

Glasner, Ray elected as SBP, SBVP

BRENT HEARD
Contributing Editor

Student government election results were released on Monday, March 31. Junior electrical and computer engineering and business administration double major Ian Glasner was elected student body president (SBP) and junior biological sciences major Shalini Ray was elected student body vice president (SBVP). Additionally, the student body voted sophomore electrical and computer engineering major Divya Kothandapani as student body vice president for finance (SBVPF) and sophomore computer science and math double major Jack Michalak as student body vice president for organizations (SBVPO). Student voter turnout showed a slight increase over previous years, with 17.9 percent of total students voting. 32.21 percent of undergraduate students cast their votes, as compared to 30 percent in 2013. Graduate student voting decreased, however, with only 3.32 percent of Carnegie Mellon’s graduate population

voting, a small drop from the 3.94 percent who voted in 2013. Glasner and Ray ran their SBP/SBVP ticket on a platform of getting students more involved in their representation, promising to push for a number of reforms including restructuring dining plans to be more desirable to upperclassmen and changing the school’s dorm alcohol policy to one which uses an internal system rather than one which involves the police, similar to the system currently in place at all eight Ivy League universities. While not designating one policy as a top priority, Glasner said, “I’m very passionate about dining, and I’m also passionate about looking into the current alcohol policy on campus.” “I think every change that I want to happen is going to be a year’s process, if not more,” Glasner continued. “So, getting them all started at the beginning of the year is going to mean weekly meetings with administration, bringing students on board, and getting student feedback.” Kothandapani campaigned

on her experience serving on the university’s Joint Funding Committee (JFC) and promised to provide an easier-to-understand budget process for student organizations. Kothandapani said that “starting the application for next year’s JFC reps” would be her first task when taking office, and spoke about the number of votes she received, saying “it feels really good to have that support.” Michalak built his campaign around a set of reforms beginning with the organization recognition process, setting up a better system for student organizations to receive advice, and creating an improved system for room registration. Michalak also spoke of supporting broader campus reforms, such as expanding the Amnesty International policy for alcohol to include drugs, and the prospect of establishing gender-neutral restrooms. Michalak recalled the wishes of current SBVPO Corrine Rockoff. “She really wanted someone with the experience to take over the

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Anne-Sophie Kim/Assistant Layout Manager, design by Maggie Bignell

Khan lectures about online education

GEORGE LEDERMAN
Staffwriter

Students, faculty and staff jostled to get into Rashid Auditorium to hear a talk by Sal Khan, founder of Khan Academy, Thursday morning. Ten minutes before the speech was scheduled to begin, the 250-seat auditorium was standing room only — it was so crowded that the University Police closed the doors, barring additional spectators to prevent a fire hazard. Determined to see Khan, many students looked in through the window instead, like Robert Buarque de Macedo, a sophomore physics major, who said that seeing Khan was amazing after hearing his voice so often in Khan Academy videos. “Khan helped me through high school,” Macedo said, although he had never met Khan nor seen him in person before. Aatish Nayak, a first-year electrical and computer engineering major, added, “It’s crazy that [Khan] makes his own videos; it shows his dedication.” Khan’s videos, which now form the basis of the website Khan Academy, have become enormously popular, with more than 10 million students viewing them each month. Khan is, in many ways, an accidental educator. While working for a hedge fund, his family was visiting and he learned that his cousin Nadia was struggling in math. “I told her, ‘Look, I think you’re fully



Michelle Wan/Art Editor
Sal Khan’s Thursday morning lecture filled Rashid Auditorium. Khan explained how he began Khan Academy and discussed the possibilities of online education.

capable of this ... if you’re willing to ... we’ll work on the phone everyday,” Khan said. Starting in August 2004, Khan worked with her on her math skills while he lived in Boston and she lived in New Orleans. Khan’s belief that everyone can succeed if given the right education drives much of his work. Nadia rapidly progressed in her school from “slow” math to an advanced track

— her success inspired other family members to ask Khan for tutoring help. Khan, who has a background in software, started writing quizzes for his students to take and was mentoring as many as 10 family members at once. A friend recommended to Khan that he prerecord his lessons and load them onto YouTube so he could scale to more students. Khan was apprehensive at first, saying, “That’s a hor-

rible idea. YouTube is for cats playing the piano.” But after a month of using the YouTube videos, his cousins told him that they preferred the videos over the video chats. “It soon became clear that people who were not my cousins were watching the videos. Most of the comments were just ‘Thank you’ which is a pretty big deal. I don’t know

See EDUCATION, A3

CMU discontinues Culbertson’s 70-419

BRIAN TRIMBOLI
News Editor

When Carnegie Mellon released its Fall 2014 course listings last Sunday, some Carnegie Mellon students noticed that something was missing — 70-419 Entrepreneurship Practicum: Apprentice, a course taught by Robert F. Culbertson, adjunct assistant professor of entrepreneurship in the Tepper School of Business. Culbertson’s course was an outlier in Tepper’s entrepreneurship offerings, and gave students hands-on lessons in entrepreneurship. According to Michael McDermott, a junior materials science and engineering and biomedical engineering double major and a teaching assistant for the course, the course was broken down into four to five apprenticeships, which are different projects, usually in groups and ranging from two weeks to a month long, that students complete. The first one, McDermott said, was always karaoke. Students had to break into groups and sing in front of the class, “because most of us have terrible voices, and just look and sound terrible in front of the class when we’re doing it,” McDermott said. “That primes you to work with other people and be comfortable with being

uncomfortable.” After that, McDermott said, the course focused on selling products and getting funding from venture capitalists. For the final apprenticeship, Culbertson gave each group of students a seed fund and asked them simply to make as much money as possible, which, McDermott said, “is the heart of entrepreneurship.” McDermott is also author of a *change.org* petition to “Save RF Culbertson and 70-419,” which currently has 579 signatures. According to the petition, “By signing this petition, we as students stand together to save one of the most influential classes taught here at Carnegie Mellon, and to save the man who has given so much to this school and its students.” McDermott has reached out to the administration of the Tepper School of Business, focusing on how the loss of Culbertson’s course affects not only current students but future students, as well as alumni relations. “We just want to highlight — whether the course gets reinstated or not — the customer at CMU; if we talk in terms of sales, the customer is a student. And so if you’re [angering] your customer,

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Slackman talks about foreign policy in the Middle East

BRADEN KELNER
Editor-in-Chief

He lived in Egypt for eight years — three as a correspondent for the *Los Angeles Times* and five for *The New York Times* — and returned to the region to witness the dramatic conflict in the Middle East during the Arab Spring. Speaking before a half-filled auditorium in Porter Hall, now Deputy Foreign Editor for *The New York Times* Michael Slackman visited Carnegie Mellon on Tuesday to discuss the United States’s role abroad, particularly in

the Middle East. The discussion was presented by *The New York Times*, Undergraduate Student Senate, and the Collegiate Readership Program. During his discussion, Slackman stressed the importance of the citizen’s responsibility to be informed. “Just read about the world about you,” he said. “It’s what everyone in the world is fighting for right now — the people in Ukraine, the people in Egypt — you have the right to have that information.” Slackman told the story of the day he was fired at in the island country of Bahrain in

February 2011. Slackman was dispatched to Bahrain when a community of Shiite Muslims demanded rights from the ruling Sunni Muslim family during a series of peaceful protests. “Members of the Shiite community were coming out by the tens of thousands — hundreds of thousands — and

they were determined to push for their rights,” Slackman said during an interview with The Tartan. One day, about a thousand young protesters marched to Pearl Square in Manama, Bahrain’s capital. They were fired upon by the police. Slackman and his

colleagues ran from the conflict, but were fired upon too. “A helicopter ... flew overhead, and I thought we were being shot at by the helicopter,” Slackman said. He ran into an alley with a colleague and saw the helicopter follow. “And that was when I was like ... they’re hunting us.” A car drove by and Slackman screamed at it before the driver took him away from the area. Slackman told the audience, “What foreign correspondents do is they bear witness.” He said correspondents witness events so that people

have access to information about the world around them — so that they can be responsibly informed citizens. “Being a reporter is one of the most thrilling and rewarding jobs you can have,” Slackman said to The Tartan. “It allows you to experience life through someone else’s eyes ... to give voice to the downtrodden and the oppressed.” Slackman then turned the discussion to the United States’s involvement in the Middle East, as well as Crimea. He questioned, “How much of

“What foreign correspondents do is they bear witness.”
—Michael Slackman
Deputy Foreign Editor for *The New York Times*

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FEATURE PHOTO

UNICEF urges CMU to ‘believe in zero’



Abhinav Gautam/Staff Photographer
Carnegie Mellon’s United Nations International Children’s Emergency Fund (UNICEF) wrote a large zero with white lawn flags last week to represent UNICEF’s goal to “believe in zero,” and reduce the number of preventable child deaths around the world to zero.

Campus Crime & Incident Reports

Underage Drinking

March 29, 2014

A University Police officer on patrol saw a visibly intoxicated male at the intersection of Forbes and Morewood Avenues. After stopping to check on the individual, the officer confirmed that he was under 21. The man, who was not a Carnegie Mellon affiliate, was cited for underage drinking and given further medical assistance.

Underage Drinking and False ID Card

March 29, 2014

University Police cited a Carnegie Mellon student who was visibly intoxicated in front of Hamburg Hall. At the time, the student presented the officer with a false ID card, and

was later confirmed to be under the legal drinking age. The student was cited for two offenses — underage drinking and carrying a false ID — and was given medical aid.

Underage Drinking

March 30, 2014

A Carnegie Mellon student was cited after she passed out in the television lounge of Hamerschlag House. A security officer checking the area noticed the unconscious student and checked on her. University Police later confirmed that she was under the legal drinking age, and transported the female to the hospital for further treatment after citing her for underage drinking.

University Police also cited a Carnegie Mellon student who had passed out while

eating at Skibo Cafe. A passerby who noticed the student called University Police, who found the student slumped over with his face resting on a plate of food. The male was identified and cited for underage drinking, and after being tended to by CMU EMS, was released in the care of a sober friend.

Suspicious Activity

April 1, 2014

University Police responded to Mudge House after a student reported to University Police that at 8:55 p.m. he was walking on Morewood Avenue near Stever House when a gray or brown Cadillac pulled up next to him. According to the student, a black male in his mid-thirties or early forties rolled down the window

and reached for the glove compartment, while the vehicle was at a complete stop. The student, who was afraid of being robbed, ran away and could not confirm the driver’s intention.

Underage Drinking

April 2, 2014

University Police responded to McGill House after a community adviser contacted them after hearing a party in the dormitory that might involve underage drinking. When the police arrived, they confiscated all alcohol and cited five individuals for underage drinking.

NEWS IN BRIEF

Blue water in GHC toilets raises questions

Last week, many students and faculty members who used the restroom facilities in the Gates Hillman Complex noticed that the toilet water was markedly blue. In an email to many computer science students, Director of Building Facilities James Skees wrote that the blue toilet water was a byproduct of the complex’s many “green” initiatives.

The complex, which is a gold LEED-certified building, has a gray water system that “collects rainwater from the building’s rooftops, filters out the dirt, and stores the water in a big tank on the third floor until it is needed for flushing urinals and toilets in the building,” according to Skees’s email. “This cuts down on the surge of storm water flowing into the city sewer system as well as limits our use of treated city water for flushing purposes,” the email continues.

According to Skees, the water previously often had a cloudy or even yellow-tinted

appearance, leading many restroom patrons to “assume this means the water still has urine in it, either because a flush didn’t occur or didn’t empty the bowl entirely,” the email says. The Allegheny County Health Department, however, requires a dye be put in the gray water before it is sent to the restrooms, lest anyone try to drink the toilet or urinal water, thinking it is chlorinated and filtered city water.

When the Gates Hillman Complex was constructed, Facilities Management Services (FMS) decided to use yellow dye, “not realizing how it would end up looking in the toilets,” the email says. Their other option, Skees wrote, was to “put little signs next to all the fixtures which said something like ‘toilet and urinal water is not drinkable.’”

Recently, FMS decided to switch to blue dye in the recycled water, leading to the blue-tinted toilet and urinal water in the complex.

Carnegie Mellon students make strong showing in annual Putnam Competition

The Mathematical Association of America’s 74th William Lowell Putnam Competition recently tested students on high-level creative thinking and mathematical concepts, giving over 4,000 Canadian and U.S. undergraduate students from 557 institutions six hours to solve 12 difficult problems. Carnegie Mellon placed second overall in the Putnam Competition, according to a university press release.

Thirty-five students scored among the top 10 percent of competitors, the second most of any university. The only university who placed above Carnegie Mellon in the Putnam Competition was the Massachusetts Institute of Technology. This year is the third consecutive year that the Carnegie Mellon team has placed among the top five teams, putting the university among only 11 others that have placed in the top five more than twice since 1990.

Although over 150 Carnegie Mellon students participated in the Putnam Competition, the official team comprised of math majors sophomore Linus Hamilton, first-year Thomas Swayze,

and junior Michael Druggan. All of the team members are Knaster-McWilliams Scholars, part of a program funded by alumni of Carnegie Mellon’s physics and electrical and computer engineering programs.

“Repeated success in the Putnam Competition makes Carnegie Mellon shine like a beacon, showing the extreme talent that gathers here,” said Po-Shen Loh, assistant professor of mathematical sciences and the team’s coach, in the press release. “It is our hope that by bringing ambitious students together, they can work with each other to achieve success for themselves, the university and the region.”

The Carnegie Mellon team placed fifth in the 2012 Putnam Competition and second in 2011, with additional top-five finishes in 1946, 1949, and 1987. The university’s department of mathematics will receive \$20,000, with each team member additionally receiving \$800.

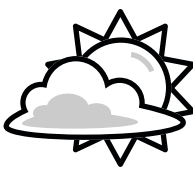
Compiled by
BRIAN TRIMBOLI

WEATHER



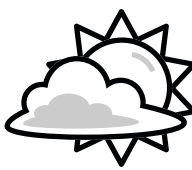
TUESDAY

High / Low
56 / 35



WEDNESDAY

High / Low
56 / 39



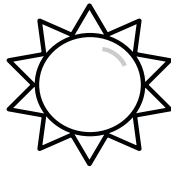
THURSDAY

High / Low
66 / 51



FRIDAY

High / Low
61 / 44



SATURDAY

High / Low
64 / 48



SUNDAY

High / Low
76 / 52

Source: www.weather.com

STUDENT SENATE MEETING MINUTES

Committee Reports

The Campus Life Committee discussed their upcoming annual effort to distribute Krispy Kreme doughnuts and coffee during Move On in the Morewood Parking Lot on Friday between 9 p.m. and midnight. The Internal Development Committee reminded Senators to come to the Alumni Brunch that will be held during Spring Carnival from 10 a.m. to 12 p.m. on Saturday in Donner House.

Announcements

Senate thanked those who helped out with *The New York Times* lecture event and who helped with public relations for the Sal Khan lecture. Senate also congratulated electrical and computer engineering and business administration double major Ian Glasner and biological sciences major Shalini Ray on their elections to student body president and student body vice president, respectively. Civil and environmental engineering and

Finance Allocation

Senate allocated \$4,500 to the Mindfulness Room. Student Body President and senior biological sciences major Lindsay MacGillivray presented in front of Senate and described the purpose of the money. When the Mindfulness Room was constructed, money from several sources was used to refit what was then the West Wing TV Lounge and buy equipment — like yoga mats and plant walls — for the room. The motion was unanimously passed.

Points of Discussion

First-year architecture major Victoria Yong was approved as a new member at large. Class council and a potential budget outline were also discussed.

Senate also discussed purchasing food for meetings. Typically, Senate provides food at 4:30 p.m., half an hour before general body meeting starts.

Often, there is no food left by the time the meeting begins at 5 p.m. Members

agreed that Senate should order more food, so that those who arrive at 5 p.m. are still able to eat.

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University makes changes to entrepreneurship offerings



Abhinav Gautam/Staff Photographer
A group of students on Wednesday protested the discontinuation of Culbertson's popular entrepreneurship course.

CURRICULUM, from A3

how is that going to translate into money from donations in the future?" McDermott said. "As a student, I don't want CMU to have a lower endowment because they [angered] alumni in their thirties who love [Culbertson], who this guy has done everything for."

"I'm in engineering; I'm not really behind the business program," McDermott said. "I took the course because I thought it would be interesting, and it changed my life. And I want that to continue for future students."

According to a news release from the Tepper School of Business, "We appreciate the sentiment expressed by members of the campus community via social media, as through other communication channels, and will thoughtfully consider the perspectives that are expressed. However,

the school will not publicly discuss specific details relating to our curriculum decisions."

Michael Trick, senior associate dean of education for the Tepper School of Business, said that Tepper, and Carnegie Mellon as a whole, is in the midst of reforming its entrepreneurship offerings. "This has been a great time for entrepreneurship at the school. We have a track for it in the business school; we have a new minor out of economics called economics, entrepreneurship, and innovation," Trick said. "As a minor, in the Tepper school, you can pick up entrepreneurship courses. There's a good number of ways to get entrepreneurship courses."

While Trick did not comment on why Culbertson's course was removed from Carnegie Mellon's Fall 2014 course offerings, he said that it was important to have ac-

tual entrepreneurs teaching entrepreneurship to students. "When you think of entrepreneurship training, the concept of mentoring, the concept of getting real entrepreneurship teaching the students, is an incredibly important one," Trick said. "We've had more adjuncts hired in the last three years than in any time. So, while we use tenure-track faculty and teaching-track faculty, we also use entrepreneurs, and they are fantastic."

Culbertson is a well-known entrepreneur outside of Carnegie Mellon; according to McDermott, he began at a young age as an entrepreneur by starting his own taxi and limousine service, and from there has been "buying and selling companies and starting and selling companies for 25 or 30 years."

Culbertson is currently the chief executive officer of Eidoserve, Inc., a privately held company that, according to *Bloomberg BusinessWeek*, "develops interactive voice response (IVR) solutions with integrated mobile, Web, and avatar dialogue platforms for customers in the United States." In March 2010, Culbertson gave a talk called "Getting Rich and Staying There" as part of TEDxCMU.

Culbertson, McDermott said, also teaches for Carnegie Mellon without pay. "He does it for free because he loves just teaching to students. There's no expense to CMU whatsoever," McDermott said.

In an email sent to Culbertson early Saturday morning,

Trick wrote, "After consulting with the entrepreneurship faculty, I have decided that we will no longer be offering your Apprenticeship course. As part of our revamping of the curriculum, I need to rationalize our entrepreneurship offerings. This involves providing a clear sequence of courses, with one 'gateway' course leading on to more advanced offerings, increasingly offered by tenure-track faculty. The Apprenticeship course does not fit in this sequence."

In the current entrepreneurship sequence, students start with one of several introductory entrepreneurship courses, such as 70-415: Introduction to Entrepreneurship, before moving on to more advanced electives. Culbertson's course, Trick said, was free-standing, and did not act as a prerequisite for any other entrepreneurship course offerings.

Dean of Student Affairs Gina Casalegno, who works to facilitate discussions between students and faculty about matters such as this one, echoed Tricks' sentiments about Carnegie Mellon's entrepreneurship offerings.

According to Casalegno, "[Carnegie Mellon] is looking at its entrepreneurship options for both the Tepper curriculum and for all of campus, and has been really well articulated, I think, in having the move to the Tepper Quad being a hub for all disciplines to collaborate and to really enhance the thrust of entrepreneurship as a coalesc-

ing theme for students in all programs."

When Casalegno heard over the weekend from students and alumni after it was announced that 70-419 would not be offered, she contacted Trick and Dean of the Tepper School of Business Robert M. Dammon and "let them know I was hearing from students, and that I wanted to know how [Trick] would like me to encourage their direct engagement with him. He responded immediately and said 'please have them get in touch with me and the dean so that we can hear feedback and consider all of it.'"

Trick similarly said that, although he welcomes the input from students, it is unlikely the course will be reinstated. "In everything we do, we welcome the input, even if it's telling me I'm an idiot, because it tells me about the student experience, what the students find valuable," Trick said. "And that's important to me. I cannot crowd source running this business school, but what I need is that input. And I am not shying away from any input on any other decisions I am making."

Zaneta Grant, a junior economics and professional writing double major who is currently taking 70-419, said that Culbertson's course will be sorely missed. "It's my favorite class I've taken since coming to CMU, ... this has been my favorite class to date because it encourages me to think outside the box," Grant said.

Khan tells his story to CMU



Michelle Wan/Art Editor
Khan began making tutoring videos to help his extended family learn math.

EDUCATION, from A3

how many of you watch YouTube, but most of the comments are not 'Thank you,'" Khan said. "Then [the comments] got more intense, like 'this is the reason I passed algebra,' 'this is the reason I decided to major in engineering.'"

Khan's success on YouTube kick-started his career as one of the most well-known online educators in the U.S.

Khan's mission is "to provide a free world-class education for anyone, anywhere."

"Education has always been the key determinant between the haves and have nots, but it has always been scarce and it has always been expensive," Khan said.

Khan sees online education as a "once in a millennium" chance to change education's inaccessibility by giving his content away for free.

Khan was in Pittsburgh to receive the 19th annual Heinz Award for his advancement of the human condition.

His speech at Carnegie Mellon is part of the Distinguished Lecture Series for President Subra Suresh's newly launched Simon Initiative, which will explore technology-enhanced education such as the Khan Academy.

Khan closed his talk with an anecdote to illustrate the potential he sees for more widespread education delivered with novel technology to transform our society.

"If you were to go back 400 years to Western Europe, you had a 15–20 percent literacy rate," Khan said. "If you asked a clergy member, 'What percentage of the population is capable of reading,' they might have said ... '40 or 50 percent are even capable of reading.' We now know that's widely pessimistic; the answer is pretty close to 100 percent."

The historical example was meant to show how easy it is to doubt students. Khan ended his lecture by challenging the audience.

"What similar blinders do we have on today? If we ask ourselves what percentage of people are capable of understanding quantum physics, you might say maybe one percent, maybe five percent ... what percentage of people are capable of contributing to genomics research? Maybe ten percent, maybe 15 percent ... But what if over the next 10 or 20 years, ... that gets closer to 100 percent? ... [What] if education becomes a basic human right?"

"I think that will be a very exciting time to live," Khan concluded.

Election results for 2014 posted

ELECTION, from A3

position," Michalak said. "I wanted to be able to make sure somebody with the experience relevant to the position got it, and the best way to do that was to run."

"A lot of people see the organizations of Carnegie Mellon as the bread and butter of the university," Michalak said, stating that he wished to immediately focus on improving the organization recognition process and encourage graduate student participation and representation in student organizations.

Ray spoke of her joint candidacy with Glasner, saying, "It ended up being the perfect relationship, because we weren't best buddies before we came in, so we had that sense of respect for each other. But now we get along so

well; we will crack jokes with each other all the time." She added, "It's great. I honestly love working with him."

"From what I've seen so far, we work very well together," Glasner agreed. "There hasn't been too much experience on the working relationship between the two of us because the work's just getting started."

Ray encouraged students, saying, "don't be hesitant to approach us with anything. We have enough experience to make things work."

Glasner stated that he was honored to have been elected as SBP and said, "I really want to help improve the student experience at Carnegie Mellon, and if anyone has good ideas, I absolutely want them to share them with me. I look forward to a productive year."

Slackman speaks on Middle East



Abhinav Gautam/Staff Photographer
Slackman spoke on Tuesday about his experiences as a journalist in the Middle East, as well as the U.S.'s involvement in the changes occurring in the region.

POLICY, from A3

an actor should the United States be in other nations' revolutions?"

Slackman compared President Barack Obama's current foreign affairs footprint to former President George W. Bush's footprint. President Obama's footprint is much smaller than Bush's footprint was, Slackman said. He explained that Bush's term ended after two wars and two occupations and resulted in resentment from several parts of the world.

Meanwhile, President Obama promoted foreign policy through an aggressive diplomatic core, Slackman said. While Bush turned to his defense secretary for matters of foreign policy, President Obama turned to his treasury secretary to promote sanctions. "It seemed to be working fairly well until now," he said. "Right about now everybody's asking, 'Has the lighter footprint run out of gas? Is the world coming apart and moving backward again because the United States is taking a different approach?'"

"What's playing out is very mobile and it is kind of immune to the influence from abroad," he answered, noting that it is misguided to ask what America and other

outsiders should or shouldn't be doing in the Middle East: "What's happening now is a search for identity."

He said that the United States and Western Europe have trouble accepting the search for identity by countries in the Middle East while they stand by.

"But that's not to say that there's no role for the international community in the Middle East," Slackman said. "And if there's one thing that I'd like you guys to take away tonight, I want you to think about Syria."

Syria is a country of 23 million people, over half of which are displaced. Slackman said that people in Syria are caught between a brutal dictatorship and foreign powers, but the United States has not become heavily involved. He stated that maybe the United States shouldn't have applied the lessons it learned from Iraq to Syria. "The humanitarian crisis that we're experiencing in Syria is unprecedented in my life," he said. "It breaks my heart when I think about what's happening in Syria."

Slackman ended his talk with the assertion that the Obama administration has not articulated it's foreign policy well, but that if a democratic nation like the United States is not going to get in-

volved in a foreign affair like the situation in Syria, the nation has to explain why. Slackman then opened the floor for discussion.

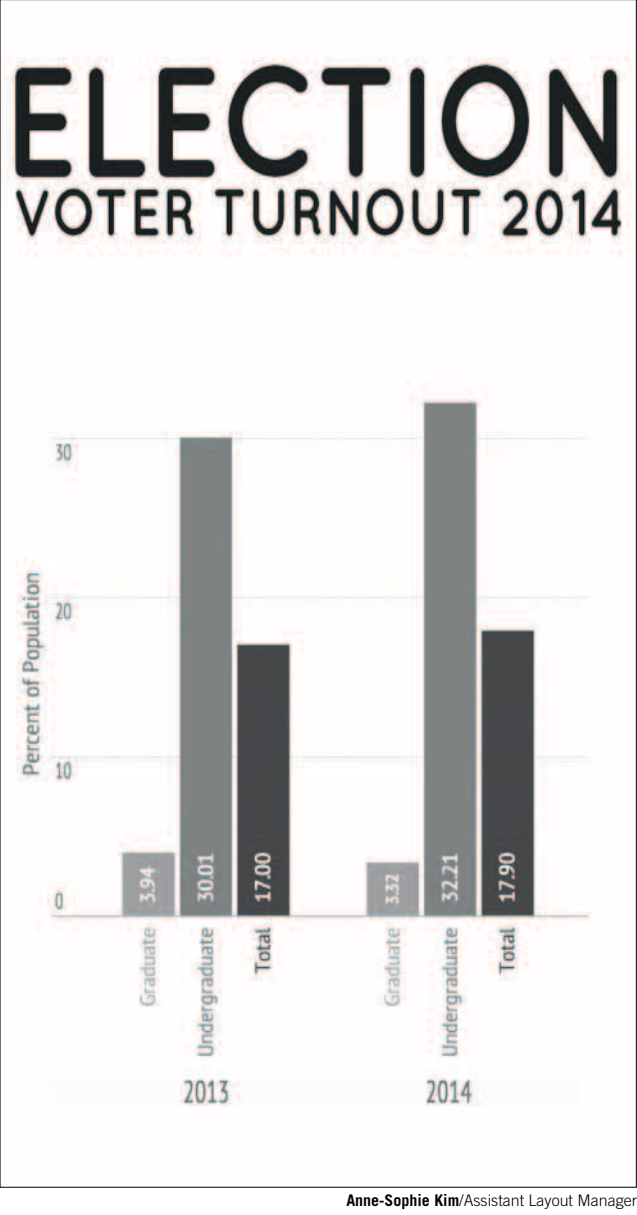
Business Affairs Committee Chair for Student Senate and newly elected Student Body Vice President for Finance Divya Kothandapani said about Slackman, "I thought it was important that someone [in media] come and explain how media works — how newspapers, editors, and writers — what they think, their thought process, and giving a different perspective."

As Business Affairs Committee Chair, Kothandapani, a sophomore electrical and computer engineering major, oversees the Collegiate Readership Program and works with *The New York Times* through this program.

The program is responsible for providing newspapers across campus in various campus buildings and dorms, including the University Center and Resnik House.

Students pay a five dollar media fee each academic year for the papers, which are otherwise free throughout the year.

For a transcript of The Tartan's interview with Slackman, visit www.thetartan.org/2014/4/7/news/nyt.



Anne-Sophie Kim/Assistant Layout Manager

Science & Technology

April Fool’s computer science conference gets many laughs

NIVEDITA CHOPRA
Assistant Copy Manager

Last Tuesday, on April Fool’s Day, the Association of Computational Heresy (ACH) held its eighth annual SIGBOVIK conference, a tongue-in-cheek, computer-science-themed conference, in a packed Rashid Auditorium. The conference showcased papers about fake, though humorous, research in computer science submitted by students and faculty. In the words of one of the presenters, “This is a really good year for attendance! I think this might be the first year that we announced the food.”

Emcee Tom Murphy VII (SCS ’07), began by welcoming the audience to “SIGBOVIK 1,000” — a play on the fact that the number eight is 1,000 in binary. He then showcased a web application, “SIGBOVIK plays Twitch plays *Pokémon* plays SIGBOVIK,” where the audience members could press keys to change the posture of a stick figure on the screen, in a manner similar to Twitch plays *Pokémon*, a crowdsourced social experiment in which *Pokémon* is played via the video-streaming website Twitch by parsing commands from users worldwide. Murphy stipulated that the SIGBOVIK presenters must maintain the same stance as the stick figure on the screen at all times while presenting, which was how the contraption in turn “played SIGBO-

VIK”. Murphy then called on the first speaker, Jim McCann (SCS ’10), who now creates video games on his own website, TCHOW (The Chicken’s House of Wacky).

McCann introduced himself as associated with TCHOW LLC, and began with a 30-second description of his latest game, TCHOW Rainbow. He went on to discuss cryptographically-sound jokes and optimality of jokes, but kept returning to this introduction and 30-second plug after every few slides, adding to the hilarity of the presentation. One of the funniest parts of his presentation was the following cryptographically-sound joke, that was also published in the conference proceedings: “What do you call a predatory fish, endorsed by the NIST and NSA?”

“A 6265a4a07968a7c1df16a61004fb7191177cafd4, of course.”

This huge string is actually SHA (‘rk’), where SHA, or Secure Hash Algorithm, is a hash function commonly used in cryptography. McCann also discussed the structure of a joke, proposing that a joke was composed of a “set up” and a “punch line” and depicted this structure using a logical system. He also gave various examples of optimal jokes, including “knock-knock” and “reverse knock-knock” jokes.

Patrick Xia, a Ph.D. student in computer science, presented DollarCoin, a new cryptocurrency, as an alternative to



Left: Patrick Xia lit a dollar bill on fire as part of his DollarCoin presentation.

Bitcoin. DollarCoin is mined, or generated, by burning a \$1 bill, while taking a video of the burning process in a specified manner. In his paper, Xia proves that burning the bill in this specified manner ensures that the currency cannot be forged or double spent. The highlight of Xia’s presentation was a demonstration of this process of generating a DollarCoin, taking a dollar bill out of his pocket and lighting it on fire.

Stefan Muller, a second-year Ph.D. student in com-

puter science, demonstrated a new and better web browser. Muller believes that standard browsers are inefficient pieces of software because they use a lot of memory, display advertisements, and are prone to security vulnerabilities. He declared that the root of the problem was the features in the web browser, because “every time you add a new feature to a browser, you’re slowing your browser down, hogging more CPU resources and potentially you’re introducing bugs into the soft-



Right: Stefan Muller demonstrated a new, better web browser.

ware.” Muller’s solution is Aluminum, the world’s fastest and most secure browser, with no extra features beyond the necessary functions of a web browser.

Muller displayed his own website using the browser and it turned out to be just plain text, not the nicely-rendered pages that we usually see on a browser. According to Muller, rendering a website is a “feature,” hence not part of this minimalist browser. He then went on to show how chunks of the website could be viewed

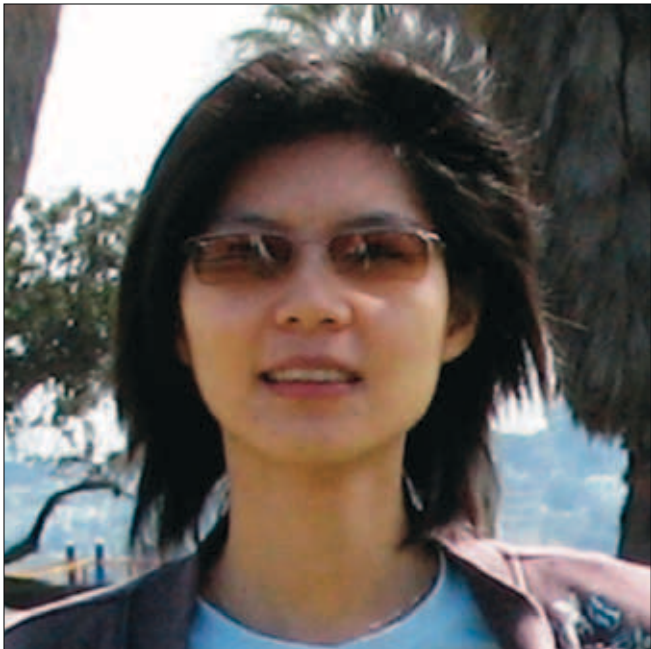
on his phone, using text messages. This demonstration led to a great deal of amusement among the audience, due to the fact that all the chunks of his website didn’t actually show up via text message, and even if they had, it didn’t look like they were sent in a particular order.

This humor-filled conference contained several opportunities for laughter. For more laughs, the conference proceedings can be found at <http://sigbovik.org/2014/proceedings.pdf>.

Lin analyzes Boston bombing using geocoded Twitter data

BROOKE KUEI
SciTech Editor

According to *The Boston Globe*, on April 15, 2013, three people were killed and over 260 others injured during the Boston Marathon bombing. In relation to the tragedy, Yu-Ru Lin, an assistant professor of the School of Information Sciences at the University of Pittsburgh, as well as a Bostonian herself, presented a Human-Computer Interaction seminar lecture last Wednesday, titled “The Diffusion of Fear, Comfort, and Solidarity during the Boston bombing.” In the lecture, she used Twitter data to study how communities are affected by tragedies.



Courtesy of Yu-Ru Lin
Yu-Ru Lin gave an HCI seminar lecture on the diffusion of fear.

“How do we examine fear, its diffusion, and its relationship to other community dynamics?” posed Lin at the beginning of her lecture. She explained that past studies on how catastrophes affect communities rely mainly on surveys, which are unreliable because of time lag and memory bias.

Instead, Lin’s approach uses data obtained from geocoded tweets: “Social media, like Twitter, allows me to sample large populations and study how people respond to real world events. This immediate response would avoid biases of memories.” Lin also noted that the data from these tweets allows her to study larger geographical areas.

She used over 180 million tweets which came from 95 of the largest cities in the world — 60 from the United States and 35 from other countries.

One focus of Lin’s study was fear. In order to determine which tweets express fear and which do not, Lin used the fear lexicon, a collection of words that linguists have determined to be associated with fear.

As an example, Lin explained that in the tweet, “What the hell just happened in Boston?” the word “hell” would contribute to the tweet’s fear index. To demonstrate the validity of this method of indexing, Lin showed that on a graph

of fear indices versus time, tweets from the city of Boston showed peaks on the day of the bombing, as well as a few days later, when a manhunt occurred.

To determine how the fear felt by Bostonians corresponded to the fear felt by people living outside Boston, Lin studied shared fear. “To study how people’s fear response is similar to that of the people from Boston, we computed a shared fear as the temporal correlation of fear indices after the bombing,” Lin explained.

Lin also focused on two types of social support: comfort and solidarity. Comfort was measured by the frequency the hashtag #prayforboston was used, and solidarity was measured by the frequency the hashtag #bostonstrong was used.

In Lin’s study, she endeavored to use tweets from the two weeks prior to the Boston Marathon bombing to predict the amount of fear, comfort, and solidarity that was observed in cities outside of Boston after the bombing. The factors which Lin used to try to make these predictions were geoproximity (how close someone lived to Boston), social connections (the strength of social connections, based on the number of replies sent between cities), and visits (if

a person visited Boston recently). She looked at these factors both individually and in combinations.

Using these models, Lin discovered that the personal visit factor had the greatest impact on whether a person from outside Boston felt fear during the same periods that Bostonians were feeling fear. She also found that the geo-social combination model was the best predictor for solidarity, although when she looked at just cities which were far from Boston, the best predictor was the visit factor. The best predictor for comfort was, again, the visit factor.

But how does shared fear correspond to comfort and solidarity? Lin found that fear is significantly associated with solidarity, but not with comfort. “So what this means is that, holding other factors constant, cities with more shared fear tend to show more solidarity,” Lin said. This result is interesting, because it suggests that fear could have a productive role in social support.

Although Lin’s study offers a comprehensive picture of community dynamics following the Boston Marathon bombing, she ended her talk with an invitation for collaboration with Carnegie Mellon researchers to further improve the study.

PUGWASH COLUMN

Monsanto gives a bad name to genetically modified products


ZEKE ROSENBERG
Staffwriter

In recent years, Missouri-based chemical company Monsanto has generated nearly-endless negative press associated with their genetically modified Roundup Ready crops. The crops, despite not being Monsanto’s primary products, are designed to be pesticide- and herbicide-resistant or even produce their own pesticides. This ability theoretically allows crops to have a higher survival rate, allowing a higher yield for farmers. The crops are incredibly controversial and have come under fire for being a threat to everything from human health to scientific research. However, high profile public battles like the one over genetically modified organisms (GMOs) produce many myths on both sides, making the heart of the Monsanto debate very hard to access.

The major genetically modified crops created by Monsanto are designed to withstand Monsanto pesticides. While very few crops have actually been commercially released by Monsanto (Roundup Ready versions of corn, canola, cotton, soybeans, squash, and papaya, to be exact), these crops account for a huge share of agriculture and the effects of the pesticides can be devastating. The increase in pesticides has created large populations of pesticide-resistant insects. This leads to Monsanto nearly fighting an arms race every year with bugs that are becoming increasingly resistant to Roundup and other chemicals used to kill pests and weeds. These population changes could drastically affect ecosystems, as well as the increase in foreign chemicals as local flora and fauna fail to adapt. Another threat to local ecosystems is Monsanto seeds that are blown out of the con-

finer of the farms on which they are grown, which could also lead to contamination with local populations and change the landscape very quickly.

Monsanto has also come under fire for what is called the Terminator Gene, according to NPR, with claims that Monsanto seeds are sterile. People argue that these sterile seeds force farmers to continuously buy Monsanto seeds rather than replanting the ones already produced. While Monsanto has isolated the Terminator Gene, they deny using it in their crops.

Further, buying new seeds each year is a common practice for farmers. The Terminator Gene can also help prevent Monsanto crops from acting as invasive species, as the seeds terminate and cannot grow.

Another thing muddling this debate is a common tendency to equate Monsanto and GMOs. While companies like DuPont are also part of the market, Monsanto holds a massive amount of the market share, and it is very difficult for GMO producing companies to start up because the negative press of Monsanto has spread to GMOs. GMOs are widely disliked, largely because of some of Monsanto’s business practices, but mostly anti-GMO sentiment has fueled the charge against Monsanto. However, under closer examination it seems Monsanto has used the con-

cept of GMOs for its own gain and not for the benefits that GMOs can yield.

GMOs have been used for extremely positive purposes. One example is golden rice, a form of rice genetically modified to contain vitamin A in order to help regions where vitamin A deficiencies are extremely common. The production of the rice has been met with mass resistance, as both environmental groups and protesters have uprooted crops and prevented the spread of the product. This resistance stems from a general resistance to GMOs, as golden rice has undergone extensive testing and has been determined to be safe both to eat and for the environment. It is clear that most of the world refuses to eat genetically modified crops despite the scientific urge to do otherwise.

The most common concern with GMOs is the health risk often associated with genetically modified foods. Many scientists tend to believe that GMOs are not inherently dangerous, but there is a very vocal minority who say they are. A common example is a 2012 study by Gilles-Éric Séralini linking Monsanto corn crops to cancer in rats. For a vast number of reasons, this study was retracted, and GMOs are likely safe to eat, but that is not the end of the debate. These general

See **AGRICULTURE**, A5



Kelsey Thompson/Junior Staff Artist

HOW THINGS WORK

Laser light produced through organized emission of photons

CLAIRE GIANAKAS
Staffwriter

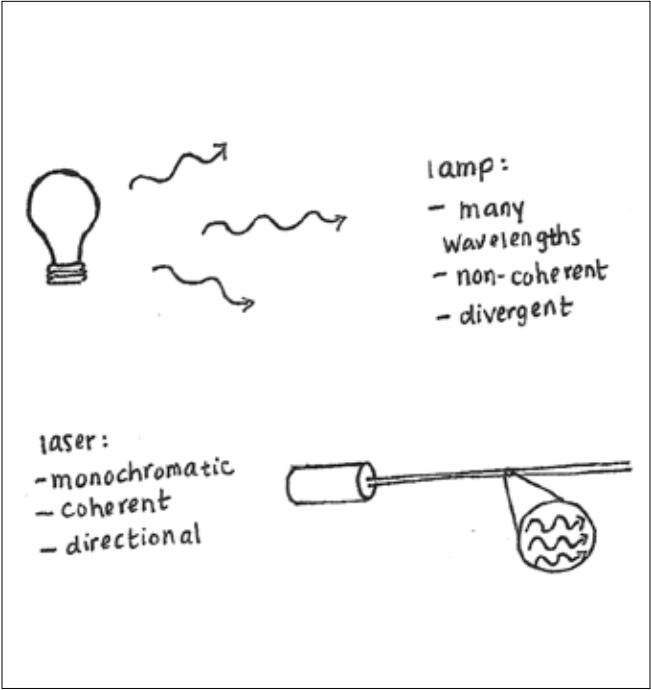
When the first laser was produced on May 16, 1960, it was described as a solution looking for a problem. Today, however, lasers are involved in many standard procedures including surgery, manufacturing, and reading barcodes and compact discs.

The science behind lasers is based in the structure of atoms. Atoms contain a nucleus of protons and neutrons surrounded by electrons in what is called an electron cloud. The electron cloud can be understood as many different orbits, often called energy levels, around the nucleus. When energy, often in the form of heat, is added to an atom, electrons are moved from their ground state energy level to a higher energy level. This state is called an excited state. Electrons in an excited state want to return to their ground state energy level.

To return to this level, the electrons will release energy in the form of a photon, which is a particle of light.

The word laser is actually an acronym for Light Amplification by Stimulated Emission of Radiation. This term is a concise way of saying that lasers control how atoms release photons.

According to LIGHTFAIR International, laser light differs from normal light in three important ways: It is monochromatic, coherent, and directional. The term monochromatic means that the light consists of only one wavelength of light. Each wavelength of light corresponds to a specific color of light, and the wavelength of light is determined by the energy state of the electron and the amount of energy released. The term coherent means that each photon moves in unison with the other photons in an organized manner. Finally, the term directional signifies that the light is released in only one direction, which



Brooke Kuei/SciTech Editor

makes the beam strong and concentrated.

In order to produce laser light instead of normal light, stimulated emission, or organized emission, must occur. According to *howstuffworks.com*, this process begins when a burst of light or electrical discharge raises atoms in the lasing medium to an energy level about two or three levels above their ground-state energy level. In order to return to their ground state, these electrons emit photons of light.

Stimulated emission occurs when one photon of light encounters an electron in the same energy level as the original electron that created the first photon. When this happens, the first photon causes the electron to emit a second photon of light with the same wavelength and direction as the original photon.

This effect is enhanced by a pair of mirrors located on either end of the lasing medium. These mirrors cause the photons of light to reflect back and forth through the lasing medium. As they travel back and forth, the photons encounter other electrons and cause them to emit photons of the same wavelength and

direction. This process ensures that the light is monochromatic, coherent, and directional. One of the mirrors at one end of the laser is “half-silvered,” which means that it reflects some light and allows some light to pass through. The light that passes through this mirror is the light that we see as the laser.

While all lasers perform this general function, lasers have been split into many different categories. The type of laser is often determined by the lasing medium. Lasing mediums can be solids, liquids, gases, or semiconductors. Some common laser types include solid-state lasers, gas lasers, excimer lasers (with reactive gas laser mediums), dye lasers (with complex organic dye laser mediums), and semiconductor lasers. Each of these types of lasers is able to perform slightly different functions. According to *howstuffworks.com*, gas lasers are often used to cut hard materials, whereas semiconductor lasers are often used in laser printers.

Lasers have already become an integral part of our daily life, and will continue to affect the fields of science and technology in the future.

PUGWASH COLUMN

Genetically modified crops are topic of heated controversy

AGRICULTURE, from A4

defenses of GMOs are not always specific to Monsanto. Often, Monsanto genetically modifies crops to solve problems that wouldn’t exist without Monsanto, creating a self-reinforcing cycle of need for Monsanto products.

Further, Monsanto’s use of patent laws makes it extremely difficult to research the exact effect Monsanto’s crops can have. Researchers need permission from the company to conduct studies. While claims of Monsanto suing people because their crop blew into a garden stems from a sensationalized version of

one lawsuit, something similar happens with scientific research where Monsanto will often refuse to give people the rights to research their products.

Genetically modified organisms and Monsanto, at the end of the day, are different. Monsanto is a chemical company producing pesticides and herbicides to help kill everything in someone’s garden that isn’t a crop. They make crops designed so that their products do not kill the crops too.

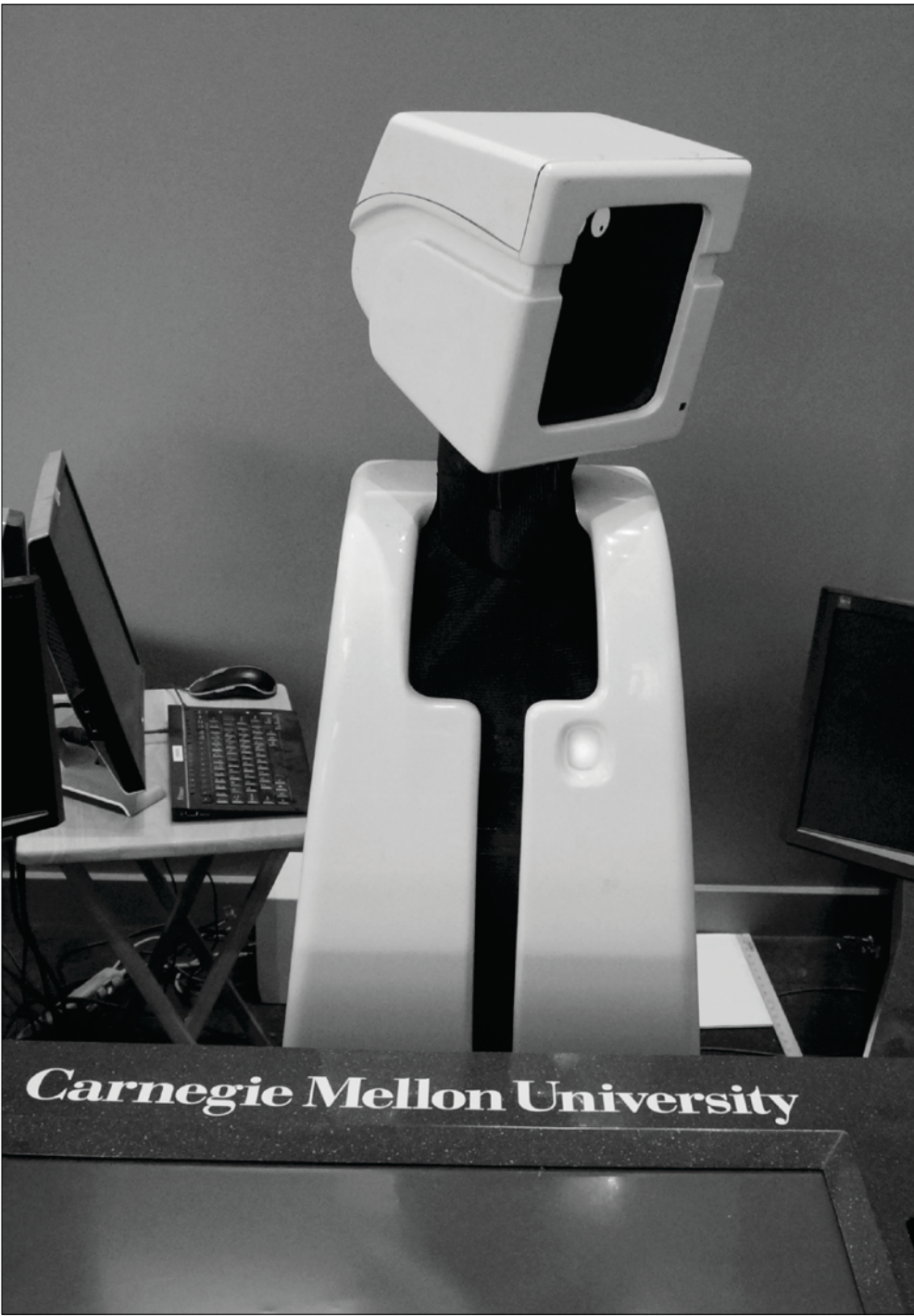
However, with massive public resistance to GMOs, these crops seem to be what we get from GMOs for the

near future. With the potential of foods that can make more land arable and arable land more efficient, a company that designs foods that only survive their own products holds a massive share of the market, coming close to a monopoly. As time goes on, will GMOs ever reach their full potential, or has Monsanto poisoned the well?

Student Pugwash is a non-advocacy, educational organization that discusses the implications of science, technology, and medicine on society. This article is a summary of last week’s discussion on genetically modified organisms (GMOs).

FEATURE PHOTO

Victor the sassy CMU robot plays Scrabble with students



Abhinav Gautam/Staff Photographer

Victor is a gamebot who sits in the third floor cafe of the Gates Hillman Center and challenges students to games of Scrabble. He is part of a research study on how humans and robots interact.

SCITECH BRIEFS

Gene editing cures mice of disease

The CRISPR-Cas system, developed by researchers affiliated with The Massachusetts Institute of Technology (MIT), has shown to correct a genetic mutation in mice by using gene-snipping machinery from bacteria. With this technology, a DNA-cutting enzyme binds to a specific sequence close to the mutation. The enzyme is then able to cut the DNA and then paste a correct, non-mutated version of the gene into place. Using this method, researchers were able to correct a mutation in live mice that results in the inability to break down the amino acid tyrosine.

The hope is that one day this technology can be used to cure single-gene disorders in humans.

Source: ScienceDaily

Researchers reset immune systems

Researchers at Emory University have tested a method that “reboots” one’s immune system on 20 patients undergoing kidney transplants. Normally, when a patient undergoes an organ transplant, he or she must take an intense drug cocktail to keep the immune system from attacking the new organ. The treatment begins with a drug, inserted intravenously, that significantly decreases the amount of white blood cells. These cells “regrow” over the next year, and this time they accept the new organ. Doctors give a monthly injection of a drug that helps the white blood cells accept the new organ even more; another drug is given to suppress some of the old cells which might attack.

Source: *New Scientist*

Transgenic trees better for biofuels

A recent article published in *Nature* shows that transgenic poplar trees are easier to break down to make paper and biofuels. Lignin, a tough polymer found in trees, is usually the most difficult part of the plant to break down when making biofuels or paper. The transgenic poplar trees, however, have a form of lignin that is easier to break down.

“The potential for saving energy is so high that this change should be considered in every plant that’s destined to be pulped or converted to biofuel,” said Professor of biochemistry at the University of Wisconsin-Madison John Ralph, an author of the paper. Ralph and his team have filed patent applications for the genetically modified poplars.

Source: *Nature*

Geologic clock finds age of moon

An international team of planetary scientists has determined that the moon formed around 100 million years after the solar system began. The international research team set up hundreds of simulations of the growth history for planets similar to Earth. By looking at growth simulations for Earth-like planets, they found a relationship between the time Earth was impacted to create the moon and the amount of material added afterward. By adding information about the mass of the Earth to the simulations, a “clock” was found in the data. Previous research provided data on the mass of the Earth post-impact.

Source: ScienceDaily

Ebola outbreak in Western Africa

An outbreak of the Ebola virus has taken the lives of more than 80 people in Western Africa, mostly in the country of Guinea. The World Health Organization reports a total of 137 cases. Doctors Without Borders has been attempting to educate citizens about how Ebola is spread, as well as help train medical personnel that may have to deal with infected patients. Genetic analysis has indicated that the strain of this outbreak is most closely related to the strain Ebola-Zaire, considered one of the most deadly of Ebola strains.

Ebola causes hemorrhagic fever and has a mortality rate of over 60 percent.

Source: CNN

Muscles controlled by reaction to light

Scientists have developed a new way to control muscles with light.

The research, developed at the University College London, involves transplanting synthetic motor neurons into nerve endings. The neurons are made from stem cells and react to blue light; scientists can control the muscle function depending on frequency, intensity, and pulse of the light. These cells may help individuals with diseases that affect motor neurons and cause paralysis, such as amyotrophic lateral sclerosis (ALS).

Source: ScienceDaily

Compiled By
MICHAEL SETZER

When you Drink to excess...

Your Perception is....



Other People’s Perception is...



The CMUPD encourages everyone to Realize Alcohol Influences Decision-Making

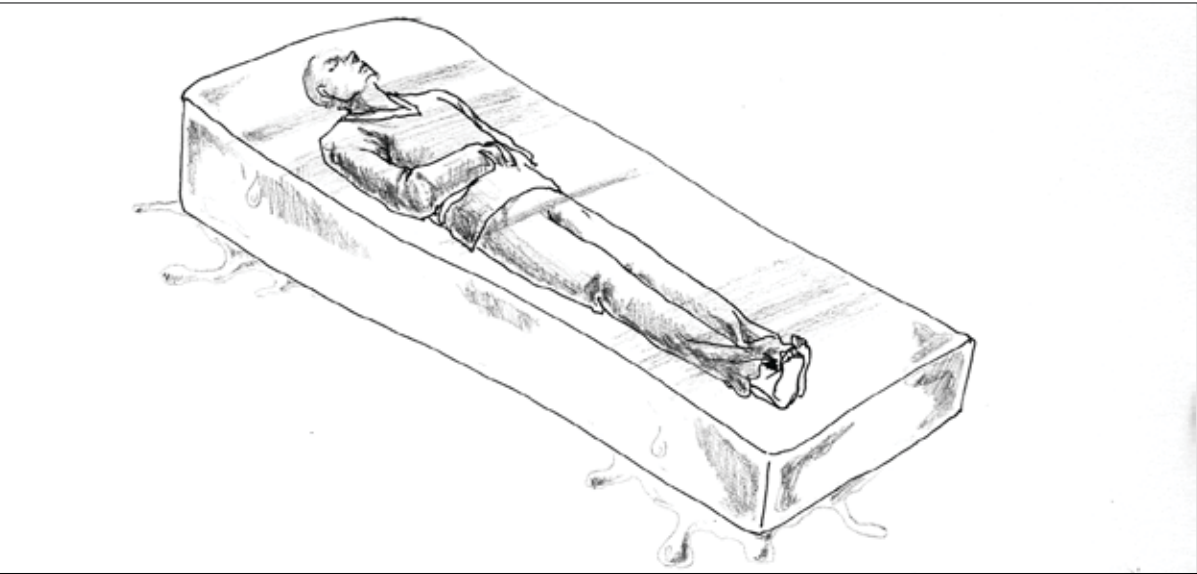


Carnegie Mellon University
University Police

Funded by a grant through the Pennsylvania Liquor Control Board.

Forum

FROM THE EDITORIAL BOARD



Eunice Oh/Staff Artist

Suspended animation risky, could save lives

University of Pittsburgh Medical Center (UPMC) surgeons will soon begin human trials on suspended animation, which is more formally known in the medical community as emergency preservation and resuscitation, according to *Medical Daily*. The technique is intended to give doctors more time to fix life-threatening wounds, such as gunshot or stab wounds, and has been a resounding success in non-human trials. The pigs used in those trials survived the procedure with no cognitive or physical impairments. The procedure will only be used on patients in cardiac arrest, and it involves replacing all the blood in the body with a cold saline solution, which induces a physical state very similar to hypothermia.

If the procedure is successful, other hospitals will begin to implement it. UPMC should be commended for its willingness to innovate and try potentially dangerous procedures in a cautious manner. Obviously, the hospital is not attempting the technique on any and all patients who come into the emergency room. According to Dr. Samuel A. Tisherman, the lead surgeon in these trials, speaking to *The Huffington Post*, the ideal patient for the procedure would be someone who was admitted to the hospital with a fatal gunshot or stab wound, and who did not respond to the conventional treatments the hospital currently employs. Choosing only patients on the edge of death avoids the potential

ethical minefield of using such extreme methods in human trials. However, the FDA does not require approval from the patient or the family, as the patient would die without some kind of extreme intervention. The procedure itself sounds unnerving, like something out of science fiction, especially as the patient will be clinically dead for a few hours and then revived. Risky medical procedures, especially in human trials, should not be taken lightly; hospitals should carefully consider how they implement these techniques. UPMC has clearly considered the risks and is going about these trials in a measured and methodical way. This unconventional technique has the potential to save lives.

New student government must fulfill platforms

Last week the results from the student body elections revealed that Ian Glasner and Shalini Ray were elected as student body president and vice president, respectively. Glasner and Ray displayed a great deal of confidence and experience in the debates held prior to the election and have an ambitious platform promised for their upcoming term. It's important for Glasner and Ray to remember and be accountable for these goals, ranging from reforms of the dining system to changing the dorm alcohol policy on campus. During the SBP/SBVP debates, they displayed their knowledge of the systems related to student government and campus administration in an impressive manner, especially with Glasner referencing meetings he held with various campus officials regarding the issues being campaigned on. However, a few topics — specifically the dorm alcohol policy — will be difficult to accomplish. Glasner and

Ray need to put their utmost effort into representing the wishes of our student body and carrying out their initiatives in a practical and well-reasoned way. Glasner and Ray exhibited remarkable poise and institutional knowledge prior to their election, and we hope that they will continue to impress as they assume their respective student government roles. Similarly, recently-elected Student Body Vice President for Finance (SBVPF) Divya Kothandapani and Student Body Vice President for Organizations (SBVPO) Jack Michalak must strive to fulfill their duties to the student body as they assume office. Kothandapani's campaign platform did not promise reforms as bold as those suggested by SBP and SBVP candidates, but her desire for a more comprehensible budgeting process would be an excellent addition to the current system.

Michalak campaigned on goals including expediting the organization recognition process and improving how student organizations receive advice. His platform also addressed supporting broader initiatives such as improving room selection, the installation of gender-neutral restrooms, and expanding the amnesty policy to cover drugs. While all important topics, Michalak should focus most of his efforts on accomplishing what is most in his power to do so. As a sophomore, Michalak has the opportunity to run for higher student office, where he'd have greater power to tackle and throw greater support behind some of these broader reforms. The Tartan congratulates the newly elected SBP, SBVP, SBVPF, SBVPO, as well as the college senators. We hope that those elected will be accountable for their promises and work with the student body to build a better campus community.

No double-booking registration eases stress

No longer will students be able to double-book themselves for classes during registration. In an email sent out to the student body on Thursday, University Registrar John Papinchak detailed that, in order for students to register for two conflicting courses, they need to run it by their academic adviser before registration, and must gain permission to take them concurrently. Trying to juggle courses that meet at the same time is a risky move for students; while it's sometimes necessary in order for them to complete their coursework before they graduate or for other valid extenuating circumstances, there is no reason why the option should be open to students from the start of registration.

Also, some students that have trouble deciding which courses to take often overload themselves with courses — some of which overlap — in order to try each of them, then drop the ones they don't like as much. The new registration policy will make this practice more difficult. The Associate Deans' Council made a smart move in implementing this new registration policy. Not only does it encourage students to make decisions about their next semester's course work earlier on, but it also helps alleviate some stress among the student body. Carnegie Mellon is known for its stressful and academically intense environment, and balancing two classes at the same time contributes to that environment. In a

roundabout way, the faculty and administration are helping to combat Carnegie Mellon's "stress culture" with this new policy. Admittedly, this new policy may prevent students from getting some of the classes that they want. Some people have back-up classes lined up so that they have a second option ready and waiting in case they don't get off the waitlist for their first-choice class that meets at the same time, but now students have to decide if they want to risk getting off the waitlist for that class or take the safer route with a different, more accessible course. Despite this drawback, the policy will help ease both the registration process and students' stress levels.

Malaysia flight media coverage misguided



JUSTIN YAN

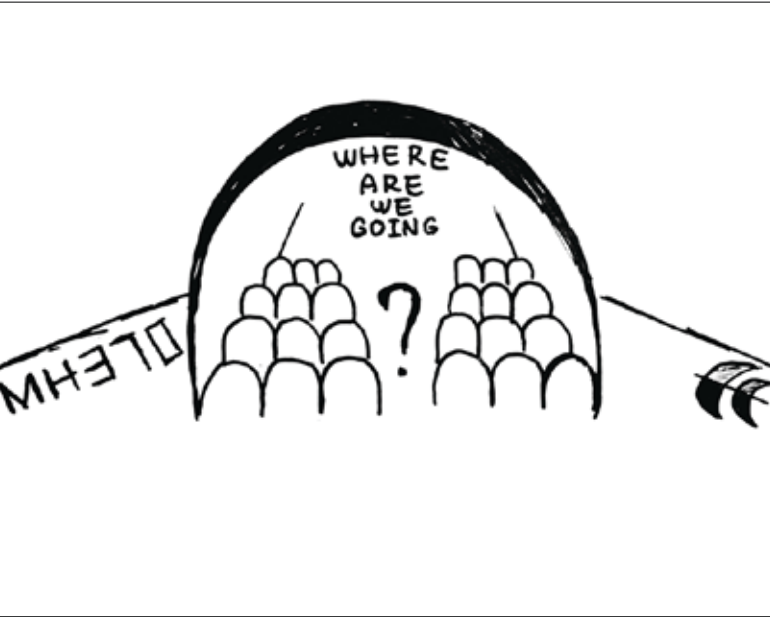
It's almost been a month since the ill-fated Malaysia Airlines Flight 370 was declared lost, and almost two weeks since it was officially declared to have crashed in the South Indian Ocean. As numerous planes scour the seas for any sign of wreckage or debris, we — the onlookers — have followed the news story from the start. We have seen the countless theories surrounding the flight, including everything from the pilot and his co-pilot, stolen passports, hijackings, and the Illuminati. It is important to follow current events, yes. They make us well-informed citizens and enable us to participate in a public dialogue with our friends, professors, and whom-ever else we meet. But there comes a point when we are overloaded with information from the press. The press has reached maximum capacity when it comes to Flight 370.

“On the other side of the TV are viewers obsessed with finding this flight. Something within our human subconscious is drawn to such tragedies, and the surrealism of a plane-crash contributes to our fascination.”

In the past month, I have received more than 10 mobile pings that have said, “Potential debris spotted in Indian (or South China Sea) Ocean” or some other variant. In fact, according to *The Huffington Post*, CNN reporter Martin Savidge has spent the past month or so in a flight simulator testing Flight 370 theories, inspiring the Twitter trending hashtag #freemartinsavidge. Despite the extensive media coverage, there have been few significant developments in the past month regarding the flight. These developments have included, first, that the flight had disappeared; sec-

ond, that it has been declared lost in an area in the South Indian Ocean using satellite data, complex calculations, and the Doppler effect; and last, that there have been possible debris sightings close to the area where the plane is believed to have passed through. But as each day passes without confirmed sighting of the wreckage, the media — CNN in particular because of its wide, expansive coverage — has resorted to excruciatingly aggravating extrapolation. In fact, one headline on CNN even read “Was Flight 370 a Zombie Plane?” There have been theories — none of which are substantiated in any way — regarding terror plots, hijackings, and a secret message from the plane before it vanished. Not only is CNN covering the story this way, but the other “Big Two” — Fox and NBC — have joined in, perhaps in an effort to boost television ratings in an era where news is more mobile and Internet-based. I'm not saying that the CNN or news outlets should not be covering Flight 370. In fact, there are some fascinating stories behind it. For example, Malaysia's public relations and general management of the flight's disappearance have been criticized internationally. Therein lies the potential for a story with concrete facts and credible sources, one that would not be an extrapolation. However, on the other side of the TV are viewers obsessed with finding this flight. Something within our human subconscious is drawn to such tragedies, and the surrealism of a plane crash contributes to our fascination. Flights, which used to be considered a luxury, are now considered to be essential. Air travel has connected the world by making it so much easier to traverse. As a result of this accessibility, there is a sense of security, ease, and comfort, even, to be traveling in a metal bird thousands of miles above the ground. Then, an incident like Flight 370 comes along and disrupts our confidence in such a sense. As a result, we are compelled to understand what went wrong, and how Flight 370 differed from the millions of others. That being said, there are several issues with the way the “Big Three” — CNN, NBC, and Fox — have been capitalizing on this innate public interest in the doomed flight. The outlets, by throwing speculations and extrapolations, have left us confused and lead us to question their authority and integrity on such relatable, high-profile incidents.

Justin Yan (jky@) is a staffwriter for The Tartan.



Shijie Rao/Junior Artist

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THE TARTAN



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American Exceptionalism remains vital



American Exceptionalism is in crisis mode. Maybe President Obama articulated it best when he was asked about it in 2008.

“Sure I believe in American Exceptionalism,” he said, “just like the Brits believe in British Exceptionalism and the Greeks believe in Greek Exceptionalism.”

Some people just don’t believe in American Exceptionalism anymore. Some people actually find the whole notion of American Exceptionalism to be unfounded, nationalistic hubris created to justify American cockiness and aggressive foreign policy. While American Exceptionalism and its drivers are changing, we are still an exceptional nation, but for different reasons and with different implications than before.

To understand this change, one must first understand the origins of American Exceptionalism and what it has historically meant. The idea of American Exceptionalism is commonly traced back to Governor John Winthrop’s 1630 “A Model of Christian Charity” speech. Winthrop declared, “For we must consider that we shall be as a city upon a hill. The eyes of all people are upon us.”

Contrary to popular belief, Winthrop meant that Europe would be watching to see how the American experiment unfolded, not that we’re somehow on a pedestal above other nations. He understood that the New World provided a platform for trying new governance. If we succeeded, then people would voluntarily follow our example. The concept of American Exceptionalism was never meant to prove that we were better than everyone else, just different: the exception to the European rule.

As American society wore on, we developed three factors that set us apart from Europe. First amongst them is our religiosity. As Alexis de Tocqueville noted in his famous *Democracy In America*, we have historically been a very religious set of people, and that sets us apart from many other nations. de Tocqueville noted that, because Americans were so religious, we were more inclined to work hard, adhere to strict moral codes, believe in personal self-sufficiency, take pride in being self-sufficient, and uphold family values.

Additionally, the United States has always been a unique defender of freedom at home and abroad. Internationally, we were the force that turned the tide in both world wars and, domestically, our Constitution was designed to safeguard against tyranny in all forms with careful checks and balances of power. Mitt Romney took to calling the United States “the hope of the Earth” throughout his 2012 campaign, reflecting on our commitment to propagating liberty.

Finally, the circumstances of our country’s founding were exceptional. We were one of the first successful anti-colonial revolutions, and we birthed a country that did not have a history in feudalism. Because of these circumstances, social mobility and opportunity have abounded in the United States, and the idea of a

Marxist proletariat working class, stuck in squalor, is foreign. We generally believe that hard work can get anyone ahead.

Of course, these three factors don’t have positive connotations to many groups of people in our country. Religiosity is definitely declining, especially amongst younger generations, and religiosity is the main driving force for pro-life and anti-LGBT movements, further alienating more and more people as the national dialogue becomes more accepting.

Additionally, as we look back on slavery and racism in America, it’s increasingly apparent that we were only guardians of domestic freedom for white men until about 50 years ago, and even now we’re a far cry from living in a colorblind society. Also, guarding freedom abroad gets us into nationally and internationally unpopular wars, notably Iraq and Vietnam.

“No other country has a platform for intranational legislative experimentation the way that the United States does ... federalism paves the way for continued innovation and improvement.”

Finally, after the recent recession, the middle class has become increasingly worse off, and social mobility has been damaged. As a recent study by The Equality of Opportunity Project noted, American social mobility is not the same as it was 50 years ago.

Clearly, American Exceptionalism and its drivers are changing, but perhaps appropriately. Fleeing religious persecution, dying for freedom, and starting fresh on new land aren’t even distant memories anymore — they’ve entered into the lexicon of American folklore. But a change in the factors that birthed American Exceptionalism doesn’t spell its demise. We are still an incredibly unique nation, relying on two new factors to create a lifestyle and culture that can’t be found anywhere else in the world: entrepreneurship and federalism. Religiosity contributed to Exceptionalism because it drove people to put in an honest day’s work and lead a virtuous lifestyle in the eyes of God. Religion is declining as a motivating factor, but there are people in this country working harder than their religious predecessors, driven instead by their passion and ambition.

The United States has become the global capitol of entrepreneurship, touting enterprising, risk-taking visionaries who sleep under their desks and work long hours into nights and weekends to follow their dreams and create something they believe in. While your stereotypical religious family man is seen less and less, entrepreneurs are creating their

own brand of rugged, individualistic apotheosis. It’s hard to imagine the lexicon of American folklore 100 years from now without the names Zuckerberg, Gates, and Jobs. Without the fear of God, startup culture is promoting hard work and driving economic growth in a way that’s unique to this country.

In the San Francisco area alone, there were 7,439 new ventures last year, and in New York, Philadelphia, Boston, and Pittsburgh combined there were 7,744, according to StartupBio.me. Compare that to all of Western Europe, which had a total of 2,917 new ventures, and it becomes apparent that religion isn’t necessary to sustain the levels of hard work that make our country exceptional.

Aiding entrepreneurship in keeping America exceptional, our federalist system of government provides a platform for experimental governance seen nowhere else in the world. The system of states being able to experiment with most powers of government, while all living under one prosperous federal framework, gives our government the ability to adapt to new circumstances much quicker than other countries, and also allows us to try new policies with limited consequences.

Examples of federalism are far reaching and varied. SeaTac, a city in Washington, recently raised its minimum wage to \$15 an hour in an effort to explore the effects a higher minimum wage would have on the community. In 2011, Vermont passed statewide legislation that created, essentially, the first single-payer healthcare system in the country. Additionally, Colorado and Washington have experimented with legalizing recreational marijuana, and states across the union have started allowing same-sex couples to get married.

These changes have had an effect in Washington and across the globe. The Supreme Court struck down the Defense of Marriage Act as a response to state-by-state same-sex marriage legalization. This decision has brought the issue of same-sex marriage into the national dialogue in places like Ireland and Chile, where same-sex marriage is still considered taboo.

No other country has a platform for intranational legislative experimentation the way that the United States does, and as the role of government in people’s lives continues to change, federalism paves the way for continued innovation and improvement.

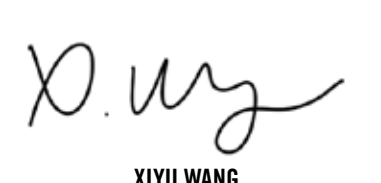
Throughout the course of history, our willingness to try new things — whether we succeed or fail — has paved the way for improvement across the globe.

From the immeasurable amount of good that cell phones are doing to lift people out of poverty in Africa, to understanding that alcohol bans aren’t going to work, America’s differences have made the world a better place.

As Winthrop noted almost 400 years ago, people around the world look to our example to learn. We don’t have to be better or worse than any other country, just different. Let’s keep America weird.

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

#CancelColbert fiasco is social justice gone wrong



Last week, one of my favorite shows, *The Colbert Report*, was harshly criticized because of a tweet: an out-of-context joke about the “Ching-Chong-Ding-Dong Foundation for Sensitivity to Orientals or Whatever.” Upon reading this tweet, Suey Park, a Twitter activist, sent out a tweet calling for Colbert’s firing with the hashtag #Cancel-Colbert, subsequently creating a newstorm as various media outlets picked up the story. Damn it, news corps, you made me care about a Twitter hashtag.

Even out of context, the joke was not offensive to me, though that may just be because I’ve heard one too many Ricky Gervais jokes about child rape. In context, it is a stretch for anyone to call it offensive; it satirizes Washington Redskins owner Dan Snyder’s charitable foundation for Native Americans, which has the term “Redskins” in it. In fact, it reaffirms that “Ching-Chong-Ding-Dong,” like “Redskins,” is racist.

Upon realizing that she had taken the joke out of context, Park told people that she didn’t actually want Colbert’s show to be canceled, and that she used the hashtag to raise awareness for her broader message.

Supporters of #CancelColbert claim that comedy should not use racial stereotypes, and that satire has to be completely clear about who it is ridiculing because people could misinterpret the use of subtle anti-racist humor as a green light to use actual racist humor.

There is no special reason why comedy in particular, along with every other kind of entertainment and speech that exists, should not use or discuss racial stereotypes. These stereotypes won’t go away if we stop talking about them. Furthermore, all speech can be misinterpreted. For instance, Glenn Beck used Martin Luther King, Jr.’s speeches for his conservative causes despite King’s advocacy for liberal causes. The value of any form of speech should not be determined by the people who

misuse it. Colbert’s critics also claim that white men should not comment on race, which is a fairly ridiculous assertion. Being white doesn’t mean you can’t make good points about race. Furthermore, conversation about race relations should aim at being inclusive rather than exclusive. More disturbing is the number of people who claim that Park’s tactic of overreaction, calling to cancel Colbert’s show, was justifiable in raising these concerns.

Fox News pulled a similar stunt in 2010, when it took a quote from then-government official Shirley Sherrod out of context, painting the content of one of her speeches as a diatribe against whites, when in reality it was a personal story of racial healing. As a result, Sherrod was forced to resign from her position as Georgia State Director of Rural Development for the United States Department of Agriculture.

It is unlikely that a celebrity like Colbert would be fired due to #CancelColbert, but suppose Park’s target had not been Colbert, but some business owner or teacher whose words were taken out of context. The tactics used by Park and Fox News are irresponsible and have the potential to damage the careers and lives of innocent individuals.

Some people may wonder why I’m not criticizing the commentators who sent rape and death threats to Park. Their behavior is vastly more reprehensible, but no reasonable person actually thinks such behavior is justified. On the other hand, a lot of legitimately influential people seem to agree with #CancelColbert on the views I have mentioned.

Also note that this is not a commentary on social justice in general, but rather on these specific viewpoints that certain members of the community hold. There is a place in the world for social justice, in a society where minorities are still culturally and politically underrepresented. However, insular and sterilized conversations peppered with knee-jerk reactions do not in any way advance social justice causes.

Xiyu Wang (xiyuw@) is a staffwriter for *The Tartan*.



Kelsey Thompson/Junior Artist

A PERSON’S OPINION

Compiled by Sara Remi Fields

The Tartan is about ready for the biggest Carnegie Mellon event of the year. So we asked, **What are you most excited about for Carnival?**



Darrin Willis
ECE
Sophomore

“I’m most excited to be done with work for a brief period of time. I’m also excited about the booths.”



Shoshana Klein
BXA Music, Psychology
First-year

“I don’t know, it’s my first Carnival!”



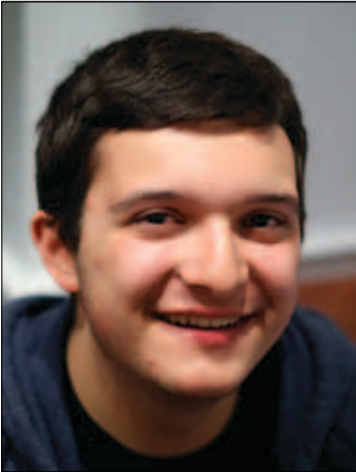
Jay Kapur
Decision Science
Junior

“One of my good friends from high school and I both came to CMU, so our friends from home come visit during Carnival!”



Maya Lassiter
ECE
First-year

“I am involved with buggy so I’m excited for that! I’m excited for everyone to be relaxed and have fun after these stressful weeks!”



Niko Torres
ChemE
First-year

“I’m really excited for the 25th Annual Putnam County Spelling Bee! I’m also excited for everyone having fun together.”



Tartan tennis teams secure victories

UCL matches see teams battle for first

CARL GLAZER
Senior Staffwriter

The Carnegie Mellon men's and women's tennis teams traveled to Case Western Reserve University on Saturday, and both came home with victories.

The 11th-ranked men's team was the underdog against 8th-ranked Case Western, but managed to pull out the victory after they fell behind 3-0 after the doubles matches. The Tartans then came back and took five of six

singles matches to claim the 5-4 victory. Juniors Christian Heaney-Secord and Will Duncan both pulled out victories in three sets, winning 4-6, 6-2, 6-3 and 7-5, 1-6, 7-5, respectively.

The three first-years Kiril Kirkov, Kunal Wadwani, and Kenny Zheng came up big for the Tartans, with Wadwani and Zheng both winning in straight sets, 6-3, 6-2 and 6-3, 7-6 (9) and Kirkov coming from behind to win his match 6-7, 7-6, and 7-5.

The women's tennis team,

ranked ninth in the nation, had a much easier time against the 27th-ranked Case Western squad. In a reversal from the men's match, the Tartans took a 3-0 coming out of the doubles matches. Junior Bryn Raschke and first-year Vanessa Pavia came back from a 5-4 deficit to win 8-5 while the tandems of senior Katie Cecil and sophomore Brooke Tsu and junior Angela Pratt and first-year Nicholle Torres had an easier time, winning 8-3 and 8-5, respectively.

In the singles matches,

Pratt, Pavia and Cecil all won in straight sets to quickly secure the victory for the Tartans. Pavia only surrendered one game all match winning 6-1, 6-0. Pratt and Cecil, while not as dominating, still cruised to easy victories — 6-4, 6-1 and 6-1, 6-4, respectively.

The women's team next competes on April 18 when they host Duquesne University, while the men's team is back in action on April 19th when they host Kenyon College.

COMMENTARY, from A10

well, coming away with an important two-goal cushion. It would be wrong to count Chelsea out however, as PSG will be missing their best player in striker Zlatan Ibrahimovi for the second leg. Edinson Cavani is more than able backup, but should Chelsea manage to keep a clean sheet, a 2-0 win would mean they go through.

Winner: Chelsea. Reason 1: Mourinho has never lost at the quarterfinals in the UCL. Reason 2: Mourinho knows how to win this tournament.

Barcelona vs. Atlético Madrid

This matchup was the hardest to call, and remains so. In their four games so far this season, there have been two 0-0 draws and two 1-1 draws. Barca and Atlético have not been split this season and its probably why they are currently the two top teams in the La Liga. These two teams will likely battle it out for the La Liga title on the

very last day, and the winner of the second leg could very well win the UCL title as well. Atlético Madrid have the advantage, as Atlético midfielder Diego's stunning goal at the Camp Nou gave them the away goal they needed, while forward Neymar continued his run as the only Barca player to score against Atlético this season. Barca has the x-factor though in forward Lionel Messi, arguably reaching the same form that made him the best player in the world before his injury this season. Atlético, though, have not lost at home this season and conceded two goals only to Real Madrid at the Vicente Calderón Stadium. Barca will need their best players to be on top form, and manager Tata Martino must get his tactics right, else Diego Simeone's team will move one step closer to the impossible.

Winner: Atlético Madrid. Madrid will win only by a whisker only though — because this means no Messi and Barca in the semifinals for the first time in 6 years.

UAA Sports Standings

Men's Basketball

Univ.	Conf.	W	L
Wash. U.	14-0	24	3
Emory	9-5	19	9
NYU	6-8	16	10
Chicago	8-6	15	10
CWRU	6-8	14	11
Brandeis	5-9	13	12
CMU	4-10	11	14
Rochester	4-10	10	15

Men's Tennis

Univ.	Conf.	W	L
CMU	0-0	14	5
Emory	0-0	13	5
Wash. U.	0-0	13	2
CWRU	0-0	11	5
Rochester	0-0	10	4
Brandeis	0-0	7	4
Chicago	0-0	6	6
NYU	0-0	3	0

Men's Swimming/ Diving

Univ.	Points
Emory	1,533.0
Chicago	1,529.5
Wash. U.	1,150.5
CMU	1,116.0
CWRU	1,035.5
NYU	960.5
Rochester	618.0
Brandeis	331.0

Women's Basketball

Univ.	Conf.	W	L
Wash. U.	13-1	24	3
NYU	9-5	20	6
Emory	5-9	16	9
Chicago	9-5	15	10
Brandeis	7-7	14	13
Rochester	6-8	12	13
CMU	3-11	12	13
CWRU	4-10	10	15

Women's Tennis

Univ.	Conf.	W	L
Emory	0-0	15	2
CMU	0-0	13	3
Wash. U.	0-0	13	3
CWRU	0-0	7	7
Chicago	0-0	7	7
Brandeis	0-0	6	8
Rochester	0-0	4	6
NYU	0-0	0	3

Women's Swimming/ Diving

Univ.	Points
Emory	2,055.0
Wash. U.	1,270.0
Chicago	1,239.0
CMU	1,137.0
NYU	1,010.0
Rochester	838.0
CWRU	677.0
Brandeis	269.0

CARL GLAZER
Senior Staffwriter

The Carnegie Mellon women's golf team participated in their inaugural event on Saturday.

For the 2013-14 season, the team is under club status to prepare for the transition to the intercollegiate level next season.

The Tartans finished sixth overall at the Thiel College Invitational with a team score of 446.

Senior Ali Nichols led the way with a fourth place indi-

vidual finish, shooting a 94 on the day. Sophomore Yoon Hee Ha also put up a strong individual performance with a round of 97, good enough to tie for sixth place.

Junior Brooke Kuei and first-year Molly Higgins rounded out the history-making squad.

The Tartans next compete on Thursday at the Saint Vincent Invitational held at Glengarry Gold Links in Latrobe, Pa.

Editor's note: Brooke Kuei is SciTech editor for The Tartan.

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DISCOVER
LET'S MAKE A DIFFERENCE

FEATURE PHOTOS

Water polo finalists compete in tournament hosted at CMU



Duke University (blue) and Pennsylvania State University (white) competed in the finals at the women's water polo tournament at Carnegie Mellon this Saturday and Sunday.

Jonathan Leung/Photo Editor

FEATURE PHOTOS

Track and field teams edge out competition for second



Left: Senior Jacqueline Guevel hurdles to first place in 100- and 400-meter hurdles. **Right:** Sophomore Brian Bollens, ahead here, finished the steeplechase behind first-year Curtis Watro with a time of 10:35.13.

Jason Chen/Assistant Photo Editor



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Sports

Compubookie predicts SDC to win Buggy Carnival races

COMPUBOOKIE
Special to the Tartan

To start, I have to thank Ben Matzke for helping me last year to get my annual thoughts on buggy out there. This year, however, I've opted to go back to the good old ways.

This year has been quite the interesting one. We've seen some new additions to the buggy fleet with a few buggies mysteriously disappearing from competition, but that aside, the field is more level this year than I would have predicted while watching fall rolls. Well, that is, if you're not counting SDC. As a hint, going forward into predictions, you're going to see those letters come up very often. Let the fun commence.

In the women's division, we'll watch the powerhouse that is SDC A walk away with a (nearly) uncontested first place finish. There is potential for them to break the 2:30 barrier. Their competition will be from Fringe A, who will be looking to close the gap after last year's performance. Both teams have solid pushers to follow up the even faster buggies from those organizations. Things will get a little lazy between CIA A and SDC B, but I believe the willpower of the CIA women will edge out SDC B for their respective third and fourth place finishes. Last

year, we saw a third place finish from PiKA A, narrowly ahead of CIA and SDC, but this year, I haven't seen much of their pushers and expect them to roll into fifth place, relying heavily on PiKA mechanics. At the bottom of the pack, I expect a dark horse candidate out of Sig Ep A.

Before I share my thoughts

to see shuddered wheels and spun-out buggies in the chute this coming raceday — on to men's predictions.

Barely making it to day two, I expect to see SDC C come back weaker than last year. This time, I doubt there will be as many disqualifications to boost their place.

Having an additional year

surely use one of their experienced drivers and sleek buggies to propel the second team into fifth place. PiKA A will end up disappointing, with another poor showing in the pushing department. Their SDC-esque buggy is going to dominate the downhill, but when we're in the top five, a fast buggy will never be fast enough. That's because there are still some competitors to be reckoned with, such as Fringe A, who will not make the same mistake as they did last year. Sending their top buggy and top driver with a quality push team can secure them some third place hardware. Sig Ep A, who jumped up the rankings in 2013, will surely be motivated to keep that next-to-top spot; they have shown signs that they are ready to fight for it and will hold onto it, at least for this year.

With no further delay, as you may have predicted yourself, SDC A will cruise across the finish line with the coveted first place trophy waiting for them. Buffered by a five-second gap between first and second last year, SDC will have their eyes off the rear-view mirror and zoned in on the clock.

Good luck to the teams and enjoy the races. I look forward to seeing you all on raceday, although you'll never see me.

This year has been quite the interesting one.... The field is more level this year than I would have predicted ... that is, if you're not counting SDC.

on the men's division, I want to say that this year will have all the excitement one could imagine. The spring rolls started very late, and I have yet to see raceday-quality speeds from any organization. Moreover, course quality has been rapidly degrading to the point that drivers have the joy of zigzagging through cones every morning.

That in itself isn't too hard, but knowing other treacherous potholes on the course must be holding back drivers and mechanics alike. So with drivers coming down the course faster than they have all semester combined with abysmal road surfaces, expect

with their driver, PiKA B will likely squeak into a ninth place finish. Look for Fringe B to come in eighth with one of their faster buggies. CIA A will be safely into day two with a seventh place finish above all the backup B and C teams. Recently having put a new buggy on the course, we'll see if their pushers are equally motivated as their mechanics.

Spirit A is a team with everything to win and hopefully their driver will display as much skill as their pushers have speed. They will land short of the top five with a sixth place finish. Inevitably, that spot will be stolen by SDC B. The indomitable SDC will

PREDICTIONS

Men's

- 1) SDC A
- 2) Sig Ep A
- 3) Fringe A
- 4) PiKA A
- 5) SDC B
- 6) Spirit A
- 7) CIA A
- 8) Fringe B
- 9) PiKA B
- 10) SDC C

Women's

- 1) SDC A
- 2) Fringe A
- 3) CIA A
- 4) SDC B
- 5) PiKA A
- 6) Sig Ep A

THE FIELD

AEPi: All that money and no new buggy?

Apex: Not quite as disappointing as the Pioneers.

CIA: Next time you ask PiKA for help, get their wheels, not their flour.

Fringe: Two wheels, no balls.

PiKA: Historically great, but modernly irrelevant.

SAE: No pledges. No pushbar. No problem.

SDC: Only winning when there's no competition.

Sig Ep: Better at buggy than Greek Sing.

Sig Nu: Smoking everything but the competition.

Spirit: Will O'BuggyCare crash as well?

ROTE

Tartans win big at home in Quad Meet

CARL GLAZER
Senior Staffwriter

The Carnegie Mellon track and field teams hosted another tournament this weekend. Both squads placed second at the Carnegie Mellon University Quad Meet, and several individual athletes took home first place titles.

The women's track and field team was looking to rebound after last week's disappointing fourth place finish. The Tartans came out with a vengeance and took it out in the throwing events. Seniors Samantha Oleson and Colette Tano finished first and second in the hammer throw with tosses of 39.52 and 39.40 meters, respectively. Junior Sasha Spalding followed up by taking second place in the shot put with a throw of 10.74 meters.

Spalding continued her dominance with a win in the long jump after leaping over the competition with a distance of 4.84 meters. First-year Rebecca Fortner added another strong jumping finish as she took home second in the high jump, bounding 1.50 meters in the air.

On the track side, senior Jacqueline Guevel led the way with a pair of victories in the 100- and 400-meter hurdles. Guevel sprinted her way to the finish line with times of 16.13 and 1:04.75, respectively.

Sophomores Elizabeth Snyder and Haley Bryant both helped the team effort with strong individual efforts in distance running. Snyder took home first in the 3,000-meter run with a time of 10:44.33, while Bryant finished the 800-meter run in 2:29.86 for second place.

The men's team continued on its blistering pace, setting several career bests, but ultimately falling short of repeating a first place finish as a team.

Senior Zachary Erra-Hernandez continued his domination of the competition, breaking his own school record from last weekend in the hammer toss by over .5 meters with a throw of 54.53. Senior Nathan Cheek and junior Gino Pilato helped round out a one, two, three finish with throws of 51.59 and 39.98, respectively.

The Tartan throwers kept



Jason Chen/Assistant Photo Editor

Junior Ben Walker sprints to the finish line.

up the dominance with Erra-Hernandez winning both the shot put and discus titles with throws of 15.80 and 44.38, respectively.

Cheek finished second in the discus with a 43.92 toss while senior David Markowitz took home the title in the javelin throw with a career best 52.09-meter throw.

To round out the field events, first-year Kyle Weaver and sophomore Victor Yan took second and third in the pole vault, each clearing the 3.95-meter bar.

The Tartans did not let up when the time came for the track events, starting with a sweep of the 3,000-meter run. First-year Ryan Archer and sophomore Grant Langevin, along with junior George Degen, helped the Tartans take their second one, two, three finish of the meet, finishing with times of 8:59.70, 9:00.44, and 9:04.40 respectively.

Carnegie Mellon also dominated the steeplechase and 1,500-meter run, taking home first and third in both events. First-year Curtis Watro took home the title in the steeplechase at 10:04.40, and sophomore Brian Bollens finished just behind with a time of

10:35.13.

In the 1,500-meter run, first-year Owen Norley finished in 4:03.02 to take home first while sophomore Marc-Daniel Julien placed third with a time of 4:06.74.

In the short distance events, the Tartans netted three second place finishes. First-year Andrew Chang placed second in the 100-meter dash with a time of 11.79, while senior Mike Standish grabbed second in the 400-meter dash after crossing the line with a time of 57.57. First-year Nathan Wil-

lis rounded out the trio with a second-place finish of 2:01.43 in the 800-meter run.

The Tartans took home one more title in the 4x400-meter relay with Julien, Standish, Willis, and Norley combining to take home first with the time of 3:26.43.

Both squads will be splitting up next weekend, with parts of each team traveling to the Bucknell University Distance Carnival and the rest competing in the Bennie Benson Memorial Invitational hosted at Robert Morris University.

**See more
Track & Field
photos on
A9!**

UCL sees teams fight for first place

NISHANT RENIWAL
Junior Staffwriter

Every year, the month of April tends to bring out an uneasy sense of excitement among soccer fans. It's the time of the year when their team is either fighting for their lives to stay in the top tier of soccer, fighting for European qualification, or in the race to win a cup. One of these cups is the UEFA Champions League (UCL), the most prestigious club competition in soccer. The UCL quarterfinals first-leg games were played out last week: who will make the semifinals to move one step closer to securing the dream win?

Real Madrid vs. Borussia Dortmund

This tie is probably the only one that is definitely over after the first leg. Madrid oozed class in the first leg played at the Santiago Bernabéu and destroyed Dortmund, who had keeper Roman Weidenfeller to thank for keeping the score line respectable. Wingers Gareth Bale and Cristiano Ronaldo scored two of the goals, and expect them to be in the mix again at the Signal Iduna Park. The midfield three of Luka Modri, Ángel di María, and Xabi Alonso seemed to control the game and the same is expected at the Westfalenstadion. Dortmund is nothing resembling the side that destroyed Madrid 4–1 at the same stadium last season, and while the scorer of all four of those goals Robert Lewandowski will return, even that score line would not put them through this time.

Winner: Madrid. This injury-ravaged Dortmund side is never getting past Carlo Ancelotti's side.

Manchester United vs. Bayern Munich

They say Manchester United never die. This matchup proves that saying, as even after facing defending European champions Bayern Munich in a hugely disappointing season behind them, Manchester United is not dead, but rather very much

alive in the quarterfinals of the Champions League. United's home form had been nothing short of atrocious and Bayern's form scintillated everywhere. Credit is in order for David Moyes, who pulled off one of the best performances of the season for his team, but that still does not reduce the magnitude of the task at hand. Bayern has the away goal advantage at this stage and United might be shorn of top goal scorer and talisman Wayne Rooney for the game. The team is already missing key forward Robin van Persie. Bayern is without key personnel too, as midfielders Bastian Schweinsteiger and Javi Martínez will miss the game through suspensions picked up in the first leg, while Thiago Alcântara is injured. However, Bayern has probably the strongest and deepest squad in the world, as the likes of Mario Götze, Toni Kroos, and Dante will step in to replace the above while United has no one near that quality. United did beat their opponents 4–0 on the weekend and Bayern did lose for the first time in 53 games in the Bundesliga, but for United to pull this off would be nothing short of a miracle.

Winner: Bayern. United have a stupendous away record, but betting against a team that wrapped up their league title in March would be just be ignorant.

Paris St.-Germain vs. Chelsea

One of the games that was exceptionally hard to predict was made easier to do so with Paris St.-Germain's (PSG) stunning performance and Chelsea's equally pathetic show in the first leg. Chelsea manager José Mourinho's decision to not play a striker and instead play attacker André Schürrle up top backfired spectacularly and his public derision of his strikers after the game couldn't have helped their confidence. Chelsea was particularly awful in the final third, and PSG took their chances equally

See **COMMENTARY**, A8

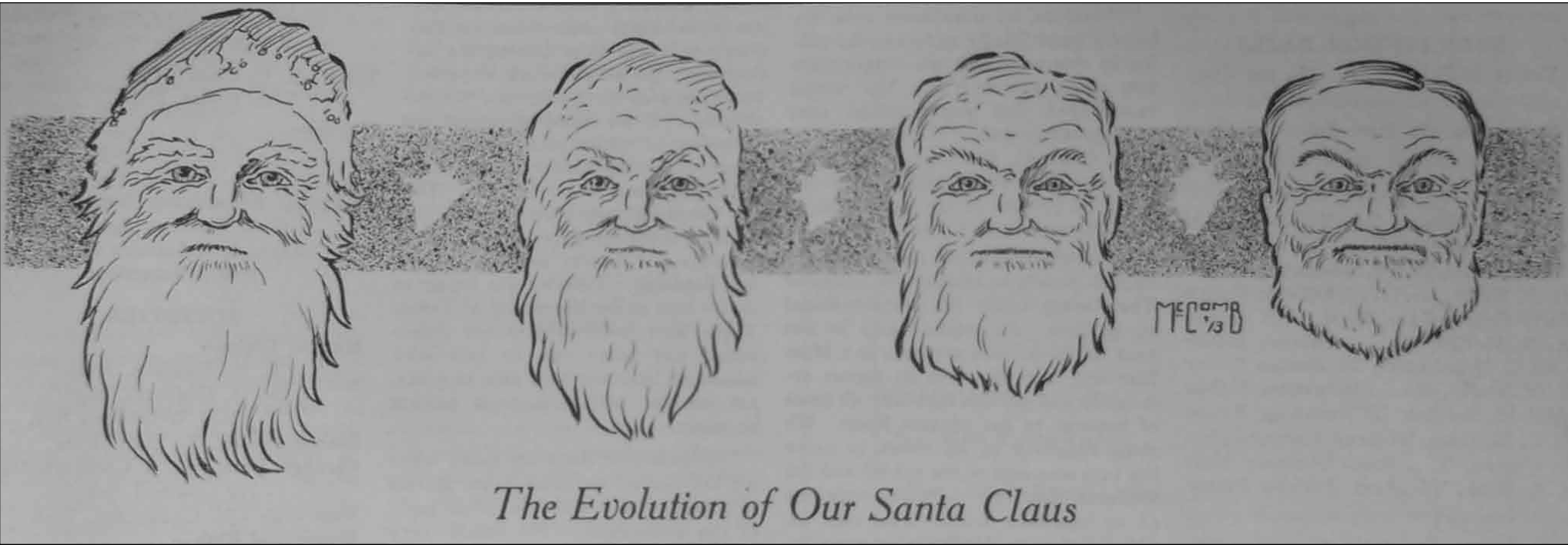
Carnival Preview 2014

In honor of the reunions being held over Spring Carnival, The Tartan is featuring a brief review of past issues from one year, five years, 10 years, 25 years, 50 years, and 100 years ago. The articles printed within are abridged versions from The Tartan's archives.



1913–1914

FEATURE PHOTO



A visual depiction of how Santa Claus has transformed over the years into Carnegie Mellon.

File Photo

Machinery hall nearing completion

SEPTEMBER 25, 1913

To Be Occupied Immediately.

The opening of another school year is marked by the opening of another building. Though not entirely finished, the enlarged Machinery Hall will be occupied immediately, and will house the electrical engineering department, in addition to the mechanical engineering department as heretofore. The plan of the building is very elaborate, containing many architectural and engineering features.

The most noticeable of the former will be a tower to be erected on the central portion of the building. The tower consists of a series of columns in the center of which will be a smoke stack.

Around the stack will wind a staircase. From the top of the tower a commanding view of this entire district of the city may be obtained. The tower will complete the vertical plane of the building, planned in contrast to the horizontal plane of the Design Building at the opposite end of the campus.

The main entrance on the east side of the building is another of the architectural features, and is very imposing. In the basement and on the first floor are the laboratories, the largest of which is the electrical laboratory.

It occupies almost an entire floor and is two stories high. Between the main sections of it are two light and sound- proof lecture rooms. These are well equipped with

the apparatus required for the demonstration of difficult and accurate experiments.

The laboratories of the mechanical department have not been moved, but more

The building, when completed, will be one of the most modern and best equipped engineering schools in the country.

space has been allotted to them, and they have been generally improved. On the upper floors are the recitation rooms, which are unusually large and well-lighted.

The building, when completed, will be one of the most modern and best equipped engineering schools in the country.

The following changes have been announced, to take place at once: In the Science Building, the civil engineering department will occupy the rooms formerly taken by the machine design department; while the latter will be moved to the former quarters of the electrical engineering department.

Shortly after the opening of school, Dean Leete's offices will he moved to Machinery Hall.

Carnegie talks about “Home Town”

DECEMBER 18, 1913

Keeps Closely Posted on Pittsburgh-Talks of Schools.

Andrew Carnegie spent last Thursday and Friday in Washington. During his 24-hour visit he attended a meeting of the Carnegie Foundation, called at the White House with Mrs. Carnegie to pay his respects to the President, boomed Senator Elihu Root of New York for the presidency in 1916, set a standard of simplicity for Jeffersonian Democracy by walking to the White House from his hotel while secretaries, senators and many plain people rode in carriages and taxicabs, talked of his Pittsburgh benefactions, especially the Carnegie School of Technology and his hopes for the future of the institution; praised the incoming city administration, let his mind wander from Dumfriesline, Scotland, the town of his birth, to Greensburg, Pa., where he learned telegraphy, asked questions faster than they could be answered, and wound up a busy day for a man of 78 by attending a dinner tonight.

On the subject of Pittsburgh, Mr. Carnegie exhibited evident enjoyment and his memory for names familiar to the average Pittsburgher and his intimate knowledge of the city's progress were in themselves a revelation.

He could anticipate most any question and declared that he kept in close touch with the scenes of his early triumphs through his old-time friends and by reading the newspapers. He said he proposed to go back “home” and see for himself the strides that

have been taken.

The Technical Schools and the Margaret Morrison Carnegie School for Women seemed nearer to the heart of the old steel master than any of his

that this splendid institution will continue to grow and expand, reaching out after worthy boys and men and equipping them to fight the battles of life.”

“What can you say to Pittsburgh regarding the Technical Schools and their future?” was asked Mr. Carnegie. “Don’t you think the schools speak for themselves?” he replied. “It seems useless for me to discuss them...”

- Carnegie Mellon

other benefactions. That the schools will receive further financial aid from their founder could not be doubted and, if his enthusiasm can be taken as a guide, the big institution that overlooks Schenley Park and the Oakland district will be bountifully remembered before the laird closes his purse strings for all time.

“What can you say to Pittsburgh regarding the Technical Schools and, their future?” was asked Mr. Carnegie.

“Don’t you think the schools speak for themselves?” he replied. “It seems useless for me to discuss them. But I must say I did talk of their future with Arthur Hamerschlag and Charley Taylor in New York last Monday and Tuesday. We went over the whole situation, and I was pleased with what I heard.

“Director Hamerschlag told me they would be able to accommodate 200 more students next year with the additional equipment now being provided. I’m satisfied

“You know, of course, Mr. Carnegie, of the 1,000 poor boys who are struggling at Tech to get an education, and how 758 of them have earned \$260,422 and continued their studies?”

“Do I know of these deeds of self-sacrifice?” he replied: “Why, of course I do. I know what all the boys and girls are doing, the same as I know what the faculty is doing. These boys who labor through the day or night and attend Technical Schools when they can are future presidents, I’ve been reading in the Pittsburgh papers of one who worked three hours a day while the others slept, went to school eight hours, and put in every Saturday at some task which yielded him money. But I predict that that boy won’t do it long. The world is patiently waiting for such a boy to develop into a man. He’ll climb fast once he starts.

“I want you to tell the city authorities of Pittsburgh how highly we appreciate the help

that has been extended to the Carnegie Library. I note Librarian Craver needs 45,000 new books for next year to meet the demands of students and others.”

“They tell me the Council has fixed upon \$197,000 for the library for 1914, which, I believe, is an increase over the allowance for the current year. I have no complaint to make, for I know Council will do the proper thing by the library.

Mr. Carnegie while here told a story of his recent gift of a stained glass window to Dunfermline Cathedral, which the recipients could not accept for the historic edifice.

Several years ago Mr. Carnegie made up his mind to donate a window as a memorial to his father and mother and deceased brother and sister, to be installed in the great cathedral. He called in the artists and artisans of the Tiffany studio to perform the work, and when it was completed Mr. Carnegie had the beautiful window shipped across the water to Dunfermline. Now the municipal guardians of the ancient cathedral have refused to accept the gift.

“They came to me,” said Mr. Carnegie, “and told me that the Tiffany window would not do; it was too modern altogether for the rest of the building, which is more than 800 years old. I have determined to install the window in the public library of Dunfermline. It will be a more intimate and personal thing to do this for my father instituted the first circulating library in Dunfermline many years ago. The Dunfermline Library was the first that I established.” – *Gazette Times*.

Carnegie announced as sole speaker at Founder’s Day

APRIL 29, 1914

Andrew Carnegie will be the only speaker at the celebration April 30, of Founder’s Day at the Institute which he established and which bears his name.

The announcement that he will attend the exercises has given the celebration an unusual interest, and there has been an extraordinary demand for tickets to such an extent that the supply of invitations is already exhausted.

The exercises will begin at 4 p. m., instead of 2 p. m., as heretofore, the later hour having been fixed at the request of many business men who desire to attend. The committee has announced the program as follows:

Organ – Overture to “Der Freischutz” C. M. v. Weber

Invocation – The Rev. Edward S. Travers, rector of Trinity Episcopal Church.

Orchestra – Overture from “The Marriage of Figaro” Mo-

zart Tech Schools Orchestra, J. Vick. O’Brien, Director.

Address – Andrew Carnegie.

Chorus – “The Recessional” De Koven, Tech Schools Orchestra, R. J. McDowell, Director.

Annual Report – “The Progress of the Year” . S.H. Church, Secretary of the Board of Trustees

Orchestra and Chorus – Hail, Bright Abode” from “Tannhauser”) Wagner

Tech Schools Chorus and Orchestra Award of prizes for the three best paintings in the International Art Exhibition of 1914 W.N. Frew, president of the Board of Trustees.

Organ – “Military March” Schubert Charles Heinroth.

It will be noted that in addition to the two attractive organ pieces to be played by Mr. Heinroth, there will be one selection played by the orchestra from the Carnegie Tech Schools, and a choral sung by the students of the schools,

and after that a chorus with orchestra accompaniment by the instrumental and vocal classes together. This is the first time that the musical talent of the schools has been placed on a Founder’s Day program.

The international exhibition of paintings will be opened at 6 p. m. on Founder’s Day, and is declared by the members of the international jury to be the finest annual representation of modern painting that has been gathered together at any place in the world.

The museum, will have several new groups of animals that have been mounted by R. H. Santens, the taxidermist, besides other interesting objects to be displayed for the first time on Founder’s Day.

The day will close with a dinner given by the Founder’s Day Committee at the Pittsburgh Golf Club, at 7:30 p.m., in honor of Mr. and Mrs. Carnegie. – *Gazette Times*.

The Dramatic School Opens

FEBRUARY 12, 1914

Description of Theatre.

The announcement of a department of drama has created so much interest among the residents of Pittsburgh and Western Pennsylvania that have a leaning toward the diversified activities of the stage that Prof. Thomas Wood Stevens has given a description of the theater and the announcement is made of the retention of Donald Robert son, the pioneer of the modern repertoire movement, to instruct the students in the art of acting.

The School of Applied Design, of which the department of dramatic art is a part, houses many of the popular activities of the institute, but none is attracting any more favorable notice than the possibilities that this course offers was opened this week.

The spacious entrance to the theater in the Design school building, in which one Shakespearean production will be given each year on the birthday of the bard, April 23.

is from a monumental stone vestibule. The seating is all on one floor.

The room is elliptical in form, the long axis being 62 feet, parallel with the arch and the short axis 56 feet.

The boxes, at the rear of the room, are high enough to give the occupants a good view of the stage. The organ chamber is to the right of the stage, opening directly into the theater, the organ being screened by tapestries.

Fabrics designed in keeping with the screening occupy the three panels to the left of the stage and curtain forms part of the same decorative scheme. The ventilation is through the floor, being under each seat, and the exhaust is provided in a pierced decorative band around the ceiling. From floor to ceiling the walls are panelled in straight white oak in natural coloring, decorated by plaster carvings, and the main section with inlay.

Above the stage the inlay has been wrought into an inscription “ici l’inspiration de-

ploie ses ailes.” Framing the opening are two oak columns of monumental size supporting the frieze carrying the above inscription, with carved caps which characterize the whole scheme of decoration — both for wood and plaster.

The plaster ceiling forms a wide decorative band about the opening for a skylight in white and amber shades. The skylight can be darkened in daytime by means of an electrical device.

The stage, instead of being separated from the audience space, is reached by a flight of steps, occupying the full proscenium opening.

A scene painting gallery is located in another part of the building, with direct access to the stage. The whole of the stage floor is movable.

The fire curtain will be of steel and all openings out of the stage are provided with steel fire doors, automatic in action. The organ has a full range, and the console, when the organ is not being used, can be set back of the movable wainscot.



1963–1964

Campus Reaction to Death of JFK: Shock, Disbelief; Waiting Period Adds Fear, Hope

NOVEMBER 27, 1963
 Dale Chodorow

Last Friday had begun as any normal day. The weather was seasonably pleasant and the air was clear. The morning gave no foreboding sign that by 3:00 in the afternoon, the course of history would be so determinably altered.

I had one class that morning, after which I spent some time in the library finishing what little written homework I had. The library was the scene of usual campus activity, and the students were as earnest in their endeavors that day, as any other. Their anticipation of the Thanksgiving vacation only five days away was motivation enough for a diligent spurt of studying, which I sensed.

At lunch the students were jovial. The noon edition of the *Pittsburgh Press* had nothing of unusual significance to report. After lunch I went up to the Wherrett Room to watch some skiing movies and inquire about the Ski Club. About twenty people were there with me and their interest in the movies was clearly evident.

Returning to the Fine Arts building I noticed the herd of secretaries on their way to Skibo to relax on their lunch hour. The long lines of students were also on their way there and I enjoyed seeing it as much on Friday as I did on any other day.

The afternoon was not significant in its commencement. I chatted with some students between 12:30 and 1:45 and drafted portions of a design which I was slated to present the following Monday. At 1:45 I decided to go to the cashier's office and cash a check. It was here that events began to unfurl.

Bulletin Aired at 1:35 SST

At about 1:35, a bulletin had been relayed over the radio that in the course of President Kennedy's tour through Texas, a sniper had shot both the President and the Governor of that state.

The initial news, trickling in, was scoffed. Word of mouth newscasts were laughed at and questioned as ridiculous. I was in the Cashier's Office when I first learned, and it wasn't by word of mouth.

Before a group of about 12 students there, the radio had presented us with the news. I had no time to wonder. I only asked myself how serious it all could be?

On my return to Fine Arts, I heard a very callous remark from one student – "... occupational hazard." My



Students, teachers, and passers-by waited in utter disbelief for news of the President's condition last Friday in the Wherrett Room of Skibo. It was a scene that was duplicated in every area on campus, and the feelings were the same. Classes were unofficially dismissed, as all sought word from radio, TV, and newspaper sources, which were relating the tragic news directly from the scene in Dallas, Texas.

stomach sank. I felt a horrible chill overcome me. It was an inexplicable combination of fear, hope, and helplessness. I waited.

Groups of students sifted around transistors and by 2:00 it was a fact that the Thirty-Fifth President of the United States had been seriously wounded in assassination attempt.

The campus was shocked. We frantically searched for areas where confirmation of the seemingly unreal tragedy could be secured.

Back in Fine Arts, approached a politically-interested and humanly compassionate classmate of mine, (probably out of comfort) and asked if he had heard of the news. I hadn't the nerve or the composure to plainly announce what I had heard, perhaps because I still had not brought myself to acceptance of what I had learned.

His exclamation of surprise was enough to draw other students around us, and as the questions were asked, I felt compelled to answer from the meager and utterly fantastic knowledge that I had acquired of the incident.

The area became a center of confusion and dismay. The time was about 2:45 and everyone frantically searched for a radio.

There was a very sensible reservation of conjectures by the students. We all stood in shocked silence. One student, with a small transistor radio, glued to his ear, gave the crowd of about fifty students the gruesome details.

Although the news of the attempted assassination was a fact, no one knew of the President's condition.

My first thought then was

to seek a source of first-hand accurate information. Having worked on WRCT, I knew of their possession of a United Press International teletype machine. By 2:50 I was there, and with tears in my eyes, I read the awful details of the tragedy.

Crowd at WRCT

The milling crowd at the station was fixed to that machine. Their attention was unanimous, having been dictated by the events in Dallas, Texas, of a fanatic's blind devotion to snuff out the life of a man, whose existence dictated our own welfare.

It so deeply affected us, not because John Fitzgerald Kennedy was the President of the United States, but because John Fitzgerald Kennedy was a humanitarian. His spirit and devotion to the cause of mankind was only limited by his representation of the government of the United States. His gift in life was an infinite perception of life — his recognition that there is as much to be learned from what is at one's feet as that which is above one's head.

The American people saw JFK as a President, a human being, and an inspiration. The seconds ticked away in the radio station and the fear of the loss of this great man grew steadily stronger with each sound of the clock.

The questions were all the same now.

"What's happening?"
 "Did they get the guy?"
 "Is he dead?"

Lull Gives Time For Thought

WRCT had been monitoring the news broadcasts over

the CBS network, and the teletype had been serving as confirmation and elaboration of those details by CBS.

At about 2:55 there was a lull in both of the broadcasting media.

It gave us a chance to think about the future, catch up on the details we missed, or to strengthen our hopes that it wasn't as serious as we feared.

The only sounds now were the incessant clicking of the teletype, and the soft whispers of the crowd in the station. The next few moments brought the final word.

President Kennedy was dead. The announcement was aired over CBS at about 3:00 p.m.

I hadn't been in the station when the announcement was made.

I had been in the hall, pacing, sipping water at the drinking fountain, only in an attempt to relieve the twisted nervousness that had begun to sap my strength.

My only comfort in hearing the words, "He's dead," was in the assuage of that bewildered tension which had clutched me not one hour before.

The teletype room was still packed with those who wouldn't allow themselves to believe what they had heard on the radio.

They wanted to see it in print.

I had that same desire, but the tears that fogged my vision and my thoughts, were enough to tell me that the end has come and gone.

Upon leaving the radio station, I was confronted by a student who said, "I never liked the guy, but..."

Interrupting him, with indignant sorrow, I said, "You're going to miss him now."

Thistle burglary nets \$1200 in equipment discovered almost one week later

OCTOBER 16, 1963

On Monday, October 7, \$1200 worth of photographic equipment was stolen from the Carnegie Tech yearbook office. Most of the equipment was owned by the photo editor, some by the Tartan. The loss, however, was not confirmed until Friday of that week.

The events which led to the discovery of the theft began after a Thistle staff meeting on Monday evening.

Tuesday at noon, Thistle editor, Tod Johnson had difficulty fitting his key in the cupboard lock in the yearbook office. Assuming that the photo editor had changed the lock, he thought nothing more of it until he received a call the following day from Jim Pawley, the photo editor. Jim, too, had trouble with the lock and similarly thought that Tod had changed the lock.

Since neither of them knew of any change in the lock, they merely suspected that the lock had jammed. They forwarded a note to Dean Strick to have a maintenance man remove the lock. The lock was sent to Dean Strick's office.

Thursday night, when Jim returned to the Thistle office, he found that most of the photographic equipment was gone. His first thought was that another staff member had replaced the equipment for safe-keeping, as there was no lock on the cabinet. No one had any information to support his belief.

Friday morning, upon questioning the janitor, Jim learned that nothing in the cabinet had been touched since the lock was removed. Under these circumstances, it became evident that between

the time of the meeting on Monday evening and Tuesday noon, the \$1,200 worth of equipment had been stolen.

It was presumed that the door and cupboard locks had been picked and that the burglar had substituted a new lock on the cupboard, which was confirmed by the difficulty that the two editors en-

... the stolen articles... were verified through serial numbers obtained from Jim's home in Ben Lomond, California.

countered.

Dr. Ellis, Dean of Men, and Mr. Young, Supervisor of the Security Office, were immediately consulted by Jim Pawley when he discovered that the lock in Dean Strick's office was not the one that he had installed.

Later that day, upon Mr. Young's suggestion, the Pittsburgh Police were called to the school. Detectives recorded descriptions of the stolen articles, which were verified through serial numbers obtained from Jim's home in Ben Lomond, California.

Some of the items stolen were: a Rolliflex 3.5 Camera (\$300), a Nikon F Reflex Camera (\$200), a 4x5 Crown Graphic Camera, (\$200), a 105 mm. Auto-Nikon Lens (\$180), a 135 nun. lens (\$100), a 35 mm. lens (\$100), an Ascor Speed Light (\$50),

New machines in Morewood

MARCH 11, 1964

Automatic milk dispensers and beverage coolers have been installed in the Morewood Garden's cafeteria. Though residents complain that the new milk machines limit milk capacity in their glasses, the machines are actually helpful innovations. Unlike the hand operated lever machines, these are automatic push button types which include a tray rack. The \$900 machines hold two five gallon cans and consist

of a refrigerator and pressure mechanism.

The lemonade-orange beverage coolers provide colder drinks than the previously distributed cartons of juice. Girls appreciate the additional refrigeration but complain that there are no longer any cartons of juice to take back to their rooms.

Mr. Helm, Director of Food Service, explained that, "as the number of girls increases, major renovations will be made in the Morewood Garden's kitchen-cafeteria facilities."

Library's Rare Book-Fine Art Floor Formally Opens to Public Friday

JANUARY 15, 1964

Planned for Friday, January 17, is the formal opening of the new Rare Book and Fine Arts' Floor of the Hunt Library.

While (during the exhibition of the Plantin Morteus Museum) students were first introduced to the facilities last December, the fourth floor now consolidates all reference material (including bound magazines) which relates to the representative fine arts of Carnegie Tech.

This area, originally not intended for use until 1970, was planned from donations by an anonymous party for the primary function of housing rare books.

The final designs, with inclusion of a complete fine arts' reference section, were mapped out by Architects Warner, Burns, Toan, and

Lunde of New York City.

The transferred expansion of the fine arts' section has consequently affected an enlargement of the Science and Engineering Departments on the third floor.

It too consolidates all reference material for the students and includes scientific journals which were previously shelved in the basement.

There, too, with the absence of bound art and science magazines, more storage space has been provided. The remainder of shelved periodicals in the basement comprises the regular stock of humanity and other non-art-and-science magazines.

With these changes, though, perhaps the most important concerns the objective of containment for both the third and fourth floors.

To accomplish this, the

fine arts' and the science and engineering floors now feature their own complete-card catalogues.

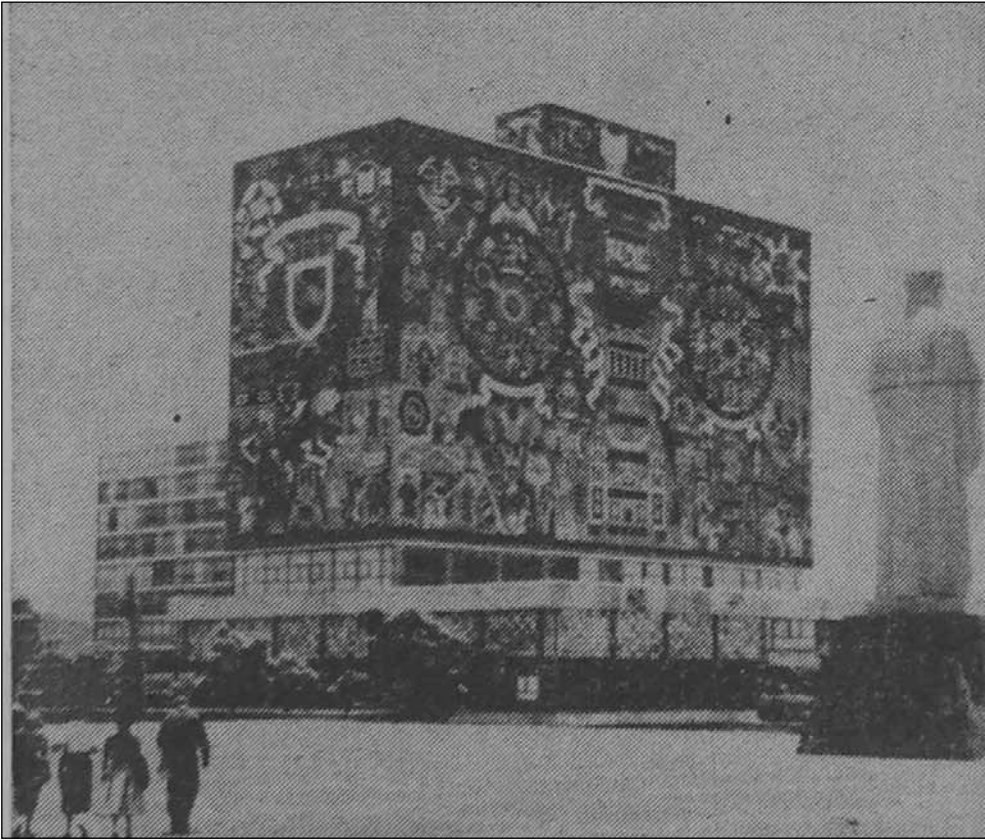
Not affected by the library's modifications are the facilities of the second floor.

Some of the new conveniences which have been installed on the fourth floor Rare Book and Fine Arts' section are music listening booths, current magazines on vertical displays, and typing booths, besides the regular stacking of line arts books, bound periodicals, records, and paintings.

The formal opening, this Friday at 4:30 p.m., will be limited to invited guests of the library staff and administration.

It will culminate a short-lived yet enthusiastic anticipation by both faculty and students for the completion of the new facilities.

FEATURE PHOTO



New dramatic arts center completed after several revisions in design by the architect. Complete theater facilities will serve over 150 students in the Department of Drama at the University of Southern Rhodesia.

1988–1989

Spring Carnival to be held in Skibo lot

NOVEMBER 8, 1988
Lori Marracino

Planning for Spring Carnival 1989 has been under-way for about two months and those involved have had some serious problems to deal with.

The major problem these planners had to face was to find a new location for Carnival. Since the construction taking place on campus has destroyed the parking lot where Midway is traditionally held, there was a need to find another place that could successfully accommodate the booths, rides, and people.

The Margaret Morrison and Morewood Gardens parking lots were two locations considered by Carnival officials, but the most recent decision was to remain in Skibo lot with booths and rides sharing the space that had formerly been used by rides and the SDC tent.

According to Spring Carnival Chairman David Levy, the Margaret Morrison lot would have been an ideal location, but construction planned for next year would have meant moving the Carnival site again. "At the Skibo location, we're safe for a few years at least," Levy commented.

A new location will again be needed when construction begins on the new University Center, now scheduled to begin after the graduation of the Class of 1990.

The present layout for Carnival will line the booths in a W-shaped pattern on the section of the Skibo lot previously occupied by the SDC tent and the smaller rides. The rides and the Alpha Phi Omega concessions would be moved to the other half of the lot, and the tent would be moved to the Cut.

For the first time in a few years, Carnival will also include a large arts and crafts section.

Since the number of amusement rides would be substantially reduced by this arrangement, it may be hard for the committee to find an amusement company willing to bring such a small amount of rides to campus.

"We're talking to one company now. If they don't work out we'll try another one," said Levy. If

these negotiations prove unsuccessful, it may be necessary for planners to eliminate the rides altogether.

Plans for booth displays have been proceeding in a more favorable direction, but certain restrictions will still be necessary. The new arrangement of the Carnival will limit the number of available booth lots to thirty or thirty-two organizations.

While it is highly unlikely that these space constrictions will affect organizations who already occupy lots, it will be much more difficult for any new organizations to reserve space on the Midway.

For the first time in a few years, Carnival will also include a large arts and crafts section.

The new area will run parallel to Skibo either along the parking lot or along the Cut, and will include campus organizations who wish to sell things during Carnival.

Anne Witchner, Director of Student Activities, will be helping the Carnival Committee with the arts and crafts as well as with other aspects of Carnival.

The trend of Carnival in the past ten years has been one of gradual expansion. With the construction on campus, the entire event will become more compact and, as Levy pointed out, more manageable.

Security problems at Carnival are predominantly caused by non-University people and the smaller nature of Carnival will perhaps be safer for the campus community.

Though students and administrators have been working for two months, most of the planning remains to be done for this year's Carnival.

There will be a need for new students to fill out committees, and even a few executive positions are still empty. "We're looking for people who really want to take on a challenge," said Levy.

For people interested Spring Carnival, weekly meetings are at 9 a.m. on Friday mornings in Skibo Room 112.

Levy stated that several assistant positions need to be filled, and, also, stated that some executive Carnival Committee positions, like Entertainment, are currently open.

A more general organizational meeting will be held next semester, in January and there is the possibility of a Winter Activities Fair at which students interested in Carnival can learn more about it.

University Center postponed indefinitely

FEBRUARY 21, 1989
Josh Ruben

Construction of the new University Center, one of the central features of the master plan, has been indefinitely delayed due to a lack of funds for the building in the Capital Campaign.

Paradoxically, however, the Capital Campaign itself is doing well.

President Richard Cyert admits that the main problem is that most of the donors who are giving to the Campaign are earmarking their money for other projects. Specifically, new professorships and other educational grants are the primary interests — not new construction.

The postponement of the University Center comes almost three semesters after the release of the Task Force Report on the Quality of Student Life on November 24, 1987.

"Construction of the proposed University Center should commence at the earliest possible time. The notion of the Center ... is one that has been embraced almost universally by the campus community," the report said. "Not only are expectations high, but the protraction of this project will have a chilling effect on all other steps ... that are taken to enable Carnegie Mellon to reflect the virtually limitless potential of its constituency."

Student Government President Andy Robitshek emphasized the importance of the University Center for stu-

dents. "The University Center is the number one concern for students," he said.

The problem with fundraising for the University Center persists.

“The University Center does not have strong appeal. That doesn’t bother me; we still have to keep hammering away.”

- Cyert

"There has been no great support for the University Center," said Vice President for Development Alvin Brannick about the donations.

Cyert agreed. "The University Center does not have strong appeal. That doesn't bother me; we still have to keep hammering away."

According to Brannick, the Capital Campaign is currently moving ahead of schedule. "We're past the midway mark in the Campaign, at about \$130 million," said Brannick.

The fund raisers' goal, according to Brannick, has been to get a "prospect" interested in giving money, and then narrow the focus to a specific project. He emphasized that the University Center is a top priority when talking to the

donors.

Robitshek disagreed, however. "They say that they need a major donor for the University Center," he said, "but they have not targeted for a major donor. It has not been an emphasis."

Cyert projects that the Campaign's goal of \$200 million will be met by the April 19, 1991 deadline. So far, the needed \$30-\$35 million for the Center is only at about the \$500,000 mark, according to Brannick.

"We haven't given up on [the Center]," said Cyert. Brannick stated that most of gifts have come from sources that the Campaign's organizers did not consider at first. "We're just now beginning to start on the big prospects," said Brannick. He hopes that with these prospects, large funds directed for the Center may be obtained. "Our best days are ahead," he commented.

If a separate campaign solely for the University Center is needed, Brannick projects that it might be scheduled to begin near June 30, 1991, after the Capital Campaign and at the end of the school's fiscal year.

Aside from the major donors wanting their money to go to other projects, delays and other problems for the master plan also stand in the way of the University Center.

Brannick said that when the University Center plans were first being laid out, allowances for housing and parking were not taken into account. "There have been a

lot of twists and turns in the master plan," he said.

Brannick admits that the new dorm, football field, and parking lot have caused problems for the master plan in that it has had to keep expanding its focus. Housing became a concern when city residents began complaining about students living in off-campus housing.

Also, parking, a perennial problem at CMU, got even tougher when the city further limited the school's access to legal parking.

"We've really been dealing with eight capital campaigns," said Brannick. "Things would be easier if we did not have a whole list of [projects]."

Another factor for the Center's delay is the current state of construction on the East Campus Project.

"We're further off schedule than we thought we would be five or six years ago," said Brannick. "In the course of the master plan, the East Campus Project must get finished," he said.

Even with all of the unforeseen problems that have hindered the University Center and the master plan as a whole, Brannick stated, "We've done very well managing this type of conglomerate [project]." He added that if the master plan had kept its scope limited, some opportunities to help the school even more may have been missed.

Cyert is expected to make a formal statement about the issue in the next month.

Student organizations rally in support of building of University Center

MARCH 14, 1989
Howdy Pierce

In a week marked with resolutions, a petition, and anonymous postering, student leaders expressed virtually unanimous dismay at the administration's decision to delay construction of the proposed University Center, and demanded that higher priority be given to raising funds for the project.

The University Center figures prominently in the campus master plan, which includes the East Campus project currently under construction. Its goal is to unite the student body by providing a common gathering area for recreational and social activities, as well as increased space for activity offices.

In late 1987 the Task Force Report on the Quality of Student Life supported the Center as a major effort to improve the quality of student life at CMU. "The protraction of this project will have a chilling effect on all other steps ... that are taken to enable Carnegie Mellon to reflect the virtually limitless potential of its constituency," it said.

Three weeks ago, The Tartan reported that the University Center had been "postponed indefinitely" due to a lack of funds for the project, expected to cost at least \$30 million.

In an address to the student body last Friday, President Richard Cyert claimed that "it was not accurate" that the student center had been postponed indefinitely, but admitted that the administration would not decide on a date to begin construction until the end of the capital campaign in 1991.

"He's leaving the new president in a situation to evaluate what the next step will be." Vice President for University Relations Don Hale told The Tartan. "It hasn't been postponed — I don't know that anybody ever had a definite date [for beginning construction of the University Center]."

Student leaders were to have met yesterday to discuss further student action on the issue, according to Student Government President Andy Robitshek. "We'll decide what to do and that may range from nothing to a week-long pro-

“We’re not going to put up with broken promises anymore.”
- Anonymous advertisements.

test," he said.

Last week's activities began with a petition written by Robitshek and Senator Carlos Franco. The petition was first circulated at the Tuesday Senate meeting, where, said Franco, a majority of Senators signed it. The Robitshek/Franco petition stated "By pushing the date of construction [of the University Center] back five to six years, the administration is making a statement that the quality of life is no longer a top priority."

The petition demanded that the administration make the student center its top priority, and, if necessary, withdraw money from the endowment and establish student user fees to allow construction to begin as soon as possible. Robitshek estimated that 400 students had signed the petition by press time on Sunday.

Franco also introduced a strongly-worded resolution to Senate Tuesday asking that "the Cyert administration ... do its utmost to make the University the center of the current capital campaign."

In its final version, the Senate resolution does not endorse withdrawing money from the endowment or implementing user fees, although Franco's version did.

"I'm happy that the resolution passed," Franco said. I felt that those statements the endowment and user fees were necessary to show our resolve,

but Senate didn't change the meaning much." On Wednesday night, the Student Dormitory Council met and also passed a resolution regarding the announced delay of the student center. "The current facilities in Skibo fail to meet our growing needs," said SDC. "It is imperative that a new university center be constructed as soon as possible."

The SDC resolution was authored by president Bryan Wong, Treasurer Matthew Fraser, Secretary Amy Shalikhavilli, and vice presidents Eric Hamilton and Patrick Jeffries, Christina Murphy, and Dey Heafitz.

Some time Thursday, anonymous advertisements for Cyert's address were posted across campus. "[President Cyert] plans to announce the postponement of the proposed University Center for at least the next five years," the poster said. "We're not going to put up with broken promises anymore."

On Friday, Cyert addressed members of the student body in the Wherrett room and discussed fundraising for the student center. Reading from a prepared statement, Cyert grouped the University Center building and the current East campus project as a single "University Center Complex."

The anticipated investment for the University Center Complex ... is approximately \$70 million," he said. "Half the funding (\$35 million) for this complex has been secured.... The remaining funds (\$35 million) to complete the complex will continue to be one of the focal points of the capital campaign."

But in an interview prior to Cyert's Speech, Vice President for Development and University Attorney Alvin P. Brannick said that "only \$500,000" for the student center itself has been raised.

Explaining the lack of funds for the student center. Brannick cited the difficulties involved in raising funds for buildings.

"If I ever had to do it again, the one thing I'd never allow

anybody to do is wrap either bricks and mortar around an academic campaign or an academic campaign around bricks and mortar," he said. "People say you can't raise funds for bricks and mortar, and I think it's because of the atmosphere you set up."

Life Trustee Robert A. Charlie, who has worked on capital campaigns for buildings at both CMU and MIT, agreed with Brannick. "The University Center is just not the kind of thing that attracts the average donor," he told The Tartan.

But student critics say the reason the administration has been unable to raise funds for the University Center is the priorities it has set.

"I don't think they're pushing the University Center as their number one priority for raising funds, Robitshek said. "They're pushing a package deal."

Both Brannick and Cyert admitted that the University Center does not have top priority. "Somebody asked me which [project] was number one," said Brannick. "I told him that they were all number one. They're the reason I'm here."

Cyert also conceded that other projects rank equally in importance with the University Center. "There isn't any top priority — there's a series of projects."

Although he admitted his office had not given the center top priority, Brannick defended the amount of effort this group has expended on the campaign.

"There's not a fundraiser on this project that hasn't worked themselves into a frenzy trying to pull the whole thing off," he said. "There's been no lack of effort."

Most student leaders are optimistic about the administration's chances for raising funds for the University Center project if it is given priority. "I think the people in the Development Office, if guided in the right direction, can pull this off," said Robitshek. "I'm betting they could do it if they tried."

FEATURE PHOTO



An editorial cartoon (above) about Carnegie Mellon University's endorsement of Apple Computer, making a Macintosh II part of the recommended supplies, comparable to a recommended textbook for a course. A commercial advertisement (below) from the same issue is shown.



2003–2004

CMU finalizes deal with Qatar; becomes newest addition to Doha



After waiting weeks to finalize the deal, Carnegie Mellon and Qatar finally come to an agreement for CMU to be incorporated into Education City.

FEBRUARY 23, 2004
Alexandra Kilduff

Last Monday, Carnegie Mellon announced the opening of its new branch campus located in the Persian Gulf country of Qatar. The new campus is the result of a long-negotiated agreement between Carnegie Mellon University and the Qatar Foundation for Education, Science, and Community Development, a non-profit organization designed to promote education in Qatar.

“We’re very enthusiastic

about it; it’s a challenge and an opportunity,” said President Jared Cohon.

Carnegie Mellon is just one of several branches of nationally-known universities located in Education City, the Qatar Foundation’s headquarters. Education City is a developing 2,400-acre campus located in Doha, the nation’s capital. The Emir of Qatar, His Highness Sheikh Hamad Bin Khalifa Al-Thani, and his wife, Her Highness Sheikha Mozah Bint Nasser Al-Missned, decided to develop the Qatar

Foundation and its university campus in 1995. It is now home to branch campuses of Texas A&M University, Virginia Commonwealth University, Weill Cornell Medical College, and Carnegie Mellon’s branch, called Carnegie Mellon University in Qatar, will be the most recent addition to Education City.

Starting in the fall semester of 2004, Carnegie Mellon University in Qatar will be offering undergraduate degrees in business administration and computer science. According to assistant vice president for media relations Teresa Thomas, Carnegie Mellon University in Qatar will continue to enroll students in smaller numbers at first, in accordance with their Pittsburgh campus policy.

“It’s always been the University’s intent to have the same rules, policies, and standards at Qatar as it does on our main campus,” said Thomas.

Indira Nair, Carnegie Mellon’s vice provost for education, currently chairs the curriculum committee for Carnegie Mellon in Qatar. “My main objective was to see that what we do there is up to CMU standards, as we are offering our degrees there,” said Nair.

“It is our hope that this is the beginning of a new kind

of global outreach, a true partnership, rather than an exchange or ‘visit’, for an undergrad program. Having to think carefully about what these international students

international business, taught simultaneously in Pittsburgh and Qatar. Students from both campuses can work together in truly international teams, so the exercises become much

“The cultural advantages to having branch campus are huge: this really sends a strong practical message that we want to have an open dial between very different parts of the world.”
- Charles Thorpe

need may also give us ideas for using some of the techniques and resources to better serve international students here.”

Charles E. “Chuck” Thorpe, former head of the Robotics Institute at Carnegie Mellon, has been chosen as dean of Carnegie Mellon University in Qatar. Thorpe’s international experience includes a childhood in Belgium and work in the Belgian Congo and Zaire. He agreed with Nair, stating in an e-mail that students may eventually be able to go back and forth between the campuses.

“I think there is great potential for all kinds of interchange. Imagine a class in

more realistic. Or imagine a Pittsburgh CS student who would like to spend a year abroad, but doesn’t want to lose pace with classmates. This will be an opportunity to go live in a very different place, while studying many of the same courses as in Pittsburgh. And the same is true for a Qatari CS major who wants to sample life in Pittsburgh.” Faculty and staff from Carnegie Mellon will also be able to teach at the branch campus in Qatar in the near future.

“By opening a branch campus, we will expand the size of the overall CMU faculty,” stated Thorpe. “We will have ac-

cess to more world-class professors, in Pittsburgh and in Doha, and will be able to have distance seminars and courses going both directions.”

One of the most important goals of establishing the new campus, according to those involved, is the promotion of better understanding between nations.” The pragmatic advantages of having a campus in the Middle East are that, since 9/11, it has become more difficult for young Arab men to get U.S. visas, and there is a resistance on the part of some families to have their children travel to the US for education,” stated Thorpe. “The cultural advantages to having branch campus are huge: this really sends a strong practical message that we want to have an open dial between very different parts of the world. I spent the last week in Qatar talking with students and officials. The feedback is very exciting.”

Indira Nair also looks forward to integrating with Qatar, but warns that Carnegie Mellon can’t move fast. “We can be enriched, but we have to be reflective, and work with integrity to ensure the best of education in both places, looking for opportunities for synergy that would contribute to both.”

University Center renovations transfigure the basement

AUGUST 25, 2003
Andrew Johnson

The grand opening of the University Center basement facilities on August 29 marks the fulfillment of space left abandoned since the Center’s doors opened in August of 1996. Initial discussions on the renovations began late in the fall of 2002, and the dialogue’s fruition represents a major coup for students, whose year 2000 counterparts opposed a corporate presence in the very same space.

While the big push to get the facilities in place started with Dean of Student Affairs Michael Murphy, former Student Body President Brian Namey said the space was designed by the students and for the students. During his presidency last year, Namey led the Exploratory Space Task Force (ESTF), which was composed of students and administrators, to determine a plan for renovation that would be well-received.

A new rec room, dubbed Scotland Yard, includes a variety of table games like pool and ping pong, as well as video games, from the old school Galaga to the latest craze, Dance Dance Revolution (DDR), and seems to be up to standards.

“It’s nice. It’s bigger than I expected; I was worried when I saw the plans,” said Fred Merkle, a first-year ECE graduate student and former Activities Board chairperson. “Scotland Yard is a nice touch.”

“Every night, there have been more and more people in the game room,” said University Center Director Marcia Gerwig, though she noted that it is hard to gauge the popularity of the project with orientation week being the only metric.

Jason Malatack, a sophomore biology major, said he likes to play pool and his roommate is “all about the DDR.”

“It’s nice just to relax down here,” he said.

Andy’s, the new eatery in the basement, offers coffee drinks, smoothies, and sandwiches. In keeping with the student-oriented bent of the renovations, Andy’s also helps to address an ongoing concern — a lack of healthy and vegetarian dining options on campus. The non-Dining Services-affiliated café is the result of a proposal submitted by Student Activities, the division that also runs Skibo Coffeehouse.

“I want to open a coffee-shop of my own when I retire,

in a college town of course,” said Coordinator of Student Activities (SA) Dan Barnett who captained the proposal and, along with the staff of Skibo, designed the menu.

Since a Barnett-driven rehaul of the Skibo menu, sales have tripled, which was a factor in SA’s submitting a proposal to fill the space. Other proposals from independent companies were also considered. Skibo, incidentally, also had some renovations this summer and now includes a “cyber-bar” that will allow students to surf the web as they dine, has installed new artwork, and will have live music every Wednesday this semester. Skibo is used to prepare the food sold at Andy’s, though there is little menu overlap, said Barnett.

John Hannon, director of Student Activities, was involved in the early stages of the project and helped guide the project during the summer. He said that it was miraculous that the space has been completed on time.

“We were on a tight timeline, so a lot of decisions had to be made on the fly during construction,” he said.

First-year business major Santiago Guzman also said he liked the new facilities, though he griped at the costs. All of the arcade games, with the exception of DDR Extreme and a VR-like game called Vortek which both run a dollar, cost 50 cents. The digital jukebox costs \$1 for two plays, or \$5 for 14 plays.

The original plan would have placed the improvements on the second floor, displacing some of the upstairs fitness areas to the basement, but after further talks and research, the ESTF changed the plan to its current incarnation.

Stan Krowitz, the University Center administrator who can be found walking the halls of the UC in the evening, said that keeping the fitness facilities in the open helps to promote a healthy environment. He thinks that students are pleased with the construction, and that the number of people enjoying the space has grown nearly exponentially in the few days that the space has been Open to students, as he has had to chase more and more students out at closing each night. The facility will be open during the school year until 2 a.m. each night, though that may change.

The new Career Center,

which is sharing the same space as the new student areas, is largely outside of Student Planning and will later be moved to a bigger space, pending funding. A new centralized mailroom is a similarly bundled but also largely independent venture of Andy’s and the rec space.

While the space is open for use, a number of items are still on their way, and have already been funded, according to Student Body President Daniel Gilman. The lounge area adjoining Andy’s eatery will receive a 42” plasma television today that will usually run CNN with sound, but will also be switched to other programs that students might be interested in watching in the evenings, such as Pittsburgh Steelers games. Gilman sat on the ESTF and worked on the project as Namey’s vice-president last year. Other tweaks, he said, will include bulletin boards along the hallway of the mail center, new lighting, and wall decorations.

In Scotland Yard, the process of demand-based tailoring is ongoing, said Gilman. For instance, the arcade games were chosen using a combination of student input — DDR is popular at CMU, for example — and the industry expertise of Dale Lazar, who owns the company that leases the machines to CMU and most of Pittsburgh. But the machines are fair game for change in the coming months.

“We’re going to monitor things, what’s doing well and what’s not,” Gilman said. He noted that they had run out of sandwiches at Andy’s because they underestimated its potential popularity.

Erlan Barkeltbayev, a first-year physics student, and his checkers partner (Guzman both noted that the selection in the jukebox is small, and Gilman said they are working on the student complaint that the machine lacks any kind of hip-hop selection.

Chris Smoak, AB Chairperson, has enjoyed a Blasting Blackberry smoothie from Andy’s.

He said that during his first year at Carnegie Mellon in Morewood Gardens, many people used the poolroom as a place for socializing and that the space in the UC would have the same effect.

In his first day working at Andy’s, third-year creative writing student Corey Camp said the students loved the



Wenyao Ho/Photo Staff
A group of first-years enjoy a game of chess in the new lounge in the University Center located next to Andy’s. A series of coffee tables and comfortable leather couches give the area a feel similar to the Underground.



Alex Meseper/News Editor
Andy’s is a new Student Activities-run dining establishment located in the UC basement. It offers smoothies and is one of the few places on campus to get vegetarian cuisine.

restaurant, though nearly all the customers have been first-years so far. “An hour ago [5:30 pm], we were slammed,” he said about the popularity of the establishment.

The rec space will also now provide a hub for the Safewalk program, a student escort service for nighttime. The space will provide a more interesting waiting place than Morewood Gardens.

Throughout all stages of the planning, revenues to pay back funding from the University to create the rec space were supposed to come from the arcade machines. Dean Murphy said, though, that he doubts that the machines will pay back the loan, but the project went forward because of backup funding from various sources, such as his own budget. The total cost of all renovations is estimated at \$2.4 million.

The new recreational, eating, mail, and career facilities now occupy part of a space that the University debated leasing to Intel for E-commerce solution research in the



Wenyao Ho/Photo Staff
First-year CIT student Boseo Hui lines up a shot at the new recreational center, Scotland Yard, in the basement of the University Center. Other features of the location are a DDR Extreme machine and a digital jukebox.

fall of 2000.

The University had not considered renovating the space for lack of funding, and began to think about leasing the space temporarily to Intel, so that they could have the renovated space back after three to five years when Intel would be moved to a permanent off-campus location. Though the space would have to be adapted after that, the main costs in heating and ventilation would already have been addressed. Students, however, objected to a corporate presence on campus and in a building whose mission statement was to provide “facilities for teaching and learning that may be used by the members of the community or external organizations whose primary purpose is education.”

Intel eventually became part of the Panther Hollow Initiative and the facility now exists on the corner of Forbes and Craig.

University President Jared Cohon wrote a letter to the editor in the October 16, 2000 issue of The Tartan, acknowl-

edging that the plan wasn’t consistent with the long-term purposes of the UC but that, as a temporary solution, would provide many benefits to the campus community.

Whether or not the fitness facilities belong next to the eating facilities as they are in the UC is still subject to debate. Junior H&SS student Zachary Hiwiler, a Student Dormitory Council representative of Namey’s ESTF, said he would rather not exercise or swim in plain view of UC diners, but the renovations project is largely complete, if still awaiting a few tweaks. Hiwiler was in favor of the Intel move because he saw it as beneficial to campus.

“[The ESTF’s] mission was to evaluate and re-evaluate proposals for the layout of the rec/dining space. We analyzed several proposals, and solidified the specific vision for the space,” stated Namey via email.

He now works for Student Affairs until he travels to Oxford to work on his master’s in September.



2008–2009

Sneakerology 101 gains nationwide acclaim, draws speaker

APRIL 13, 2009
Destiny Ridguard

A crowd gathered in McConomy Auditorium last Monday. Composed of Sneakerology 101 students, faculty, staff, University of Pittsburgh students, and other members of the community, the crowd waited as Robert “Bobbito” Garcia scribbled a series of words on the blackboard.

Garcia was the guest lecturer brought in by the StuCo Sneakerology 101, possibly the only class in America that has a curriculum covering sneakers from Converse to Creative Recreations.

The instructors, Carnegie Mellon seniors Elliot Curtis, a decision science major, and Jesse Chorng, an economics major, were front row, center, ready to receive more knowledge.

Before the introductions, Curtis said, “This man is a legend, a true aficionado, and to have him here is beyond amazing. I just want to thank everyone who helped to make this possible, and continue to do what Bob says: ‘expose the unexposed.’”

“This is an amazing opportunity to show everyone what we can do and what he has done. It will give our students some perspective on what El-

liot and I try and teach in the classroom,” said Chorng.

When he was done writing on the board, Garcia turned around, and the text of his T-shirt read, “Where’d You Get Those?: New York’s Sneaker Culture from 1967–1980,” the title of his September 2003 book, an anthropological oral history that describes the functionality and fashion of sneakers during this era.

On his feet were the LeBron 6 sneakers, in navy blue and white.

He credited his editors in helping him create the book used as the text for Sneakerology 101.

Garcia, born in 1966 in New York City, is also known as DJ Cucumberslice, Bobbito The Barber, Make It Happen, Boogie Bob, Kool Bob Love, Soul Food Bob, and Bag of Tricks.

After graduating from Wesleyan University in 1988 and playing professional basketball in Puerto Rico, he began working at Def Jam and co-hosted the Stretch Armstrong and Bobbito Show on WKCR 89.9 FM from 1990 to 1998.

His show featured exclusive demo tapes and in-studio freestyles from many then-unsigned artists, such as Nas, Big Pun, Wu-Tang Clan, Big L, Fugees, and Notorious B.I.G.,

who later found great success on major record labels.

In addition to DJing all over the world, Garcia remains an editor, writer, cultural critic, streetballer, sneakerhead, and member of the Rock Steady Crew.

Garcia said that a collector is someone who collects sneakers “similar to [the way someone would collect] art, stamps, or coins.”

He described sneakers as a “reflection of your own personality,” and said that a “connection with your shoes is a connection with others.”

He began a 45-slide PowerPoint presentation that featured pictures from his book.

Garcia provided facts and figures, prices of pairs, where they were sold, relevant athlete endorsements, and information about why certain color combinations claimed attention in the public sphere.

He used his slides to explain the evolution of sneaker culture, which featured different pairs of shoes and basketball players who contributed to this “localized grassroots movement of street ball and sneaker culture.”

When asked what surprised him about speaking at Carnegie Mellon, Garcia said, “I’m a humble dude, but I didn’t expect to see my face

big up there on the screen.

“I was shocked. I had seen the poster, but man, oh goodness. And we’re not in a classroom; this is an auditorium. One-hundred plus people were here, and not just CMU,” Garcia said.

“I thought we’d be in a classroom, you know 30 people, but this is on a much grander scale than I imagined. I knew there would be students from the class, but people from Pitt and folk from the city came out.”

Along with Garcia’s visit to the campus, there is other evidence of the widespread and growing popularity of the Sneakerology 101 class.

The StuCo has been picked up by many blogs and websites, such as (www.hypebeast.com), where the class and the sneakers are given high marks.

A special event, Kicksburgh 2009, is planned to feature the limited edition Sneakerology Reebok Reverse Jams, of which only 101 will be made and sold.

The event kicks off at 5 p.m. in Skibo Gym this Wednesday and will include live music, art, and a break-dancing performance, as well as other clothing and sneaker vendors and an opportunity to donate to The Hill House Association.



Celia Ludwinski
Bobbito Garcia spoke to students, faculty, staff, and guests in McConomy.



Courtesy of kicksburgh.com

CMU assists in building Large Hadron Collider

SEPTEMBER 21, 2008
Jun Xian Leong

Two weeks ago, the world’s largest particle supercollider, the Large Hadron Collider (LHC), officially celebrated a milestone in its development when the first particle beams were successfully accelerated across its 27-mile circumference. The real job of the LHC is smashing bits of our universe together in the hopes of discovering new elementary particles — notably the elusive Higgs Boson, and possible candidates for dark matter particles — which may help explain how our universe holds itself together.

The Higgs Boson is a hitherto-undetected elementary particle that the Standard Model predicts to exist and is crucial to explaining why particles have mass. Dark matter is a similarly undetected form of matter which is accountable for nearly 22 percent of the unseen mass in space holding galaxies together. Together, these particles constitute some of the largest mysteries in physics today — mysteries the LHC may soon be able to unravel. The LHC essentially accelerates two beams of protons to energies of over seven trillion electron volts (TeV) in opposite directions, and then points them on a collision course. Upon impact, the immense energies released cause the constituents of the nuclei to interact, releasing elementary particles in a shower of radiation, which lasts for mere nanoseconds before decaying. These elementary particles created during collisions are the focus of massive amounts of research, as they are hoped to reveal what is truly at the heart of matter itself.

While smashing two clocks together may not seem like the smartest way to learn how clocks work, there appears to be little other recourse for high-energy physicists to learn how our world truly works.

Tom Ferguson, a physics professor at CMU, has been working on the LHC for over 14 years, from design to prototype to actual production. Currently, Carnegie Mellon has a team of 11 members led by Ferguson working on the

LHC, including physics professors Helmut Vogel, Manfred Paulini, and James Russ, with the remainder being post-doctoral and graduate students.

Carnegie Mellon’s main contribution to the LHC lies in the construction of the Compact Muon Solenoid (CMS) — a 20-meter long, 18-meter high detector built for the specific purpose of detecting muons, elementary particles produced both during collisions and upon the decay of the collision products. Specifically, CMU constructed the end-cap muon chambers for the CMS — massive detector chambers which capture trails of muons’ as they fly through matter.

“The ability to detect muons and meson momentum is a crucial part of the CMS,” said Vogel, who recently began working on the CMS as a part of Ferguson’s team. “Many of the elementary particles have decay products that contain muons, and detecting these muons can give us a very good sense of what might have been produced inside,” he said.

The muon chambers are filled with a mixture of argon and carbon dioxide gas. As a muon passes through, it ionizes gas molecules around it, leaving a trail of ionized particles in its wake.

The freed electrons drift to a mesh of high-voltage wires strung across the chamber, which convert them into electrical pulses that are measured and recorded. The choice of gas for the muon chambers was an interesting one. “We could not use a gas like, say oxygen, because it would be ‘poisonous’ to the electrons,” Vogel said. “Oxygen is highly electronegative — meaning the electrons would be absorbed before they could be detected,” he explained. “The gas also needs to be nonflammable, yet affordable — it is like a many-parameter optimization problem,” Vogel said.

“We built all the electronics that read out these chambers,” Ferguson said. “There is nothing on the market that comes even close to the precision we need for these measurements,” he said. All in all, CMU contributed to the fabrication of over 10,000 chips

for 150,000 channels of detectors within the CMS alone.

The analysis team that the Carnegie Mellon contingent is involved in is currently researching a fuller understanding of upsilons, which are elementary particles that have been a subject of interest in high-energy physics for several years.

“It is clear we do not fully understand upsilon production,” Ferguson said. “We hope that by boosting to higher energies, we may be able to discover something new about these particles.”

Ferguson likened his work to those of chemists in the 19th century. “[Chemists] had all these elements that we know the atomic mass, the properties and characteristics of, but we do not know why they are there,” he said. “After Mendelev put them in a table, he showed there was order to the system — and we were then able to create new elements as predicted by the Periodic Table.”

“Similarly, we now have these particles like the Higgs Boson that are predicted by the Standard Model, and we are trying to find them within these collisions,” Ferguson said. “Why are they there? What is underlying it all? We do not know yet, but we are hoping this will be the last piece of the puzzle.”

Whether or not the Higgs Boson is ever discovered, physicists at large are exceedingly excited about the prospects that the LHC brings. “Personally, I hope nobody is right,” Ferguson said. “I hope we discover something no one has predicted — now that would be exciting!”

Vogel, too, shares his optimism at the prospects of the LHC. “We expect to detect some intricate signatures or event topologies that tell us what kind of supersymmetric dark matter candidates might have been produced,” he said. For a rapper’s version of how the LHC operates, Vogel recommends the LHC Rap — which happens to be scientifically accurate — accessible by searching for “LHC rap” on YouTube, or at the following link: www.msu.edu/~mcalpin9/lhc_rap/largehadron.html.

NOVEMBER 3, 2008
Sabrina Porter

Facebook has landed a new mapping platform, thanks in part to a Carnegie Mellon alumnus. Andrew Johnson (Tepper ’03) and co-founder Anna Hentzel received one of Facebook’s first fbFund grants for their application TrailBehind, mapping software people can use to plan hiking trips. While Johnson and Hentzel are concentrating on hiking now, their software has the technical capability to map any location in the world.

The grant they received is part of the fbFund, begun this past July, through which Facebook plans to award \$10 million to application developers. Johnson and Hentzel’s platform was one of 25 to be granted money on Oct. 15. They were given \$25,000 to develop their platform and turn it into a Facebook application.

“[Anna and I] have been thinking of this for a long time. We go backpacking every or every other weekend,” Johnson said. “We’re both Facebook users and it was always in our plan to make a Facebook application.”

Johnson and Hentzel are both avid hikers with computer programming backgrounds. Johnson previously worked at the Carnegie Mellon start-up SureLogic while Hentzel worked at Google. Johnson and Hentzel registered the company domain, (*TrailBehind.com*), last October, but they really got started on the mapping platform this April.

TrailBehind will not only map trips but will act as a social platform on which hikers can share advice, compare paths, offer trail opinions, and allow users to map out and share particular paths they have taken.

Johnson and Hentzel began with big parks like Yosemite National Park as well as areas they were familiar with, particularly in Pittsburgh and California. They are hoping that they and the users can expand the coverage.

Steve Schmitt, a member of the board of directors at TrailBehind, CEO of SureLogic, and a Carnegie

Mellon alumnus (Heinz ’96), spoke on the prevalence of social networking sites like Facebook.

He cited June 2008 statistics from Comstar, one of the major web tracking companies. Out of 860 million unique visitors to the Internet, 580 million went to social networking sites, and Facebook was by far the most visited.

“What we’re seeing is a transformation of how people across the globe get information,” he said. “CMU is part of that story and it is very exciting.”

Schmitt, in addition to being a CMU alumnus, was Johnson’s boss at SureLogic. Johnson was Schmitt’s first hire and the two worked together for two years.

Schmitt said Facebook is now making the transformation from a website to a platform, adding that it eventually will become like an operating system, putting every function into one place.

Johnson and Hentzel compared the particular role of TrailBehind to a Wikipedia of hiking and an interactive mapping pinboard, as a place where users can collaborate on hiking trails, compare opinions, and share any insights they have on their past trails.

Johnson dreams of the site being the top hit on Google for mapping of all kinds.

“What makes [TrailBehind] different is that we’re aggregating data,” Hentzel said. “We have algorithms that merge trails between user points and rank popularity.” Hentzel added that the information shared on TrailBehind can only be gained from other people, not from governmental or national park websites.

Johnson expressed similar sentiments as Hentzel, addressing the more complete and efficient nature of TrailBehind.

Johnson said that while a

map of all the national parks in the Eastern region of the United States could cost about \$150, a map from TrailBehind would be free.

“We know where all the parks are and their basic shapes and sizes. When people add information, our maps become more complete,” Johnson said.

Johnson spoke excitedly of the possibility of eventually expanding the mapping platform to specialize in more areas than hiking as the technical capacity already exists.

“If you want to know about where to take your dog, hotels that are dog-friendly, finding malls, or social networks, we can help you with that,” Johnson said.

Charles Johnson, Andrew Johnson’s father and Managing Member of Verve X3, a graphic design firm, who helped with the software development, spoke on the challenges TrailBehind will face once they expand their services.

“We’re talking about competing with companies like Google Earth,” Charles Johnson said. “There [are] a lot of mapping platforms already out there.”

Charles Johnson spoke about what sets them apart from their competitors.

“This is a more social environment,” he said. “It’s not just getting from Point A to Point B, but what to expect along the way.”

Charles Johnson said that he has already seen a trend in people wanting to know about the journey, from people wanting to know weather hour-by-hour to constant traffic updates.

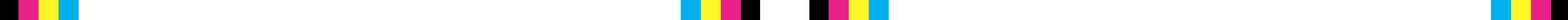
Johnson and Hentzel both spoke on the importance of their application and on their enjoyment of their work.

“For me, the most exciting part is doing something I like,” Hentzel said. “We already use it on our camping trips.”

Johnson dreams of the site being the top hit on Google for mapping of all kinds.

But for now, the focus remains on hiking.

The application, TrailBehind, is available on Facebook. More information can be found at *TrailBehind.com*



2012–2013

Past student talks stress

MARCH 25, 2013
Oren M. Spiegler

I read with great interest of the forum that was conducted on campus pursuant to the suicide of a student and the issue of the pressure and competitive nature of the institution rising to the fore.

It is obvious to me that nothing has changed at Carnegie Mellon since I attended from 1974 through 1977.

Perhaps my first mistake was to have attended the school out of a sense of duty to my late mother, Gloria Siegle Spiegler, a distinguished 1943 alum from the School of Music, who enjoyed a wonderful and gratifying career as piano performer and teacher. Mother treasured her days at what was then Carnegie Tech.

I was accustomed to being one of the students that excelled in elementary and high school, but found that at Carnegie Mellon, I was no longer anything special as one forgotten member of a group of brilliant individuals. I was taken aback by the lack of individual instruction, attending lectures with many times the number of students as there were in my high school classes. It was easy to get lost among the masses in these huge lecture classes. I also had great difficulty in comprehension and absorption of material delivered by teaching assistants that had poor English skills, something to which I was not at all accustomed.

I felt that there was little, if any, help for the student that found the atmosphere at Carnegie Mellon to be as challenging and intimidating as I did.

I went on to attend and graduate from Robert Morris University with a degree in Business Administration and to a successful career in the public sector which continues after almost three decades. I have a soft spot in my heart for the school predicated upon what it meant to my beloved mother (and I donated her two prized pianos to Carnegie Mellon upon her death in 2005), but CMU was not a factor in any of my achievements.

Polaris Moon rover rolled out for Lunar Robot open house



Alumni gather around William “Red” Whittaker in the Gates Center during Cèilidh Weekend as he presents Polaris, a lunar rover that will prospect the underground water and gas resources discovered as ice on the moon two years ago.

OCTOBER 7, 2012
Jennifer Golda

Pittsburgh-based space robotics company Astrobotic Technology, Inc. rolled out the first prototype of its lunar ice prospecting robot, Polaris, in the Gates Center at its first official public unveiling.

As a part of the Cèilidh Weekend festivities, the Lunar Robot Open House brought students, staff, family, and alumni around a stage that held Polaris as William “Red” Whittaker spoke about the rover. A Robotics Institute professor and Astrobotic’s CEO, Whittaker described the goal of Polaris: to explore the vast underground water and gas resources discovered as ice on the Moon two years ago.

Polaris, equipped with a drill and other prospecting equipment, can answer questions about the gas that satellite data cannot. “What is it, what is it made of, where is it, what is its concentration, can you extract it, can you use it?” Whittaker said. “[Polaris] changes everything.”

Answering these questions could have a large impact on the future of space exploration. “This polar ice, when utilized, can transform the whole direction of space exploration,” Whittaker said. “Because see, if you could refuel after leaving the Earth, you can go anywhere.” But to learn how to use this extraterrestrial gas to fuel travel beyond our current limits, Whittaker explained we must first travel to the Moon.

And this will be difficult, he said, because the rover will

be completely autonomous. Without radio GPS and remote control, the robot will have to compare its surroundings to satellite images of the Moon’s surface to determine its location. It will have to see and maneuver around rocks larger than 15 centimeters — or roughly the size of a bowling ball — that could obstruct its path. Perhaps the most difficult challenge is how the solar-powered Polaris would balance operating in areas that not only have ice, but also sunlight.

In October 2015, Astrobotic plans to send Polaris to a carefully chosen location near the Moon’s northern pole. Like the Earth, the Moon’s region with the most frozen resources is also its coldest and darkest: the poles. The rover must utilize complex algorithms to predict when and where shadows will fall as it travels the surface and as the Moon changes positions. For the mission to be a success, the rover needs to detect both ice and sunlight.

Polaris also needs to be able to successfully land, and to achieve this, Astrobotic is also developing a high-precision lander. Once the lander and its payload near the desired region of the Moon’s surface, it will slow down and hover for about four days before it decides where to land and make its slow descent.

In addition to accuracy, the lander will also boast versatility. Kevin Peterson, a Ph.D. student in robotics who has worked on the project for two years, explained the many features of the lander’s design.

“... this lander is designed for this rover, [but also] for the smaller rover and for carrying payloads underneath. We can go without a rover all together, as long as we are within our mass constraints, which are fairly large, actually,” Peterson said. “That lets us design one lander and then go out and find a payload.” This will allow the company, which is already receiving \$1 million a year from NASA alone, to easily commercialize its lander to other Moon-goers.

“The company’s goal is not to win the X PRIZE; it is to commercialize space,” Aaron Acton said, referring to the Google Lunar X PRIZE, the largest contest of its kind in history.

Acton has been working on the project for more than three years, ever since he began his master’s in mechanical engineering. “As part of that goal, to win the X PRIZE, would be great,” he added.

According to Google’s X PRIZE website, “A total of \$30 million in prizes are available to the first privately funded teams to safely land a robot on the surface of the Moon, have that robot travel 500 meters over the lunar surface, and send video, images, and data back to the Earth.”

Astrobotic was founded shortly after the announcement of the contest in 2008, and is determined to compete with 26 other groups. With its team of over a dozen Carnegie Mellon students and alumni, the company is preparing to move to a new location so that it can expand its research and operations.

Suspect in bomb threat case indicted

AUGUST 26, 2012
Justin McGown

The FBI officially indicted Adam Stuart Busby on Aug. 22 for sending over 40 threatening emails to the University of Pittsburgh last year. Busby’s emails were part of a series of over 100 bomb threats issued to Pitt throughout the spring semester. Busby, the founder of the Scottish National Liberation Army, is currently in an Irish prison awaiting an extradition hearing for threats he allegedly made about airliners travelling between London and New York City.

According to a statement on the FBI’s website, Busby is indicted on 35 counts: 17 counts of wire fraud, 16 counts of maliciously conveying false information in the form of bomb threats, and two counts of international extortion.

In addition to the Pitt bomb threats, Busby has been charged with sending emails in 2010 threatening to poison water supplies in England, and specifically Gordon Brown, who was prime minister of the United Kingdom at the time. The 64-year-old Scottish nationalist is known mainly for his hoaxes; while the Scottish National Liberation Army has carried out or attempted more overt acts of terrorism in the past, Busby suffers from multiple sclerosis and is bound to a wheelchair.

“I was not in the least bit surprised [by the charges],” David Leslie, a retired Scottish reporter who personally knows Busby, said in a Pittsburgh *Post-Gazette* article. “His motive is publicity. Busby glories in publicity. He will target anyone or any organization that he feels will gain him publicity.”

Busby’s motive is unclear. The FBI declined to speculate about his reasoning, and Busby has no direct connection to either the university or the city. In his interview, Leslie told the *Post-Gazette* that it was likely not a deeply thought-out action, and was possibly inspired by the presence of a UPMC hospital in Dublin.

While the threats Busby has been charged with were some of the most prominent of those made against Pitt, nobody has been charged for the other threats, including the initial ones written inside bathrooms on campus. Pitt rescinded its offer of a \$50,000 reward for information after a group calling itself the “Threateners,” now identified as Busby, claimed

responsibility for some of the threats and demanded that the reward be removed.

Extradition from Ireland is historically hard to accomplish, and authorities in both the U.S. and the U.K. seem to view Busby as a nuisance more than anything, according to Leslie’s interview with the *Post-Gazette*. The FBI did not make any statements regarding extradition. Leslie believes that the U.S. will likely not push hard for Busby’s extradition.

In his official statement, Pitt Chancellor Mark Nordenberg thanked local and federal law enforcement as well as the Pitt community for their support during the bomb threat fiasco. He cited examples of people who went out of their way to help, including a canine officer from McKeesport who made late-night trips on his own time to perform bomb sweeps, and faculty members who patrolled doorways and conducted classes on campus lawns.

“His motive is publicity. Busby glories in publicity. He will target anyone or any organization that he feels will gain him publicity.”

- David Leslie

“Everyone in the University of Pittsburgh community is deeply grateful for the many forms of help that were extended to us while our campus was under siege and for all of the hard work that was done,” Nordenberg said in the statement.

Although Busby’s indictment has provided some answers, many students remain puzzled.

Carnegie Mellon sophomore computer science major Eric Lee said, “Considering that no bombs were actually detonated at the school, it seems almost fitting that the threats were as random as they were pointless.”

Some, like Pitt first-year engineering major Erin Sarosi, are just happy to see progress. Sarosi applied to Pitt while the threats were occurring. “It wasn’t hindering me from going here,” Sarosi said. “I think it’s still a pretty safe campus.”

Town hall to discuss CMU’s expansion toward Craig Street

APRIL 29, 2013
Chloe Thompson

Attendees of an open Town Hall discussed the fate of Craig Street on Wednesday.

Led by Vice President for Campus Affairs Michael Murphy, the Town Hall informed the audience and the Simonds Commission — which is the group of trustees, faculty, and senior administrators responsible for new projects and renovations to Carnegie Mellon properties — about the development plan for Craig Street. The Town Hall also served as a forum for community members to discuss their own opinions on the project.

Carnegie Mellon owns and leases several properties in the Craig Street area, including the recently acquired diocesan property near Central Catholic High School on Fifth Avenue.

The Institutional Master Plan for Carnegie Mellon outlines the future development of the campus and properties held by the university in the

surrounding area. Murphy stressed the university’s desire to strike a balance between collegiate interests and those of the community: “We have to have the right mission, the right balance, [so Craig Street is] CMU-centric and a modern destination of choice.”

A possible roadblock in the project’s development is the zoning designation of Carnegie Mellon’s various properties. The campus falls under an Educational/Medical/Institutional (EMI) zone, which means that the university is at much greater liberty to do what they like with the property. Much of the property in the Craig Street area is part of a residential or business zone, which means that the university has to work with more restrictions.

Despite these possible constraints, Murphy was adamant that the university has no plans to fundamentally alter Craig Street. “We’re not talking about changing functionality, we’re not talking about

throwing anyone out of their place,” he said.

Senior materials science and engineering and biomedical engineering double major Sohini Bianka Roy attended the meeting as a representative of the undergraduate Student Senate, and discussed the stake of students in this matter.

“The goal was essentially to have some kind of Tartan pride,” she said. “When you walk down to the University of Pittsburgh’s campus, you see that ‘Go Panthers,’ you see that pride, and we felt that Craig Street is kind of like our own little corridor street.” Murphy then opened the floor to the audience, asking “What is your vision for Craig Street?”

The audience had a wide variety of suggestions, such as having retailers selling Carnegie Mellon merchandise, having some Carnival events there, or having a visual connection to the school, such as painted thistles on sidewalks.

Murphy said that the cur-



The future relationship of Craig Street and Carnegie Mellon opened for discussion at last week’s town hall.

rent plan for representation of the university was to keep symbols “subtle yet iconic.”

Another popular idea was asking businesses to stay open an hour or two later some nights.

As one attendee pointed out, “[Craig Street is] a place

where students could go, but then the hours would have to match their weeks.”

The idea of closing down traffic on Craig Street to create a place for students to congregate was also suggested. Director of the Remaking Cities Institute and member of

Alumni Calendar

The following list includes some events that are exclusively available to alumni or that encourage alumni attendance. A schedule of general Carnival events can be seen in the Pillbox Carnival calendar on page C15. For a full list, visit the Alumni Association website.

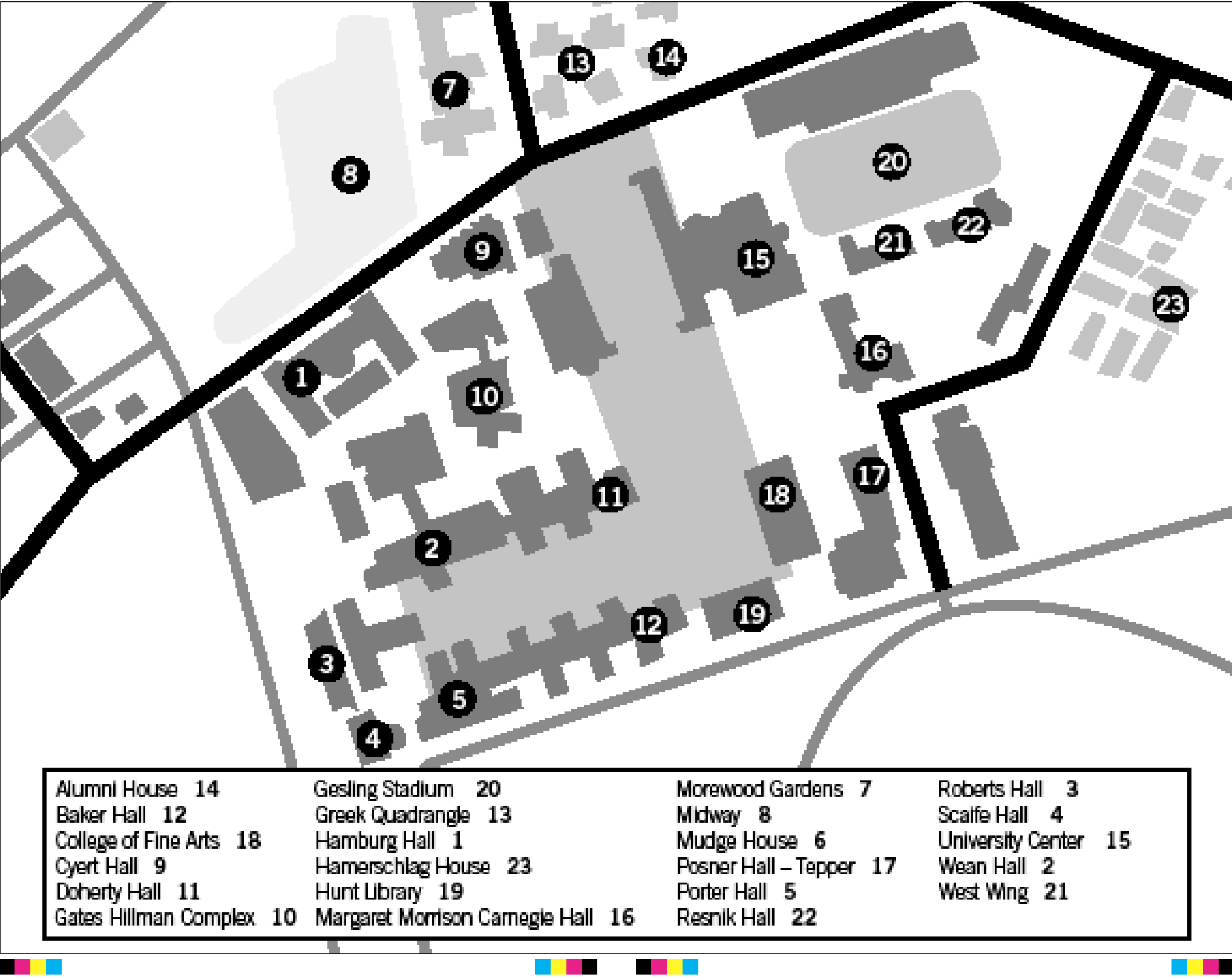
- AB**
AB Tech Alumni & Student Mixer
Saturday, 2:30 - 4:30 p.m., Alumni Lounge, University Center
- Alpha Phi**
Alpha Phi Alumnae Luncheon
Saturday, 12:00 - 1:30 p.m., Alpha Phi House, 1079 Morewood Avenue
- Alumni Association**
All Alumni Happy Hour, hosted by the Pittsburgh Alumni Chapter
Thursday, 5 - 8 p.m., Mario’s East Side, 5442 Walnut Street
- Ballroom Dance Club**
Ballroom Dance Club Alumni Reception
Saturday, 2 - 5 p.m., Activities Room, University Center
- Beta Sigma Corporation**
Beta Sigma Corporation Annual Meeting
Saturday 12 - 3 p.m., Giant Eagle Auditorium, Baker Hall
- Biomedical Engineering Department**
Biomedical Engineering Alumni Reception
Saturday, 2 - 4 p.m., Room 2100, Doherty Hall
- Buggy Alumni Association**
Buggy Alumni Association Reception
Friday, 12:30-2 p.m., Frew Street Alumni Association Welcome Tent (Rain Location: Baker Lounge)
Friday and Saturday, 7 a.m. - 12 p.m., Buggy Alumni Association Welcome Tent
- Carnegie Institute of Technology**
CIT Carnival Alumni Brunch
Friday, 9 - 11 a.m, Singleton Room, Roberts Engineering Hall
- Carnegie Mellon Black Alumni Association**
Carnegie Mellon Black Alumni Association (CMBAA) Lunch & Meeting
Saturday, 11:30 a.m. - 1:30 p.m., Room 100, Gregg Hall, Porter Hall
- Carnegie Tech Radio Club**
Carnegie Tech Radio Club 100th Anniversary Celebration
Thursday, 5 - 8 p.m., Singleton Room, Roberts Engineering Hall

- Chemical Engineering Department**
ChemE Alumni, Faculty & Student Mixer
Friday, 2 - 3 p.m., A100 Rothfus Lab, Doherty Hall
- cmuOUT**
cmuOUT Alumni Network Happy Hour
Friday, 6 - 8 p.m., 5801 Video Lounge & Café, 5801 Ellsworth Avenue
- Delta Delta Delta**
Delta Delta Delta Alumnae Brunch
Saturday, 11 a.m.- 1 p.m., Delta Delta Delta House, 1071 Morewood Avenue
- Delta Gamma**
Delta Gamma Alumnae Tea
Saturday, 11:30 a.m. - 1:30 p.m., Delta Gamma Beta Nu House, 5032 Forbes Avenue
- Delta Tau Delta**
Delta Tau Delta Alumni vs. Undergrad Football Event
Saturday, 12 - 4 p.m., Delta Tau Delta House, 1060 Morewood Avenue
- Delta Upsilon**
Delta Upsilon Dinner
Friday, 8:30 p.m., Primanti Bros., 3803 Forbes Avenue
- Dietrich College**
Dietrich College Reception
Saturday, 11 a.m. - 1:30 p.m., Terrace Tent, Baker Hall
- Heinz College**
Heinz Alumni, Faculty, Student Reception
Saturday, 3 - 5 p.m., Foyer, Hamburg Hall
- Hispanic-Latino Alumni Association**
Hispanic-Latino Alumni Association (HLAA) Networking Reception & Argentine Tango Experience
Saturday, 1:30 - 3 p.m., Tartans Pavilion
- Information Systems**
IS Block Party
Friday, 4 - 5:30 p.m., Room 222, IS Conference Room, Porter Hall
- Kappa Alpha Theta**
Kappa Alpha Theta Alumnae Brunch and Ice Cream Social
Saturday, 10 a.m. - 12 p.m., Kappa Alpha Theta House, 1077 Morewood Avenue
- Kappa Kappa Gamma**
Kappa Kappa Gamma Alumnae Lunch Saturday, 3:30 - 4:30 p.m., Kappa Kappa Gamma House, 1065 Morewood Avenue

- KGB**
KGB Defector’s Party
Saturday, 2 - 6 p.m., Dining Hall, Stever House
- Kiltie Band Alumni & Student Reception**
Thursday, 4:30 - 6:30 p.m., Alumni Lounge, University Center
- Maggie Murph**
Maggie Murph Reception
Friday, 3 - 4 p.m., Maggie Murph Café, Hunt Library
- Mechanical Engineering**
5th Annual Materials Science & Engineering Alumni Carnival Deck Party
Friday, 4 - 6 p.m., 3300 Corridor, Wean Hall
- Phi Kappa Theta/Chi Omega**
Off Campus Phi Kappa Theta/Chi Omega 1970s (plus or minus) Reunion
Friday, 7 p.m., Lounge/Bar Area, Wyndham Pittsburgh University Center, 100 Lytton Avenue
- Pi Kappa Alpha**
Pi Kappa Alpha Luncheon
Friday, 12 - 3 pm, Connan Room, University Center
- ROTC**
ROTC & Military Alumni Welcome Tent
Saturday, 9:30 a.m. - 12 p.m.Frew Street
- School of Architecture**
School of Architecture Lunch & Expose of Current Work
Saturday, 11:30 a.m. - 2 p.m., Room C7, Digital Fabrication Lab, Margaret Morrison
- School of Computer Science**
SCS/ECE Spring Carnival Alumni Reception
Saturday, 1 - 3 p.m., Room 6115, Gates Hillman Center
- School of Design**
Design Alumni Reception
Saturday, 1:30 - 3 p.m., Room 111, Margaret Morrison
- Science & Humanities Scholars**
Science & Humanities Scholars Alumni & Student Reception (SHS alumni & students only)
Saturday, 12 - 2 p.m., First Floor, Stever House
- Scotch’n’Soda**
Brunch & Gala, Rangos Ballroom, University Center
Saturday Brunch: 11:30 am (Adults: \$15; Students: \$10)
Saturday Gala: 6 pm (Adults: \$25; Students: \$15)

- Performance: “The 25th Annual Putnam County Spelling Bee”
Thu. Apr 10, 8:00 p.m., Fri. Apr 11, 2:00 p.m. and 11 p.m., Sat. Apr 12, 2:00 p.m.
- Senate**
Senate Alumni Brunch
Saturday, 10 a.m. - 12 p.m., Donner Dell (Rain Location: Room 103, Breed Hall, Margaret Morrison)
- Sigma Alpha Epsilon**
SAE’s 40th Annual Kickoff to Spring Carnival
Thursday, 9 p.m, Sonny’s Tavern, 630 S. Millvale
Dinner with Mystery Sandwiches at SAE
Friday, 6 p.m., Sigma Alpha Epsilon House, 1085 Morewood Avenue
- Spring Carnival Committee**
Current & Former Spring Carnival Committee Reception
Saturday, 1 - 3 p.m., Danforth Lounge, University Center
- Student Dormitory Council**
SDC Alumni Social
Friday, 2 - 4 p.m., Danforth Lounge, University Center
- Tepper School of Business**
Tepper School Reunion Registration
Friday, 2 - 7 p.m., Main Lobby, Tepper School of Business
Saturday, 8 a.m. - 3 p.m., Rachel Mellon Walton Room, Tepper School of Business
- Tepper All-Class Reunion Celebration at Heinz Field
Saturday, 6:30 - 10 p.m., Heinz Field, East Club Lounge, 100 Art Rooney Avenue
- The Tartan**
The Tartan Alumni Panel and Reception
Saturday, 3 - 5 p.m., Room 314, Tartan Newsroom, University Center
- WRCT**
WRCT Student-Alumni Meet-up
Saturday, 1 - 3 p.m., Located at the WRCT 88.3 Station
- Other events**
Decade of the 1980’s Reception
Saturday, 5 - 7 p.m., Connan Room, University Center
- Young Alumni Happy Hour
Saturday, 4 - 6 p.m., Tartan Pavilion

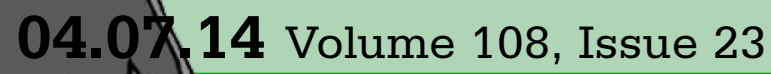
Carnival Weekend 2014 Event Locations



pillbox
The Tartan's art & culture magazine



CARNIVAL 100



...this week only



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GoT

Premiere sets the scene for exciting new season.

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Gutenberg!

School of Drama production provides lots of historical laughs.

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HIMYM

The *How I Met Your Mother* finale doesn't live up to nine years of expectations.

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Prima Facie

The 2014 Spirit Fashion Show tackles social issues, as well as high fashion.

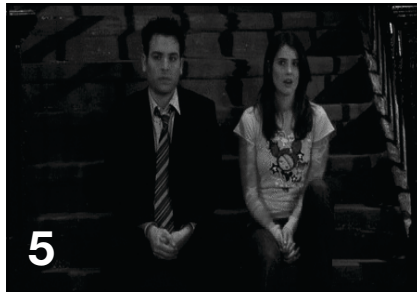
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Midway Map

Don't get lost amongst the towering booths thanks to this handy map.

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AB Films presents *Frozen* and *Sharknado* as Carnival fare.

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Keep your mind sharp this Carnival with our super challenging puzzles.

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Look into the page and see what the universe has in store for you this week.

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There's a lot to do this week, so check out the calendar to plan your time.

PUBLISHER Rachel Cohen **EDITOR-IN-CHIEF** Braden Kelner
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Do you dare play the game?

Game of Thrones begins a promising fourth season

Warning: This article contains spoilers for the first episode of season four of Game of Thrones.

The dragons are bigger, the stakes are higher, and the numbers become smaller with each episode. Season four of the wildly popular *Game of Thrones* premiered Sunday night, and with it came promise of a season full of twists, turns, and, of course, bloodshed.

Based on the book series *A Song of Ice and Fire* by George R.R. Martin, the hit HBO show is set in the fictional continents of Westoros and Essos as their inhabitants fight for control of the Iron Throne.

But the road to power and glory is lined with the lives of those who were unsuccessful, because when you play the game of thrones, you either win or you die.

This was a lesson learned the hard way by Robb Stark (Richard Madden), his mother Catelyn (Michelle Fairley), and his wife Talisa (Oona Chaplin) in one of the show's most gruesome scenes from last season, dubbed "The Red Wedding."

Last season's finale "Mhysa" saw the fallout from the tragedy and brought many of the storylines if not to a close, then to a nice pause.

This week's episode, "Two Swords" picks up as King's Landing is preparing for the wedding between King Joffrey (Jack Gleeson) and Margaery Tyrell (Natalie Dormer).

Tyrion Lannister (Peter Dinklage) has his hands full dealing with the arrival of the Dornish Prince, but not the one they are expecting. Prince Oberyn (Pedro Pascal) is there to exact revenge against the Lannisters for the death of his sister.

Tyrion's wife, Sansa (Sophie Turner) is understandably struggling after the murder of her

brother and mother. In a particularly touching scene, Tyrion plays the good husband and tries to convince her to carry on for the sake of her mother, but to no avail.

Her bastard brother Jon Snow (Kit Harington) doesn't have much time to mourn his late half-brother before he is put before a council of the Night's Watch to answer for his transgressions last season.

He's admitted to his time with the Wildlings, especially Ygritte (Rose Leslie), but is upset that his brothers don't seem to believe his warnings of an oncoming war from beyond the Wall.

The despicable King Joffrey proved once again that he's more interested in looking like a king than actually acting like one, by ignoring his duties and, instead, tormenting his uncle Jaime (Nikolaj Coster-Waldeu).

Daenerys Targaryen (Emilia Clarke), Mother of Dragons, Khaleesi, and one of the most impressive characters on the show, continues her mission of amassing an army large enough to invade Westoros and take back the kingdom she believes is right fully hers.

In the meantime, she is beginning to discover that even the most devoted mothers cannot always tame their children — be they dragons or men.

As can only be expected, it was an episode for the viewer to play catch-up, focusing more on laying the groundwork for the major storylines this season. Although lacking in any major excitement, the *Game of Thrones* season four premiere was the perfect episode after a long break

Mairéad Pettit | Personnel Manager



Eunice Oh | Staff Artist

Advice for awkward people

About Carnival and being a super duper senior

Dear Matt & Ryan,

Carnival! Carnival! Carnival! It's here! I thought I'd be moving on my sorority's booth in the rain on Friday, but I didn't! Instead I'm just slaved to building the damn thing for the next 72 hours, which is oh so wonderful. I can't wait to watch all the happy children climb around this carefully constructed jungle gym of fun! Carnival! I'm so happy! Sunshine! Rainbows! Kittens!

**Sincerely,
Unbelievably Naive Into Carnival, Operating Really No Sleep**

Dear UNICORNS,
It is wonderful that you are so excited about Carnival, we too have been checking *isitcarnivalyet.com* constantly for the last two weeks. Which is probably the reason that we both got zeros on our midterms, but that doesn't matter! Spring has come again. We will get to eat artery-clogging state-fair food in the Morewood parking lot! Both of us have been looking forward to our last Carnival here at Carnegie Mellon, and are kinda glad that we don't have to see Carnival moved next to the CFA parking lot.

**Seriously, a Ferris-wheel view of the University Center isn't as cool as one of Gates.
Ryan & Matt**

Dear Ryan & Matt,

I'm really surprised that although both of you are seniors, and have plans for after graduation, you are still as invested in everything as you've ever been! What is your secret? I'm dying to know so that I can be as good a senior as you two next year.

**Sincerely,
Nebby, Attached, Student Activity Leader**

Dear NASAL,
To answer your question, the reason that we are as good of seniors as we were sophomores and juniors is that we both really want to graduate, and get out of here. Don't get us wrong, Carnegie Mellon has been a great place to get an education, but we are ready to do something else with our lives. Matt got that scuba-diving job, and Ryan is eloping with his roommate's girlfriend. As such, we both have caught a case of senioritis ahead of our last Carnival as students, and have decided to enjoy April in Pittsburgh. This is our last advice column. We are sorry to no longer be able to offer sage advice to all you awkward members of the Tartan audience, but all good things must come to an end.

**We'll always live on in your memories, however terrible our puns were.
With love,
Matt & Ryan**

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

Gutenberg! The Musical makes history hilarious

Fun School of Drama production provides welcome respite from pre-Carnival stress

Many School of Drama productions have somber themes and leave the audience pondering deep subjects, such as the meaning of time or humans' relationship with mortality. *Gutenberg! The Musical*, however, was a breath of fresh air. The acting, as always, was wonderful, the sets were simplistic but representative of the tone of the production, the story was creative yet easy to understand, and the dialogue was absolutely hilarious.

The musical is about Doug Simon, played by junior musical theatre major Harron Atkins, and Bud Davenport, played by junior musical theatre major Erron Crawford, two young and energetic dreamers who have written a musical about the inventor of the printing press, Johann Gutenberg. Unfortunately, they did not realize that there is, ironically, very little historical information to be found about Gutenberg. So rather than choosing a new topic, they decide to write a historical fiction musical and make up the story of how Gutenberg invented the printing press.

Bud and Doug perform the play for the audience in hopes that there may be a Broadway producer in the audience who would like to help put the show on the

big stage. However, since the ambitious writers are young and inexperienced, they do not have a cast or an orchestra, so they must play the role of every character. Both actors wore baseball hats with the name of their character written on the top so the audience could always tell who each actor was portraying. Sometimes they wore several hats at once and would take them off or put them back on to change characters. Another way they distinguished between characters was by using different accents. However, these accents didn't always make explicit sense. For example, some characters had Cockney accents, some had American accents, some were just high-pitched, etc. In addition, Bud and Doug cannot afford fancy props or sets, so everyday items such as cardboard boxes, crates, bicycle pumps, and stuffed cats were used as props.

The limited set and the two-man show, along with senior biology and music performance double major Angela Lo accompanying on the piano, made for quite a spectacle and a really funny performance.

The story itself was just as humorous, filled with characters such as the overly malicious Monk who wants to stop Gutenberg from building a printing press out of a fear that the commoners might be able to read and interpret the Bible for themselves. The Monk has a stereotypical henchman at his side, and the two wreak havoc throughout the town. The Monk adds another source of humor, especially with lines like, "What a cute cat! I think I'll name him Satan. I love Satan." Another memorable character that adds humor to the

story was Helvetica, Gutenberg's young, beautiful, bodacious assistant who pines for him and despairs over unrequited love.

Between scenes, and in place of an intermission, Bud and Doug would break character to explain what was going on to the audience and give a quick preview of what was to come next. This served the purposes of allowing them to change scenes, keep the audience on the same page, and to add even more humor in the dialogue. Also, before the show started, Bud and Doug were seen setting up the stage and arguing about where to place a line of tape on the floor. At first, it was unclear if this conversation was part of the show or if it was real, but the audience laughed listening to the banter between the two characters.

Overall, this production was very enjoyable and definitely worth the free price of admission. In a particularly high-stress time of year with lots of projects and tests piling up, *Gutenberg! The Musical* provided a happy distraction. Laughter is definitely a great form of stress relief, and this production had the audience laughing from start to finish. The songs were surprisingly catchy, the acting spot-on, the story easy to follow and understand, and the characters engaging. This show proved that a huge cast, an elaborate set, and an orchestral score are not necessary for an entertaining show, and also spoke to the power of a strong story line.

Jenna Bodnar | Assistant Pillbox Editor



McConomy Auditorium, University Center

Andie Park | Staffwriter

Frozen

Friday, April 11 — 9

Sunday, April 13 — 2:30, 5, 8

If you're one of the three people who doesn't know the lyrics to "Let It Go," it might be time to check out *Frozen*, the latest Disney animated feature film that's been taking over the world by winter storm. Elsa (Idina Menzel), princess of Arendelle, has the magical ability to create ice and snow. While it seems like a dream come true, Elsa resents herself because of the harm she bears to her younger sister, Anna (Kristin Bell). Due to Elsa's fear, she decides to isolate herself from Anna, causing a rift to grow between the two sisters. But when the entire kingdom gets cast under Elsa's ice spell, Anna teams up with mountain man Kristoff (Jonathan Groff), his reindeer Sven, and the magical snowman, Olaf (Josh Gad), to find her sister. In one of the most splendid films of the year, *Frozen* has you singing to the top of your lungs and bawling your eyes out at the same time.

Sharknado

Friday, April 11 — 12

Saturday, April 12 — 12

The movie we've all been waiting for is finally here and we are all alive to be a part of this momentous event. *Sharknado* takes adventure to an entirely new world and it's too good to be true. After a freak hurricane hits Los Angeles, man-eating sharks start attacking the city literally by storm. In a desperate attempt to save his wife, bar-owner Fin (Ian Ziering) gathers together his group of friends to face an impending tornado — of sharks. In what is definitely one of the most unexpected movies of all time, *Sharknado* manages to toss criticisms aside by making fun of itself within its own movie. It's amazingly fun and fearlessly imaginative and, if you miss it, you might regret not being able to tell your grandchildren how awesome it was to be alive during the generation of *Sharknado*.



So that’s how you met mom?

Long-running CBS series comes to disappointing end

If last Monday’s series finale of *How I Met Your Mother* proved anything, it was that the show should have ended a long time ago.

Had the beloved CBS sitcom been canceled after one, two, or even three seasons, perhaps then the ending would have made some semblance of sense. But *HIMYM* was no typical three-season flop. It was a sitcom unique in its innovative and playful relationship with style, its serialized and time-jumping format, and its fearlessness in tackling serious issues along with hijinks. Moreover, *HIMYM* was a series with nine seasons to its name that endured the marriages, pregnancies, and career fluctuations of its main cast, in addition to surviving a serious post-season seven dip in quality. Nine seasons of watching meant that *HIMYM* fans experienced nine seasons’ worth of plot advancement, character development, and emotional buildup. After all that, the *HIMYM* finale was nothing short of unacceptable. And it’s almost absurdly easy to pinpoint why.

For years, creators and head writers Carter Bays and Craig Thomas freely admitted that the finale was long-planned, the endgame set. There can be no better sign than these confident assurances that they had lost sight not only of fans’ expectations, but of what an organic and fulfilling end would entail. They failed to consider the nine years of writing that had occurred between their conception of the final scene and that scene’s unveiling. Bays and Thomas were too blinded by their idea of the perfect “full-circle” ending to realize when that ending was no longer applicable.

Almost nothing about the finale makes sense when placed in context with the rest of the show. For starters, season nine is set over the weekend of Barney and Robin’s wedding. An entire season is devoted to the marriage of a couple — considered for years to be *HIMYM*’s most popular — which the writers go on to destroy in less than ten minutes. Then, to add insult to injury, seasons of character development for Barney — tossed away along with his marriage — are reinstated with the lazy insert of sudden fatherhood. Lily, career forgotten, is reduced to a baby-making machine. Robin, career-consumed, closes off, abandoning the gang and the ex-husband who was once her best friend. Marshall is perhaps the only one who gets off unscathed, and the finale tells us practically nothing about his future that we don’t already know.

Ted, however, receives the worst treatment of all. Good-guy Ted, eternal romantic Ted, finally meets his soulmate. The Mother — whose name is revealed to be Tracy — is quirky and smart and perfect for Ted in pretty much every conceivable way. They meet at a train station, and it’s the one truly beautiful moment amidst a sea of suck. In that moment, and during Ted’s closing speech about how he loved Tracy with all that he had for as long as they had, it is doubtful there was a dry eye in front of screens across America.

But then it got bad. Viewers had been speculating for months about the Mother’s death, so the confirmation was hardly shocking. However, only the wildest, densest speculators could have guessed at the stunt the writers pulled next. After years of on-again, off-again, not over it, over it, and a season spent making viewers fall in love with Tracy, it turns out that the Mother was just one final obstacle in the way of Ted and Robin.

The final scene — filmed in 2006, before the kids could get old — is jarring and irreverent. Ted’s tale of “How I Met Your Mother” is really just an elaborate ploy to convince his kids to give him the green light to chase Robin once again. “Seriously Dad,” the kids seem to whine, “stop blabbering on about our dead mother and go hook up with Aunt Robin already. We all know that’s what you really want.”

Is it, though? Is there a single fan who thought, after all this time, that Ted and Robin were genuinely meant to be together? That the Mother was just a gimmick, one more plot twist at the eleventh hour to make the final scene of the last episode echo the final scene of the first? Judging from the fan and critic outrage that has met the *HIMYM* finale, it’s hard to believe that anyone wanted this.

What message are we to take from *HIMYM* now? That no matter how long you wait, how much you try, and how deeply you love, friendships fade, loved ones die, and good things never last? If that’s the truth of living, no one is going to be watching what was meant to be a light-hearted sitcom to learn it.

Fans came to *How I Met Your Mother* and stuck with it for so long on the promise of a show celebrating friendship, love, and life. The finale felt like a grievous betrayal of that promise, and fans are left with a bitter taste in their mouths.

Ariel Hoffmaier | Forum Editor

Paperhouse

On Carnival Concerts

I am so underwhelmed and unsurprised by the choice to have Mac Miller and Icona Pop play at Carnival this year, I can barely get riled up enough to share my opinion.

But this is music, and The Tartan is giving me my very own soapbox, so, why don't I?

I don't know a lot about Mac Miller, I admit. All I know is that he is a rapper, and he is from Pittsburgh. That's it. I know someone who saw him in Squirrel Hill once, and everyone was very excited about it.

Despite my limited knowledge of Mac Miller, I do at least know everything there is to know about Icona Pop: that one song from *Girls*. Seriously, I'll go see Icona Pop just to watch the change in the crowd from bored and uninterested to foamy-mouthed fans when they play that one song.

I can think of a ton of artists I would have been jazzed to see at Carnival. First of all, Danny Brown would have been killer. I know we like to pick rappers for this, so lets get an awesome one, right? *Old* was such a good album, and I think it came out recently enough to be relevant. Plus he has a song featuring Charli XCX as well, so people wouldn't miss that Icona Pop song too much.

But if we wanted to break the monotony of rap, I'd be down to see Empire of the Sun as well. They're a crowd-pleaser, like MGMT, except they never released an album as personally disappointing as *Congratulations* was. Plus, they have this crazy glamrock, king-of-Neptune thing going on. I bet it would be fun as hell to watch.

I'm not pleased with the concert choice, but that's okay. That's not really all that Carnival is about. It's about people waking up way too early for Buggy, and professors canceling class on Wednesday because “none of you would come anyway.” It's about not having to do homework! And, in my case, it's about escaping briefly to Morgantown to see Tobaxxo and The Hood Internet, which is going to be gnarly, in the best sense of the word.

Josephine Sullivan | Special to The Tartan

SPIRIT Fashion Show goes beneath the fabric

Prima Facie tackles social issues such as discrimination, violence, and struggle for freedom

Saturday night saw Rangos Hall in the University Center transformed from a dull and unassuming space into an electrifying celebration of culture, beauty, fashion, and art thanks to the 2014 SPIRIT Fashion Show. Going beyond the typical fashion show format to combine all forms of performance, the show was more than a showcase of clothing, but rather a statement on numerous social issues related to discrimination and the lingering feelings of hatred that course through the blood of America.

The theme for the 2014 SPIRIT Fashion Show was “Prima Facie,” Latin for “at a first glance,” and guided the show’s discussion of discrimination. As described in the program, “Image is powerful and complicated, and we want to show the community just how complicated it can actually be. Our show will demonstrate the power of someone’s first impression.” Indeed, the show’s four acts were divided into four sections, each dealing with a specific theme: “Sexuality” touched on the struggle for gay rights and acceptance, “Women” railed against unnatural standards of beauty and disregarding strong female behavior as “b****y”, “Black Men” dug deep into racial discrimination and violence, and “United States of America,” the first act of the show, served as an introduction to the evening by briefly mentioning all three aforementioned themes.

What sets the SPIRIT Fashion Show apart from other events, such as Lunar Gala, is the fact that its much more than simply a showcase of clothing. Throughout



Abhinav Gautam | Staff Photographer



Abhinav Gautam | Staff Photographer

Top: Senior musical theatre major Tsilala Graham models in front of the Prima Facie logo.
Bottom left: Senior materials science and engineering major Roger Romero plays saxophone.
Bottom right: Senior english and civil and environmental engineering double major Ibironke Ogunye.

the night, there were numerous performances — spoken, sung, and danced — that made “Prima Facie” more of an artistic statement than a mere runway. Poems performed by junior acting major Mitchell Edwards (who also wrote a number of them himself), senior dramaturgy major Alesia Etinoff, and junior psychology major Nkem Chikwendu gave each section a narrative voice, with music and dance performances also serving to highlight the themes. Junior musical theatre major Jean Floradin’s defiant dance performance to Bon Iver’s “Lost in the Woods,” which provided the close to “Sexuality,” was especially powerful in its representation of the spirit of the night.

The fashions of “Prima Facie” kept in line with the sections in which they were placed. For example, “Human,” a collection by Sammi and Company that was included in the “Women” section, strives to “remind everyone that no matter who we are and what we wear, we should be treated and judged like humans, and not just as a trend.” Many of the collections showcased in “Black Men” were influenced by urban streetwear and, in keeping with the section’s character, some drew inspiration from figures who fought against repression. “Versus,” for example, included sweatshirts and T-shirts that bore the images of everyone from the Notorious B.I.G. to Malcolm X and Maya Angelou.

“Prima Facie” was a tremendous effort that transcended usual fashion show fare to become a statement on

incredibly important issues of social justice and equality. Rather than celebrating perfection, “Prima Facie” chose to rail against it and celebrate beauty and triumph in its most true forms. And as an added bonus, the proceeds went to fund the Visionary Performing Arts Academy in downtown Pittsburgh.

Joey Peiser | Pillbox Editor



Abhinav Gautam | Staff Photographer





Jonathan Leung | Photo Editor



Abhinav Gautam | Staff Photographer



Jonathan Leung | Photo Editor



Abhinav Gautam | Staff Photographer



Jonathan Leung | Photo Editor



Jonathan Leung | Photo Editor



Jonathan Leung | Photo Editor



Jonathan Leung | Photo Editor

Left to right, top to bottom:

Junior musical theatre major Jean Floradin, Ana Taylor, sophomore visual art major Alex Walker, sophomore economics major Jobert Sauray, first-year undeclared Mellon College of Science student Lynzky Deleon, junior acting major Mitchell Edwards, senior civil and environmental engineering and engineering and public policy double major Esther Urena, Sharifa Garvey

Carnival 2014: The Best of the Best Midway Map and Booth Guide

Alpha Chi Omega	Iconic Movie Moments
Alpha Epsilon Pi	The Simpsons
Alpha Phi	Monster's Inc.
Asian Student Association	Charlie and the Chocolate Factory
Astronomy Club	Wallace and Gromit: Gentlemen Prefer Moon Cheese
Delta Delta Delta	St. Jude
Delta Gamma	Despicable Me
Delta Tau Delta	Coney Island
Delta Upsilon	Portal
Fringe	Pittsburgh: The Best City in the World
Kappa Alpha Theta	Pirates of the Carribean
KGB	The Magic School Bus
Kappa Kappa Gamma	Wreck-It Ralph
Math Club	To Infinity and Beyond
Mayur	Avatar: The Last Airbender
Mellon College of Science	Batman
Mudge	Mudge Mansion
Phi Delta Theta	The Olympics
Sigma Alpha Epsilon	The Karate Kid
Sigma Phi Epsilon	Lord of the Rings
Singapore Student Association	Secret Agent Training School
Spirit	Pokémon
Stuent Dormitory Council	Games Through the Ages
Taiwanese Student Association	Miyazaki Films



Map Courtesy of:
Albina Kwak | Junior Artist
Maegha Singh | Junior Artist
Eunice Oh | Staff Artist

Brief history of Carnival

1915	Qualification Day, which heralds acceptance of first years as full Carnegie Men, is established.
1920	First ever Campus Week, including a live circus. Sweepstakes is established and the Carnival buggy races begin. The Campus Queen tradition is established.
1930	“Spring Carnival” is established, following a long series of discussions after Campus Week is abandoned in 1928. Float Parade and Canoe Tilt traditions are established.
1949	Alpha Phi Omega begins selling concessions on the Midway.
1954	Float Parade tradition is turned into competitive booth.
1960	Carnival moves out of its historic home on the Cut and into the Skibo Parking lot.
1969	Sorority booth category is added.
1970's	In a big decade for women's rights, the Campus Queen tradition is abolished and a women's Sweepstakes category is established. Carnival also shifts focus to be more entertainment-based with the establishment of the Activities Board.
1976	Independent organization booth category is added.
1981	Victor, the 651-pound bear who drinks 7-Up, comes to Carnival and wrestles five fraternity men. All participants lose to Victor.
1995	Mobot competition is established, Carnival moves to Morewood Gardens parking lot.
2014	Carnival celebrates its 100th anniversary. With the announcement of the Tepper Quadrangle to be built over the Morewood Gardens parking lot, Carnival is set to move over to the College of Fine Arts parking lot in 2015.
Joey Peiser Pillbox Editor	

Want to joust this Carnival?

A look at a few Carnival traditions that are making a return

As the 100th annual Carnival arrives with a bang, many on campus are looking back into the history of the legendary event. The Spring Carnival Committee, headed by senior statistics major Emily Hrin and senior lighting design major Jackson Gallagher, in particular is bringing back an assortment of historical traditions from the early years of Carnival.

In researching the history of Carnival, which is recognized by most Carnegie Mellon students as the best weekend of the academic year, Gallagher became interested in the traditions of years past. The two that piqued his interest were plank jousting and the class chain tradition.

Plank Jousting

Plank jousting was a large part of Carnival from 1947 to the early 1980s. It involves laying a plank of wood across a pit of mud, and then having teams of about five people hit each other with pillows while balancing on the plank. The goal is to knock the opposing team into the mud below. According to Gallagher, the mud pit for the event will be created in the grassy area near the path by WOED off the Morewood parking lot. Teams can sign up to participate on the spot, with no preregistration needed, and hopefully for free, if feasible. If enough teams sign up for the event, the committee plans to have a tournament.

Class Chain

The second tradition that the Committee plans to revive is the class chain.

From the years 1914–1942, each class forged a link of a chain and then stamped it with their class year. When World War I started, however, the tradition was discontinued. This year, the chain will come out of the archives, where it has been stored for years, and, after nearly 70 years, be added to once again.

Not only will the class of 2014 be adding a link to the chain, but the Carnival Committee will also be sponsoring the forging of links for every missing class as well.

“Emily and I will be stamping our year into the chain,” Gallagher said. Alumni from every year have been invited back and will hopefully be available to stamp their year into the chain. Gallagher and Hrin hope that this tradition that will continue into future years as well.

“We’ve also arranged a ‘history of Carnival’ museum-type exhibit that will be open during UC operation hours containing memorabilia from Carnivals past,” said Hrin.

At the 100-year landmark, Carnival is thriving, and students should take this opportunity to revisit the history of the event while enjoying it for themselves.

Laura Scherb | Operations Manager

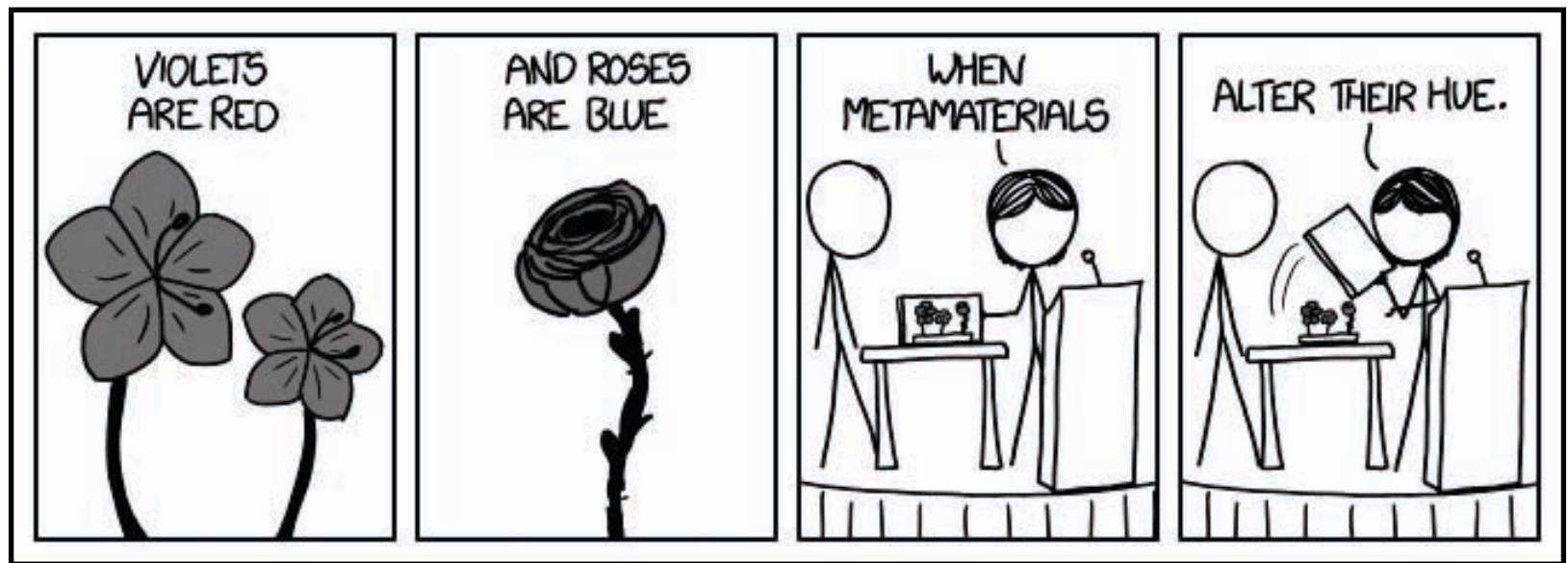
More Carnival Events: Old and New

The Pittsburgh City Council has officially declared April 10, 2014 to be forever known as “Carnival 100 Day.”

On Thursday, Friday, and Saturday, between 4 and 9 p.m., the Carnegie Mellon Police Department will be holding a “Dunk-a-Cop” event on the Midway to benefit the Special Olympics of Pennsylvania.

Hypnotist Paul Ramsay will be performing in the Main Tent on Saturday at 8 p.m. Ramsay’s performance uses interactive polling technology to essentially crowd-source the hypnotism and allow the audience to choose what the hypnotized person will do.

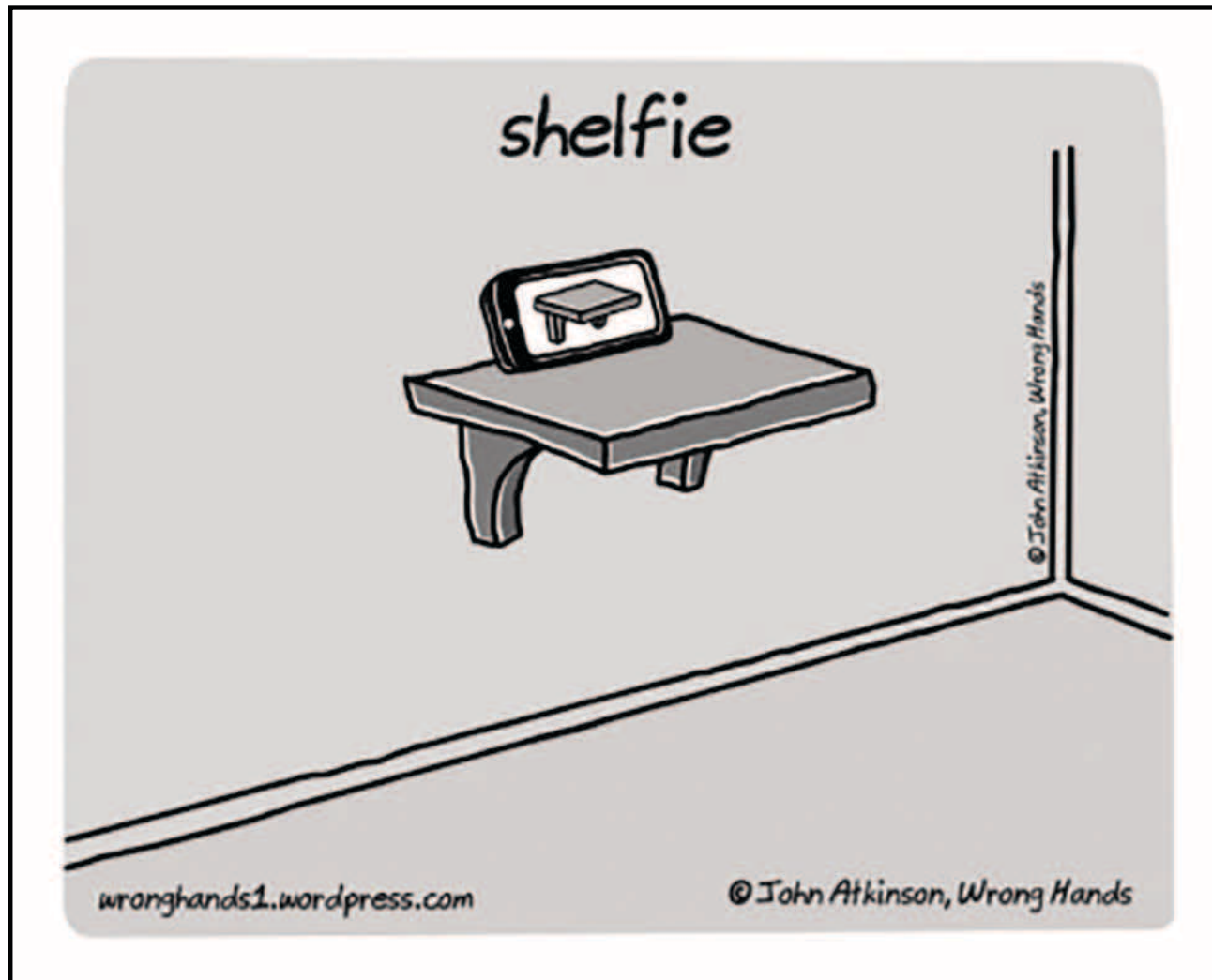




press@xkcd.com

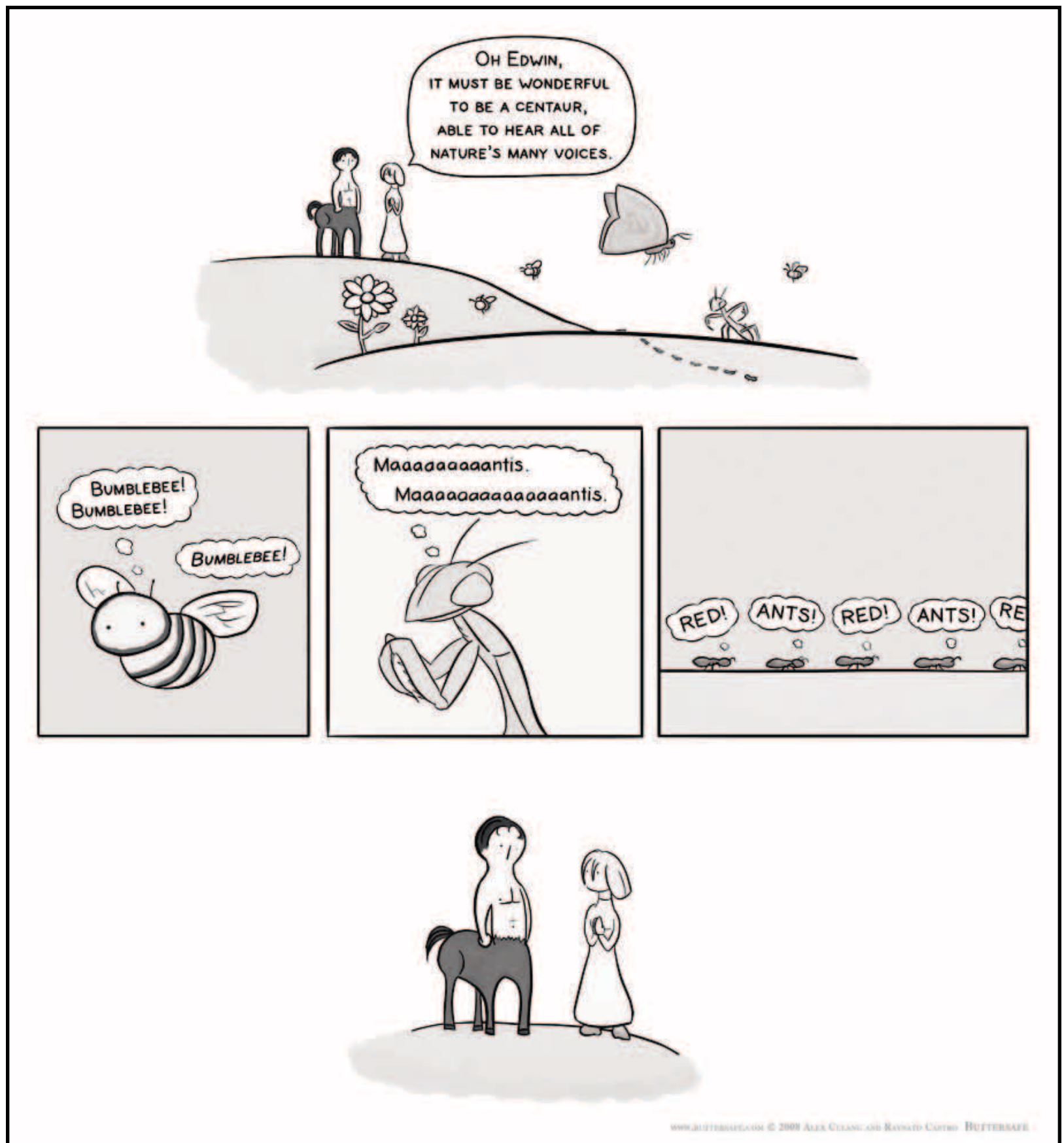
xkcd.com

Selfie by John Atkinson



wronghands1@gmail.com

wronghands1.wordpress.com/about

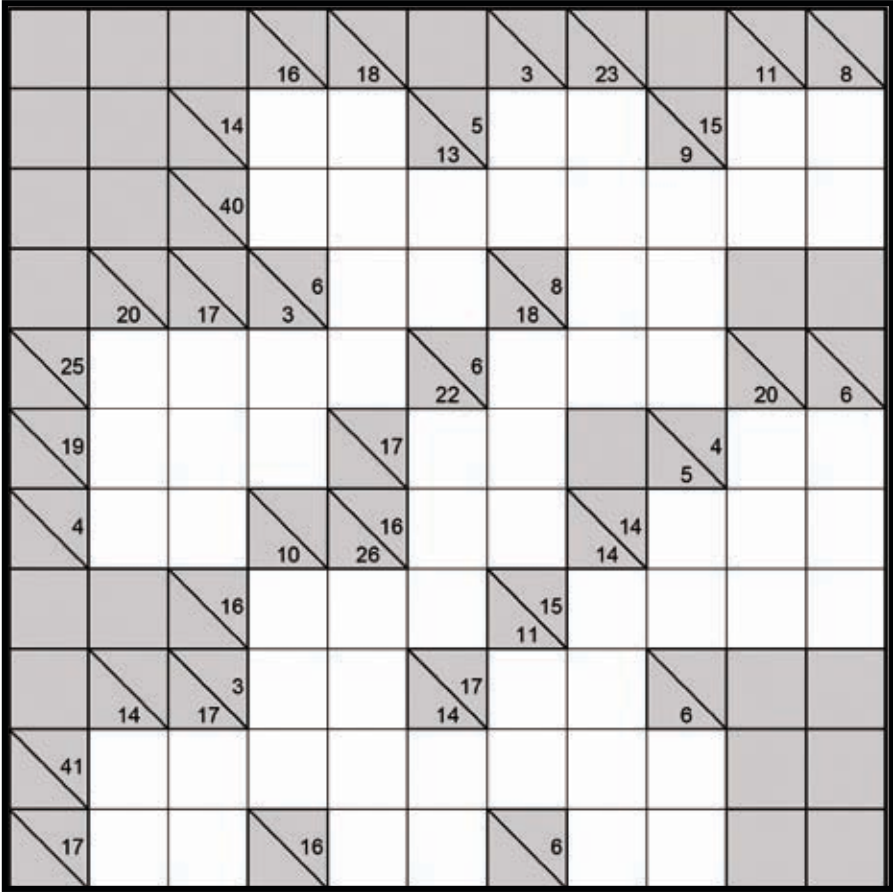


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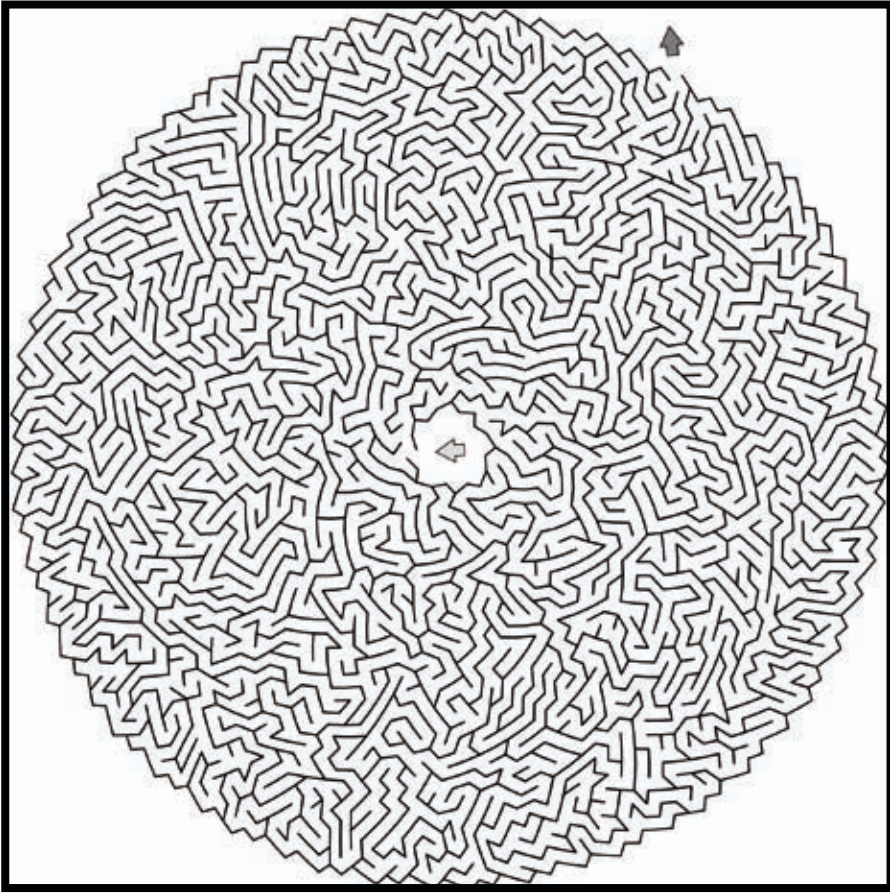
Kakuro Puzzle: Tough Difficulty



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.

Maze Puzzle: Tough Difficulty



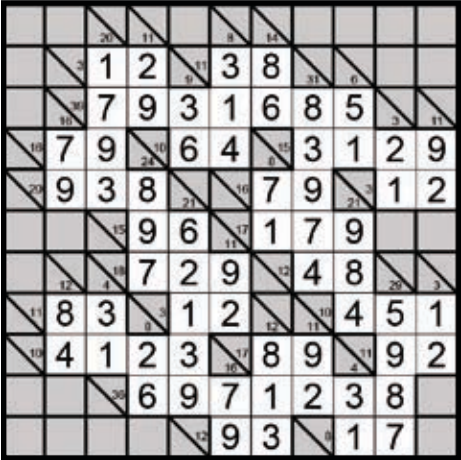
Maze courtesy of www.krazydad.com

Start from the middle arrow of the maze and find your way out the maze.

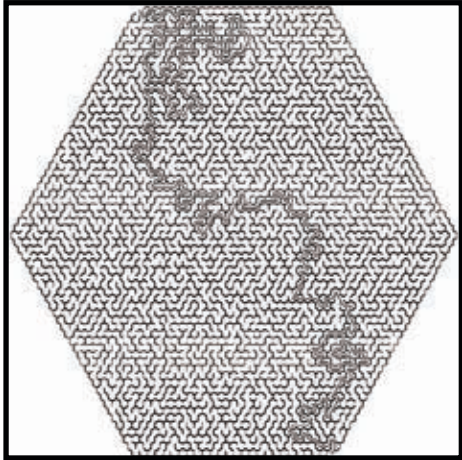
Solutions from March 31



Crossword



Tough Difficulty



Tough Difficulty

Horoscopes

aries

march 21–april 19

Today is a relaxing day, provided you make the necessary effort to deal with material constraints. You would like nothing more than to plan fun activities for the future.

taurus

april 20–may 20

There's a lot on your mind today. Over the last few weeks, you've analyzed your relationships and now new people with attractive qualities are tempting you to make a change. Is this a good time to accept the upheaval such changes would create?

gemini

may 21–june 21

The past few days have been quite serious, but today you awaken with a light heart and boundless energy. Your capacity for charm will be at its peak. People at work will yield to your wishes today.

cancer

june 22–july 22

You could be feeling a little overwhelmed and overworked. Perhaps the demands of your professional life are weighing heavily on your mind. Don't worry; these feelings will pass.

leo

july 23–aug. 22

Are you feeling grumpy lately? Don't worry, because your bad mood won't last. This attitude is unlike you. Your co-workers notice the change in your personality, but still treat you with consideration and respect.

virgo

aug. 23–sept. 22

You have to work hard to achieve your purpose. Every day, it's as if you carry around an overstuffed sandbag. This would be a good day to identify the source of this trouble.

libra

sept. 23–oct. 22

You may have an urge to invent new things. You feel compelled to create something in the technical, artistic, or philosophical field. If only you'd given yourself enough time to pursue these ideas. Maybe today is the day to recognize them.

scorpio

oct. 23–nov. 21

Generally, you come up with a perfect, witty answer one day too late. Impulse and intuition take a back seat to your great self-control. Today, you will be presented with an opportunity to let go of those constraints.

sagittarius

nov. 22–dec. 21

Today, you'll be inspired to revamp your role models and lighten your workload. Equality in the home is just as important as equality in the workplace.

capricorn

dec. 22–jan. 19

There is some likelihood of a slight career conflict. You might have to deal with a comrade who steps on your toes and takes advantage of your gentle nature to push you around. Defend yourself with your favorite weapons: silence, laughter, and perspective.

aquarius

jan. 20–feb. 18

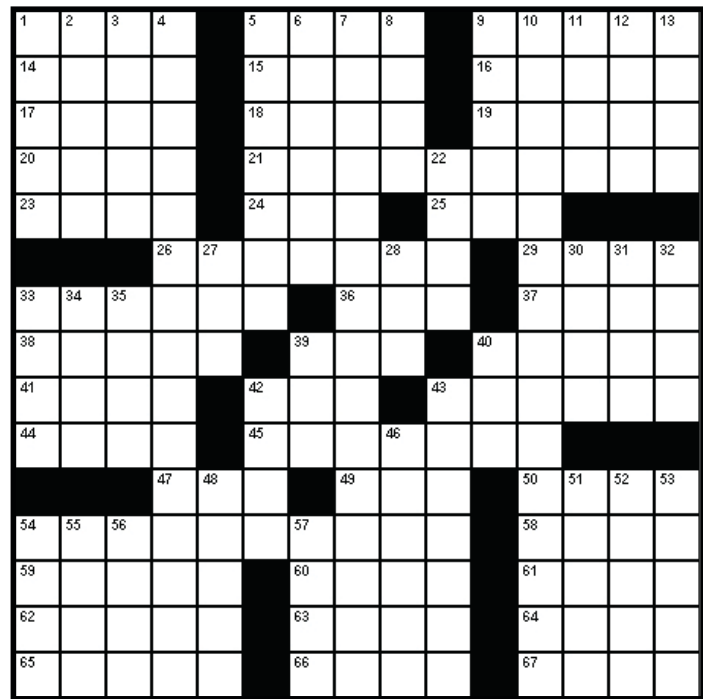
Don't fret about your appearance today. You've been questioning the way you act and dress lately, and those fears should be relinquished. Don't use your judgment to hurt yourself.

pisces

feb. 19–march 20

Take this day to think about your private life; be particularly sensitive to all kinds of demands from those closest to you. You have the power to create greater harmony at home and in your relationship.

Maryyann Landlord | Comics Editor



Crossword courtesy of *BestCrosswords.com*

ACROSS

- After-bath powder
- Hgt.
- Horne and Olin
- Golfer Aoki
- Sumptuousness
- Are
- Calf-length skirt
- Dog star
- High-strung
- First place?
- Legislative assembly
- Bears' lairs
- Musical style with similarities to reggae
- Indy 500 sponsor
- Molasses
- "Damn Yankees" role
- Takes by theft
- Abu Dhabi's fed.
- Ticks off
- Ages
- Sis's sib
- ____ worse than death
- Philosopher Immanuel
- Average
- In the thick of
- "Born Free" lion
- Controversial
- A Bobbsey twin
- Animation unit
- Plays are divided up into these
- Writings
- Precisely
- "Silas Marner" author
- Olive genus
- Not ____ many words
- Nasal cavity
- Makes brown
- "Beetle Bailey" dog
- Impudent
- Part of Q.E.D.
- Requirement

DOWN

- Measured with a watch
- Digression
- Burdened
- At the same time
- Goes by
- Capital of Zambia
- Like afterschool activities
- Meat dish
- Sic on
- Typical instance
- Baseball team
- Org.
- Editor's mark
- Words of comprehension
- "Treasure Island" monogram
- Philosopher ____-tzu
- Toward the mouth
- Permits
- I'd hate to break up ____
- Japanese rice wine
- Blue hue
- Ages and ages
- Place for ordering alcoholic drinks
- Bordeaux buddy
- Clinton cabinet member Federico
- In any case
- Sister of Venus
- Bohemian
- Fable
- Flavor
- Rose
- Not so much
- Hip bones
- Sardine containers
- Carry



MONDAY 4.7.14

Now Is The Month of Pinging. Great Hall, CFA. 6:30 p.m.

This performance by the Ping madrigal choir will feature world premieres of works by Carnegie Mellon master's student in music composition Evan Jay Williams, first-year Bachelor of Science and Arts student in music composition and physics David Last, and a work written by Ping member Sean Salamon, a senior music composition major. Admission is free.

Erin Yanacek, Trumpet. Kresge Theatre, CFA. 8 p.m. Master's student in trumpet performance Erin Yanacek will perform Tomasi's *Concerto for Trumpet* as well as Bernstein's *Rondo for Lify*, as well as pieces that combine her trumpet with electronic music. Admission is free.

TUESDAY 4.8.14

Alec Chien, Piano. Kresge Theatre, CFA. 8 p.m. School of Music faculty adjunct professor Alec Chien will perform works of Schubert and Chopin. Admission is free.

THURSDAY 4.10.14

Kiltie Band Concert. Midway Tent. 3:30 p.m.

Steam Roller Printing. CFA Parking Lot.

10 a.m. to 5 p.m.

School of Art adjunct assistant professor Matt Forrest and School of Design associate professor Dylan Vitone will be producing large prints in the parking lot all day.

Tig Notaro and Hannibal Buress. Midway Tent. 8 p.m.

Notaro, an acclaimed comedian who has had her work praised by such comic heavyweights as Louis C.K. and Sarah Silverman, and Buress, who previously worked as a writer on *Saturday Night Live* and *30 Rock* and has had

his stand-up featured on Comedy Central and multiple late night programs, will be bringing laughter to the Midway Tent. Admission is free.

The 25th Annual Putnam County Spelling Bee.

Rangos Hall. 8 p.m.

Scotch'n'Soda presents this hilarious musical comedy about a group of abnormal kids fighting to be crowned the winner of their local spelling bee. Showtimes continue on Friday at 2 and 11 p.m., and Saturday at 2 and 6 p.m. Tickets are \$5 for students and \$10 for non-students.

FRIDAY 4.11.14

Game Creation Society Arcade. 4th Floor Atrium, Gates Center. 12 p.m.

The Game Creation Society will be showcasing the highlights from student game development that attendees can play. This event will also occur on Saturday at the same time and place.

Mac Miller and Icona Pop. CFA Lawn. 7:30 p.m.

There's a party on Forbes Ave, tell me if you want to go. Squirrel Hill native Mac Miller will be performing on the CFA Lawn, along with the duo that gave us "I Love It" last summer, Icona Pop. In the event of rain, the concert will be held in Wiegand Gymnasium and pre-obtained tickets will be required.

Spring Carnival Fireworks. CFA Lawn. 10:30 p.m.

End Carnegie Mellon Spring Carnival like a day at Walt Disney World — with beautiful fireworks that light up the sky, as well as a killer foot pain and desire to sleep for days.

SATURDAY 4.12.14

Talk Color to Me. Flagstaff Hill. Noon.

Celebrate Holi, the Hindu festival of color that commemorates the advent of Spring by throwing vibrantly

colored powder. Tickets are \$8 a person, with powder packets available for \$1, and can be purchased at the OM table before Spring Carnival.

Shot for Shot Student Film Festival. McConomy Auditorium. 7:30 p.m.

Shot for Shot is a showcase of film and video work from students up to the graduate level in the Pittsburgh area, organized by the Carnegie Mellon Filmmaking Club. This event is free and open to the public. A list of films can be found at cmufilmclub.com/shot-for-shot-film-festival.

ONGOING

Lossless. Miller Gallery. Through April 20.

This exhibition of Carnegie Mellon School of Art master of fine arts candidates features large-scale installations, video, and generative sound art by artists Carl Bajandas, Oreen Cohen, and Yun Mi Her. Admission is free and open to the public.

RACE: Are We So Different? Carnegie Museum of Natural History. Through Oct. 27.

This exhibit explores the experience of living with race in America, using interactive multimedia components, photographs, iconic objects, and historical artifacts.

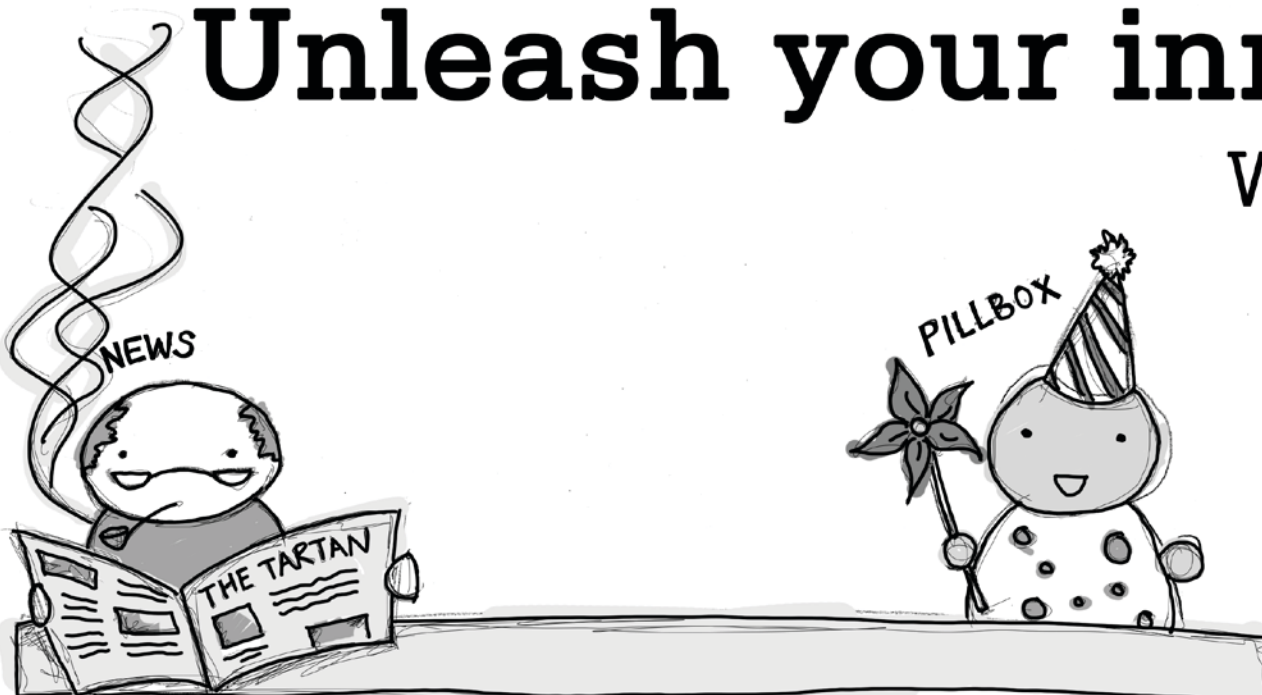
Rhythm and Bulbs. Phipps Conservatory. Through April 20.

This year's spring flower show combines music with Phipps' collection of exotic flowers and garden designs. From one room to the next, music genres switch from swing and big band to rock.

Compiled by **Joey Peiser** | Pillbox Editor

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3-D chalk art



Alan Vee | Staff Photographer



Alan Vee | Staff Photographer



Jonathan Leung | Photo Editor

Just in time to usher in the warm weather, acclaimed street painters Benjamin Hummel and Cherish Flieder transformed the University Center Merson Courtyard into a colorful work of art over a 24-hour period last Monday through Tuesday. The work was sponsored by the Activities Board, and encouraged students to get out and spend some time outside.

