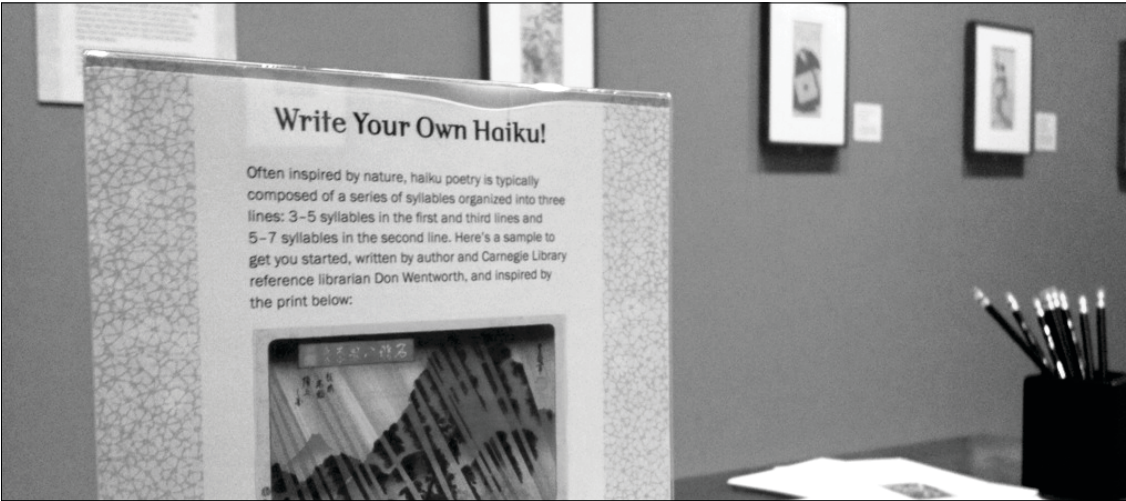
page to represent sheets of rain obscuring a view of the mountain.

Within the exhibit, there are two distinct categories: landscapes that provide wide, sweeping views of mountains and lakes, and closer snapshots of human life (usually women). Despite the repetition within these categories — one can only look at so many prints of Mount Fuji — the subject matter is perhaps the most thought-provoking dimension to the exhibit. Considering the time period during which they were made, some of the pieces are surprisingly satirical and suggestive. Kitagawa Utamaro's "The Four Accomplishments," for example, is a parody of classical painting style that depicts courtesans in an Edo pleasure house, many of them in playfully suggestive poses.

These kinds of pieces clash with our highly traditional and hierarchical understanding of feudal Japan, and challenge us to reassess our understanding of the role of art in 19th-century Japan. Though on the surface, these prints may look repetitive and bland, a few of them make playful artistic commentary that is easy to overlook.

In this way, *Japan Is the Key...* requires more patience and willingness to think than many art exhibits. These pieces won't grab your attention right away; in fact, they may bore you after a while. *Japan Is the Key...* is not for museum goers who want to breeze through an exhibit; it requires a closer, more careful look and a viewer who is willing to search for the hidden value in a work of art.

Rachel Cohen | Pillbox Editor



Rachel Cohen | Pillbox Editor

Japan Is the Key... encourages museum visitors to write haikus inspired by the exhibit.



Piled Higher and Deeper by Jorge Cham



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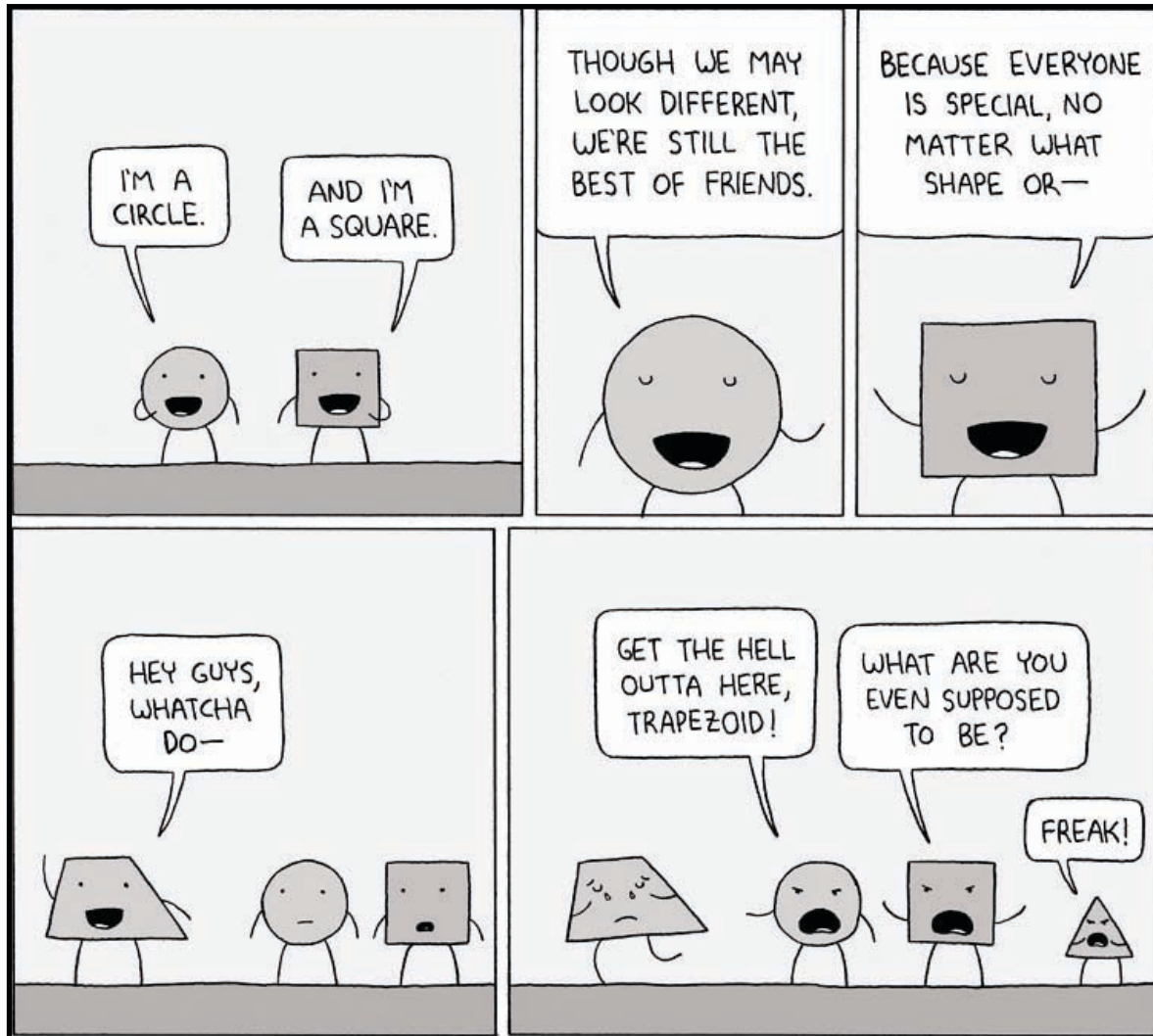
Crinkled Comics by Juan Fernandez



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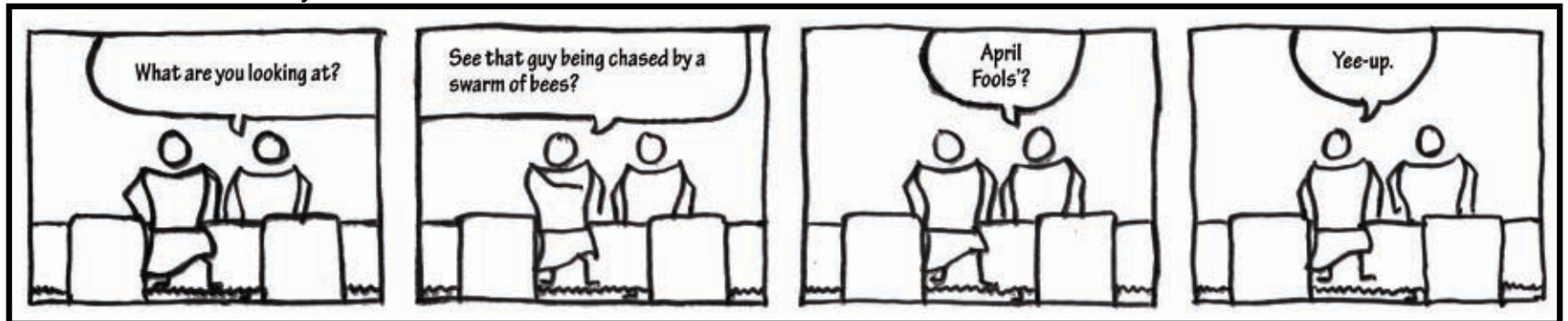
Poorly Drawn Lines by Reza Farazmand



poorlydrawnlines@gmail.com

poorlydrawnlines.com

Sittin' on the Fence by Charlie Shulman and Kairavi Chahal



cshulman@andrew.cmu.edu



Sudoku Puzzle: Medium Difficulty

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

Sudoku courtesy of
www.opensky.ca/~jdhildeb/software/sudokugen/

Kakuro Puzzle: Hard Difficulty

Kakuro courtesy of www.KrazyDad.com

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

Solutions from Mar. 25

1	S	W	A	G		6	P	I	R	N		9	S	I	N	E	S
14	T	A	X	I		15	O	B	O	E		16	A	R	E	S	T
17	O	N	E	R		19	S	E	C	T		19	L	E	A	S	E
20	A	T	L	A	N	T	A		22	S	H	A	L	L	O	W	
					14	F	O	A	M	Y		25	A	M	A		
27	A	R	T	F	U	L		30	E	A	S	I	N	E	S	S	
33	S	I	R	E	N		36	A	L	T	O		37	D	E	E	P
39	A	V	E		S	I	B	L	I	N	G		41	R	E	L	
43	N	E	A	R		44	S	L	I	P		46	A	K	I	R	A
48	A	N	D	E	R	49	S	E	N	P		50	H	E	R	E	S
					51	P	E	U			53	G	A	I	L		
54	B	O	A	R	D	E	R		57			58	R	E	S	P	E
62	A	T	R	E	E			63	B	I	E		65	T	E	A	R
66	L	O	U	S	Y			67	I	N	N	O		68	O	R	N
69	D	E	N	S	E			70	S	C	A	N		71	N	O	E

Crossword

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

Very Hard Difficulty

		12	17	7			
	11	1	8	2			
	18	5	9	4	10	12	
9	5	4	18	6	1	2	3
6	3	2	1	12	16	3	9
		17	9	7	1		
		21	8	9	4		

Easy Difficulty

Magic-8-Ball-oscopes

aries

Very doubtful.

march 21–april 19

taurus

Signs point to yes.

april 20–may 20

gemini

Outlook good.

may 21–june 21

cancer

Don't count on it.

june 22–july 22

leo

Better not tell you now.

july 23–aug. 22

virgo

It is certain.

aug. 23–sept. 22

libra

Yes.

sept. 23–oct. 22

scorpio

Outlook not so good.

oct. 23–nov. 21

sagittarius

Concentrate and ask again.

nov. 22–dec. 21

capricorn

Without a doubt.

dec. 22–jan. 19

aquarius

Reply hazy, try again.

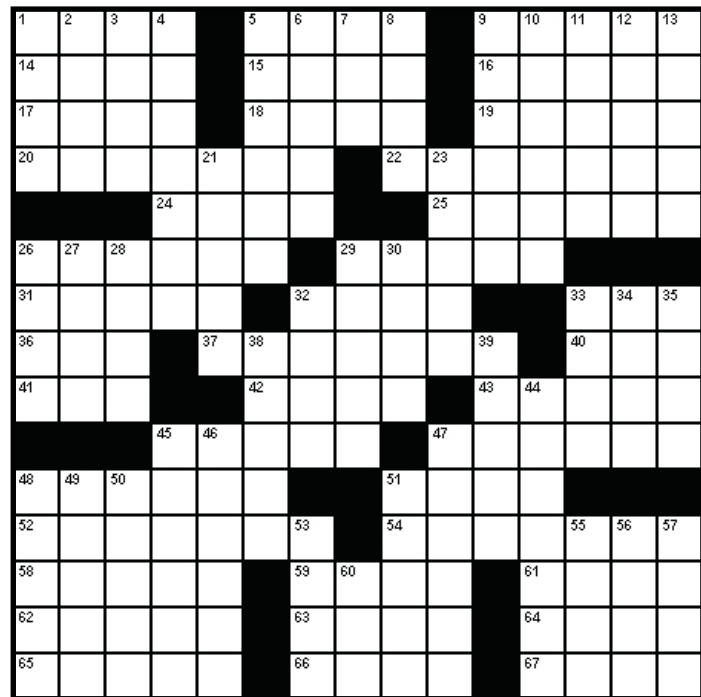
jan. 20–feb. 18

pisces

My reply is no.

feb. 19–march 20

Kairavi Chahal | Comics Editor



Crossword courtesy of *BestCrosswords.com*

ACROSS

- Skier's transport
- Like the Gobi
- Bellowing
- Hick
- Prom wheels
- "Our Gang" girl
- Chilled
- Grumble
- Broadcaster
- Divinity
- Catchword
- Ultimatum word
- Less fatty
- Blue coloring
- Damp
- Valuable violin
- Racer Yarborough
- Bus. card info
- Sloth, e.g.
- Ear ornament
- Devoured
- Elevs.
- Indifferent
- Floating platforms
- Pertaining to the Netherlands
- Desert plant
- "Honor Thy Father" author
- Record
- Sea north of Australia
- Smoker's receptacle
- Rod used to reinforce concrete
- ___ browns
- Vintner's prefix
- Make ___ for oneself
- Play opener
- Catch
- Less loony
- Type of gun
- I could ___ horse!

DOWN

- Math branch
- Osso ___
- In the sack
- Radiance
- Nearly
- ___ Janeiro
- "___ Believer" (Monkees hit)
- "___ you dare!"
- Sayings
- Inveigh against
- Hatch on the Hill
- Coeur d'___
- Less common
- Stan's pal
- Extraterrestrial
- Money
- Cut out
- Prohibits
- Waterlogged soil
- Potpourri
- Gator's cousin
- 27th president of the U.S
- Words to Brutus
- Not as much
- Late bloomer
- Chart
- Vinegary
- Slander
- Unfair lender
- Redeem
- Gogol's "___ Bulba"
- Where the action is
- Father of Leah and Rachel
- Flavor
- Cries of discovery
- Actress Sofer
- Med school subj.
- Indian exercise method
- Do one's part?



MONDAY 4.1.13

Hey Marseilles. The Underground. 7 p.m.
Seattle-based indie folk band Hey Marseilles will perform at The Underground in a concert sponsored by AB Underground. The concert is free and open to the public.

TUESDAY 4.2.13

Allan Chochinov lecture. Margaret Morrison A14.
5 p.m.
Designer, journalist, and educator Allan Chochinov will give a lecture as part of the School of Design lecture series "How Do You Design the Future?" The lecture is free and open to the public.

WEDNESDAY 4.3.13

Open Mic Night. Skibo Café. 6 p.m.
AB Skibo presents Open Mic Night at Skibo Café. The event is free and open to the public.

Carnegie Mellon Philharmonic and Choirs Concert.
Carnegie Music Hall. 8 p.m.
The Carnegie Mellon Philharmonic and Choirs will perform Anton Bruckner's *Te Deum* and Robert Schumann's Symphony No. 4. Ticket information can be found at music.cmu.edu.

THURSDAY 4.4.13

Wats:ON? Festival 2013: NOISE. College of Fine Arts Building. Through April 7.
The annual three-day architecture festival returns to Carnegie Mellon, this year exploring the realm of noise through analog, digital, and apparatus-enhanced sound-music performances. The festival celebrates the life and work of architect, artist, and teacher Jill Watson. More information, including the full weekend schedule, can be found at watsonfestival.org.

Purity Ring with Blue Hawaii. Mr. Small's Theatre. 8 p.m.
Electronic pop groups Purity Ring and Blue Hawaii will perform at Mr. Small's Theatre in Millvale. More information and tickets can be found at mrsmls.com.

FRIDAY 4.5.13

Cured! featuring Pittsburgh Track Authority. Remedy. 10 p.m.
Local electronic group Pittsburgh Track Authority will play a DJ set at this month's Cured! at Remedy in Lawrenceville. The event costs \$3 at the door and is 21+.

SATURDAY 4.6.13

Miracles of Modern Science. The Underground. 7 p.m.
Indie pop band Miracles of Modern Science will play a concert at The Underground, hosted by AB Underground. The Brooklyn-based group creates unique music featuring a double bass, a cello, a mandolin, and a violin. The concert is free and open to the public.

Zola Jesus. CFA Lawn. 8 p.m.
Electronic darkwave singer-songwriter Zola Jesus will perform on the CFA Lawn in a concert presented by AB Coffeehouse. Jesus' most recent album *Conatus* was released in 2011 and met with highly positive reviews. The concert is free and open to the public. The rain location will be Wiegand Gymnasium.

ONGOING

Power Pixels. Wood Street Galleries. Through April 7.
The Wood Street Galleries are hosting an exhibit by visual artist Miguel Chevalier that features two self-generative video installations. More information and gallery hours are available at woodstreetgalleries.org.

CMU International Film Festival. McConomy Auditorium. Through April 13.
Sponsored by the Humanities Center, the Carnegie Mellon International Film Festival presents "Faces of Media." This year's festival features Pittsburgh-premiere screenings of over a dozen award-winning films from all over the world. More information on the festival, including information about tickets and screenings, can be found at cmu.edu/faces.

Basement Miracle: 2013 MFA Thesis Exhibition. Miller Gallery. Through April 21.
Master of Fine Arts candidates Scott Andrew, Felipe Castelblanco, Craig Fahner, Steve Gurysh, Luke Loeffler, Dan Wilcox, and Erin Womack present final work in their thesis exhibition. More information is available at millergallery.cfa.cmu.edu.

Regarding Warhol: Sixty Artists, Fifty Years. The Andy Warhol Museum. Through April 28.
The Andy Warhol Museum celebrates the 50th anniversary of Warhol's famous "Campbell's Soup Cans" with contemporary Warhol-inspired pieces and works by the pop art visionary himself. Admission to the museum is free for Carnegie Mellon students.

What We Collect: Recent Art Acquisitions, 2007–2012. Hunt Library, Fifth Floor. Through June 30.
The Hunt Institute for Botanical Documentation presents an exhibition of recent acquisitions to the art department, from the early 19th century to the present. More information on the exhibit is available at huntbot.andrew.cmu.edu/HIBD.

Compiled by **Allison Cosby** | Contributing Editor

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

PITTSBURGH SYMPHONY ORCHESTRA
PRESENTS

MERCURY SOUL

FRIDAY, APRIL 5, 9:00 PM

AT **static**
1650 Smallman St, Pittsburgh

DJ Masonic (Mason Bates) composer/DJ

MUSICIANS FROM PITTSBURGH SYMPHONY ORCHESTRA

Benjamin Schwartz music director

Anne Patterson director / designer

Joshua Gersen conductor

Carnegie Mellon School of Drama, artistic collaborators

STUDENT TICKETS \$15 21+ EVENT. PROPER ID REQUIRED.
PITTSBURGHSYMPHONY.ORG/CMU

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passover.



Jonathan Leung | Assistant Photo Editor

In honor of Passover, the Jewish Student Association hosted a chocolate seder in UC Peter /Wright / McKenna last Thursday. In lieu of traditional foods at the ritual meal, the event offered chocolaty treats, like matzah s'mores, for students.

