



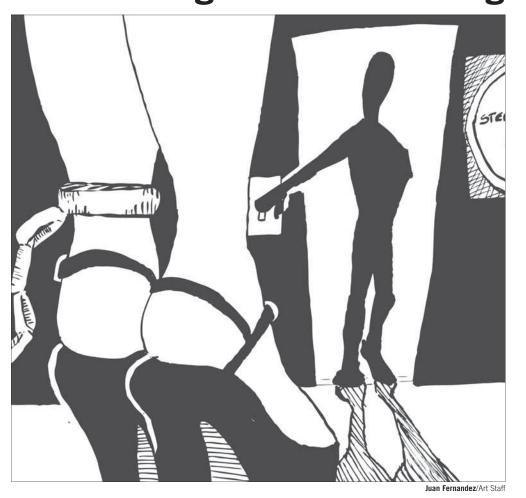
SPRING CARNIVAL IS HERE

Complete schedule of events, calendar, and map of Midway [C8–9] Reunion Weekend 2011 brings back highlights from past years [Section B]



Monday, April 11, 2011 Carnegie Mellon's student newspaper since 1906 Volume 105, Issue 24

Students fight sex trafficking



SARAH ZAKRAJSEK

Personnel Manager

At this very moment there are at least 30 million humans being trafficked around in the world — more than during the height of the trans-Atlantic slave trade, according to the Not For Sale Campaign. An average slave in the American South in 1850 cost the equivalent of \$40,000 in today's money; today a sex slave costs an average of \$90, according to the Free the Slaves

While most human sex slaves are sold in South Asian countries like India, Pakistan, Bangladesh, and Nepal, the impact of modern slavery is not felt only overseas. According to a conservative estimate by the U.S. government, between 14,500 and 17,500 human slaves are trafficked into the United States per year; the National Center for Missing & Exploited Children estimates that at least 100,000 American minors are the victims of

commercial sexual trafficking and prostitution each year.

This semester a group of Carnegie Mellon students has gathered evidence that suggests sex slaves are being exploited in Pittsburgh. The students have approached Pittsburgh City Council asking for a new city ordinance that could regulate one major form of human trafficking in Pittsburgh out of business. The Polaris Project defines

See TRAFFICKING, A3

The New York Times offers fee discounts

JACKSON LANE

Staffwriter

In an attempt to adapt to a growing online market, The New York Times newspaper is now requiring users pay for subscriptions for unlimited access to online articles at nytimes.com while simultaneously offering students and faculty members at certain universities a 50 percent discount on subscriptions.

As of last Saturday, Carnegie Mellon students can have unlimited access to The New York Times' website for \$1.88 per week, billed at \$7.50 every four weeks. Students who do not purchase digital subscriptions can still access up to 20 articles per month for

"According to a semiannual study of national newspaper readership by the Student Monitor, the Times reaches nearly one in five (18%) U.S. college students during a typical week, which is a much larger percentage than any other American newspaper. It also found that NYTimes. com reaches better than one in five (22%) college students in a typical week," said Carnegie Mellon Vice President of Corporate Communications Eileen Murphy via e-mail.

Coincidentally, 85 percent of the undergraduate voters (comprising 20 percent of Carnegie Mellon undergraduates) voted last week to continue Carnegie Mellon's Collegiate Readership Program, which gives students access

to a variety of print newspapers, including The New York Times. The program is paid for out of the \$5-per-semester media fee.

The New York Times is offering discounts to Carnegie Mellon students and faculty because the university purchases a qualifying amount of hard copies for its college readership program.

"The New York Times has a longstanding tradition of offering educational discounts and working with colleges and universities on utilization of The Times in their teaching," Murphy said. "Offering discounted digital subscription rates to students and others at these colleges and universities is a natural outgrowth of that program."

However, there are some who predict that only a few students will take advantage of the discount.

"They've likely already figured out a way to bypass the protections that The Times has put up," said adjunct assistant professor of English Tom O'Boyle.

In addition to The New York Times giving certain leniencies to articles accessed through search engines like Google, students can also access for free the most recent issue of The New York Times through Hunt Library's online articles database.

However, O'Boyle believes that few students will even reach the 20 article limit,

See SUBSCRIPTIONS, A3

Group gives students service opportunities

MEERA LAKHAVANI

Junior Staffwriter

mitory and a resident of Beeler Street, is heavily involved with a rising group, the Beeler Street Association. The main goals of the group are to increase safety on the street, unify the residents, and relieve tension between those who live on Beeler and those who host parties on it.

"The Beeler Street Association is an opening for residents and students to talk.... We want to enable them to have more positive interactions with each other," explained Chickering. "The forum used to be tighter; we are trying to take it back to bring residents and students

Staff members further ex-David Chickering, house- tend their efforts by taking such as going door-to-door with Carnegie Mellon Police to talk with residents.

This objective is important to the university, Chickering said. "There is a delicate balance for university students and [permanent] residents. Carnegie Mellon students need to represent Carnegie Mellon well."

Many students agree with this stance and support Chickering's intentions. Mohit Moondra, a junior dual math and economics major who resides on Beeler, said, "It is important for students and non-college residents to

"There is a delicate balance for university students and [permanent] residents. Carnegie Mellon students need to represent Carnegie Mellon well."

> — David Chickering Mudge House housefellow and Beeler Street resident

the way it was before."

Meetings for the association are held periodically throughout the academic year, with discussions about street expectations, traffic, pedestrian safety, vandalism, and destructive behavior on the street.

The group is promoting a dialogue between all key stakeholders. City representatives often attend meetings to address traffic and pedestrian safety issues, as well as housing codes. Staff members from the university's Student Life Office participate to understand neighborhood concerns and to help

get along and have mutual understanding and respect for each other. There definitely needs to be more interactions between them."

However, Chickering said, "Communication is complicated because it is challenging to account for all students. We try to use flyers and mailing lists to the extent possible though."

This struggle in communication leaves room for improvement in the group's efforts as some student residents feel out of the loop. "If such an association is really

See BEELER, A3

Continued Japan relief efforts color campus

SAAKSHI GUPTA Junior Staffwriter

More than three weeks have passed since Japan was struck by an earthquake and tsunami that also started an ongoing nuclear crisis. However, to exacerbate the country's problems, a series of small earthquakes of various magnitudes have since erupted in Japan. The impact of the first quake and following tsunamis was massive, razing homes to the ground and killing thousands of citizens.

Presently, Japan is in need of tremendous support and aid from the world. Carnegie Mellon students have already begun making efforts to aid the country. Student organizations have been raising money in several novel, yet successful ways.

The International Student Union (ISU) organized a series of soccer matches at Gesling Stadium to gather funds for the Japan disaster at the beginning of the month. Puja Agarwal, a sophomore information systems and humancomputer interaction major, spoke about the idea behind the fundraiser, as well as the reaction and support the ISU received from students. Agarwal, along with the rest of the ISU board, put up posters across dorms and academic buildings announcing the soccer matches. The posters read, "Are you a fan? Come show your madness — Support Japan."

The fundraiser involved having as many teams participate as possible, with each team consisting of seven to nine players. Every player on the participating teams contributed \$45.

"We knew that everyone enjoyed soccer, and we thought that this would be a fun way to raise money," Agarwal said. Six teams came out to play, accompanied by many viewers. In addition to hosting the matches, the ISU board sold popcorn to the bystanders and those enjoying



Students spray their hair outside of Doherty to show support for Japan.

"We kept the rules pretty simple. Teams competed one by one against each other in set groups, and the winners of each match went forward to the next match, against another winning team," said Agarwal. It was clear that both the participants and organizers kept donations as the priority, giving less importance to who would be the referees or who the ultimate winner would be. Agarwal claimed that "the best part of the event was seeing the crowd and teams play on a Friday night for this

The money raised by ISU will go to Carnegie Mellon's Japanese Student Association; the money raised collectively by the two organizations will then be dispatched to Japan.

The student body was not the only group that came out to support Japan. Faculty members, staff, and administrators also showed their sympathy and support, with professors holding events and donating money. Professor William C. Messner from the department of mechanical engineering announced that he would donate money for every student who got his or her hair spray-dyed at the campus event "Different Color Hair Day."

Last Wednesday, mechaniengineering students tabled outside Wean and Doherty Hall with hair sprays in various colors — from hot pink to neon green to sparkling silver. Depending on the number of participants who got their hair colored and signed a sheet, Messner donated up to \$2 toward tsunami relief on behalf of each participant. The event had many students standing in line to get their hair sprayed, showing the students' unity in support for Japan. Students

Krystina Teoh and Guillermo Gomez, senior and junior mechanical engineering majors, respectively tabled outside Doherty Hall and convinced many reluctant students to get their hair sprayed, assuring them that the colors were not

"Messner holds an event of this kind nearly every year, except that last time it was for Haiti," Teoh said.

Carnegie Mellon's dining halls have set up boxes asking students to donate their spare change for earthquake relief.

Joshua Yee, a first-year mechanical engineering major who got his hair sprayed during Messner's event, was extremely pleased with Carnegie Mellon's efforts to raise money for Japan. "A lot of student organizations are holding events and collecting money to support Japan," he said. "I sincerely hope that these efforts continue.'

Statistically Speaking

Spring Carnival is here, and the campus is anxiously awaiting a four-day weekend. Carnival is a time of rides. games, Buggy, Booth, deep frying foods, and other traditional events. Let's look at some facts about Spring Carnival's beloved traditions:

top-recorded speed of a Buggy in miles per hour

completion time, in seconds

years that buggy has been a campus event

the year Booth became competitive

Sources: www.cmubuggy.org, cmu.edu

Compiled by **EMILY DOBLER**

ecture Preview

Bill Shore Lecture

Tuesday, April 12 at noon Hamburg Hall 1000

Pittsburgh native Bill Shore will discuss his newest book, The Imaginations of Unreasonable Men: Inspiration, Vision, and Purpose in the Quest to End Malaria.

Shore is the founder of Share Our Strength, a nonprofit organization seeking to end childhood hunger in America.

He has served on several senatorial and presidential campaign staffs and has served as chief of staff to former U.S. Senator Robert Kerrey (D-Neb.). He is a former adjunct professor at New York University's Stern School of Business.

In 2005, Shore was named one of America's Best Leaders by U.S. News & World Report.

Rayvon Fouché Lecture

Wednesday, April 13 at 4 p.m. Newell-Simon Hall 1305

Rayvon Fouché will speak on "Merckx and the Machine: Governing Bodies, Banned Technologies, and the Future of Sport."

Eddy Merckx set the record for longest distance bicycled in an hour in 1972, on a standard bicvcle. Years later, his record would be broken on a non-traditional bicycle, specifically developed to assist in such a feat. But in 1996, all records since Merckx's were wiped, and it was required that recordseekers make their attempts on traditional bicycles.

Fouché will discuss the governing bodies in sports have reacted to technologies that enhance athletes' accomplishments.

Fouché is an associate professor of history and research associate professor of the Information Trust Institute of the University of Illinois, Urbana-Champaign. His work explores the intersections of cultural representation, racial identification, and technological use.

AB Lectures Presents: Dan Savage

Wednesday, April 13 at 8 p.m. McConomy Auditorium, University Center

Dan Savage will be answering questions, signing autographs, and speaking on his new book, It Gets Better: Coming Out, Overcoming Bullying, and Creating a Life Worth Living. Savage is the author of the "Savage Love" sex column.

More recently, he has become known for starting the "It Gets Better" project on YouTube, which asks people to upload videos about their positive experiences in the LGBT community, in an attempt to help young people who are bullied for their sexual identity.

Teruko Yata Memorial Lecture: William **Swartout**

Thursday, April 14 at 3:30 p.m. Hillman Center 4401

William Swartout will deliver a lecture titled, "What Have We Learned From Virtual Humans?'

Swartout will discuss the computer-generated characters that have been built at the University of Southern California (USC) Institute for Creative Technologies.

The ultimate goal of Swartout's work is to create virtual humans which look and behave like real people, using artificial intelligence strategies such as computer vision, natural language understanding, and emotional modeling.

Swartout will speak on the overlap between those strategies and the possible future of virtual humans.

Swartout is the director of technology for the Institute for Creative Technologies and a research professor of computer science at USC.

> Compiled by MADELYN GLYMOUR

CAMPUS NEWS IN BRIEF

CAUSE group hosts its first conference on black power

world gathered to discuss their cutting-edge research in transnational African-American history at the "Black Power Beyond Borders" conference. The event was hosted by Carnegie Mellon's Center for African-American Urban Studies and the Economy (CAUSE) last weekend in Baker Hall's Giant Eagle Auditorium.

"One of the objectives of CAUSE is to facilitate research in new areas, and that is what we aim to do at this conference by helping to internationalize black history," said CAUSE Director Joe Trotter, the Giant Eagle professor of history and social justice.

Presenters at the conference included keynote speak-

Leaders from around the er Barbara Ransby, professor of history and African-American studies at the University of Illinois at Chicago; Kevin Gaines, professor of history at the University of Michigan; Yohuru Williams, associate professor of African-American history at Fairfield University; and Robbie Shilliam, a senior lecturer at Victoria University in Wellington, New Zealand.

The conference's main goal was to expand people's knowledge of the black power movement geographically, chronologically, and thematically. Moreover, the conference aimed to investigate the multiple meanings of black power within America. Historians have only begun to further study and investigate the black power movement.

'Anti-Gravity Great Downhill Race' returns for Carnival

The "Anti-Gravity Great Downhill Race" returns to campus for Spring Carnival and will be held next Monday, April 18, at 4:30 p.m. on the Cut in front of Doherty Hall. The event will be dually hosted by the School of Art and the 2010 Kraus visiting professor of art, Pat Oleszko.

The race, featuring individual as well as group entries from the College of Fine Arts, is free and open to the public.

This year's race will be organized by students enrolled in the School of Art's "Altering the Existing" class. This hands-on course teaches students to deconstruct and transform the function of existing objects in order to create unconventional sculptural works.

The art students include Zahra Ahmed, a senior; Zena Ruiz, a fifth-year senior; juniors Tara Helfer, Steven Mentzer, Julia Cahill, Natalia Gomez, and Allison Gozion; and sophomores Emily Wobb, Mirrie Choi, and Laura Westover.

The mobiles and machines that the students build will trundle down the Cut during the race event. Bystanders are warned that crashes, explosions, and feats of magic are to be expected.

"You can be a triumphant tortoise — on a roll. Our only rule is that you leave your engines at home and let Auntie Gravity do her voodoo... doo," Oleszko said.

> Compiled by **EMILY DOBLER**

Event discusses finding peace in Middle East



Professor Laurie Zittrain Eisenberg, a teaching professor in the department of history, illuminated the recurrent themes and obstacles in the search for Middle East peace last Thursday in Giant Eagle Auditorium. The event was cosponsored by Carnegie Mellon's Arab Student Organization, the Global Studies department, The Hillel JUC, Israel on Campus, Carnegie Mellon's Muslim Student Organization, and Tartans for Israel

Campus Crime & Incident Reports

Vehicle Collision

April 1, 2011

Officers responded to Forbes Avenue near the Morewood parking lot for a report of a vehicle accident involving a Pittsburgh Authority Transit bus and a car.

Pittsburgh city medics and Port Authority police also were on scene. No injuries were reported.

Theft

April 1, 2011

Officers responded to a materials science lab in Wean Hall for a report that a 1x1inch sheet of platinum had been stolen.

This case is still under investigation.

Disorderly Conduct April 2, 2011

Officers responded to the Morewood parking lot for a report of an intoxicated male who was being belligerent and crude to a Carnegie Mellon bus driver.

Upon arrival, officers located the student, who refused to provide identification. The student was brought to the

tion until he could be positively identified. The student was issued a citation.

Carnegie Mellon police sta-

Theft Arrest

April 2, 2011

University Police responded to the University Center for a report of a suspicious male. The male was recognized from a previous theft in the same location of the University center.

The suspect fled upon police arrival. Officers caught up with the suspect and arrested him on outstanding warrants

and also charged him with thefts he had committed that same day. He was taken to the Allegheny County Jail.

Bicycle Theft

April 4, 2011

Officers responded to the Baker Hall bicycle racks for a report of a stolen bicycle. Upon arrival officers took a description of the bike, but no model number or serial number could be given.

Officers still have this case under investigation.

Corrections & Clarifications

The photo caption in the article "TEDxCMU event showcases innovations and technologies" (News, April 4) incorrectly stated that Amber Rae was pictured. The correct person in the picture is Jenny Blake. In the

article "Master plan aims for significant changes" (News, April 4), the associated graphic portrayed an out-of-date version of the plan. A current version will be posted to the article on thetartan.org.

WEATHER



TUESDAY High / Low 51/38



WEDNESDAY High / Low 60 / 43



THURSDAY High / Low 62 / 50



FRIDAY High / Low 63 / 50

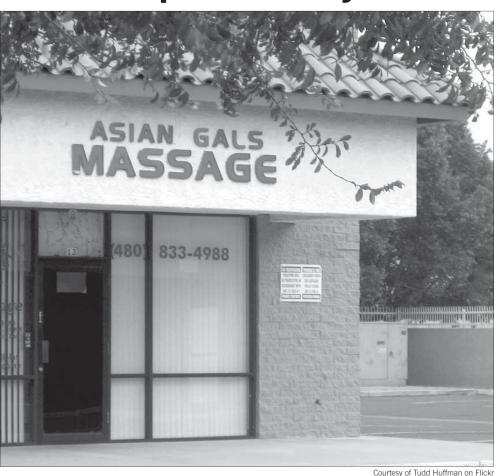


SATURDAY High / Low 58 / 45

Source: www.weather.com

April 11, 2011 « The Tartan thetartan.org/news » A3

Students petition city council



Carnegie Mellon students are pushing the Pittsburgh city council to regulate massage parlors, which often act as fronts for sex trafficking operations.

TRAFFICKING, from A1

those who seek out massage parlors selling sex as 'Johns.' According to their website, "'Johns' who frequent brothels disguised as massage parlors make it a 'hobby' to buy sex and to track all massage parlors nationwide. There are more than 5,000 brothels disguised as massage parlors nationwide."

"John's boards" are websites where people rate and explicitly describe commercial sex. Using these sites, Jessica Dickinson Goodman, a senior ethics, history, and public policy major, and Ismail Smith-Wade-El, a senior humanities and arts major, found at least 15 Asian massage parlor establishments (AMPs) in Allegheny County that appear to sell sex. One of these establishments, which is advertised on the Adult section of backpage.com, is directly across the street from the Giant Eagle on Murray Avenue where many Carnegie Mellon students buy their groceries.

Goodman, a former member of the Polaris Project, stressed that not all AMPs sell learned about modern slavsex. "[We are targeting] massage parlors which are brothels that have trafficking and are pretending to be massage parlors.... I think this ordinance is good for legitimate masseuses because it means they will no longer have to compete with fake masseuses and no longer have people coming in expecting sex." Goodman also explained that an establishment soliciting commercial sex does not necessarily practice human trafficking, but that it is at a high risk of trafficking, which is characterized by force, fraud, and coercion.

Goodman submitted a model ordinance to Councilman Doug Shields that would require Pittsburgh massage parlors to be licensed to operate. This model ordinance, drafted in part by the Polaris Project, would place operational requirements on the massage parlors such as restricted hours of operation, prohibition of indecent conduct, required registration of massage practitioners, and non-obstruction of windows with things such as paint, paper, or plywood.

Goodman and Smith-Wade-El have teamed up with representatives from Carnegie Mellon International Justice Mission (IJM), Amnesty International, Life Matters, and Heinz International Development Group, as well as Pittsburgh's Project to End Human Trafficking to advocate for those whom they believe to be trapped in sex slavery. They have organized a letter-writing campaign to the nine City Council members, with a goal of 500 letters urging the passage of a massage parlor regulatory ordinance. Councilman Shields is expected to introduce this model ordinance to City Council this

Smith-Wade-El has helped to gather evidence and has done footwork for the letter writing campaign. He first erv. or human trafficking. through involvement in his high school theater group and involvement with Free the Slaves. "We had the opportunity to meet with trafficked persons, and their stories really touched my life.... It made me think of all the things I'm lucky to have and all the things I take for granted — even if it's just as simple as being able to walk out my door in the morning when I want to."

"Knowing is half the battle ... once people become more aware [of human trafficking] they will start to fight and stand up to eradicate this issue," said Jaime Turek, assistant director of the Project to End Human Trafficking in Pittsburgh. Turek has been actively supporting the Carnegie Mellon student activists'

initiative. "It is my hope that we can see this through together to the very end," said

Amy Badiani, a senior international relations and politics major, is associated with both Amnesty International and the International Development Group. Badiani said that she is involved with the letter-writing campaign to "make a change locally in Pittsburgh that has a global impact."

Emily Kennedy, a junior ethics, history, and public policy major, helped start a chapter of International Justice Mission at Carnegie Mellon. Kennedy said that her faith plays a big role in her involvement in the campaign. "I think that the God of the Bible does care about seeking justice for the oppressed.... He commands us not to sit around and be complacent but to act."

Both Kennedy and Badiani said that a serious injustice is committed against men and women who agree to come to the U.S. seeking opportunity, but instead find themselves trapped in networks of human trafficking.

"The goal is to eliminate this particular form of sex trafficking from Pittsburgh and Allegheny County by regulating it out of existence," said Goodman. "Hopefully this will make it easier for Harrisburg to pass a comprehensive criminal approach to sex trafficking.... In addition to a fine and being shut down, people who are selling other people for sex who don't want to be sold — human traffickers — will be thrown in jail."

Goodman and others will be tabling for their letter-writing campaign this Wednesday from 11:30–3:30 p.m. in Wean Commons in the University Center. They encourage the campus community to stop by to read the model AMP ordinance and to write a letter to City Council representatives.

Newspapers' readership could be affected by new online fees

SUBSCRIPTIONS, from A1

"While the Internet is undoubtedly where most students get their news and info, I'd imagine that places like Facebook and news aggregators such as Google news are far bigger sources than The New York Times web site."

"I probably only read The New York Times online once this month," said sophomore business administration major Evan Hollins. "We already get [hard copy versions of] The New York Times, the Wall Street Journal, and other papers for free."

However, The New York Times' digital subscription model is structured so that the few students who do read the website more often and choose to subscribe will help support free access by other students.

"The few who care may be able to justify the expenditure by telling themselves it will be less than what they spend on lattes for the year," said special faculty instructor in English Mark Roth. "[But] most students will not be hurt by the new

limitations on free articles." "What matters is, how

group of core readers who are loyal to your news brand and get most of them not all of them — to pay for access? And that's the core of the new business," said Ken Doctor, an analyst who studies the economics

"I probably only read The New York Times online once this month."

— Evan Hollins Business administration major

of the newspaper business, as quoted in The New York Times.

The move to digital subscriptions in general represents how newspaper companies are struggling to remain profitable in a market where consumers are used to receiving things for free online. "Media companies have to find ways to moneProviding such content to the public costs media companies enormously, but the public - and the aggregators — are not providing fair compensation to the people who source that content, who provide that content," said O'Boyle.

Although many free websites can rely on advertisement revenue generated by site visits, The New York Times has not seen a proportional increase in site visits relative to the investment the company has made into its content.

Nevertheless, advertisement revenue still makes up a significant percentage of total revenue, and Roth stresses how The New York Times must be wary of how digital subscriptions will decrease site visits.

"I think the big debate on The Times' decision is whether the revenue benefits of going to a paid site will be more than offset by a total decline in online readers and by a decline in online advertising, which is based on page views," said Roth. "I am not sure

> the equation will work out to The Times' ad-



New organization eases tensions

BEELER, from A1

for both permanent residents and students, then why have I never been approached about it or asked to attend [meetings]? They know I live here too," said Murphy Bug, a sophomore social and decision sciences major.

Students who are able to participate in the new association find it to have positive effects.

Vidhi Luthra, a senior business administration major who is a resident of Beeler, expressed, "I am really glad to have gone to meetings and introduced myself to people living on the street that are not students. I have come to understand their point of view on how the street is treated because of the many college students living there, and feel like more people would benefit from hearing their side of the story."

In addition to participating in the Beeler Street Association, Chickering is also responsible for acting as a liaison between students and permanent residents on Beeler, "I will talk to houses that get complaints, and more generally act as a friendly face that people can talk to. My role also includes listening to the issues of residents."

This includes taking measures so that communications run smoothly during Carnival weekend.

"I will be sending a letter

to everyone on Beeler discussing Carnival. It is done as a way for the university to work with students, encouraging them to be responsible and conscientious of noise and trash during Carnival. It also provides contact information for residents that have com-

plaints during the weekend." "The primary thing for Carnival is to stay respectful of boundaries and keep things indoors," Moondra said.

Chickering is confident in the ability of students and residents to coexist in a friendly manner as he plans events to bring them together, such as Beeler Street block parties and barbecues, which will encourage neighbors to meet each other.



The new Beeler Street Association aims to relieve tensions between students and residents through service.

Don't just read about the news, write about it.

Be part of the Tartan news team.

E-mail news@thetartan.org to join.

A4 « thetartan.org/scitech The Tartan » April 11, 2011

Science & Technology

Carnegie Mellon students to compete in programming world finals



Maria Raffaele/Art Stat

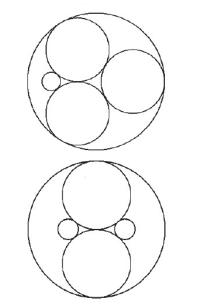
EXAMPLE PROBLEM

Background

A company makes metal conduit tubes with round cross-sections that enclose many different types of wires. The circular cross-section of a wire can have a diameter up to 20 millimeters. The company needs a program to compute the minimum diameter of a conduit that can hold 4 wires with specified diameters.

Problem

Your program must take the diameters of wires and determine the minimum inside diameter of the conduit that can hold the wires.



Example problem adapted from Association for Computing Machinery

Teams of three students are given eight to 10 problems to solve in a five-hour limit. Pictured above is an example problem that was used in the 2008/2009 ACM ICPC World Finals in Stockholm, Sweden.

DANIEL TKACIK SciTech Editor

This May, a team of three Carnegie Mellon students will participate in the world finals of the IBM-sponsored Association for Computing Machinery (ACM) International Collegiate Programming Contest (ICPC), also known as the Battle of Brains. These students are among around 300 out of 97,000 students to advance all the way to world finals, 0.3 percent of the original pool of contestants.

The contest began over 30 years ago, held at Texas A&M and hosted by the Alpha Chapter of the UPE Computer Science Honor Society, starting out as a much lower-scale contest than what it is today. Doug Heintzman, IBM sponsorship executive for the ACM ICPC, explained that the contest was a friendly, relatively low-key competition between mostly North American schools for the first 20 years or so. "Then it kind of blew up into what it is today, with some 2,000 different schools from about 90 countries.... It has morphed from being the experimental thing 20 years ago to being this global, international, very large-scale phenomenon," he

The rules and procedures of the contest are as follows: Every participating team consists of three students, and they are given between eight and 10 problems to complete in five hours or less. Each team is only allowed one computer to work on, which is provided by the organizers of the contest.

Tom Conerly, a senior computer science major and mem-

ber of the Carnegie Mellon the world finals are being held team participating in the upcoming world finals, explained that people would normally check how well their code is working by running it, but because each team only has one computer, a different strategy is taken. "One person's typing on one half of the screen, and on the other half of the screen another person is staring at the code trying to figure out why it's not working," Conerly explained.

The questions that the teams must solve range in difficulty, and involve coming up with a solution that will work over a range of scenarios. For example, a problem may ask for the minimum amount of fencing needed to enclose a certain number of trees. But the teams may not know the position of the trees or how many of them there are. The judging uses various "test cases," which are different combinations of tree numbers and positions, to test how universal a team's solution to the prob-

Once the problems are submitted for judging, they are judged as either "correct" or "incorrect"; the solution either works for all test cases, or it does not. There is no partial credit. There is also a time penalty if teams submit a solution after the five-hour limit. The team that solves the most problems in the fewest number of attempts in the least amount of total time is deemed the

Conerly will be competing in the world finals with fellow student-teammates Nate Barshay and Si Young Oh, all of whom are also majoring in computer science. This year,

in Orlando, Fla. at the Peabody Orlando Hotel and Conference Center. Originally, Cairo, Egypt was slated as the host city, but due to Egypt's recent uprising and social unrest, the world finals were moved to Orlando.

The coach of the Carnegie Mellon team, Danny Sleator, a professor in the computer science department, helps organize practices that take up at least 10 hours a week.

"This is like quiz bowl, except I think this is somewhat more substantial, because you really have to do something more creative and with more depth to it than answering a question about some vice president in the 1800s or something," Sleator said. "Sometimes you have to create a new way of doing something. You have to invent new ideas that you've never heard of before."

Though IBM does use the contest as one source of recruiting (the top-12 finishers receive a full-time job offer), Heintzman reflected on the more altruistic reasons the contest is held. "There are lots of really big problems [in the world] that are going to require some really clever problem solvers that know how to not only use but develop the state-of-the-art information," he explained.

"We think it's very important to shine a very bright light ... and tell the story of how remarkable these young people are, and the responsibilities that are going to be sitting on their shoulders as they enter the workforce and start participating and solving some of these big challenges.'

Author speaks about 'ecodesign'

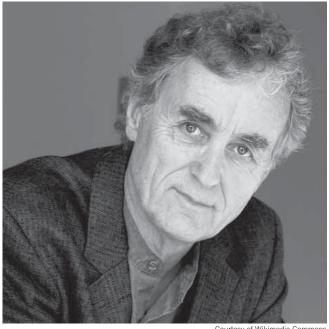
AMTRITHA PARTHASARATHY Junior Staffwriter

On Monday, April 4, Fritjof Capra, author of best-selling The Tao of Physics and The Turning Point: Science, Society, and the Rising Culture, shared his views with the Carnegie Mellon community on a better future. Capra is an internationally acclaimed physicist and leader in systems think-

Capra gave a stimulating talk on his vision of a future which is based on his interdisciplinary ideas and choices. He said that the greatest challenge in our lives is currently to build and nurture "sustainable communities." This might be achieved by using ecological sustainability, which, he explained, consists of "social, cultural, and physical environments in which we can satisfy our needs and aspirations without diminishing the chances of future genera-

According to Capra, one of the major ways we can achieve ecological sustainability is by being "systems thinkers." He defines systems thinking as "thinking in terms of relationships, patterns, and context." It is a different way of looking at things with the key being that the whole is more than the sum of its parts. Instead of quantity, one looks at quality, mapping instead of measuring, relationships instead of objects, and so on. This approach ensures that we look at the universe as a large concept map, lines connecting anything and everything. It makes sure we look at great theories such as evolution as a cooperative entity in which we are all connected in a network.

Capra argued the importance of ecosystems — how they play a major role in sustaining life and how human civilizations have ignored them since the Industrial Revolution. We need to understand the systematic connections that form ecosystems to



Fritjof Capra, best-selling author of numerous works of scientific literature, visited the Carnegie Mellon campus on April 4 to share his views on the importance of ecological sustainability in design

follow the task of designing sustainable entities in the future, he explained.

One of the major terms that Capra urged for all to understand and prepare with is ecological literacy, or 'ecoliteracy.' He explained that ecoliteracy is "the outstanding characteristic of our biosphere that has sustained it for billions of years." This ecoliteracy is to be applied to ecological design or 'ecodesign.'

In an interview with Ecotecture magazine, Capra explained that "design defined in an ecological perspective is the shaping of flows and energy of matter for human purposes." There have already been many programs that have been implemented in Africa and South America that fall into the category of ecological design. One example is organic farming, because farmers use technology based on ecological principles and genetic engineering to promote healing and benefit the environment. Capra also advocates shifting from a product-based view to a more

service-based or "flow" view. This is also seen in green agriculture, which

members of the Carnegie Mellon community play a major role in. Green agriculture is seen in buildings designed to produce more energy than they use. Hybrid cars, hydrogen fuel cells, and anything that "serves" more than it "uses" can be labeled as ecodesign.

Capra advocates strongly that we need to shift to a more ecological-based society as we progress in the future. For example, he urges us to change from our chemical, largescale agriculture to organic, small scale, community-based farming. Capra argues that this will solve one of our biggest problems: reducing our energy dependence. Second, organically grown food will improve our health, and third, organic farming will impact our ecosystems for the better.

Using a blend of systems thinking and ecological design, Capra recommends we take this into consideration in each of our quests to create a sustainable future. Whether it be through science or design, we need to implement a systemic view of ecological systems in order to improve a new era that is just beginning.





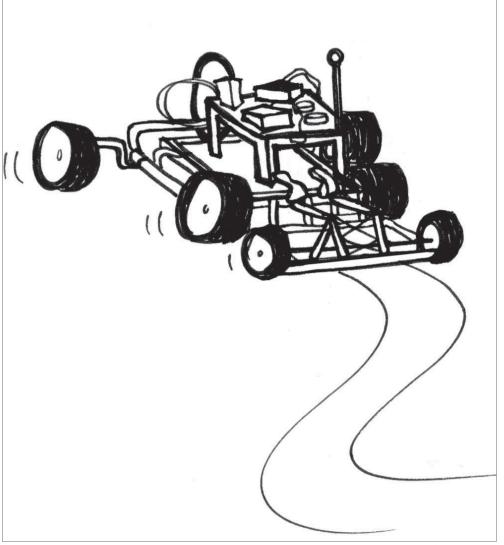
Mobots combine engineering and competition for Carnival event

Staffwriter

The sounds of carpentry filling the air and late-night buggy practices blocking the streets behind Hunt can only mean one thing: Carnival is just around the corner. While most people are busy preparing their booths or practicing pushing, there is also a small subset of people preparing for another event unique to Carnival, the 17th Annual Mobot Races. Challengers can enter their autonomous vehicles ("MObile roBOTs") to race on a painted 400-foot course outside of Wean Hall, with prizes up to \$1000 for the fastest mobot. Junior electrical and computer engineering major Kwabena Agyeman explained how mobots work. "It's really just a mathematical [process]; running the robot along the course is just watching control theory in action," he said.

The Mobot course consists of a painted white line two inches wide, and several "gates" or markers, which the mobot must pass through en route to the finish line. The course itself starts off with only a few curves and turns, but the end consists of several sharp curves and "decision points," where the mobot must decide which version of the path to continue along.

There is also a four-minute time limit for each race. Each mobot will be allowed to race twice. Although human control is not allowed once the races begin, the official website states, "Animals (except



Adelaide Cole/Art Editor

primates) may be used to assist with vehicle control as long as such use is humane (does not harm the animal in any way) and conforms with applicable University regula-

A basic mobot requires several components to work: wheels, a sensing mechanism for the course line, a controller board, motors, and a power source which may vary from AAA batteries to a rechargeable lithium battery. The mobot is controlled by various algorithms that control the motors and sensing mechanisms. The wheels must be durable enough to traverse over different sidewalk textures, crevices, dirt, and travel up and downhill. Agyeman's mobot has a central rear wheel called an omni wheel, which can move smoothly in all directions, not just forward or backward.

As for the autonomous portion of the mobot, every line of code is typed by hand. "How do I communicate to this motor? How do I communicate to this sensor? You have to figure that out yourself at the lowest level," Agyeman explained. He uses a proportional integral derivative (PID) algorithm to help control for possible errors that his mobot may make. The sensing mechanism he uses returns eight data points, with different values to account for different colors of the sidewalk — the white race course stripe will return a lower value than the gray portions of the track. The controlling board will then adjust the path of the mobot accordingly to keep the white values "centered" on the race line. The PID will calculate the errors and integrate other values to keep the mobot on track.

Another issue mobot builders must keep in mind is controlling for the hill portions of the race — how does one keep the mobot speed constant? Too fast will give the mobot less time to calculate how to steer the wheels in the next few seconds, but too slow will hamper overall time.

Agyeman has devoted 100-200 hours over the past two years to building his mobot, named "Stingray," which can drive six feet per second at full power. While intellectually satisfying, the costs of parts for a mobot can run up to almost \$1000, depending on the quality. For students who join the Robotics Club, many of the parts are subsidized.

For Agyeman however, participating in the Mobot Races is only part of the fulfillment he gets from such an experience. "The whole point of [mobot building] is to see

"The whole point of [mobot building] is to see something move through your own effort.

If you don't take the time to do all of this yourself, then you've missed the learning opportunity."

—Kwabena Agyeman Junior ECE major

something move through your own effort. If you don't take the time to do all of this yourself, then you've missed the learning opportunity. This is a good way of applying what you have learned."

He added, "I wanted to do something with robotics, so I started working on mobots. My goal in college is to learn as much as possible in college as fast as I can, because once you enter the real world you rely on just what you know and get stuck in your ways. I've learned a lot from this."

The Mobot Races will start at noon this Friday.

SCITECH BRIEFS

New technique makes healthier cheese

Currently yogurt is the most common delivery vehicle for probiotics, or bacteria which symbiotically benefit the intestinal health of the host. However, Portuguese researchers have developed a technique to easily monitor the composition of cheese as it ripens using nuclear magnetic resonance spectroscopy (NMR). This new technique may allow for healthy bacteria to be safely incorporated into cheese in the future, thus avoiding protein degradation in the new cheeses.

Source: Chemical & **Engineering News**

Unknown particle detected by Fermilab's Tevatron

Fermilab's Tevatron particle accelerator in Illinois detected a particle of unknown origin last week. The particle may not fit the Standard Model, which describes particle physicists' best guess at how all of the elementary particles in the physical world interact.If the particle is proven to be real, it may turn the current understanding of particle physics on its side. Physicists say that there is a 1:1000 chance that the detection of the particle was a statistical fluke, giving them confidence that it was real, but opening up many questions as to its source.

Source: New Scientist

New evaluation of strawberry evolution

A new variety of strawberry has had its genome sequenced this year. This new sequencing data of the woodland strawberry, Frageria vesca, provides the opportunity to analyze the evolution of the domestically cultivated strawberry, Frageria ananassa. Analysis of the woodland strawberry also indicates that the assignment of strawberries to the Frageria class may be incorrect and that an assignment to the Populus class might be more applicable.

Source: Nature Genetics

Smartphones may improve public transit

Boston and San Francisco commuters participated in a study that involved giving up their cars for a week in favor of traveling by public transit. The study found that having realtime information about transit schedules, delays, and stops made the participants significantly more likely to utilize the public transit system. These results are anticipated to catch the attention of transportation planners and programmers alike to increase the ridership of mass transit options and take more individual automobiles off the road.

Source: Wired magazine

Pennsylvania calls for more waterquality testing

In response to a letter from the Environmental Protection Agency to the state, Pennsylvania environmental regulators are calling for an increase in water quality testing to assess whether radioactive pollutants and other contaminants from Marcellus Shale drilling are affecting the state's rivers and other bodies of water. This involves adding radium, uranium, and a few other pretested for, and increasing the frequency of tests.

Source: Pittsburgh Post-Gazette

Icelandic genetics expose gene for sick sinus syndrome

The genotype of over 38,000 Icelanders has been evaluated to show prevalence of a gene that can lead to increased susceptibility of sick sinus syndrome, which is a serious heart rhythm disorder. The research shows that a single mutation in the gene MYH6 can lead to a change in the structure of a protein. The risk of being diagnosed with sick sinus syndrome increases from viously unconsidered pollut- 6 percent for patients without ants to the list of contaminants the mutation to 50 percent for patients with the mutation.

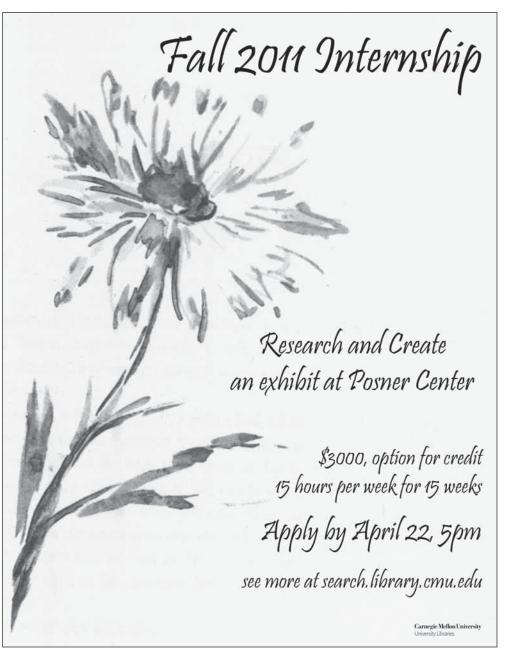
Source: Nature Genetics

Compiled by DANIEL TKACIK AND CELIA LUDWINSKI



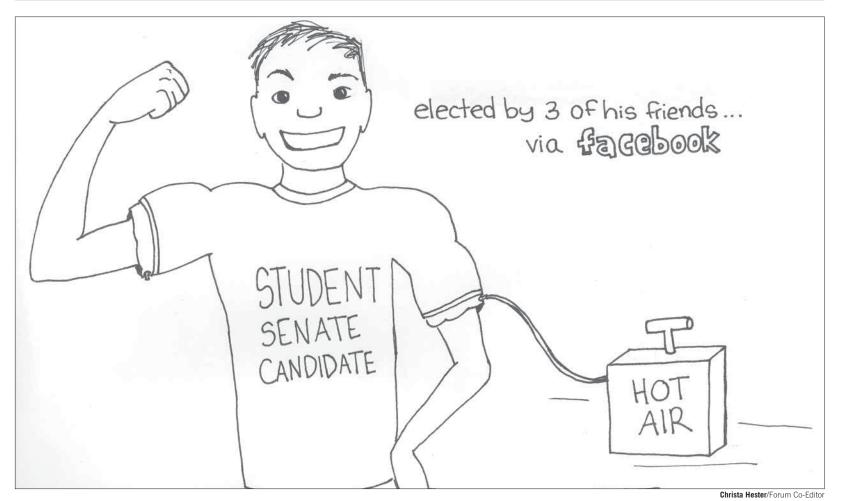
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FROM THE EDITORIAL BOARD



Student Senate candidates subvert election process with write-in votes

A full sixth of the Carnegie Mellon student population cast a ballot in last week's student government elections.

A 1,700-student turnout would be considered abysmal by most metrics, but by Carnegie Mellon standards it represents quite an improvement over the nadir of 2007, when barely 1,000 students voted in an election plagued by procedural and technical malfunctions. This year, we feel more confident that the final tallies in races for student body president and vice president, vice president for organizations, and vice president for finance express the will of the electorate - at least to the extent that the electorate here has a will in the first place.

It is a different case, however, in the Undergraduate Student Senate. Once again, persistent lack of interest in student government ensured that we had more open Senate seats than candidates willing to fill them.

The voting results are laughable. Four seats in the College of Fine Arts were won with two votes each. It was possible to get into Senate from the Carnegie Institute of Technology, the Tepper School of Business, and the College of Humanities and Social Sciences with five votes or fewer. The sole standout is the Mellon College of Science, where — judging by the vote tallies — all five Senate seats went to candidates who had actually campaigned for them.

consists of asking your three closest friends for a write-in vote the night before the election, it may be time to re-examine the process of becoming a candidate.

According to official student government documents, a Student Senate candidate wishing to appear on the ballot in April must gather signatures of at least 25 students from his or her college in February, then attend a "mandatory" candidate information session. With more than half of this year's Senate seats going to write-in candidates, it seems many students have decided that these rules and procedures are unneces-

We agree, at least, that the sys-If a successful Senate campaign tem is broken somewhere. We also question how dedicated these writein winners will be in fulfilling their newly acquired duties as Student Senators: Deciding to run for elected office on a whim does not strike us as the best guarantee of continued interest for a full school year.

Given the do-nothing attitude of this year's student government in general, we desperately need an incoming class of leaders ready to effect meaningful change in the way Carnegie Mellon students view their elected representatives. Right now, it is unclear whether the next year will be any better than the last.

Editor's Note: Meela Dudley is a Student Senator-elect and as such was recused from this article.

Continuous budget fighting in Congress makes government irresolute

In the late hours of Friday night, Congressional leaders announced to the American people that they had reached an agreement to fund the government, avoiding the shutdown that would otherwise have begun at midnight.

Barack Obama, Speak President er of the House John Boehner, and Senate Majority Leader Harry Reid hailed the agreement as a compromise that took each side's interests into account.

They portrayed their last-minute accord as responsible governance. A New York Times headline stated that "Both Parties Claim Success in Averting a Shutdown."

In spite of this positive spin, we

view Congress' behavior over the last several months, and the last week in particular, as absurd. Politicians are trying to take their abject failure to govern and sell it as saving the government in its hour of need. The United States government is now operating under its seventh continuing resolution of the year pending the passage of a full budget this week. Funding the federal government is not a matter of making convenient compromises between parties. It is a constitutional responsibility of elected representatives to make the best budget possible, a job that they have thus far neglected.

In the end, the compromise reached last Friday will cut overall spending by \$38 billion out of a multi-trillion-dollar budget. Included in the deal is a \$5 billion increase in Pentagon spending for the year, according to the *Times*.

Spending cuts are essential in order to reduce America's deficit — and ultimately the national debt — but not at the expense of putting hundreds of thousands of employees on furlough.

Any increase in spending should not go to the defense budget, but should be distributed to programs for public radio and arts endowments, which are in dire need of funding.

The budget fights over the last few months have, more than anything, shown the Orwellian hypocrisy of our divided government. Democrats and Republicans blame each other for failing to compromise while refusing to give ground on the smallest of issues.

Perversely, last December's lameduck Congress accomplished more than the current government has in the last three months.

Congress' budgeting fights are far from over - and once the 2011 budget is passed, the bickering over next year's spending will begin.

We hope that politicians have learned from last week's debacle. However, we fear that the squabbles will continue, embarrassing not only our government but the United States as a whole.

CMU should consider Pittsburgh's transit crisis and possible solutions

Over the past few weeks, University President Jared Cohon and student government President-elect Jake Flittner have both talked about addressing transportation around Pittsburgh, which is increasingly becoming a concern to the campus community. The Port Authority's recent 15 percent service cuts are making travel to school, the grocery store, and other places difficult for students, faculty, staff, and the city at large who depend on public transportation services. We think it is extremely important that the leaders at the university continue to address this issue.

Students at Carnegie Mellon are

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required to pay a Port Authority fee every semester, which automatically invests each student in the services that Port Authority provides. This semester, each student paid \$46 for use of the city's bus services. While we feel that this fee is currently justified because we can recoup the cost of our bus pass within 15 trips, cuts to the bus service may begin to infringe on its convenience. Since first-year students are prohibited by campus policy from having a car on campus, and most other students do not have a car because of parking expenses, it seems that most students are dependent on the Port Authority buses as their main transportation option.

Cohon, in an open forum with staff three weeks ago, relayed that he was personally working with Port Authority to ensure continued service around Carnegie Mellon's campus. In particular, he mentioned that he was focusing on peak travel times, including eastbound transit on Forbes Avenue on weekday afternoons. If cuts to Port Authority routes around campus continue, Cohon said he would even consider increasing shuttle service during peak hours.

Given the current economic state and a history of Port Authority cuts, it seems likely that Carnegie Mellon students will see a drop in the service around campus, rather than the hoped-for increase. Without additional funding, bus routes will continue to be combined or removed, and the buses on each route will become more sparse. As Cohon stated in his address to faculty and staff, public transportation cannot survive unless it is subsidized. We believe that Cohon has the correct perspective; Pittsburgh's public transportation needs additional support. Carnegie Mellon's student body can do little more than show the administration that transportation is an issue the students care about.

However, student support might be enough to make a substantial COMMUNITY OPINION

Regulations hurt Booth tradition

ALAN VANGPAT

As an alumnus, I have fond memories of Spring Carnival and, in particular, Booth. I was never part of a fraternity, so Booth gave me an opportunity to work with other members of an organization to build something great that would be enjoyed by hundreds of visitors. Booth gave me an opportunity to meet alumni and general Pittsburgh residents. Booth was collaborative, spontaneous, and open. Booth was fun. However, as Carnegie Mellon becomes increasingly paranoid and restrictions are added to the process, I worry that bureaucracy is destroying much of what Booth is at its core.

Last year, I arrived on campus and headed to the Morewood parking lot only to find that I had to sign a waiver and wear a wristband to be allowed on Midway. The process wasn't too painful. However, the new requirement seemed a little contrary to the openness and collaboration fostered by Booth in the past. If I had been a student instead of an alumnus, having to sign a legal document and wear a wristband for the week also would have been a potential deterrent from participating at all.

This year, the university has instituted an additional deterrent: mandatory university-issued hardhats. This is not to say that hardhats in general are a bad idea — there could certainly be more safety equipment in use by organizations - just that it seems like a badly implemented knee-jerk reaction to a problem that doesn't exist. Students would be better served by training programs to increase safety knowledge. As it stands, the new requirements do little to actually protect students and increase their safety, and seem to serve little purpose other than to make the university more comfortable from a legal standpoint. Even so, if the goal was to limit its legal liability, requirements on top of the waiver are pointless overreactions and only serve to discourage students from participating in Booth, Current student Josh Watzman put it best when he said, "The recent string of introductions of legal barriers in order to allow a person to work on Booth is ridiculous. I'm worried that it is going to kill Booth as we know it '

Additionally, neither the waivers nor hardhats are effective in protecting random people wandering onto Midway. There are never signs warning of the potential dangers. I have seen people walk with their small children into booths filled with power tools and exposed wiring and nails. Wristbands or not, there will always be random people wandering around booth construction. It seems that, rather than make Booth more difficult for people who want to participate, the university should be making the risks and dangers clearer for all involved.

In general, the new requirements for working on Booth represent a disturbing trend toward limiting access and making Booth an event for a few instead of an activity for all.

Alan Vangpat SCS '07

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The Tartan is a student newspaper at Carnegie Mellon University, funded in part by the student activities fee. It is a weekly publication by students during the fall and spring semesters, printed by Trib Total Media. The Tartan is not an official publication of Carnegie Mellon University. The first issue is free; subsequent issues cost \$0.50 at the discretion of The Tartan. Subscriptions are available on a per semester basis.

The Editorials appearing at the beginning of the opinion section are the official opinion of The Tartan Editorial Board. Columns, Editorial Cartoons, and Reviews are the opinions of their individual creators. The Tartan Editorial Staff reserves the right to withhold from publication

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'Slutwalk' addresses victim-blaming and sexism in modern society

Chita E the

CHRISTA HESTER

"Women should avoid dressing like sluts in order not to be victimized."

A Toronto policeman uttered this ludicrous statement in January while giving a safety talk to college students at York University. Since then, students from the university have organized a large protest aptly called "Slutwalk" to reappropriate and redefine the word "slut." And I say more power to them!

I'm glad these students didn't brush aside this statement and instead saw the underlying problems within our society that it exemplified. Women may have equal rights now, but sexism and misogyny still exist and heavily influence the thoughts and actions of many people. The statement made by that Toronto policeman might have been meant to help women stay safe, but the underlying logic of it suggests that he thinks women are, in a way, asking to be victimized by dressing in a provocative way.

I'm sorry to burst your bubble, Mr. Policeman, but no one asks to be victimized.

People like this policeman may think that dressing conservatively decreases a woman's risk of being raped, but think about it: She can take self-defense classes; she can walk home with a friend when it gets late; she can keep her cell phone handy; she can buy mace. How she is dressed is not a deciding factor in whether or not she is raped. It is a



Juan Fernandez/Art Staff

well-known and well-proven fact that rape isn't about how hot or slutty a girl looks; it's about opportunity and

In case you weren't listening, I'll re-emphasize: Rape is about opportunity and the power the rapist has over his victim.

To demonstrate my point, let me illustrate a hypothetical situation. A rapist is lying in wait for a victim and sees three girls walking by. Two hot girls are dressed in slutty clubbing clothes and turn left while the third girl, who is kind of homely, is dressed normally and turns right. Who do you think he'll go after? The third girl, of course, because she's alone and there is a greater opportunity for success. So honestly, when one thinks about

it, how a girl dresses has nothing to do with whether or not she will be victimized.

Victim-blaming in these ways is a serious issue, one made even more serious when those who are meant to protect citizens practice it. To take another example from Toronto: There was a case in 1986 in which a rapist was targeting women in a

certain neighborhood. The police, however, did not believe the first two women who claimed they had been raped because one had a boyfriend and the other related her rape in a calm and relaxed manner.

By the time the third Jane Doe, who kept her name a secret throughout her 11-year legal battle, was raped, the police had made a conscious decision not to warn the women in the neighborhood so that they could catch the rapist red-handed. Poor Jane Doe was nothing more than bait for the rapist. What a travesty that the very entity created to protect and defend citizens failed to do so because of victim-blaming and

As a citizen, I would hope — even demand — that the police do everything in their power to protect me. As a woman, I would expect the right to walk down a street dressed as I choose without judgment from the law. Granted, I know I can't go out naked without getting pulled over for public indecency, but wearing a tight dress shouldn't mean that I as a person am indecent.

If I wear a slutty dress, yeah, it probably means I'm looking to get some. Women dress attractively because we want to attract attention — of the consensual kind. Blaming women for wanting to look attractive is like blaming a shopkeeper for putting some of his best wares on display. Is he asking for a break-in? Of course not! What it comes down to is respect. Respect for a woman as a person, with the right to make decisions about the clothes she puts on and who she takes them off for, free of labels like "slut" or "whore."

Christa Hester (chester@) is Forum co-editor for The Tartan.

Pastor needlessly spurs violence after burning of Muslim holy book

EMILY DOBLER

Terry Jones, a fundamentalist pastor in Florida, burned the Qur'an on March 20.

He staged a mock trial for the holy book, in which it was found guilty of what he described as crimes against humanity. Members of a "jury" heard arguments from both a prosecutor and a defender before they sentenced it to death by execution. The entire group then burned the Qur'an, executing it for its "crimes."

Jones, along with his group of extremists, is an idiot.

Originally, Jones was going to burn the Qur'an last Sept. 11 as a protest against the terrorist attacks. This garnered a huge backlash of anger and dissent, as well as media attention — what Jones probably wanted most. However, because of the controversy, he decided against it and didn't go through with his plan.

And yet, despite a promise to be rational months ago, Jones burned the holy book. The act went unnoticed in the United States for the most part, but it ignited protests in Afghanistan and Pakistan. According to United Nations officials, thousands of protesters overran the compound of the United Nations in a northern Afghan city and killed at least 12 people. The protesters sought revenge, and when they didn't immediately get any, innocent bystanders paid the price.

Jones and his troupe of fundamentalist evangelicals' thoughtless actions had dire consequences. His stupid mock trial led to the death of at least 12 people. He preaches the word of God and demands that people live in the way of the Lord, yet he purposefully creates situations knowing full well that people will get hurt as a result. As an adult, Jones should be aware that his actions will have consequences; the more severe the action, the worse the consequence. Despite this logic, Jones still burned a whole religion's holy book. He disgraced the religion and practically spit in all Muslims' faces.

"It is not that we burn the Qur'an with some type of vindictive motive," Jones said in an attempt to rationalize his actions. "We do not even burn it with great pleasure or any pleasure at all. We burn it because we feel a deep obligation to stay with the court system of America. The court system of America does not allow convicted criminals to go free. And that is why we feel obligated to do this."

He does not understand that he cannot take the law into his own hands; he cannot dole out punishment and justice against what he deems to be "crimes." He has no right to make that kind of judgment call.

"The court system of America does not allow convicted criminals to go free. And that is why we feel obligated to do this."

—Terry Jones Pastor of the Dove World **Outreach Center**

He needs to understand that he doesn't have the right to mess with something sacred to entire nations. Muslims are just as religiously devout to the Qur'an as he is to the Bible. His hypocrisy astounds me. He claims to be a devoted man of God, yet he condemns those who, in my opinion, worship the same God.

Instead of burning their holy book, he should try to reach out to Muslims and strive to understand the subtle nuances between his religion and their religion.

He needs to work on bridging gaps instead of promoting religious factionalism.

Emily Dobler (edobler@) is News editor for The Tartan. She really loves bananas... a lot.



Juan Fernandez/Art Staf

A PERSON'S OPINION

Carnival is this week. So we asked.

Who are you rooting for to win Buggy?



Benjamin Joyce ECE Sophomore

"I don't really care who wins; I just want to go see everyone race.



Caroline Colombo Physics, Art Sophomore

"I'm rooting for Pioneers, and it would be nice to see a small organization win."



Guillermo Gomez MechE Junior

"CIA."



Chava Angell MSE First-year

"I'm not really rooting for anyone. Buggy is just cool to watch."



Barnik Saha First-year

"Yeah, I'm a freshman so I don't really know, but I am looking forward to seeing it."

Tartan golf places at Mid-Atlantic Regional

ADAM GRUBER Staffwriter

The Tartans golf team competed at the Hershey Country Club in the Mid-Atlantic Regional on Sunday, April 3 and Monday, April 4.

The Tartans found themselves in third place after the first round of play — five strokes behind the competition leader - the University of Rochester, with a team score of 320.

Leading the way for Carnegie Mellon were junior Terence Einhorn and first-year Ian Bangor, who were tied for first among all competitors after day one with a score of 77, along with three others. Senior Brent Driscoll scored 82 after day one, closely followed by junior Michael Cheng, who carded an 84. Lastly, first-year Matt Wilson scored a 94 for the Tartans.

After day one, the top five schools were Rochester (315), McDaniel College (319), Carnegie Mellon (320), and a tie for fourth between Manhattanville College (326) and Franklin & Marshall.

The Tartans nearly mirrored their first-day score of 320 on the second day, carding a 322 Jefferson for fifth.

to place fifth in the tournament.

Einhorn and Bangor led the way for Carnegie Mellon yet again, scoring 77 and 81, respectively, on day two. This put Einhorn in a tie for third place individually with a score of 154. Bangor finished 11th, scoring

Driscoll fired an 80 on day two, giving him a score of 162. Cheng carded another 84 on day two, and Wilson finished the competition with a score of

"We shot pretty consistently between the two days, but the teams that beat us were able to improve on their day ones," said Wilson. "The team is happy with the way we played, but seeing Rochester win made me a little uneasy."

Rochester taking first was

bitter for the Tartans, as they are University Athletic Association conference rivals. With team scores of 315 and 312 each day, Rochester was able to surpass the entire field and win the tournament. Allegheny College, St. John Fisher College, and McDaniel College rounded out the top four, with Carnegie Mellon tied with Washington &



The Tartans golf team took third place at the Mid-Atlantic Regional competition at the Hershey Country Club.

Men's tennis competes in GLCA tournament

COURTNEY CHIN

Staffwriter

The No. 7 Carnegie Mellon men's tennis team traveled to the Great Lakes Colleges Association (GLCA) Men's Tennis Championship, hosted by Albion College.

In the second round of the GLCA tournament, the Tartans defeated Calvin College 6–1. The Tartans earned two points after doubles play, with both the No. 1 team of seniors Alex Nemerov and Bobby MacTaggart and No. 2 duo of sophomores Harsha Rao and Jooho Yu winning 8-4. Mac-

Taggart and Nemerov both won their respective singles, while junior Jeremy King toppled his opponent 6-0, 6-3, followed by first-year Julian Pearlman, who dropped only two games 6-1, 6-1. This concluded the Tartans' first day at the GLCA tournament.

In the semifinals, the Tartans took on University Athletic Association foe Case Western Reserve University. The Tartans took a 2-1 lead after doubles. The first point came from Nemerov and Mac-Taggart with an 8-7 (7-5) victory at No. 1 doubles, and the second point came from No. 2

team of King and sophomore Duke Miller who won 8–0.

At this point the Tartans took the court with Nemerov, Miller, MacTaggart, Rao, King, and Yu. King was first off the court with a 6-0, 6-3 win. Next off was MacTaggart adding a point with a 6-4, 7-5 victory, and Duke Miller clinched the match for the Tartans with his 7–6, 0–6, 6–2 victory. Since the match was played to decision, Yu's match was stopped, but Nemerov remained on the court to finish for individual ranking. After battling a long third set, Nemerov came off with a 6–2, 3–6,

7-5 win, giving the Tartans a 6-2 victory over Case.

In the finals, the Tartans took on No. 19 DePauw University. The men got off to a slow start after going down 3-0 in doubles. The Tartans attempted to mount a comeback in singles play as Nemerov was first off the court with a 6–1, 6–3 victory, bringing the score to 3-1. However, the Tartans did not have enough in the tank, and DePauw won two singles matches, bringing the match to a 5-1 decision.

Editor's Note: Jeremy King is a staffwriter for The Tartan.

The Cutoff Man: The fair-weather fan

JONAS ALTMAN-KUROSAKI Assistant Sports Editor

Three hundred and sixtyfour days ago, I wrote an article titled "Jumping off the bandwagon," in which I urged fans to not look to their teams' early success as a preview for a record-setting, or even successful, season.

What I failed to mention, though, was that fans need not (and should not) read into negative starts to the season either.

There has been a whirlwind of emotions throughout the first full week of baseball. Aside from Manny Ramirez's "you can't fire me, I quit" retirement on Friday, many baseball fans have had their focus on the early season struggles of the Red Sox, a.k.a. the "winners" of the offseason (no Sheen in-

The Red Sox, who traded for Adrian Gonzalez and signed Carl Crawford this winter, went 0–6 to begin the season, mainly due to an offense that appears to still be in hibernation mode. Fans definitely took some solace in the team's first win coming against the Yankees.

It doesn't help that Sox fans are calling for Crawford's head after he went four-for-23 during his team's inaugural road trip — and while Adrian has done just fine, he's only got one home run so far. With Sox fans expecting at least 60 with 150 RBI this year, it seems the only choice left is to throw in the towel and wait till next year.

These performances will not help either player's chances in the All-Star voting that will probably begin next week, but no matter

how much that counts, the remaining 153 games in the Red Sox' schedule count far more. A 1-7 record through eight games might sting, but all it takes is one winning streak to get the team back on the right foot. The Atlanta Braves began 2010 with an 8-14 record before winning the NL wild card five months later, and to a lesser extent, the 1986 Mets began the season 2-3 before not losing another game in April and beating the Sox in the World Series.

Sure, Crawford may have an off year, but he will still contribute and be a part of the team for years to come. The same goes for Adrian, who was made to play in Fenway Park and will no doubt have a very productive season. The chances of every player on the Red Sox having a statistically down year are minuscule, and when the team is clicking on all cylinders, they will be the juggernaut that many expect them

The early woes of the Red Sox have been the identical woes of the Rays and the success of the Orioles. The Rays won the division last year, and although they were depleted over the winter, they should be concerned with their slow start; on the other hand, the Orioles were downright awful until mid-August last year and have been playing like they mean it. Once the Sox and Rays get going, I expect the AL East to be even more of a force to be reckoned with than it was last

So don't worry, fans; there's a light at the end of the tunnel, but there are also 153 games to play until you get there.



April 11, 2011 « The Tartan thetartan.org/sports » A9

Track and field team hosts home quad meet at Gesling Stadium



Senior Dustin Musselman runs the 4x400 relay to finish the track meet.

TRACK, from A10

board, men and women. Turned out to be a nice day, so it was pretty good." Bussiere contributed to the team with a second-place finish in the 1,500-meter race.

Sophomore Noel Titus was 0.06 seconds off breaking the school record as he finished first in the 100-meter dash, and he then followed that by winning the 200-meter dash.

Bussiere said "I think grouping our 800-meter guys together as a whole [helped]. There were a lot of them and they all ran really well." Sophomore Ben Nealy won the 800-meter run in 1:57.84.

The first-years added to the strong Tartan finish, with first-year Josh Newby finishing first in the 3,000-meter steeplechase with a time of 8:57.93 and Tim Kikta finishing first in the 400-meter

run with a time of 50.43 seconds. On the field, first-year Nathan Cheek won the hammer with a distance of 47.42 meters, while first-year Zachary Erra-Hernandez won the shot put and discus.

Strong performances came from senior Justin Kurp and junior Kyle Andrews as they finished first and second, respectively, in the 3,000-meter run with times of 8:57.93 and 9:00.49.

Ending on a high note, the 4x400-meter relay team of Bussiere, Nealy, first-year David Keyser, and senior Dustin Musselman finished first with a time of 3:23.88.

Looking back on the meet, Bussiere said, "Well, it's a quad meet so it's pretty small, but it's kinda nice [because] it gives you space to kinda do what you need to do ... without being all cluttered."

The Tartans will compete on Friday at Bucknell Univer-



Senior Laura McKee holds a career best in the 1,500-meter run.

Ski team finishes strong season

ALEX TAPAK Sports Editor

The Carnegie Mellon ski and snowboard team, created in 2005 and, over the years, has grown to encompass men's and women's teams in alpine ski racing, freestyle skiing,

and snowboarding. The team competes in the United States Collegiate Ski and Snowboard Association (USCSA). This past season has been the club's most successful so

far. The women's alpine team had accomplishments such as finishing second in the Allegheny Collegiate Ski and Snowboard Conference (ACSC) and receiving fourth at the Mid-Atlantic Regional Champion-

The men's alpine team had similar accomplishments, as it finished fourth in the ACSC and finished eighth at the Mid-Atlantic Regionals.

Individually on the women's team, first-year Anna Cederquist finished seventh All-Conference A-team in the ACSC, while junior Daria Bojko finished third All-Conference B-team. As for the men, junior Paul Kimball finished seventh All-Conference for snowboarding.

The men's and women's freestyle teams made a strong standing at the Mid-Atlantic Regionals. This was the first year the region included freestyle skiing. Master's student Maryanna Saenko finished first and Cederquist finished third, leading the women's freestyle team to a first-place finish. On the men's side, senior Ben Streeter led the men

to a second-place finish with his second-place individual placement.

Both the men's and women's freestyle teams qualified for the USCSA National Championship, which took place March 8–12 in Sun Valley, Idaho. Carnegie Mellon was represented by Saenko, junior Katie Dickson, Streeter, senior Jeff Bizzak, and junior Jeremy Slovak at nationals.

The women took fourth place in skier cross, fourth place in slope style, and third place in half pipe, earning them third place overall; Saenko and Dickson were both recognized as secondteam All-Americans. The men placed fifth in skier cross and fifth overall; Streeter was recognized as second-team All-American as well.

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Women's tennis plays local rival



Junior Laura Chen hits a backhand during her doubles match against the University of Pittsburgh.

JONAS ALTMAN-KUROSAKI Assistant Sports Editor

The term "Subway Series" doesn't quite fit, but perhaps "street match" would suffice to describe the action between the women's tennis teams of Carnegie Mellon and the University of Pittsburgh last Wednesday. The Tartans hosted the Division I Panthers from down the street and fell

doubles play against Pitt. The closest match came at third doubles, where senior Ashley Herrick and junior Cze-Ja Tam fought to a 6–8 loss to the hands of Panthers Minh Evans and Taylor Washington.

At singles play, junior Laura Chen deftly won her match at first singles, 6–1, 6–0. Tam

match with an excellent burgh's Karma Parbhu 6-0, 30–12 doubles record during 6–0 at fourth singles. Senior the outdoor season, but were Jennifer Chui got the Tarunable to muster a win in tans' third and final point after winning a marathon third set and match at fifth singles, 1-6, 6-3, 12-10.

Carnegie Mellon's women will host Grove City College today, April 11, at 4 p.m. It will be their final regular season match before the University Athletic Association (UAA) conference championships later this month and the





A10 « thetartan.org/sports The Tartan » April 11, 2011

Sports

Track and field has home field advantage

Sports Editor

On Saturday, the Carnegie Mellon track and field team hosted its annual quad meet. Penn State Behrend, Washington & Jefferson College, and Westminster College traveled to spend the day on the Carnegie Mellon track in Gesling Stadium.

On the women's side, the Tartans earned themselves a second-place finish, while the men cleaned house and came in first.

"The competition was good. I was really excited about all the fans we had out here. It's really exciting that for our only home meet we had so many friends and family come out to watch us," said senior Laura McKee.

Although the sky was overcast, a few rays of sunshine shone through at times and the temperature was mild as the Tartans started their competition at 11 a.m.

The Tartans had many outstanding performances while competing on their home turf. First-year Jacqueline Guevel continues to be on fire as she breaks record after record.

"I think we all were really

the new school record at 50.13 seconds. McKee finished her last home meet in the best way possible with a career best in the 1,500-meter race."This was definitely a big [personal record] for me, and

On the field, junior Lisa

2.95 meters, almost setting a new school record. Senior Melissa Hwang also finished strong at home, winning the triple jump with a distance of 10.40 meters.

Reflecting on the men's results, senior captain Nate Bussiere said, "I think we did well. We had a lot of good performances all across the



SPORTS COMMENTARY

Amazing will happen

JEREMY KING Staffwriter

For those of you that are NBA fans, which I know may vary considering we live in a city with no true NBA team, I am sure that you are gearing up for the NBA playoffs that start in just under two weeks. As of right now, we already know which teams will be in the field of 16, but we do not know who our first-round matchups are just yet.

In fact, one of the most important games of the season will be played Monday, a grudge match between the pompous Miami Heat and the defensive-minded Boston Celtics. This game should decide the No. 2 and No. 3 seeds in the Eastern Conference, which means a lot considering the opponents that compete for the championeach team could face.

Any true NBA fan definitely enjoys the playoffs, even if his or her team isn't in them, because of the number of close games that happen almost every year.

When people say that March Madness is so much better than the NBA, they couldn't be any more incorrect. Think back to two years ago, when the No. 7 seed Chicago Bulls took on the defending champion Boston Celtics in a first-round matchup that everyone believed would be a blowout in favor of the Celtics.

However, the Bulls came out and took the first game of the series in an overtime thriller, sending a message to all of the NBA that they would be competing to win, not just to take a few games. At the end of an exhilarating series that featured four games that went into overtime, the Celtics eventually pulled it out.

Fast forward to later that year, and we got to witness what was one of the best series of all time between the Orlando Magic and the Cleveland Cavaliers, which was eventually won by the

So, why do I bring these historical results up? Well, that is all I needed to prove that the NBA playoff season is one of the best times of the year, just because of the competitiveness of the games and the good chance that a game will come down to the final two minutes no matter what.

This year, it seems as if the matchup that everyone is looking forward to seeing in the Eastern Conference is the potential matchup between the Miami Heat and New York Knicks. Both teams have at least two superstars,

and Miami obviously has its "Big Three" that basically proclaimed themselves to be the champions after LeBron "took his talents to South Beach." I feel that this is the only chance for an upset in the Eastern Conference, as the East is extremely topheavy when it comes to the playoffs, especially this year. Once we get through the first rounds, however, that is when the real fun will begin in the East.

This year's MVP, Derrick Rose, will look to bring the first championship back to Chicago since Michael Jordan. The previously mentioned Heat will try and justify their big talk during the summer. The Celtics look to prove that they still have a few more runs left in them to ship. And, of course, Dwight Howard looks to get over his kryptonite, winning an NBA Championship.

Over in the Western Conference, we always get the treat of seeing a ton of great first-round matchups because of the unbelievable depth that the West presents. Although the top four teams are strong, the bottom four teams always have a chance to upset, and it will be awesome to see a team like the Memphis Grizzlies, who are one of the hottest teams in the country, go up against a veteran team like the San Antonio Spurs.

Not to mention the marquee matchups between the Portland Trail Blazers, who everyone seems to overlook, and the Dirk-led Mavericks, who have yet to get over their playoff woes as well. Not to mention the young Oklahoma City Thunder, who are coming off their first division title, against their division rival, the Denver Nuggets, who are probably the deepest team in the league at this point in the season. No matter what, the West is sure to have its drama, as most of these teams hate each other from that long regular-season grind.

The NBA playoffs are definitely "Where Amazing Happens." Whether it be Bruce Bowen blindside tackling Steve Nash into the scorer's table, Jordan pushing off Byron Russell and sinking a game-winner, or LeBron hitting a miracle three-pointer at the buzzer to give the Cavs a win over the Magic, the playoffs pack a huge punch of excitement.

I expect this season to be on par with, if not better than, past years, and like many of you, cannot wait.



Lisa Marion Garcia attempts to beat the school record for pole vaulting Saturday.

impressed with Jackie's performances today. She qualified automatically for the 100meter hurdles. It's just very impressive. I don't think she even knew she ran that fast. And then she also provisionally qualified in the 400-meter," said junior Luci Laffitte.

Laffitte and her 4x100meter relay, also consisting of senior Kim Nederlof, Guevel, and junior Ivana Moses, set I'm looking forward to races next week and conference the week after. Hopefully [I'll] improve my time even more."

Marion Garcia pole-vaulted

See TRACK, A9

Compubookie: SDC beats Fringe for win

COMPUBOOKIE

Special to The Tartan

Greetings Buggy lovers, over-zealous alumni, and Tartan readers.

Another year of Sweepstakes is rapidly approaching with 11 teams competing for the top spots. Carnival is less than a week away, just in time for my yearly predictions. With strong freerolls from the top-tier organizations, this race will prove to be both exciting and close. Given the conditions of the Chute, expect the hay bales to make plenty of friends come race day with the potential for a shake up at the top.

Starting with the women's heats: Look for Fringe's B team to come in at sixth place due to their technical expertise and slower pushers. SDC C will come in at fifth to be the lowest placing team for them. With strong pusher depth and equally strong buggies, they should find themselves in the second day. SDC B will edge out their C team competitors to place fourth. With the speed coming out of PiKA, Fringe, and SDC expect a close race at the top. PiKA's slow push team from last year makes it an easy pick as the worst of the three. Fringe A will edge out PiKA but lose to the dynasty that SDC has on the women's side. With nearly ten seconds over the competition last year, expect SDC to once again hoist the women's

Moving over to the men's side, I predict an extremely close race at the top with the top three teams rolling faster than years past. Starting from the bottom, PiKA's abysmal performance last year as an organization will see the B team drop down to a speed just fast enough to make it to Day 2. CIA will finally find themselves in Day 2 with their new buggy and their motivated team. Fringe B, along with PiKA B, heads the list of disappointments as they will roll themselves into eighth place. Spirit A's strong push team will land them in seventh place as long as the buggy can make it through the Chute. SDC C will be the first C team to ever break the 2:10 barrier as they prove to embarrass another A team this year. SigEp

A will again roll strong with a powerful push team but will not make it into the upper echelon due to weak mechanics. The last four spots will be owned by SDC, Fringe, and PiKA again. PiKA A will look to redeem themselves this year and improve on their womanly slow time from last year. SDC B will break the B team record again a third year in a row and be the first B team to reach the 2:06–2:07 range. The top two teams will break away and make this a twohorse race for the top. Look for Fringe A to improve their team record from last year with a new buggy and Beta pushers. Finally, SDC A will take back the cup with the expected chip on their shoulder.

That's it for me this year. My bets are on SDC to sweep the races and Fringe and PiKA to make things interesting. I will be there of course, but you'll never see me.

Editor's Note: Compubookie is an anonymous entity who publishes yearly predictions about Sweepstakes winners. Compubookie has no affiliation with The Tartan.

SDQ: FMB's #1 fan Fringe: Winners in 2001,

20103

Spirit: You spin me right round, baby, right round. Sig Ep: Is pushing buggy the only time you get behind a

girl? PiKA: If SDC builds a fourwheeler, will you copy that

Sig Nu: Buggy is their second favorite thing to roll.

AEPi: Robobuggy — Favorite to win in the non-competitive category.

Kap Sig: If at first you don't succeed, try, try again.

SAE: Slow Ass Engineering. **CIA:** Ascending to the top 10

this year. Pioneers: Discovering new ways to lose year in and vear out.

Beta: Fringe's new pledge class.

Predictions:

Men's: SDC A; Fringe A; SDC B; PiKA A; Sig Ep A; SDC C; Spirit A; Fringe B; CIA A;

Women's: SDC A; Fringe A; PiKA A; SDC B; SDC C; Fringe B

ATHLETE PROFILE

Ian Bangor shows lifelong golf passion

CARINEH GHAFAFIAN Staffwriter

Business administration major and Pittsburgh native Ian Bangor has been a consistently strong player on the Carnegie Mellon men's golf team this year.

As one of only four firstyears, Bangor has made a significant impact on the team, and learned a good amount from the sport as well.

Beginning the sport at the age of six, Bangor was influenced to play by his father, a Carnegie Mellon golf team alumnus. Having his father there from the start, he was able to learn the fundamentals of golf at a young age. Since then, Bangor has taken lessons from PGA professionals and has kept up his game by playing against his father in his spare time for fun.

He has been devoting his summers to numerous golf tournaments, ranging from Pittsburgh-area courses to traveling to various states across the country.

Choosing to play at Carnegie Mellon because of the good team dynamics, Bangor finds himself interacting with the golfers daily. "We have team dinners during trips, and team workouts in the winter. We hang out a lot as a team," he said. Using this team dynamic in a positive way, Bangor keeps himself going during moments of poor play by focusing on the feeling of accomplishment when he plays well. "Being such a mental sport, you get into streaks of bad play sometimes. But when you do play well, there are very few things that are more rewarding," Bangor said.

Bangor sees himself playing golf for the rest of his life, and knows that it is something he will always be passionate about.

He describes it as something besides school that he is really driven to do. Having played the sport for over 10 years now, Bangor has learned numerous lessons, involving golf as well as general life occurrences. Bangor said, "Even when things seem like they're at their worst, you just have to keep going and find something to keep you going."











Reunion Weekend 2011











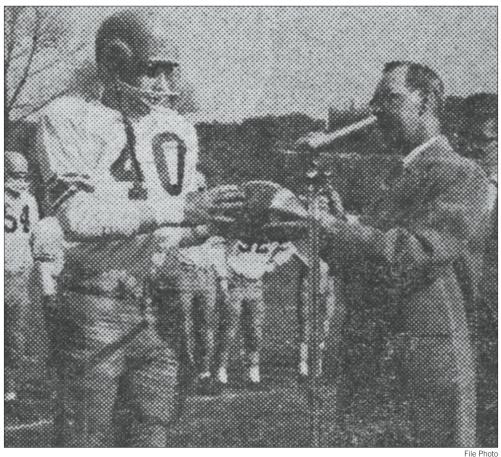




B2 « thetartan.org/special The Tartan » April 11, 2011

1960–1961

Homecoming opens Tech Field What's wrong with Tech women?



Emil Lucas, chairman of the Steffin Committee, and football Captain Gary Yarbrough display the football used to kick off the Homecoming game

OCT. 26, 1960

The famed Kiltie Band marched across an emerald green football field through lines formed by the CIT and University of Rochester football teams on Saturday, October 22, Homecoming Weekend, and colorfully opened the dedication ceremonies of Tech's new field.

Before a student and alumni filled stadium, the Director of Athletics commented that the death of Tech's all-time favorite coach, Eddie Baker, was the end of an era on this campus and he was honored by a moment of silence.

Great Progress

President Warner then introduced Mr. James Bovard, president of the Board. Mr. Bovard stated that it has been thirty years since Tech has played football on a field which was located on the campus. It was his opinion that the Tech field is evidence of the progress of the development prgram and that the field will promote better ties between faculty, student,

The Football

Mr. Emil Lucas, Chairman of the Steffin Committee, handed the football to Captain Gary Yarbrough and requested that after the opening kickoff, the football be replaced.

The original football is to be autographed by all concerned with the opening of Skibo Bowl and to be placed in the Tech team's trophy case. Mr. Lucas then closed the ceremonies saying "Play hard, play clean."

Memories from old Skibo linger

Lonly heard reports about what Skibo used to be, but from what I gather it was an old aircraft hangar. It was dirty and dusty and you could see the steel rafters. Although it was in a good location, it did not have the atmosphere of the new Skibo. I've heard people say that they liked the old Skibo better than the new, but I don't see how this could be possible except for origi-

ing Skibo was fully initiated. The tables were all full of people gazing at this new splendor. The glass windows give a feeling of being right in the outdoors. The big, shiny stainless steel counters make the cafeteria seem clean and sparkling.

There is lots of room in the new Skibo. There is always room for one more friend at a table. The food, prepared by

Stouffers, is very good. That By 10:30 Monday morn-delicious coffee sure hits the

> I'm told that the engineers used to write on the tables in the old Skibo. I haven't seen them doing this yet, but I'm sure that they'll be able to discuss their problems even better in the new Skibo.

> Soon the new Skibo will seem like it's been here for years and it will take on the same familiarity as the old

Spring Carnival and its traditions date back as far as the 1920s

APRIL 12, 1961

Many traditions centering around Spring Carnival come and go, enjoying only a brief popularity of several years, but the traditions of Spring Carnival are so much a part of campus life that May without Spring Carnival would not truly be May. The first Spring Carnival was celebrated as Campus Week in 1920 and consisted mainly of athletic events, departmental exhibitions, concerts, and a dignified parade across campus.

In 1921, the spirit of Campus Week changed drastically. The pushmobile races, which had been held in comparative seriousness the first year were given a new ruling, that midway in the race each buggy had to stop and change the left wheel to the right side and vice versa. In 1921, according to the Thistle, "two orchestras alternated (at the dance), confetti snowed, flappers flapped, streamers streamed, and a good time was had by all."

By 1922, Carnival was a real blast. The emcee for Call Day was completed with "four trucks, five wagons, and a few

noisy citizens from the Appian Way" — wonder what that street was? A huge costume party was held on Saturday night to which Rudolph Valentino-Theda Bara type costumes were worn.

After the dance, a slumber party was held in the Gym for girls living off campus. The musical production of the year, a comedy written by one of the drama students, was censured by the Thistle for being "replete with more than the usual amount of profan-

1924 was the year everybody wrote verse and it was inevitable that Spring Carnival would also be afflicted. The Thistle recorded that Campus Week "With its freedom and joy, it sure peps up a boy as no other soft drinks

A migratory dance on Friday was a feature of the 1926 Carnival. The dance started at the Union, and roamed all over the Campus. This was a very gay year. To give an idea of how gay-a Post Arts Ball was held the night after the Arts Ball.

Nasty Carnival weather was first recorded in 1927, by which time the squad athletic events of the first campus week had definitely lost ground to hangovers and slow recovery as revelry gained in importance.

No Carnival was held the following year because the alumni wished to ban students from Campus Week, while the students wished to ban the alumni. No Campus Week was held—this was the compromise that was reached.

Carnival returned in a small way the next year. Much to everyone's relief, students were not banned from campus that week, nor were alumni; Carnival gradually gained stature with age and hallowed with tradition.

Some Carnival highlights since then have been: 1937— Gidas advertised corsages for Spring Carnival at \$1.00, 1940—Glenn Miller played for the Saturday night dance, Scotch 'n Soda bragged, S 'n S can soon afford to tear down and use the lot to build a permanent theatre, a girl's buggy race was held with baby buggies, the "babies" being 18 years old and up with bonnets and bottles.

FEB. 15, 1961

Andy Merson, Printing, Junior: "Since my fraternity has been closed down, I've seen very little of the opposite sex. However, prior to our misfortune, I found many of the Tech girls most interesting and enjoyable.'

Mike Flynn, I. M., Senior: "A great many are pseudo-intellectuals and other are intelligent, but for fear of frightening the male populace, they revert to a high school level of conversation. A small minority are real persons."

Pat Jones Drama, Sophomore: "Tech girls seem to let their personal appearances slide. Quite a few of the 'slobs'

could be quite attractive if they would take care of themselves, and a lot of them must have been attractive before they came here. They seem afraid for some reasons or another, to let themselves have fun on a date.

One bad idea held by the inhabitants of Morewood Gardens is that we have to date there. Bosh and nonsense! Chatham, Presby, and Mount Mercy have always welcomed Tech men.

It might be interesting to note that the percentage of fraternity men dating outside of Morewood is at an all time high and is still expanding."

Stu Warshawsky, Playwright, Junior: "Who's complaining?'

Andy Komer, Civil Engineering, Junior: "All the Tech women should display the enthusiasm, spirit, noise, sex-appeal, and charm of the cheerleaders."

Leslie J. Cohen, Civil Engineering, Junior: "Nothing that Pitt women wouldn't

Jack Logue, Civil Engineering, Sophomore: "The minority groups button the top button on their blouses, and they can't hold their liquor, and the majority of this minority will either grow up to become gigantic parasitic wallflowers or attain the status of a leather bound edition of the Britannica."

WRCT radio opens new studios

JAN. 18, 1961

Wednesday, February 8, marks the official opening of WRCT's new studios. KDKA TV will televise the official ceremonies on the "Daybreak" tomorrow at 7:30 a.m. WRCT is holding an Open House the whole day during which the faculty and student body are invited to tour the new station.

The new studios, equipped with the latest professional equipment, are the first step to an extensive development program. Future plans include the extension of transmitting facilities to all the fraternity houses, Forbes Hall, Schiller Hall and Doherty Graduate House. WRCT also

contemplates the innovation of FM broadcasting within the next year.

In the field of programming, WRCT is extending its air time. There will be a program from 7 to 9 o'clock entitled "The First Cup of Music" and "The Second Cup of Music" which will feature the type of music that eases the sound of your alarm. The evening schedule is being extended as well. WRCT will continue to bring you your standard favorites such as "The Music of the Masters" and "Night Train." But there will be new and modern additions.

"Dateline," an informative campus news and editorial program, is being introduced. Immediately preceding "Music of the Masters" will be an entirely modern program, "Patterns in Music," which follows the desirable idea of much music and little chatter. For Saturday night studiers, there is a request show called "Twilight Zone" from 10 p.m. to 1 a.m. Rock 'n Roll fans will enjoy "Club 90," from 4 to 6 daily. Sports coverage will be complete; featured will be live broadcasting of all football and home basketball games.

WRCT will have one of the most advanced operations in collegiate radio, rivaling and surpassing commercial installations. These technical advances, when incorporated February 8, will provide a new high in the quality of WRCT broadcasting.

TriDelta and ATO take first at annual Greek Sing competition

A near capacity Greek Sing crowd jammed the Skibo ballroom Saturday night to dance to the music of the Bobby Vinton Band and to await the announcement of the winners of Friday's Greek Sing.

Fraternity Competition

First place in the fraternity competition went to Alpha Tau Omega conducted by David Grebos; they sang "Roll On Monongahela" by Schmertz and arranged by Hamilton, and "The Legend of Mike Fink" by Kilpatrick and Hamilton.

Sigma Nu, directed by

second place singing "Now Is the Month of Maying" by R. R. Terry, and Richard De Castre's "Prayer to Jesus" by Morley. Third place, Phi Kappa Theta, directed by Thomas J. Good, sang "Sometimes I Feel Like a Motherless Child" and "De Animals A-Comin," both Negro spirituals.

Delta Delta Won first place in the sorority competition. They were directed by Phyllis Ihrig and sang "Sweet and Low" by Holst, and "Les Charpentier's Du Roi" arranged by Cockshott.

Second place was awarded to Delta Gamma directed by

Norman R. Goldblatt, won Dorothy Gantos for their rer dition of "Shepherd, Shepherd, Leave Decoying" by Purcell, and "Peregrine White and Virginia Dare" by Benet and Kubik. "Whither Runneth My Sweetheart" by John Bartlett and "Absolom," an old English round, won third place for Kappa Alpha Theta led by Beverly Patton.

Scholarship Awards

Greek Sing co-chairmen Judy Kostura and Dave Morris also awarded the fraternity scholarship trophies. Alpha Tau Omega received first place for scholarship and Theta Xi received first place for pledge scholarship.

Heinricher named Carnival Queen



May 10, 1961: Vivienne Heinricher, pictured above, is crowned Carnival Queen under crossed sabres. The coronation took place on Flagstaff Hill on Friday. The three finalists, Heinricher, Judy McKee, and Gretchen Friebertshauser, were escorted to the stage by ROTC officers at the beginning of the program. Later, Spring Carnival was opened with the crowning of Queen Vivienne by Tech's vice-president H. Russell Bintzer.

1970-1971

Secret underground steam tunnels explained

APRIL 1, 1971

The Carnegie-Mellon "underground" will be disturbed to know that it has been discovered! But the underground referred to here is a literal underground, the system of navigable steam tunnels about which many of you have vaguely heard but never seen. Here they are finally exposed to the public, so that you may inspect them yourselves at "your own risk."

The purely function purpose of these tunnels is to house the steam pipes leading from the power plant at Hamerschlag to the other classroom buildings.

However, the tunnels serve another, more interesting, cause: they provide an intriguing trip through a cement and pipe hot house, a journey sure to interest any up-and-coming spelunker.

The tunnels extend from the gymnasium to Hamerschlag Hall, with off-shoots still being explored. The temperatures inside the tunnels (which, incidentally, are lighted) range from a cool 60 degrees to a dry dusty 100 or so. The dimensions of the tunnels vary according to location.

Beneath the Fine Arts building, the height of the tunnels is about four feet, its width three feet. These cramped quarters are no doubt due to a lack of appropriations for a larger one for the Fine Arts complex. Toward the gymnasium or Doherty Hall, though, the tunnel increases to a height of about seven and one-half feet and a width of five feet. You can touch the pipes if you want,

but you won't want. They can be hot and/or dirty. Don't waste your sense of touch on them.

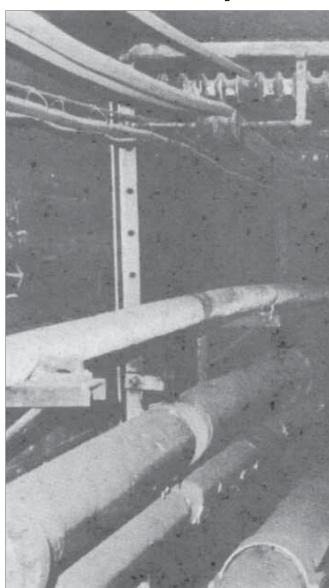
There are repeated places where the sign "Employees Only-All Others at Their Own Risk" appears in stenciled paint on the brick walls. I guess this means that the public isn't allowed through the tunnels, but nobody will stop you if you are. With one exception. If you happen upon the pipe warehouse deep in the bowels of Hamerschlag Hall, which requires going through the yet-to-bedesigned comp-sci building, you will be kindly told that permission is required from a mythical office somewhere nestled in C-MU. You can believe them and leave, but will your curiosity be satisfied? Is that even relevant?

To get any further than Doherty Hall, you must unlock a door which appears at first to be a dead-end. Do not be troubled, because this lock will operate with any key. The door will open into the compsci building, and from there you can feel around to find the next leg of the tunnel.

Other than the preceding, few obstructions will fall in your way while exploring. If an employee threatens to expel you, just begin to shake one of the pipes and you will be left alone. What person wants to be faced with 500 cubic feet of steam in his face?

Also, what employee will want to fix the pipe after the heat disappears in all classrooms?

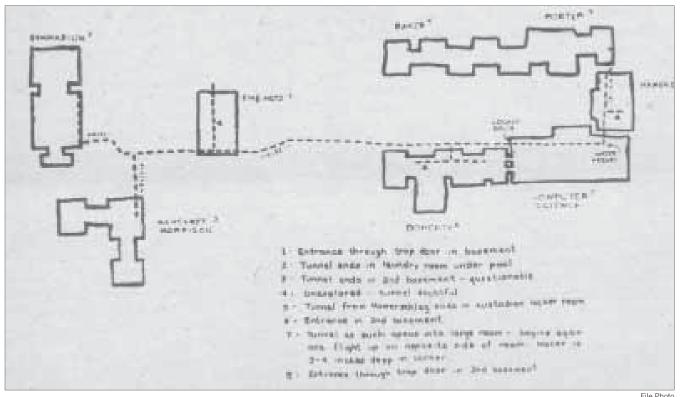
At any rate, the tunnels are there. Wear old clothes. Get a can of Fanta Grape. Bring your



The pipes underground can be very hot and dusty.

date. Frats can initiate pledges there, paranoid hearts can smoke there. Bring chalk and write on the walls. Be the first on your floor to explore the tunnels. For written permission (Xerox copies only) to traverse the tunnels, send two box tops and an inner seal from any size jar of Tang to Box 806, C-MU, via campus mail

You will get in return a worthless sheet of paper saying that you are an authorized personnel, the same type of person permitted to use the tennis courts.



A hand-drawn map provides more clarity on how to navigate Carnegie Mellon's underground steam tunnels.

Street fighting causes injuries to students

JAN. 21, 1971

Street fighting broke out between off-campus elements and members of two campus fraternities early last Sunday morning after three C-MU students had been assaulted.

The outsiders, mostly high school students, had been attracted on campus by a dance in the Skibo ballroom sponsored by SPIRIT. About 450 people, many more than had been expected, attended the dance which was to be open to SPIRIT members and their guests only.

Many of those present, however, were uninvited, and they were not to be denied entrance. Breaking the Ballroom's wooden lobby door, off its hinges, they swarmed inside.

Open House

Dance authorities then decided it best to allow the intruders to attend, trying to make the best of a bad situation. Inside the dance a fight broke out between two offcampus people over an undelivered \$7.00 sale of marijuana. Both were taken to the campus security office.

Meanwhile, a cash box containing \$17.00 of change was stolen from the Tartan Grill, and an attempt was made to steel an electric typewriter from the TARTAN office. Total damage to Skibo

was estimated at \$250.00.

Anticipating trouble when the dance let out, Security Head Ron Taylor called in the midnight shift of the Campus Security Patrol early, and at 11:20 asked for stand-by assistance from the Pittsburgh Police. Four to six squad cars and a Tactical Police Force Van were present during the next hour, cruising the Fifth and Forbes Avenue areas near Morewood Avenue.

Party Over

At midnight, the dance ended, and the crowds left the Skibo area without incident. At 12:15, however, two C-MU students, Vic Roger and Dan Rosen, returning to Moreweeod Gardens from the Dorm Movie, were assaulted at the traffic light on Forbes near the foot of the cut.

At the same time, Mark Squires, of SAE, was crossing Morewood Avenue from his fraternity, heading for Etower.

He noticed a disturbance at the corner, and when he reached the other side of Morewood Avenue, he was set upon by four strangers. **Loan**

"Let's ask this guy", he heard one of them say. They asked Squires if he had any money. Squires said, "No", and then was hit in the face and knocked to the ground. Squires saw that he was about to be kicked as well, and managed to roll away and get to his feet.

His face bleeding, Squires dashed back across Morewood Ave., into ATO where he found two brothers, Tom Zinn and Paul Comoromy. Both immediately ran outside to find out what was happening, and were set upon in front of PKA by club-bearing assaultants. Zinn received two puncture wounds in his hand from nails in one of the clubs and Comoromy was slammed over the head with the blunt side of another.

Phi Alpha!

Squires meantime went over to his own fraternity and cried out the fraternal danger call, "Phi Alpha!". Five SAE's immediately ran from the living room out onto the street, expecting as normal to find that someone had been painting the house's decorative white lions.

Instead, they found Squires bleeding and dashed off with Zinn and Comoromy towards Fifth Avenue to find the attackers.

At the corner of Fifth and Morewood, they came upon about fifty people. Some were waiting for a bus; others were waiting for people from the fraternities. By this time Security Head Taylor and Dean Williams were present and they attempted to keep the two groups apart. They had some success.

Wanderers

Two disinterested pedestrians were also injured during the fighting. Both were warned not to go down Morewood Avenue by director of Student Activities Bob McCurdy. But they insisted on going over to Fifth Avenue in spite of the trouble. Both were taken to Shadyside Hospital for facial injuries and then released.

A total of six people were hospitalized. The entire incident came to a close with the arrival of several police cars, a Tactical Police Force Van, and a PAT bus.

Most of the off-campus people crammed onto the bus and went home. Those left behind ran over the hill behind Mudge. No arrests were made.

18- through 20-yearolds gain right to vote

DEC. 10, 1970

Eighteen through 21-yearolds are now eligible to vote in all governmental elections.

As a result of the passage in Congress of the 1970 voting rights amendment act, 18–20 year olds here in Allegheny County may register to vote in the May primary elections and all that follow them.

Registration is being held through March 29 in room 602 of the County Office Building downtown on the corner of Ross St. and Forbes Ave.

Those who register will be issued "provisional memorandum" to be followed by permanent registration cards if and when the United States Supreme Court upholds the 1970 voting rights amendment act. The appeal of several states against the constitutionality of the new congressional law is now before the Supreme Court.

Pennsylvania's Governorelect Milton Shapp said on Dec. 3, "If the courts find the law unconstitutional, then I intend to do everything within my power to secure a constitutional amendment that will permit Pennsylvania to lower the voting age in our state."

Opponents of the voting rights amendment content that it is a violation of state's rights and that voter eligibility cannot be legislated federally, but only through constitutional amendment which must proceed through the state legislatures.

Pennsylvania does not op-

Student strike prompts FBI investigation, several Carnegie Mellon students interrogated

SEPT. 3, 1970

(Editor's Note: Last May, as part of CMU's participation in the national student strike, the ROTC office was broken into and ransacked. While few people actually entered the office, a crowd of approximately 1,000 demonstrated outside. Those close to the building tore up files thrown to them by those inside. The writer of this article was among the several CMU students contacted by the FBI this past summer regarding the demonstration.)

As a result of last May's activities at the CMU ROTC office, several CMU students are currently under investigation by the FBI.

An estimated 20 students have already been contacted. Many pictures of the demonstration are being used for

further identification of participants.

The typical format of questioning starts with the showing of credentials. No statement is made regarding the rights of the interrogated to remain silent or to have an attorney present.

Generally about six pictures are shown and he is asked if he will identify any of the people in the photographs. If this general question receives an unsatisfactory response, questions are asked about specific persons.

After asking about others, the agent then inquires about the extent of involvement of the individual being questioned. The agent then tries to gauge the student's political mood by asking relevant questions. One student investigated reports that his agent asked

him if "this was an isolated incident or part of the international Communist conspiracy." Another frequently asked question is "What groups do you belong to?"

While the agent was interrogating me, he asked that I not reveal the news of the FBI investigation in The Tartan. He commented essentially that we could work with an attitude of mutual cooperation and that if I could keep this information secret, they could keep my name out of the investigation.

CMU Dean of Student Affairs Earle Swank in an interview this summer revealed that CMU administration knew of the investigation and had granted the FBI permission to interview students on the campus provided a member of the administra-

tion could be present at the interrogation session. When asked why students had not been notified of the investigation so that those likely to be questioned could seek legal counsel, the administration responded with the statement that this investigation was considered a minor incident and that they did not wish to make it out to be more than it really was.

A prominent attorney advises those contacted should refuse to speak with the agent unless in presence of an attorney. The methods used by the FBI in their investigation might also be called into serious legal question.

ous legal question.

The purpose of the investigation is allegedly to accumulate evidence for a destruction of government property

ne art

1980-1981

Reagan reflects party's passion Robotics Institute dedicated;

OCT 7, 1980

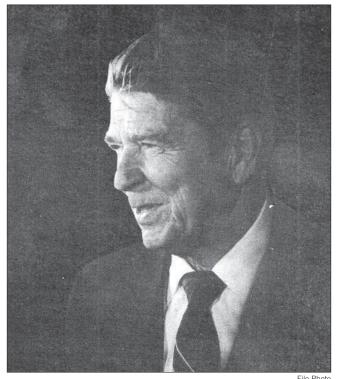
Reagan's recent visit to Pittsburgh reflected the Republican party's passion to once again control the federal government. Reagan appeared at a fundraising breakfast for Republican Senatorial candidate Arlen Specter last Thursday, October 2 at the Greentree Marriot Inn.

At the \$100 a plate breakfast Reagan stressed that there will be "24 Democrat Senators up for re-election: and if we get 9 of those 24 seats, we will hold one house of the Congress for the first time in more than a quarter of a century.'

Republican Senator John Heinz was also at Thursday's breakfast. Heinz compared Specter, who is currently behind Flaherty in the polls (48%-43%), to Thornburgh who was also behind before the election, but eventually

The three Republican candidates running for Congress were announced at the breakfast. For the city of Pittsburgh, Stan Thomas will run in the 14th district, Steve Snyder in the 18th district, and Kathy Myer in the 20th district.

"The economy," Reagan said again, "will be the major issue of this campaign." Reagan described this economic plan as having tax cuts; an across the board income tax cut of 30% in three years, 10% each year. The plan calls for increased depreciation in business and industry, a 6% annual increase in the de-



Reagan visited Pittsburgh to campaign for the Republican Party.

fense budget, and no cuts in any federal programs. Reagan hopes to balance the budget by 1983.

Reagan reminded his Republican audience of the current administration's difficulties with budget. "With the pressure of this administration the Democratic majority in the Congress is going to adjourn without adopting a new budget...they have no budget because the Carter administration did not want to release the figures for this fiscal year that will show a \$77 billion

On the steel industry, Reagan said, there are "5,600 regulations administered by 27 separate government agencies. That would sum up entirely what the steel industry's problem is."

Reagan wants to cut regulations. His answer to unemployment is to "put government in its place." Two days after Carter announced his new plan for the steel industry, Reagan said that it was the same plan that he had proposed two weeks previously.

Reagan concluded by telling the Specter supporters to send the Republicans to Washington, "and if you don't, this probably will turn out to be than regular price for breakfast."

future research projects outlined

DEC. 9, 1980

Today is the official opening of CMU's Robotics Institute, one of the largest and most controversial projects ever set up by a university.

CMU is presently collaborating with Westinghouse Eletric Corporation to create and refine the "factory of the future." The cost: \$1.3 million per year. The University is also working with the U.S. Navy on underwater exploration with robots; negotiations are underway with numerous industries and government agencies to gain support for other projects.

Preceded by a press conference and tour, public dedication ceremonies are scheduled for 10:30 this morning in Porter Hall 100. Tentative speakers include scientist and television personality Carl Sagan, Massachusetts Institute of Technology artificial intelligence expert Marvin Minsky, U.S. Navy Admiral Baciocco, a top Westinghouse official and one or more of these politicians: Governor Richard Thornburgh, Senator John Heinz and Pittsburgh Mayor Richard Caliguri.

A discussion on CMU and robotics, led by University President Richard Cyert, will follow the speeches. Open house and public tours of the robotics facilities are scheduled for 3 to 6:30p.m. today. Facilities are in the Science Hall/Hamerschlag Hall area of campus.

Three major robotics demonstration labs will be showcased: A "flexible" manufacturing assembly for turbine blades; the insertion of electrical components in printed circuit boards; intelligent management systems, Numerous other demonstrations, such as robot sensors, which imitate the sense of a human being, have been planned.

A staff of over 35 CMU professionals is currently involved in robotics-related research in manufacturing science, sensor technology, computer science and artificial intelligence. Raj Reddy, professor of computer science, is director of the Robotics Institute. Daniel Berg and Angel Jordan, deans of MCS and CIT respectively, are also involved in coordinating ro-

In the venture with Westinghouse CMU's research "has been designed both to make productivity improvements and, at the same time, work towards the fully automated 'sense, think and act' factory for a batch production of goods," Jordan said. The three production areas of concentration are turbine components, printed circuit-boards and lamps.

Other robotics research at CMU includes mobile robots, visual sensing through laser optics or infrared, and other electromagnetic radiation, and non-visual sensors-tactile, chemical, and electrical.

What will be the results of this work? In addition to redesigning the factory and harvesting/managing the oceans, other projects for the future could be automated mining, nuclear rescue and powerplant inspection, working in space and possible medical applications.

While most of today's work is being done with "tele-operators" (i.e. robots totally operated by humans) the future robots will be "autonomous" (i.e. on their own)-technologically, a far more challenging feat. A tele-operator can be used in conditions dangerous to human workers, such as inspecting highly radioactive sections of nuclear power Semi-autonomous plants. robots could be used where it is costly and dangerous for humans-space for example. Autonomous or "thinking" robots could be used where control by humans is unfeasible or impossible, deep space, and deep water being two primary examples.

The major benefit of robotics, according to CMU officials, will be increased productivity throughout industry and government. It is argued that the loss of some jobs to robots will be more than compensated by increased productivity, new jobs and decline in the growth of America's working age population.

The impact of robotics is currently being studied by Robert Ayers, professor of engineering and public policy.

Compubookie predicts final results

APRIL 22, 1981

Note: The Compubookie is a little green gnome who lives under the Panther Hollow Bridge and comes out once a year to make comments and predictions on the buggy races.

After Pika's White Lightning blew away the competition last year, I have been anxiously awaiting the new buggies that will challenge for the top spot. Rainy weather has dampened my expectations though, and there might not be enough time left to prepare a new buggy for raceday. I will venture to say that warm weather coupled with the freshly paved course will allow the first sub-2:15:0 time in history. Following is a look at some of the entries and my predictions.

Alpha Tau Omega

The house on the corner is hoping a colosimo effort will enable them to muscle their way into a top six space. But their rangy push team appears a bit rusty and their effort could be much like fishing for the elusive soupbone. Any smart nerdlen will tell you, however, that if their new buggy rolls, ATO might be the surprise of this year's

Beta Theta Pi

Beta has been tinkering with the idea of a crash course on girl drivers. But they have countered their loss of the 825 with a prince of a new buggy. If it rolls as expected, the red bird will sing with glee; otherwise, it will be tough for them to snake into first place.

CIA returns once again to try to improve on their perennial third place finish. After much research, Avi's florist has decided a straight course would be a major improvement on their normal twisting and spinning freeroll. But the CIA push team is no longer awesome and their pot of gold seems unattainable.

Pi Kappa Alpha

It looks like the sad puppy has pulled another fast rolling buggy off the Kinsman's shelf. Push practices have shown the Pikes' ice-cool, veteran push team is not about to snuggle up with anything less than the big one. When the final count is in, a hulking effort should leave them in the top spot again. Anything less than a victory would be like kissing your sister.

Phi Kappa Theta

The Phi-Kaps have decided to scrap their mower and head for greener pastures. Their fox has escaped the zoo to bring them potentially valuable information. But still, the Phi-Kaps are a year or two away from winning a sweepstakes trophy (or anything else for that matter).

Sigma Alpha Epsilon

After their stunning Greek Sing loss, the Bim-Bams will be roaring into carnival looking for a trophy. Booth seems to be their only shot, since any jughead knows that their fountain has run dry. Their post-race disappointment should be eased though, by their numerous little sisters led by Trihart's mother.

Predictions

1. Pi Kappa Alpha — who says lightning never strikes

2. CIA — with a little magic they could win it all.

3. Beta Theta Pi — hill five will be a little longer this

4. Pika "B" — the chrome three wheeler rides again.

5. Alpha Tau Omega only if they keep their rubber on in the presence of their girl drivers.

6. Sigma Nu — still rocking to the same old tunes.

Nobel laureates meet in Pgh, speak at CMU

FEB. 17, 1981

of American Nobel Laureates since 1962 assembled in Pittsburgh last week. Arrangements and planning by CMU brought over a dozen laureates to the city for a convention center dedication, a TV panel discussion and four speeches at CMU.

Arthur Kornberg

In 1959, Arthur Kornberg was appointed head of the department of Biochemistry at Stanford University and awarded the Nobel Prize in Medicine for his work on enzyme-based replication. Kornberg has continued his work at Stanford, focusing on how DNA, the body's chemical transmitter of genetic information, is formed. Other genetic transmitters form themselves from simpler chemical components, but DNA must have a template on which to build itself and an enzyme to start the replication.

His work was a major factor in allowing biochemists to make these and other discoveries about the complicated duplex strand that is the backbone of DNA. Kornberg con-

tinued his lecture by outlining his current research which in-The largest convocation volves reproducing the coiled double strand of DNA in the laboratory.

Hans Bethe

Nuclear theoretical physicist Hans Bethe spoke to a crowd of about 250 people in Science Hall 7500 last Wednesday. Awarded the Nobel Prize in 1967 for his work on the carbon cycle, which explains energy production in stars, he has made major contributions to almost every area of physics.

His lecture here centered on his work in astronomical physics. Bethe explained that the collapse of a star (white dwarf) takes less than a second, but gives off a tremendous amount of energy. This almost instantaneous release of energy (more than the star produced during its thousands of years of existence) creates what physicists have called neutrinos.

Neutrinos are only created when a star collapses. Although Bethe and his colleagues are not sure if these neutrinos have mass, they know they are so small that one can easily pass unob-



Saul Bellow addresses the audience about his work in literature.

structed through a planet. Although "we don't know what happens," Bethe said, "We have very strong faith

that the theory will work." Saul Bellow

"A Converstaion with Saul Bellow," recipient of the 1976 Nobel Prize in Literature, was held with a capacity crowd in the Wherrett Room last Thursday afternoon. Bellow made no opening statement, but explained he was just interested in answering questions.

"I don't believe the university is an ivory tower," he said, but the value of a writing program "depends on the students and teachers." Accordingly, he also said, "A writer can get better experience outside of school or newspaper jobs."

William Lipscomb

The 1976 Nobel Prize in Chemistry was awarded to William Lipscomb, who spoke on his current research with enzymes at Mellon Institute last Friday.

Enzymes are large chemical compounds that occur naturally in all living organisms.

They speed up other chemical reactions by providing a site where these other reactions can take place.

The enzyme, however, is not used up, and after it releases the product of the reaction, it can go on to speed other reactions.

Lipscomb has been using x-ray diffraction to discern the exact shape of enzymes, and how they can provide this binding site for other reactions without reacting themselves.

National Nobel Prize Winners Gather in Pittsburgh

Last week over a dozen American Nobel Laureates convened in Pittsburgh for the largest gathering since the Kennedy administration.

Past Nobel Prize winners spoke to the public on a variety of topics, including the energy problem, culture in America, research in genetics, the aesthetics of science, and foreign aid policies. The convocation was held in the new David L. Lawrence Convention Center.



Arthur Kornberg, recipient of the Nobel Prize in medicine, spoke on his research on the formation of DNA

THETARIAN

1990-1991

Soccer christens new stadium Displays of tolerance backfire



The first point awarded to Tartans soccer in Gesling Stadium was actually scored by a Hiram player.

SEPT. 10, 1990

Amidst the flood of hype for the upcoming football season, the Carnegie Mellon soccer team quietly became the first team to win a game at Gesling Stadium.

The Tartans opened their season Wednesday by stomping Hiram, 3–0. The victory served as a good first test for a young Tartan team with a newfound depth problem.

The Tartans' depth will be tested this season by the loss of sophomore sweeper John Stivoric. Late in the pre-season, Stivoric suffered a broken bone in his right foot and will be gone for the year.

"Losing John is really bad luck for us," said coach Nick Gaudioso. "John was one of the best sweepers in Division III. There's no telling how good he could have been."

Junior midfielder Alan Hom will play Stivoric's role for the time being, but Gaudioso is concerned. "Alan is a very good player, and he can fill John's role well, but then we're losing a player from our offense."

Gaudioso has less cause to be concerned after the Tartans' win over Hiram. Although the Tartans dominated the game, they were assisted by luck early on. A Terrier defender headed the ball into his own net less than two minutes into the contest to give the Tartans the lead.

There was no luck involved with the second goal, though. Sophomore Terence Sibiya took a pass from senior Chris Kasabach, blew down the right side past the Hiram defense, and blasted the ball

into the net to raise the Tartan lead to 2-0. Sibiya was just one of the new Tartans who impressed Gaudioso.

"Terence was a top-notch player against Hiram; he really hit his peak," he said. "I also thought [freshman] Min [Chong] did a great job in Alan's role of running the offence and [freshman] Jason Grebe did a great job on defense."

Late in the game, junior Young Kang was hauled down while going to the net, giving the Tartans a free kick inside the goal area. Kang, who was also given credit for the first Tartan goal, scorched a shot past Hiram goal keeper Greg Graybill to ice the 3–0 win.

The defense played an equally solid game, anchored by the play of junior George Gaughan.

OCT. 22, 1990

National Coming Out Day, the day designed for bringing gay, lesbian, and bisexual people face to face with their homosexuality, also brought out numerous examples of anti-gay sentiment and ha-

The Housing Office's display in front of Highlander Cafe was a prime location for anti-gay statements. The display featured articles related to gay issues and papers for students to attach their comments. What ensued was a rush of heated dialogue, both for and against gay rights.

For the most part, there were as many pro-gay rights comments as anti-gay rights comments. One person wrote, "Being gay is a sin." On the same paper, another person wrote, "Being stupid when you have the capacity to be enlightened is a sin."

Assistant Director of Housing and Residential Life Amy Ginther said that although this is the first year Housing Office has put up a display like this, the responses were exactly what Housing wanted. "Although some of the comments were hurtful, I think," she said, "the education occurred when those people who wrote those comments went back to read the responses."

Dean of Student Affairs Michael Murphy also believes that by allowing discussions no matter what the view, education will follow. "College is the first time that most people are exposed to people of a different sexual orientation. By

others expressing their feelings about their sexuality," he said, "hopefully the campus can learn to be more accepting of the differences."

Last Sunday morning at approximately 2:30 am, two men were seen painting the Fence with "cmuOUT get out." When a Tartan staff reporter arrived at the scene shortly thereafter, five freshmen were found painting "live free, love free" over the first series of comments.

When questioned about the turn of events, CFA freshman Julie Vinette said, "We happened by the Fence and asked [the first two painters] why they were painting that. One of them said, 'Because we hate faggots.' Rodney [Phelps, CIT freshman] asked why, 'Why do you hate fags?' and one of them said, 'Because I was born hating fags.' Then they started getting a little unhappy, a little violent, actually. They wanted to beat Rodney up."

"We tried to argue it out with them, and we called them 'homophobic,' but he thought I was calling him 'homosexual' and he tried to punch me," said Phelps.

James Phimister, a CIT freshman, said, "He started pushing me, but his friend came over and wrestled him away. He was yelling 'faggots, get out' as his friend dragged him off toward Forbes."

The identities of the two men could not be determined and they could not be reached for comment. Others repainting the Fence were Walter Duncan, an MCS freshman, and Jesse Niedermann, a CIT

freshman.

Last Monday morning at approximately 2 am, a typed letter addressed "Dear fellow fag-haters" was found in a men's bathroom on the fourth floor of Morewood Gardens E-Tower. The bathroom had been marked by pro-gayrights graffiti, and the letter was partially a response to the graffiti. The letter said, "With all this National Coming Out Day shit that I had to live through last week, I didn't think there was a real man left on campus." Although the letter stated that it was intended ironically, some took it seri-

John Henderson, an MCS sophomore, signed the letter. "I came home from midsemester break, and as I walk into the bathroom, there's marker all over," he said. "I saw [the letter] as a reprimand for the graffiti. I agree with the statement on graffiti."

Katya Donovan, MCS freshman, also attached her opinion to the note. "I agree with you men, the fags only interfere with my hunting for men," she wrote. Donovan said, "I don't dislike homosexuals, I dislike homosexuals ... who don't come out of the closet... I have friends that are homosexual, but they're not afraid of it..."

Murphy said he feels the environment is still conducive to learning. "Challenging stereotypes as well as responding promote growth and sensitivity," he said. "The worst thing for a college campus would be to have to have no expression of any kind. It's a dual-edged sword."

Students busted in police drug sting

FEB. 4, 1991

After an intricate sting operation, Pittsburgh Police have arrested four CMU students on drug possession charges. The students were arrested at their house in Shadyside on Thursday evening, January 24. Two other occupants of the house, who were not home at the time of the arrest, turned themselves in the following day.

The operation began in Colorado when a Denver postal worker notified police that a suspicious package had been posted for mailing to Pittsburgh. Authorities found one pound of hallucinogenic mushrooms in the package and subsequently asked Pittsburgh police to investigate its intended destination.

After obtaining a search warrant, a Pittsburgh police officer, dressed as a UPS delivery person, delivered the package to the Shadyside address. The intended recipient, his girlfriend, and another man were home at the time. When the package was opened, a planted "beeper" signalled and 10 Pittsburgh police officers dressed in bullet-proof vests and armed with a battering ram entered the five-bedroom house. During the ensuing search, the fourth student returned home and was subsequently placed under arrest.

The students were taken to the North Hills station at 6:30 pm; they were not processed until 2 am. The three men were charged with four counts of drug violation. The package recipient also received one count of "criminal conspiracy to manufacture marijuana." The woman, who was not a resident of the

house, was charged with two drug violations, as a pipe and a small amount of marijuana were found in her purse. All four students spent the night in detention cells and were released on bail the following day. The Court Magistrate set bail at \$5000 for each of the men, and \$1000 for the woman. At 2:30 pm, the girlfriend of one of the men used a bondsman to release three of the students. The other man had bail paid by one of his fraternity brothers. If bail had not been met, the students were scheduled to be transferred to Pittsburgh County Jail at 4 pm.

Two additional occupants of the house returned home later on the evening of the arrest. They contacted an attorney and turned themselves in to Pittsburgh authorities at 6:30 pm the following day. They received three counts of drug violation, and one count of criminal conspiracy. They spent a total of eight hours at the North Hills police station and were released on their own recognizance. "It was one of the worst experiences I've gone through in my life," recalls one of the students. "I was let out of the cell three times in a period of 22 hours. I now know what a caged hamster must feel like."

All of the drug possession charges are classified misdemeanors, except the conspiracy charge, which is considered a felony.

Dean of Student Affairs Michael Murphy declined to comment. "We don't discuss these cases specifically. It's not a question of confidentiality. Our office must remain open for students to discuss their problems in confi-

Tartans beat Case to secure perfect season



The Tartans football team broke multiple records with their key victory over Case Western.

NOV. 12, 1990

With its playoff hopes and its undefeated season on the line Saturday, the Tartan football team rose to the occasion, beating UAA rival Case Western Reserve University 42–17 at Finnigan Field in Cleveland.

The win boosted the Tartans' regular season record to 10-0, and helped clinch both the inaugural University Athletic Association championship and, more importantly, a spot in the playoffs. "This is definitely a dream come true," said senior quarterback Bill Snyder.

"We really felt that if we won today in a convincing manner, everything would work out and we would make the playoffs," said offensive coordinator Rich Erdelyi. "All things considered, we deserve to be there. We have a good football team."

Coming into Saturday's game, the Tartans were ranked fifth in Division III South Region polls, but two of the top five teams in the region lost on Saturday. Topranked Ferrum lost to Dayton 42-22, and Frostburg State, the number three team, lost to Waynesburg, 28-18. That leaves just three undefeated teams in the South Region -CMU, Washington & Jefferson, and Lycoming. The top four advance to post-season

We've worked hard for it and we deserve to go," said junior defensive back Jeff Palaima. "It felt great to make the playoffs out-and-out, and not have to rely on other teams losing."

In this last regular season game, records were broken and milestones reached, accomplishments overshadowed by an undefeated season and a playoff berth. The Tartans set the NCAA Division III record for most consecutive games without being shutout (174). The last time the Tartans were held scoreless was in the 1972 season opener.

CMU also set school records for most points and most yards rushing in a season. Their 42 points and 302 yards rushing gave the team 341 points and 2,979 yards, shattering the old marks of 300, set last season, and 2,678, set in 1977. "I'd like to really hail the offensive line," said Snyder. "They knew that they had the supporting cast in the backfield, but if they don't do the job up front, we don't get the job done offensively." 'We haven't met a defense so far that we feel matches up to us when get out on the field," said offensive lineman Rich Wilson.

Two Tartan seniors reached milestones during Saturday's game. Snyder, who earlier in the season set the Division III record for most consecutive completions in a game (17), needed just five yards to move into sixth place on the Tartans' all-time passing list.

Snyder finished the day sevenof-12 for 206 yards to end his career with 2,249 yards. "The individual accomplishments couldn't have happened without a total team effort," said Snyder.

Halfback Scott Barnyak, who already set six school records this season, gained 109 yards against Case to pass the 1,000-yard mark for the season. He also leads all Division III players in scoring, averaging 13.3 points per game. "If I can be on top of the nation, it says a lot for the team," said Barnyak. "I think the team should get a lot of credit. I wouldn't be there if the other ten guys on the field didn't do their job."

The Tartans' next challenge is game one of the Division III playoffs this Saturday. Pairings for the first round were made yesterday, and the Tartans will face Lycoming, and Ferrum will face former Presidents' Athletic Conference rival Washington & Lee.

B6 « thetartan.org/special The Tartan » April 11, 2011

THE TARTAN



2000-2001

Candidate Bush lectures in Pgh, touches on his campaign goals

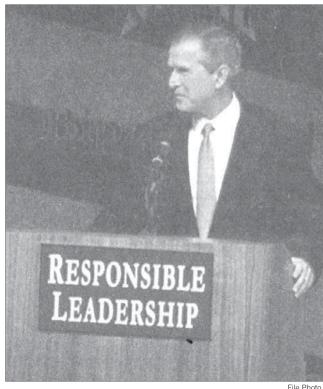
With a little more than thirty minutes to go before the anticipated arrival of Republican presidential candidate and Texas Governor George W. Bush at Soldiers and Sailors Memorial, a pianist filtered the air with a jazz rendition of "God Bless America." Bush arrived at 12:15 pm with Pennsylvania Governor Tom Ridge and retired General Colin Powell, and the spectators responded to their arrival by rising to their feet as they did several times throughout Bush's address.

Ridge spoke first, discussing the importance of the nature of campaign tactics, stating the "character of his campaign says a lot about Bush's integrity." "I ask you to join me in the next several days in making Pennsylvania Bush/Cheney Country," he said. He concluded by praising the bravery of medal-ofhonor recipients and introduced Powell.

"I can't think of a more appropriate place than here at Soldiers and Sailors Memorial for Bush to speak on the theme of his campaign Responsible Leadership" said Powell. Powell also said that Bush understands his first responsibility as Commanderin-Chief of the Armed Forces that Bush will be a leader of the world, reaching out to spread democracy. According to Powell, Bush will make the better leader because he is open in innovative reform to Social Security and education. Powell added that when it comes to decision-making, Bush will "trust the governors ... trust the people who are closer to the problem than the leaders in Washington are. Those are the Washington bureaucrats.

Lastly, Bush stepped up to the podium bearing his campaign theme "Responsible Leadership" and stood in front of a backdrop headlined with the same theme and filled with words such as bipartisanship, honor, integrity, and results. Bush opened his monologue by urging Pennsylvanian Republicans to turn out to vote so that he could win the "war in Pennsylvania" on November 7th.

"I know you can judge the character of a man by



File Photo

Bush speaks about his campaign at Soldiers and Sailors Memorial.

the company he keeps," said Bush. The qualities he said a responsible leader should have included a clear agenda, responsibility, and a consistent stance on issues. "We are all responsible for the choices and decisions we make in life," said Bush. Bush spent a large amount of his speech contrasting his plans with those of Democratic candidate Al Gore. Bush asked people to invest their payroll tax for retirement, but said that Gore's plan would put the country \$40 trillion in debt that future generations would have to pay off, "placing grandparent against grandchild."

"We should give people options, not orders, help people live their lives, not run their lives," said Bush. Then he spoke of increasing independent wealth and criticized Gore's policies and character. He said that Gore does not trust the American people and that much of his answers are "dictated by Washington from Washington." He then said that Gore's views were the "the wrong ideas."

Bush continued by saying Gore's election "would add four years of drift to eight years of failure." In the same speech, Bush also stated that negative tones in campaigning are destroying bipartisanship and that he has a "respect for honest differences."

Students had varying views of the speech. "Bush seemed to really connect with the crowd and get everyone pumped up, but all of the people there were already voting for him. He talked about goals for his presidency, but not much about specific issues, which I would have liked. It seemed more like a rally than a speech to convert voters," said Kristen Matlock, a sophomore electrical and computer engineering major.

Jason Niemann, a junior electrical and computer engineering major and president of CMU's College Republicans, said that he believed the main focus of Bush's speech was to try to draw a distinction between himself and Al Gore by criticizing the current administration's reliance on polls, as well as a lack of progress on issues that have dominated the campaign.

"Since many of Gore's priorities mirror the same priorities of the Clinton Gore administration's platforms from 1992 and 1996 ... Bush has an easy target with Gore's credibility on these matters, since Clinton/Gore team has had 8 years to make these issues a priority ... yet little progress has been made," said Niemann. "Gore has been trying to distance himself from Clinton in the recent weeks, but there is little or no indication that he would be any different than Clinton."

SigEp, Theta, Spirit take first in annual Booth competitions

APRIL 23, 2001

Booth, one major part of Carnival, encourages people of all ages to come out and participate in the annual Carnegie Mellon Carnival. From a giant purple Jansport backpack to a humongous Wendy's meal complete with fries, nuggets, a burger and a drink, this year's collection of booths covers it all. This year's theme, "Larger than Life," caused Carnegie Mellon organizations to create such masterpieces as "Alice in Wonderland" and "Laz-E Boy." Booth brings out the diversity of Carnegie Mellon as it combines creativity with engineering to produce a Carnival worthy of recognition.

The Booth chairs were also recognized and appreciated. "Our Booth chairs put in an amazing amount of time and effort. We are forever indebted to them," said Megan Koehler, a sophomore in architecture and Becca Long, a sophomore in chemical engineering and member of Kappa Kappa Gamma. "I'm really happy about what happened this year with Booth because everyone worked together. Regardless of how we do overall, we will always hold this as a memory," said Nassir Siddique, a junior in electrical and computer engineering and a member of Pi Kappa Alpha.

With their "Alice in Wonderland" booth, Delta Upsilon succeeded in making something that everyone can really relate to. Kappa Delta Rho, with their "Crayon box," had similar intentions. "We are an interactive booth. Little kids love our booth because they get to color all over the walls," said Aman Kedir, a sophomore in Mellon College of Science. This booth encouraged creativity as it permitted the visitor to express him or herself through crayons.

Spirit, with their giant couch that was modeled after an actual couch in the Spirit House, focused on really shrinking the viewer down to the size of a tiny dust mite. Items such as giant Carnegie Mellon ID's, massive key cards, huge quarters, and a humongous watch that really works, were items that were found under this rendition of the actual Spirit couch.

Taking first place out of the fraternities was Sigma Phi Epsilon's "Wendy Meal." Second place went to Delta Upsilon's "Alice in Wonderland" and Phi Kappa Theta's "Mr. Roger's Neighborhood" brought home third. On the sorority side, Kappa Alpha Theta took first with "Dog House," Zeta Psi Sigma's "Backpack" took second, and Delta Delta's "Mushroom" landed in third. For the independent category, first went to Spirit's "Laz-E Boy." Coming in second was Asian Student Association's "Monopoly" and third was "SSAndcastle" by Singapore Student Association.

Carnegie Mellon students join in national protest against elections

In cities across the country this last Saturday, protesters voiced their objections to the reported "voting irregularities" which occurred during the presidential election. Approximately thirty people, including several CMU and Pitt students, participated in the Pittsburgh protest that took place in front of the Allegheny County Courthouse.

There was no particular message being endorsed by the protesters; in fact, no one political group organized the protest. Some protesters were affiliated with the Green Party, as well as political action groups like the NAACP, while others defined themselves simply as "voting citizens."

The disparity among the causes that brought people out to protest seemed evident from the different slogans on their placards. The relatively small group of protesters stood with signs reading everything from "Demand a Fair Count" to "End Political Slavery-Abolish the Electoral College." Others held signs which seemed designed to involve the cars going through the high traffic area in front of the courthouse. One sign read, "Honk for Democracy."

Though some passersby yelled remarks indicating

their disagreement with the problems with current voting protesters, on the whole the response seemed positive. Many passing cars honked repeatedly when driving by the courthouse and reinforced their approval by clapping or giving protesters a "thumbs-

Rebecca Susman, a firstvear student at Pitt, said that she was "encouraged" by all the response of people driving by the protest. "It's showing that we have supporters," she said. Susman also said that she was impressed by the number of protesters themselves, claiming that at a similar protest the previous Saturday about half as many people were there. "We're building sort of a movement here," she said.

The issue of ballot design was an important one to many protesters. It is thought that the confusing "butterfly" ballot used in Palm Beach County led thousands to accidentally vote for Reform Party candidate Pat Buchanan or to vote twice on one ballot, thus invalidating their vote.

According to Michael Shamos, co-director of CMU's Institute for e-commerce and an authority on voting procedures, poor ballot design often leads to disenfranchisement. During a lecture last Wednesday on potential methods Shamos said, "The butterfly ballot is so terrible, it's difficult for me to talk about it without choking."

The butterfly ballot is one design of the punch card voting system, the method used by 37.3 percent of the country, including the disputed areas in Florida. Shamos said that this voting method can often lead to many discarded votes. He stated that this is because the chad, or piece of ballot which must be punched out in order for one's vote to be counted, does not always separate completely. Thus the counting machine cannot always read the vote.

Another problem with the punch card method, according to Shamos, is that it would be easy for someone counting votes to punch out additional chads in the ballots, thus invalidating them. For this reason, Shamos advocates the use of a direct recording electronic (DRE) system of voting, wherein voters use a clearly laid out touch screen to place their votes. Mullins said that she was not surprised to hear reports of racial bias in the polling stations, but that didn't mean that nothing could be done about the problem. "If everyone around the nation stands up," she said, "we can change something."

Nobel laureate and influential professor Herb Simon passes



Professor Simon is pictured outside CFA on his 80th birthday.

FEB. 12, 2001

Carnegie Mellon Professor Herbert A. Simon, a Nobel laureate, a founder of the field of artificial intelligence and cognitive psychology, and a person largely credited with breathing life into the University died last Friday at the age of 84. Simon died at the Presbyterian University Hospital from complications from a surgery in January.

"His work has graced and defined an era. His imagination and rigor set a standard that others could not expect to achieve, but that made others better for trying to do so. He will be missed by all social scientists who care about their craft," said James March, a professor at Stanford University and former professor at CMU who, in 1958, co-authored with Simon an important book in organizational decision-making entitled Organizations.

Simon had an incredible breadth of knowledge and

contributed to several fields, winning not just the Nobel Prize in Economics in 1978, but many other international awards for his work in cognitive psychology and computer science. He received the A.M. Turing Award in 1975 for his work in computer science, the National Medal of Science in 1986, and the American Psychological Association Award for Outstanding Lifetime Contributions to Psychology in 1993.

Simon came to Carnegie Mellon in 1949 to help found the Graduate School of Industrial Administration with Cooper and others. GSIA's approach to business mixed traditional methods with business, science, and math. "When it was founded, it was a completely new approach," said Cohon. "It changed the face of business education."

In addition, Simon was instrumental in founding the School of Computer Science and the Cognitive Psychology department at CMU. According to Cooper, Simon was the person most responsible for bringing the first computer to campus in 1956.

In 1978, Simon won the Nobel Prize in Economics "for his pioneering research into the decision-making process within economic organizations." He developed fundamental principles that helped introduce concepts of behavior into the social sciences.

He challenged the predominant notion in classical economic theory that individuals are rational actors who have all information available to them and can therefore always make optimal decisions. He introduced the concept of "bounded rationality," which suggests that individuals cannot possibly process all of their information. Therefore, individuals do not have a set of all possible choices and outcomes and do not always make the optimal decision. Instead of optimizing, individuals "satisfice" by making decisions that are just good enough to meet their needs. This fundamental concept had far-reaching ramifications, and influenced the fields of administration and organizational decisionmaking.

Simon and Alan Newell, to whom the Newell-Simon building was recently dedicated, founded the field of artificial intelligence.

In January 1956, Simon came to class and told his students, "Over the Christmas holiday, Al Newell and I invented a thinking machine." The two had succeeded in creating a program that was able to solve mathematical theorems.

"He was proudest of the work he did in artificial intelligence, said Cooper.

Friends and family were received for a funeral service yesterday. A memorial service in honor of Simon is being planned for the University community.

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2009–2010

Blizzard shuts down campus for three days

FEB. 8, 2010

A blizzard dumping up to two feet of snow shut down much of Pittsburgh and Carnegie Mellon this weekend and into the week — with classes canceled both Monday and Tuesday.

The storm caused many campus facilities to close, including most campus dining locations. The Carnegie Mellon Café, The Underground, Taste of India, and Sí Señor were open with limited menus and shorter hours. Campus restaurant closures caused difficulties for many students living on campus. "I'm half starving," said Leslye Graham, a first-year in H&SS. "We've been eating pita bread and hummus all day. Everything was closed so we went to Entropy."

Campus dining locations that did stay open found themselves short-staffed and facing a much bigger crowd than usual.

Entropy and restaurants in Resnik House saw a much greater number of students than usual.

Students who do not reside on campus were also impacted by the storm. Treacherous road conditions made travel very difficult. Dangerous roads caused the Pittsburgh Port Authority to limit its bus service to one route beginning on Friday night and lasting through Saturday. Limited bus service was restored on



A student takes advantage of the day off to go sledding in two feet of snow.

Sunday morning, with nearly full service expected to be restored on Monday morning.

Some students avoided traveling back and forth from their homes, choosing instead to come to campus in the morning and stay for the entire day. Restaurant closures in Oakland and Squirrel Hill forced some students to travel to campus to get their meals. "Because of the snow. I ate at Schatz for the first time since my first year," said fifth-year architecture major Jerome

Carnegie Mellon employees also found themselves impacted by storm conditions. Many were unable to report to work due to suspended bus services and icy roads. Those who were able to report to work were relocated from their normal work stations to cover for those who were not able to come in.

Weather conditions also affected some employees' ability to return to their homes. Six Housing and Dining Services employees were forced to stay overnight in Resnik House. "I slept on a couch with a tablecloth for a blanket," said Maria Gonzalez, one of the six stranded employees. "It was terrible."

While Pittsburgh is slow to respond to the effects of the storm, Carnegie Mellon Facilities Management Services have been working diligently to clear walkways and driveways of snow and ice.

However, despite the hard work, Monday, Tuesday, and Wednesday classes were canceled due to severe weather conditions.

Students arrested during G-20 protest

OCTOBER 5, 2009

On Sept. 26, several Carnegie Mellon students, along with other Pittsburgh community members, were arrested by Pittsburgh police and charged with disturbing the peace.

Junior art major Casey Li Brander was walking across the lawn of the Cathedral of Learning when riot police came onto the scene. She stated in an e-mail that the police used smoke bombs and pepper spray on the crowds on the lawn. According to Brander, she was not aware of any organized protests happening at the Cathedral of Learning, and was crossing the lawn to get from Fifth Avenue to Forbes Avenue.

According to another Carnegie Mellon student, who wished not to be identified due to his pending trial, there was an organized protest occurring downtown at the Allegheny County Jail. He said that he was downtown when a friend sent him a text message about the protest, and so he joined a group of Carnegie Mellon and University of Pittsburgh students, as well as individuals he identified as "anarchists."

He said that it was not until after he was leaving the protest that he and the others were arrested. While

some of the protesters left on buses, he was among a group who walked from Downtown on Forbes. After passing Duquesne University, he said, the group noticed that they were being trailed by a group of police. They were also being approached by police in front of them. The officers in front of the group told them they could not continue up Forbes and needed to turn around. It was at this point that he said the group was trapped, and the police came through the crowd to begin arresting some of the people.

The student was charged with disturbing the peace, and he said it was because they had assembled too large of a crowd. He was detained for several hours at Allegheny County Jail and will go to trial on Oct. 21.

A Facebook event titled "SOLIDARITY AGAINST BARBARITY: Support Casey Li Brander at trial on Wednesday" created by a Carnegie Mellon senior and social and decision sciences major Stuti Pandey urges support for Brander and other Carnegie Mellon students involved in the arrests. According to the group, students' trials will be held on Oct. 21 and 23, but Brander's court date was set earlier, on Sept. 30. Brander was unavailable for comment

on the results of her trial.

iPhone helps in catching culprits

AUGUST 31, 2009

An iPhone, Skype, and Google street view were all it took for one lucky Carnegie Mellon student to catch a group of armed robbers. Can Duruk, a senior cognitive science and human-computer interaction double major, was attacked by two armed men just before midnight on Friday night, and by 4 a.m. had led the police to the actors and identified both of them in a police lineup. Duruk's story was completely made possible by the technology on his iPhone that he found on the Internet.

Duruk's troubles began when turning off Fifth Avenue to walk on Amberson Avenue toward his off-campus apartment. The two actors were walking ahead of him while looking back at him. When

they saw that Duruk was looking forward toward them and that he was the only other person within sight, they began to slow down, then turned to run toward him.

The actors took his wallet from his pocket and demanded the PIN for his PNC bank

They then threatened him with a small black gun, and proceeded to take his iPhone. Finally, they ran from the scene.

Duruk and the friend he had Skyped were able to track the path of the actors using MobileMe, an online iPhone program that syncs the iPhone in addition to displaying its exact location at any time using its internal GPS system. Duruk and his friend watched as the actors traveled throughout the city from Shell to Walmart, and eventu-

ally to an Eat 'n Park restaurant in North Versailles. They were able to determine that the location of the restaurant, for example, was actually an Eat 'n Park by comparing the map displayed by MobileMe with a zoomed-in Google street-view map of the exact same location.

Throughout this tracking period, the two had been on the phone with Pittsburgh police, updating them on the progress of the actors. When the actors landed at Eat 'n Park, they remained there for a sufficient amount of time that police were able to go there and apprehend the ac-

The police notified Duruk that the actors had been caught and asked him to come to the station to view a police lineup, where he was able to identify both actors.

Mayor Ravenstahl clarifies ICA's rejection of 'fair share tax' bill



File Photo

At a meeting with Pittsburgh students, Ravenstahl addresses questions concerning the legality of taxing tuition and his views on ICA's rejection of the budget on Wednesday.

NOV. 23, 2009

The debate over Mayor Ravenstahl's proposed "fair share" tuition tax plan continued in earnest last week. Amid national press coverage and growing outrage in campus communities, lawmakers, administrators, and lawyers began gearing up for a December showdown.

"We will not rely on the revenue [produced from the tax] for 2010," Ravenstahl told The Tartan at his office last Thursday. "We can bandaid it together.... At the end of 2010, though, we've got a very serious decision [to] make. We either need to find \$15 million, or these cuts will happen. If they don't happen, the city will go bankrupt. The black eye that Pittsburgh would receive, or the draconian cuts we would have to make ... would not be a good thing for the institutions that reside within it."

The comments came in the wake of the Intergovernmental Cooperation Authority's (ICA) rejection of his tax. The ICA's unanimous rejection of the budget on Wednesday ensured that the mayor would have to deliver a revised budget by Dec. 31.

His new proposal could not rely on the tuition tax for revenue in 2010; otherwise, the city could face state seizure of its funds. Despite the ICA rejection, city council members Ricky Burgess, Darlene Harris, Jim Motznik, Tonya Payne, and Theresa Smith stood by the mayor at a Thursday press conference. "I think that our educational institutions have to participate," Burgess told the Pittsburgh Post-Gazette. "They have to support our city, and to participate in funding the services that are given to all of our constituents, including their students."

The mayor has also hired Joseph C. Bright, former chief counsel to the state Department of Revenue, "to add heft to its argument that a 1 percent levy on tuition is legal," according to a Post-Gazette article last Wednesday. Mr. Bright claims the city will win the court battle to get the tax on the books for 2011, due to a state law that gives municipalities power to tax broadly defined "privileges."

Post-secondary education administrators in Pittsburgh and nationwide continued to pile on criticism of the tax. Carnegie Mellon President Jared Cohon made his first public statement concerning the tax Friday. He listed Carnegie Mellon's more than \$1.4 million paid in taxes, fees, and services to the city annually and the more than 15,000 jobs the university creates as examples of the university's contributions.

"At a time when Pittsburgh is trying to attract and retain young people, it should not become known as the only city in the U.S. to impose what is being called a 'privilege tax' on its students," Cohon said. Ravenstahl told The Tartan that studying in Pittsburgh was one example of the "privileges" the city will tax. "It's what we're allowed to do, to act locally, and it's that reason and that reason alone," Ravenstahl said in response to a question about his framing of higher education in Pittsburgh as a privilege.

Students spoke out against the tax Friday, when 50 students attended a city council meeting downtown. Four students spoke at the meeting, their first opportunity to engage Pittsburgh's lawmakers. Students have also set up a website at www.stoptuitiontax.org to organize their opposition.

Gates Hillman Complex opens



Bill Gates inaugurates the the new computer science building with a ribbon-cutting ceremony.

SEPT. 21, 2009

Bill Gates, co-chair and trustee of the Bill & Melinda Gates Foundation and chairman of Microsoft Corp., dedicated the Gates Center for Computer Science to the future of technological progress at Carnegie Mellon. "It is an honor and privilege to be involved with Carnegie Mel-

lon," said Gates in a keynote address to students and faculty. A ribbon cutting ceremony followed the address.

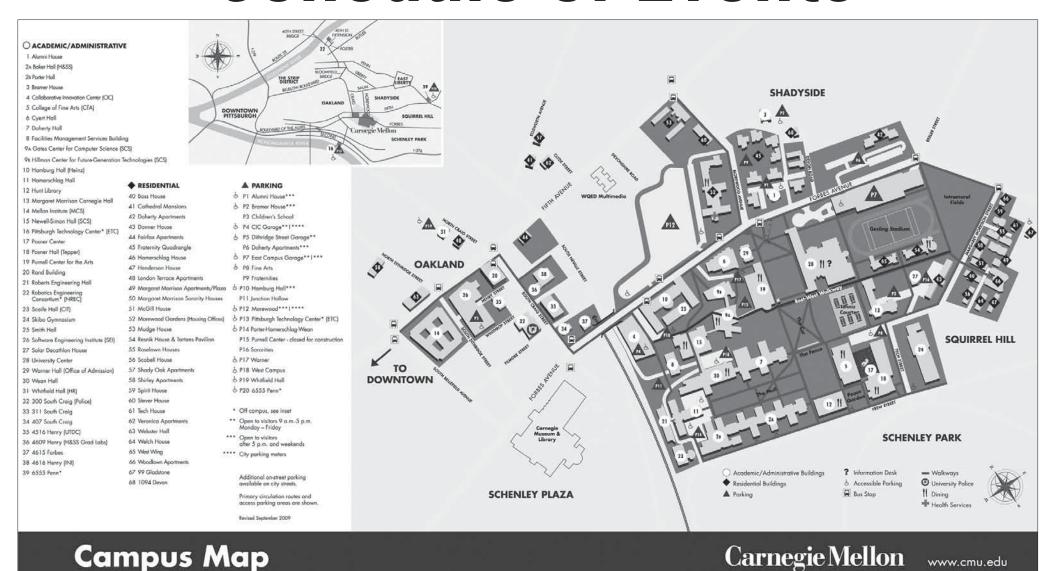
"I'm always inspired when I come here — inspired by the great minds that are here and the ones that will be coming here," said Gates. "I'll be following your work, and I can't wait to see these great advances are delivered and the

progress that will enable."

Gates previously visited Carnegie Mellon last February. He was once again welcomed to the campus on Tuesday afternoon in Wiegand Gymnasium, University Center, where he shared his thoughts on the university's technological initiatives, as well as technological outreach worldwide.

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Schedule of Events



Thursday, April 14

Sweepstakes Buggy Design Competition. Wiegand Gym,
University Center. 10 a.m.–2
p.m.

Loyal Scot Student Exclusive
— Steam Tunnel Tour. Kirr
Commons, University Center.
11 a.m., 2 p.m.

Spring Carnival Midway Opening Ceremony. Spring Carnival Midway. 3 p.m.

SCS Distinguished Donuts. Gates Hillman Complex. 3:30 p.m.

Teruko Yata Memorial Lecture: A School of Computer Science Distinguished Lecture. Rashid Auditorium, Room 4401, Gates Hillman Complex. Speaker: William Swartout. 3:30 p.m.

Kiltie Band Concert. Spring Carnival Midway Tent. 4 p.m.

Teruko Yata Memorial Lecture and National Robotics Week Reception. Rashid Auditorium, Room 4401, Gates Hillman Complex. 4:30–6

Project Olympus Show and Tell Presentation and Reception. McConomy Auditorium, University Center. 4:30–6 p.m.

Kiltie Band Alumni and Student Reception. Alumni House. 5–7 p.m.

Alumni Social Hour. Alumni Lounge, University Center. 7–8 p.m.

Alpha Chi Omega Mocktails and Mingle. Alpha Chi Omega Chapter House, Margaret

Morrison Street. 8–9:30 p.m.

Sigma Alpha Epsilon's 36th
Annual Night at the Luna.
Luna Bar, Craig Street. 9

Scotch'n'Soda Production: Cabaret. Rangos Hall, University Center. 11 p.m.

Friday, April 15

p.m.

CIT Alumni Buggy Breakfast. Singleton Room, Roberts Engineering Hall. 9–11 a.m.

Loyal Scot Alumni Exclusive
— Steam Tunnel Tour. Kirr
Commons, University Center.
11 a.m. and 2 p.m.

Alumni Association All Campus BBQ. Merson Courtyard, University Center. 11:30 a.m.–2 p.m.

Buggy Alumni Reception. Coffee Lounge, Baker Hall. 12:30 p.m.

Alumni Association Spring Carnival Golf Outing. 3 Lakes Golf Course, Penn Hills, Pa. 12:30 p.m.

Mellon College of Science Ice Cream Social. Terrace Tent, Baker Hall. 2–3:30 p.m.

Mudge House Alumni Gathering. Piano Room, Mudge House. 2–3:30 p.m.

Sigma Phi Epsilon Alumni BBQ. Sigma Phi Epsilon Chapter House, Greek Quad. 2–4 p.m.

Loyal Scot Hospitality Suite. Alumni House. 2–5 p.m.

Scotch'n'Soda Production: *Cabaret*. Rangos Hall, University Center. 3 p.m.

Donner House Reunion. Donner House. 3 p.m.

College of Fine Arts Alumni Reception. Great Hall, College of Fine Arts. 3:30–5:30 p.m.

Reception with the Heinz College Students and Faculty. Hamburg Hall. 4–6 p.m.

ROBOT Reception. Planetary Robotics Lab Highbay and first floor, Gates Hillman Complex. 4 p.m.

Information Systems Program Block Party. Room 222, Porter Hall. 4–6:30 p.m.

Tepper Reunion Kick-off and Welcome Address. Posner Center. 4:30–5 p.m.

SoArch Outreach: Presentations from the Remaking Cities Institute (RCI) and Architecture Explorations Programs. Room 206A, College of Fine Arts. 4:45–5:30 p.m.

Athletics Open House. Danforth Lounge, University Center. 5–7 p.m.

Alumni Tepper Brs.** Courtyard, Tepper School of Business. 5–7 p.m.

Class of 1981 Gathering. Mallorca Restaurant, 2228 E. Carson St. (just across the Birmingham Bridge). 5–7 p.m.

Law Alumni Network and Pre-Law Program BBQ. Terrace Tent, Baker Hall. 5:30–7:30 p.m.

SoArch Alumni Reception. Room 214, College of Fine Arts. 6 p.m.

Kappa Sigma Alumni Dinner. Kappa Sigma Chapter House, Fraternity Quad. 6–7:30 p.m. Tepper School Class Reunion Gatherings. Various Locations. 7:30 p.m. Alumni Shabbat Dinner and Dessert with Chabad of CMU. Chabad of CMU, 5120 Beeler St. 8 p.m.

School of Drama Production: "The Alice Project." Philip Chosky Theatre, Purnell Center for the Arts. 8 p.m.

Scotch'n'Soda Production: *Cabaret*. Rangos Hall, University Center. 8 p.m.

Alumni Look Who's Here! Party. Schatz Dining Room, University Center. 8–10 p.m.

Saturday, April 16

CMU Rowing Club Alumni Row. Three Rivers Rowing,
300 Waterfront Dr. 8–9:30
a m

Soccer Alumni Brunch. TV Lounge, West Wing. 10 a.m.–noon

ROTC and Military Alumni Welcome Breakfast. Danforth Lounge, University Center. 10 a.m.–noon

Soccer Alumni Brunch. 11 a.m.–noon

Machine Learning for Drug Development and Cancer Research. Room 7501, Gates Center for Computer Science. 11 a.m.-1 p.m.

Kappa Alpha Theta Alumnae Brunch. Kappa Alpha Theta House, Greek Quad. 11 a.m.–1:30 p.m.

HandSS Reunion Lunch. Terrace Tent, Baker Hall. 11 a.m.–2 p.m.

Alumni Soccer Game. Soccer Field, adjacent to Gesling Stadium. 11 a.m.–2 p.m.

Platinum Reunion Lunch.Connan Room, University
Center. 11:15 a.m.

Tepper Faculty Seminar: Dr. Jay Apt. Mellon Auditorium,
Posner Hall. 11:30 a.m.–1

MechE Alumni BBQ. Room 125, Scaife Hall and Patio/Sidewalk, Scaife Hall. 11:30 a.m.–1:30 p.m.

Delta Tau Delta BBQ. Delta Tau Delta Chapter House, Margaret Morrison. 11:30 a.m.–1:30 p.m.

Delta Upsilon Lunch. Schatz Dining Room, University Center. 11:30 a.m.–1:30 p.m.

SoArch Alumni Brunch and Faculty Exhibit. Room 214, College of Fine Arts. 11:30 a.m.–2 p.m.

Carnegie Mellon Black Alumni Association (CMBAA)
Lunch and Meeting. Giant
Eagle Auditorium, Baker Hall.
11:45 a.m.–2 p.m.

Heinz College Today. Hamburg Hall. Noon–2 p.m.

CMU Rowing Club Alumni BBQ. Courtyard, Morewood Gardens. Noon–2 p.m.

Delta Gamma Alumnae Tea. Delta Gamma Sorority House, Greek Quad. Noon–3 p.m.

Alpha Phi Omega Carnival Meeting and Mixer. Dining Room and Conference Room, Stever House. Noon–3 p.m.

Sigma Alpha Epsilon BBQ Luncheon and Finals of the Second Annual BMT Scholarship Competition. Sigma Alpha Epsilon Chapter House, Greek Quad. Noon–4 p.m.

Holi. Flagstaff Hill. Noon–5 p.m.

GCS (Game Creation Society) ARCADE. Fourth floor, Gates Hillman Complex. 12:30–1:45 p.m.

Tepper School State of the Union. Posner Hall. 1 p.m.

Pi Kappa Alpha Alumni Brunch. Pi Kappa Alpha Chapter House, Greek Quad. 1–2 p.m.

Phi Kappa Theta Alumni Association Meeting. Activities Room, University Center. 1–3 p.m.

ECE and SCS Alumni Look Who's Here Reception. Room 6115, Gates Center for Computer Science. 1–3 p.m.

Tri Delta Pansy Brunch. Tri Delta Chapter House, Greek Quad. 1–4 p.m.

Dunk a DG. Delta Gamma Chapter House, Greek Quad. 1:30–3 p.m.

GLBT and Friends Reception. SoHo Office, Room 325, University Center. 1:30–3:15 p.m.

Learning by Making: SoArch Facilities' Tours. Tour begins at outside of the Wood Shop, College of Fine Arts. 2 p.m.

School of Drama Production: *The Alice Project*. Philip Chosky Theatre, Purnell Center for the Arts. 2 p.m.

Kappa Kappa Gamma Alumnae BBQ. Kappa Kappa Gamma Chapter House, Greek Quad. 2–3 p.m. Undergraduate Finance Association — Carnival Alumni Panel. Simon Auditorium, Posner Hall. 2–3 p.m.

Tepper Alumni Seminar. Mellon Auditorium, Posner Hall. 2–3:30 p.m.

Alumni Reception. Alumni Lounge, University Center. 2–4 p.m.

Fraternity and Sorority Life

Alpha Chi Omega Alumnae Tea. Alpha Chi Omega Chapter House, Margaret Morrison. 2–4 p.m.

Arts Greenhouse Hip-Hop Project: A Visit to CMU's Recording Studio. Room A6, College of Fine Arts. 2–4 p.m.

13th Annual Hoopla Basketball Competition. Skibo Gymnasium. Sponsored by CMARC. 2–4 p.m.

Delta Upsilon Meeting. Gregg Hall, Room 100, Porter Hall. 2–4 p.m.

Loyal Scot Hospitality Suite. Alumni House. 2–4 p.m.

Phi Kappa Theta Business Meeting and Reception. Activities Room, University Center. 3 p.m.

Scotch'n'Soda Production: *Cabaret*. Rangos Hall, University Center. 3–4 p.m.

Faculty Open House and Tepper Tea. Posner Center. 3–4:30 p.m.

Student Life Reception. Mudge House. 3–5 p.m.

ABTech Alumni Reception. McKenna, Peter, and Wright Rooms, University Center. 3–5 p.m.

The Tartan 105th Anniversary Reception. Tartan Office, Room 314 University Center. 3–5 p.m.

WRCT 60th Anniversary Reception. WRCT Studio, lower level, University Center. 3:30–5 p.m.

Carnegie Mellon Concert Choir Reunion with Robert Page. Great Hall, College of Fine Arts. 3:30–5 p.m.

SoArch Sustainability Tours. Tour begins from in the Intelligent Work Space, Room 410, Margaret Morrison Carnegie Hall. 4–6 p.m.

Classes of the 1970s Reunion Reception. Danforth Lounge, University Center. 4–6 p.m.

Classes of the 2000s Reunion Happy Hour. Connan Room, University Center. 4–6 p.m. Reception with the Heinz

College Alumni Association. Hamburg Hall. 4:30 p.m. Class of 1961 Medallion Cer-

emony. Schatz Dining Room,

University Center. 5 p.m.

Alumni/Student Hockey
Game. Ice Castle, Castle Shan-

non. 5–6:30 p.m.

Soccer Alumni Reception.
Piano Room, Mudge House.

5-7 p.m.

Classes of the 1990s Reunion Reception. General Motors Dining Room, University Center. 5:30–7:30 p.m.

Classes of the 1960s Reunion Reception. Schatz Dining Room, University Center. 5:30–7:30 p.m.

CMARC Reception. Atrium, Cyert Hall. 6 p.m.

Flag Retreat Ceremony. University Flagpole. 6 p.m.

Spring Carnival Awards Ceremony. Spring Carnival Midway Tent. 6–10 p.m.

Classes of the 1980s Re-

union Happy Hour and Re-

ception. Tartans Pavilion,Resnik House. 6–10 p.m.Tepper All-Class Reunion

Hall Foyer. 7:30–9:30 p.m.

Order of the May (invitation

only). Alumni Concert Hall,

Celebration. Carnegie Music

College of Fine Arts. 8 p.m.

Scotch'n'Soda Production:
Cabaret. Rangos Hall, Univer-

sity Center. 8 p.m.

School of Drama Production: *The Alice Project*. Philip

Chosky Theatre, Purnell Center for the Arts. 8 p.m.

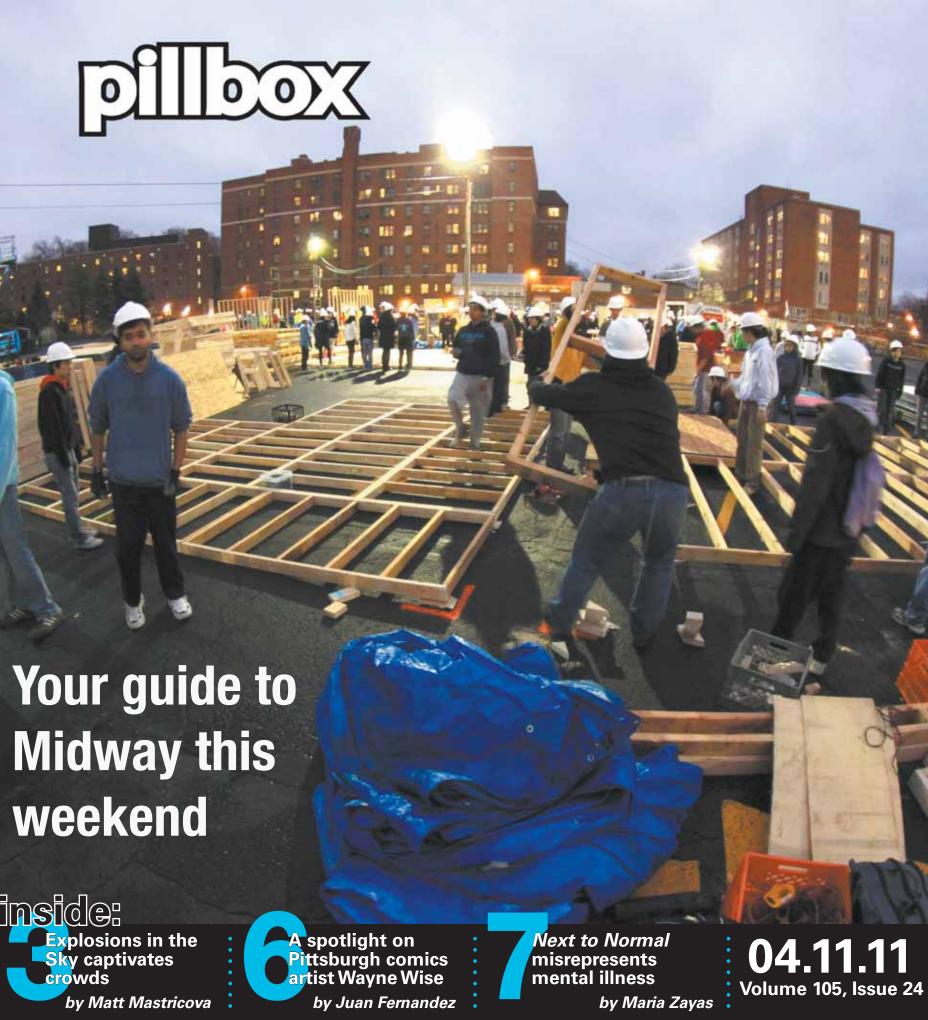
Sigma Alpha Epsilon Gath-

ering. Doc's Place, Shadyside. 10:30 p.m.

Scotch'n'Soda Fifth Annual Alumni and Student Reception. McKenna, Peter, and Wright Rooms, University Center. 10:30 p.m.

Sunday, April 17

BuggyAlumniAssociationMorning-AfterBreakfast.SmallmanStreetDeli,1912Murray Ave.10 a.m.





...this week only

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The author reflects upon the cultural and language barriers she experiences abroad.

5 Mind Brokeh

Bibio's newest album fails to live up to the standards of its previous ones.

6 Wayne Wise

Pittsburgh comics veteran recalls the '80s and '90s underground comics scene.

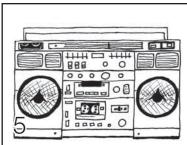
7 Next to Normal

The award-winning rock musical does not accurately reflect mental illness.

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Discover the themes of this year's booths, as well as the schedule for Carnival's major events.

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PUBLISHER Meela Dudley EDITOR-IN-CHIEF Michael Kahn MANAGING EDITOR Celia Ludwinski
PILLBOX EDITOR Anna Walsh COMICS EDITOR Nicole Hamilton
ART EDITOR Adelaide Cole PHOTO EDITOR Tommy Hofman

Explosions in the Sky hypnotize

Post-rock band captivates crowd at recent concert

For the first time in nine years, Explosions in the Sky, a band originating from Austin, Texas, returned to Pittsburgh to play at the recently opened Stage AE. Fans and critics alike hail the band as one of the seminal bands in 21st century post-rock, but the band rejects this label, claiming to be solely a rock band. The band is comprised of three guitarists and a drummer — with one of the members occasionally switching to bass in the studio and a touring bassist when performing live — and it plays long, introspective, and emotionally evocative music. While it is easy to understand how this argument is ongoing when listening to the band's studio work, its live performance is undeniable proof that it is indeed a rock band.

The Octopus Project, also hailing from Austin, Texas, opened up the night with a 45-minute set of mostly instrumental electronic pop. Each member of the four-piece band switched different instruments, which included the traditional drums, guitar, and bass in addition to samplers, glockenspiel, and theremin. They played with boundless energy and tried to involve the audience as much as possible. At one point, Josh Lambert, primary guitarist of the band, announced that "three hours from now we're all going to get in a time machine and go back a year and a half in time and write this song" before the band played "Glass Jungle," the highlight of the set.

After a short break, Explosions in the Sky came on stage, and the differences between the two bands could not have been more pronounced. Whereas The Octopus Project did all it could to fill the stage with its presence, using an assortment of neon cables for their samplers, neon-painted amps, and a projector screen playing various animations in the background, Explosions in the Sky seemed content with only the minimal equipment necessary — its only decoration was a single Texas flag draped over one of the amps. Guitarist Munaf Rayani quickly thanked The Octopus Project and introduced the band before playing "The Only Moment We Were Alone."

The crowd's reaction was immediate. While concertgoers seemed to enjoy the quirky indietronica of The
Octopus Project, they were ecstatic once Explosions
started to play. The audience was shouting,
headbanging, and jumping around as the band
seamlessly played through its set, until the opening
notes of "Last Known Surroundings," the first song
performed off the group's new album, began to
resonate throughout the venue. Besides some head
bobbing, motion ceased as fans absorbed the new
material with rapt attention. Then, as if nothing had
happened, the crowd erupted into motion once the
band began playing "Birth and Death of the Day."
This cycle of crazed enthusiasm during old songs

and intense focus during new material continued throughout the night. All the while, the musicians seemed enveloped within their own world, choosing not to acknowledge the audience at all throughout their entire set. Even though they were on stage in front of hundreds of people, the musicians may as well have been playing in a basement in the middle of nowhere. However, fans were content with this because they, too, were immersed in their own worlds as they absorbed the simple yet emotionally overwhelming music.

Explosions in the Sky ended the night with a heartfelt preformance of "Greet Death" off the band's second album Those Who Tell the Truth Shall Die, Those Who Tell the Truth Shall Live Forever. One by one fans began taking out their lighters and holding them up to the stage, which was illuminated only by a constant red light. What has since become one of the greatest cliches in concert culture did not diminish the power of Explosions' performance. If anything, the act only added to the reverential and contemplative atmosphere that had settled in Stage AF.

Afterward, Rayani once again took the microphone and thanked the crowd before the band departed, the lights turned on, and filler music began pumping out through the speakers. While some clamored for an encore, most of the audience members realized that there was no calling the band back to the stage. The members of Explosion in the Sky performed a set, as promised, but would do no more. Leaving that venue, there was no doubting that every person in that room had been changed by that performance. There would be no way to ever recapture the emotional intensity of that performance, but the memory would remain, albeit gradually fading into a memory of a memory as fans exited into the cold dark night.

Matt Mastricova | Junior Staffwriter

Everything you need to know

About Carnival and newly found warm weather

Dear Hoskins Brothers,

It'll be my first Carnival this week. What's the big deal? Why is everyone so excited about it?

Thanks, The Excitement's Palpable, I'm Disturbed

Dear TEPID,

Ah, Carnival, that magical time of year when Carnegie Mellon becomes a normal college. For the first time in six months, the sun is shining, it's warm out, and people have smiles on their faces. Classes are canceled for half the week — and some teachers cancel a few more days. The Morewood parking lot is shut down and filled with booths — wooden structures with some games added in at the last minute.

Then there's Buggy, where fraternities get to spend two minutes doing what they've spent hours practicing for, starting at 4 a.m., every Saturday morning. It's the closest Carnegie Mellon has to a sporting event that anyone cares about. There are mobots — tiny robots students build to compete in a race. You get to watch 99 percent of them fail miserably. Plus, there are plays, lectures, musical shows, comedians, and

Everyone looks forward to Carnival. It's so good that the University of Pittsburgh copied it and tried to show us up by having one last week.

Don't forget the fireworks, Patrick Hoskins

Dear Hoskins Brothers,

How am I supposed to concentrate in class when it's so nice outside?

Sincerely, Stuck Inside Despite Everything

Dear SIDE,

Don't. For the first time in six months, it's beautiful outside. Step away from your computer, put that pencil down, and grab a Frisbee. Go outside and have some fun for a half hour. Skip a class or two and have fun — just make sure you don't accidentally skip a test.

The first week it's nice is the most surreal moment at Carnegie Mellon. Everyone is outside and happy, and there's a sense of camaraderie. It's like being in a movie about college life. You get to laugh at how uncoordinated everyone is when you watch a few CS majors tossing around a Frisbee. You can go outside without a coat. It's a magical time of year at Carnegie Mellon.

But eventually, all of that passes. There are still many more people out there than before, but the moment's passed. Embrace it while you can. Knowing Pittsburgh, it'll be snowing/raining/overcast in a matter of days. Plus, exams are just a few weeks away.

Ditch class, Brian Hoskins

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



Tales from Abroad: Ecuador

The author describes some of the aspects of everyday life while studying in Kerala

The drive out of the airport in Quito, when I first arrived in Ecuador this past January, reminded me of how much I was going to stand out. Like almost every other place that I had traveled to in the past, Ecuadorians had a semi-derogatory label for white foreigners. After a week of orientation and extensive traveling around the Amazon and Andes within Ecuador, we all (about 20 of us) arrived in Cuenca, a smaller city in the southern Andes. I learned that I would have to adjust to every other local shouting "gringa" at me as I walked past on my way to school each day. My first instinct was to assume that they were attempting to harass me. For some of them, that may have been true. I would definitely prefer not to turn and see the city buses during rush hour, full of people with eyes glued on me. However, I've come to find the staring and calls almost endearing.

Ecuador, unlike many developed countries that I've traveled to, is not one to pride itself on its diversity. Television and pop culture from the United States have undoubtedly infiltrated the media there, but the society lacks the everyday melting pot culture that we take for granted at home. To an eight-year-old Cuencana, my pale skin and lighter hair labels me as something out of the movies or a magazine. The staring is more a result of her amazement. I am the diversity that she has never become acclimated to. Must Ecuador rely on its tourists to build a stronger sense of tolerance? I am hesitant to credit any growth within Ecuadorian culture to tourists. However, I have seen how effectively tourists can instill

an appreciation for diversity within the eyes of young Ecuadorians.

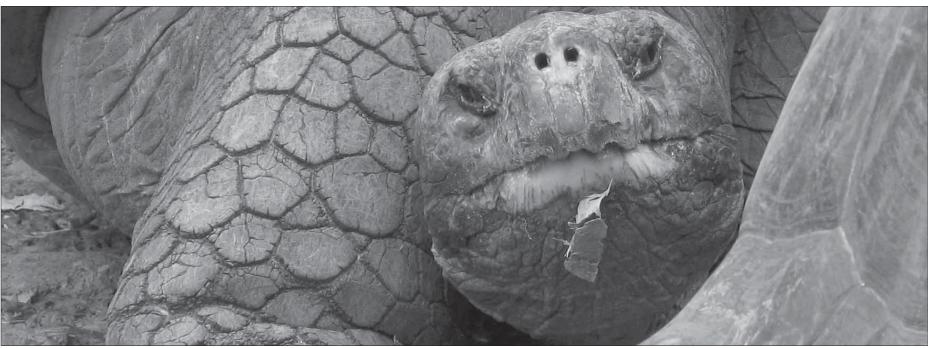
After living with a host family here for about three months now, I've realized how the homogenous state of society has affected its youth and culture. Many Cuencanos have grown up around people who have nearly identical lifestyles, appearances, and religious beliefs. My host nieces and nephews, however, have taught me that I must look past the cookie-cutter culture. They have shown me their eagerness and excitement for other cultures. As I have taught them new games and shown them photos of my friends and family, I have watched as they soak it all in and look up at me, ready with more questions. This thirst for diversity and other culture has reminded me why I decided to study abroad in the first place. By diving into other communities and struggling to learn their languages and customs, we can better understand who we are and gain a wider perspective. Many of my friends from Cuenca and host family members talk about their desire to travel and see the world. I constantly remind myself that, as someone fortunate enough to study in another culture, I should view the opportunity as one too valuable to take for granted.

Since coming to Ecuador, I have been able to travel from between indigenous communities, the Galapagos Islands, coastal towns, the Andes, and the Amazon rainforest. Although I love the excitement that has come

from hopping between places, I think I have gotten the most out of the experience of transforming Cuenca into a second home. By living with a host family, I have been able to challenge myself, to say the least. I came to Ecuador in January knowing exactly two Spanish words: huevos (eggs) and mariposa (butterfly). Not to my surprise, my Spanish-speaking friends concluded early on that those words would not get me very far. Starting fresh in Ecuador has been exhilarating, though. I have had to learn how to laugh at myself nearly every time I speak and cope with the frustration that occurs when, no matter how many hand gestures I make, I just cannot be understood.

It is humbling to have been thrown into a fully-developed city where English, for once, cannot get me very far. Although my workload appears to be nearly microscopic compared to that of Carnegie Mellon, I still hit the pillow every night drained of energy. Having to adapt to others and their customs is tiring, yet is an important part of the learning process, and an aspect that cannot be taught in classroom settings. It is an aspect that I will never be able to master or perfect, but something that has made me a more understanding person each time I attempt it.

Ruthie Tane | Special to The Tartan



Celia Ludwinski | Managing Editor

During her time abroad in Ecuador, the author was able to travel around the country and see a variety of animals and places.



Bibio makes new sounds

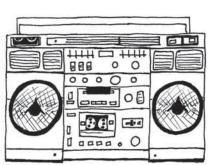
New album, Mind Brokeh, doesn't live up to previous work

After five full-length albums and several EPs, Stephen Wilkinson has continued his ongoing project, Bibio, with Warp Records and released its sixth full-length album, *Mind Brokeh*. Wilkinson, originally from West Midlands, England, studied sonic arts and experimental during his time at Middlesex University in London. After graduation, he pursued his career as a music producer and began recording his own music under Mush Records, and later, Warp Records.

Wilkinson's Bibio project has seen a fair share of success. That being said, there have been many ups and down in his discography career. Wilkinson's newest album, *Mind Brokeh*, is a solid demonstration of the musician's incredible production and mixing skills as well as his ability to create a detailed and comprehensive collage of sound. Still, *Mind Brokeh* doesn't quite live up to Bibio's most popular and arguably strongest album, *Ambivalence Avenue*. Although *Mind Brokeh* is no less adventuresome than *Ambivalence Avenue*, the album's sound doesn't quite flow as easily as that of the former album. The transitions between genres and song forms are often clumsy, causing the album to stumble in many places.

The song "Wake Up" embodies the majority of what listeners loved about *Ambivalence Avenue*. The song sounds forlorn at times; the grafted vocal samples, wiry loops, and insistent beats work together to create a feel of desperation. The song "Pretentious" is an example of some of the less favorable features of the album. The third song on the album, "Pretentious" causes an unnecessary break in the flow of the album, further emphasizing the ways in which Wilkinson has moved out of his comfort zone.

"Take Off Your Shirt" features an incredibly catchy guitar riff as well as spectacular vocals. Out of all the songs on this album, it is one of the most catchy and yet seemingly mainstream. "K is for Kelson" is extremely electronically oriented and bouncy. The album's title track, "Mind Brokeh," is a charming



Christa Hester | Forum Co-Editor

ambient tune equipped with soft bells and a looming cloudy apparition. It is unclear as to why Wilkinson chose to name the album after this track as it is one of the slowest and calmest songs on the album and does not aptly describe or represent the album as a whole.

If you have ever been a fan of Bibio, be sure to download this album. Despite the album's inability to adequately compare with *Ambivalence Avenue*, it's important to recognize that not many albums can. The songs on *Mind Brokeh* are well-constructed, short, and straight to the point. The album still contains the majority of the musical aspects that have made listeners adore Bibio over the years and it is great that this accomplished artist is pushing himself to try new things.

Meela Dudley | Publisher





Paperhouse

On Yelle

At first glance, Yelle seems like a quaint, seemingly-vapid-yet-gorgeous-skinny-French-Euro-Electro-Pop princess that rocks the airwaves, clubs, and computer speakers on both sides of the Atlantic. If you didn't look too hard, your cultural conditioning would have you believe that Yelle was nothing more than another young woman being foisted onto the pop music pedestal by a crew of producers and marketers.

The truth is far from that. Yelle is actually a band, a partnership between singer Yelle (Julie Budet), drummer GrandMarnier (Jean François Perrier), and keyboardist Tepr (Tanguy Destable). The three have toured extensively, taking their live act to festivals and clubs across the globe, and have just put out their newest LP, *Safari Disco Club* (UMG's Barclay Records).

I'm happy to say that *Safari Disco Club* is an incredibly robust sophomore effort. The instrumentation is as diverse as the emotional tenor of the entire album. Compared to the electro-pop pastiche *Pop Up*, whose songs were created to be used as singles, *Safari Disco Club* has been in the works for over two years and that effort is evident when listening.

The members of Yelle proudly love mainstream music Safari Disco Club reflects that passion for mainstream pop, in that it reveals a refined process of breaking down and reinterpreting standard pop tropes.

Budet's voice, never straining, works wonderfully with the melodic and synth based richness of Tanguy's keyboards. This makes for an extensive, interesting album, a result of a seemingly even partnership with her two producer bandmates.

If you like Chromeo, Daft Punk, Oh Land!, Cassius, Crookers, New Order, Robyn, Justice, or well wrought and astoundingly produced '80s inspired electro-pop, this album has plenty in store for you. *Safari Disco Club* is being released this spring (in two weeks), so be sure to keep your eyes and ears peeled for it!

Juan Fernandez | Staffwriter

top 10 on WRCT 88.3 FM

most played albums of the last week

- **1** Jason Moran Ten
- 2 Wanda Jackson The Party Ain't Over
- **3** Lykke Li Wounded Rhymes
- **4** Bag Raiders Bag Raiders
- 5 Precious Bryant My Name is Precious
- 6 Yuck Yuck
- **7** Toro Y Moi *Underneath the Pine*
- 8 Mogwai Hardcore Will Never Die, But You Will
- 9 Brad Mehldau Highway Rider
- **10** Iron and Wine Kiss Each Other Clean

A spotlight on Pittsburgh comics artist Wayne Wise

Pittsburgh comics veteran Wayne Wise recalls '80s and '90s underground comics scene

Pittsburgh is a comics town. With three annual comic conventions — Steel City Con, PIX (Pittsburgh Indie Comics Expo), and the Pittsburgh Comic Con — six comics shops, and a whole museum dedicated to comics, Pittsburgh absolutely loves comics.

One such lover of comics is Pittsburgh's own Wayne Wise. Wise is an active member of the Pittsburgh independent comics community. A self-described grizzled veteran of the comics convention circuit and author of the comic Grey Legacy, Wise currently teaches a course at Chatham University on comics history, illustrates strips for Chatham Communiqué, and works at Phantom of the Attic Comics. Simply put, Wise has his feet deep into the world of comics.

Wayne grew up 50 miles away from Pittsburgh, reading comics off of spinner racks. It wasn't until 1981 that the world of comics really presented itself to Wise. He recalled, "My first comic book convention was PittCon '81, held at Duquesne University. It was a big deal. It was maybe the second time I had ever driven in Pittsburgh - growing up out in the country, the consensus was that Pittsburgh was as far away as, and probably larger than, Tokyo." After that trip, he and his friends began to make regular trips to Pittsburgh, their cultural mecca.

Throughout the '80s, Wise wrote and drew minicomics with his soon-to-be best friend and Grey Legacy collaborator Fred Wheaton. It was then that they started developing the Grey Legacy universe.



Grey Legacy is a science fiction webcomic that originally made its way into the world as a print publication. It was published in mini comics, anthologies, and as its own book in 1992 thanks to a Xeric Grant, a grant dedicated to helping comic creators self-publish their work. Notably, Grey Legacy was among the first four comics to win the Xeric Grant. Wayne and Wheaton's visual style in Grey Legacy is like a well mixed cocktail of Dave Sim's Cerebus and Jaime and Gilbert Hernandez's Love and Rockets. The ink work uses hard black lines that usher in detail through the negative space on the rest of the page.

The comics environment from which *Grey Legacy* originated plays an important backdrop to the development of the series and the story's universe. From the beginning, Wise and Wheaton had been working together on their own self published mini comics. When asked to describe the environment into which these mini comics were born, Wise opened up completely.

"There was a huge underground of self-published mini comics that was, by today's Internet standards, hard to learn about or track down. It was a bonafide underground. We started doing comic strips for a music/ humor [magazine] called The Plain Brown Wrapper. This was sold in local music stores and comic shops, but mostly through mail order. Through this, Fred and I learned of the existence of Factsheet Five, a review magazine for 'zines and minicomics. Anyone could send their book in and get a listing and a review, and hopefully, as a result, some mail order business."

Factsheet Five was one of the essential tools of the trade. Wise and Wheaton sent copies of the original Grey Legacy, as well as some of their other mini comics like Buggly the Inbred Bear, Dumpy Geeks at the Mall, and Boo Boo Chute; they sold a few copies and traded many more. Wise said, "In retrospect, more important than the sales, we found a supportive underground network of other people who were self-publishing." It was at this point in time that the two decided to get more exposure.

In their search for exposure, Wise and Wheaton experienced the 1986 black and white comics explosion. This explosion in the black and white comics market was partially due to the rise of Kevin Eastman and Peter Laird's independently created Teenage Mutant Ninja Turtles series. When asked about the explosion, Wise recalled, "At that time, anyone in America that could hold a pencil was publishing, and we were one of them."

This illustration from *Grey Legacy* was penciled by Wheaton and inked by Wise.

"The explosion of 1986 became the implosion of 1987, because the material printed was simply not selling," Wise stated. It was in this shifting climate that Wise and Wheaton began exploring the world of extensive publication. In this exploration, Wise and Wheaton finally carved out with brush and ink the framework of the Grey Legacy universe for all to see. Wise recalled with sadness that "unfortunately, in the crash that happened amongst printing houses in '87, the publication that was going to print a story revolving around a character named Shadowlock never saw the light of day. Despite the heartbreak of not seeing our comic make it to print, Fred and I were glad that not many folks saw that story; Grey Legacy simply wasn't ready yet."

In the limbo that ensued after the lack of publication, Wise and Wheaton convened and thought seriously about their story. The two realized that the story that they wanted to tell did not start with Shadowlock, the young man; it began 40 years earlier with Greylock, Shadowlock's father. Wise and Wheaton had already been telling stories in their universe for a while, but it was in 1987 that they finally had a long arching story that they wanted to tell. Wise recalls that "soon after [beginning work on the Greylock story], we were contacted by the small anthology book, Wavemakers, with an invitation to write a story for one of their issues. Wise and Wheaton put together a nine-page story revolving around a female character named Brix. In the grand scheme of things, she would be Shadowlock's mother.

It was shortly after the publication of the short Brix story that Wise and Wheaton learned of the Xeric Grant. "Within a day, we had a letter in the mail with an application. Lo and behold, we got the grant." Thanks to this grant, they published a huge run of magazinestyle issues of the first Grey Legacy. It entered the world to good reviews and the future seemed bright for Grey Legacy, but unfortunately, as occurs often in the world of indie comics to even the most ambitious creators, life got in the way of the stories.

Wise and Wheaton have worked on Grey Legacy and other comics projects off and on over the past 10 years, but the epic Wise and Wheaton stories have been on hiatus. Hopefully, the two can find a way to get some more Grey Legacy publications into the world.

Wheaton is currently illustrating for the Topps trading card company on the Wacky Packages and Garbage Pail Kids product lines, and Wise just wrote, drew, and inked Grey Legacy Tales, a Brix story, last year.

Juan Fernandez | Staffwriter

Next to Normal falls short of expectations

While entertaining, musical fails to express reality of mental illness and treatment

Next to Normal, the Tony Award- and Pulitzer Prizewinning rock musical, revolves around the Goodman family as it struggles against the effects of mental illness, drug abuse, ethics, the cons of psychiatric therapy, and themes of loss and acceptance. Last week, the show ran at the Benedum Theater starring the original cast.

The musical is divided into two acts, all dealing with scenes of domesticity and psychiatric therapy. Act I begins when suburban mother Diana Goodman (Alice Ripley) waits up late for her son, Gabe (Curt Hansen), who has been out past his curfew. She attempts to comfort her anxious daughter, Natalie (Emma Hunton), about school. Her husband, Dan (Asa Somers), gets ready for the day and they sing "Just Another Day." The scene takes an unsettling and bizarre turn when Diana leaves sandwiches all over the table, the chairs, and the floor, calling it lunch.

The rest of the play deals with Diana's illness and treatment. Her illness is revealed to be a 16-year-old case of bipolar disorder with hallucinations, triggered by the loss of a child. Medications only rob her of all feeling, psychotherapy is ineffective, and she attempts suicide. As a final resort, she receives electroconvulsive therapy, causing her to lose her memory in the process. The musical ends with Diana leaving her family, concluding that "some cuts are too deep." She tells Dan that his support keeps her from learning how to get up on her own. Dan, heartbroken, is left depressed in need of therapy himself.

The stage was gorgeous. The set was divided into four floors, almost like boxes, and each floor served as a different locations. During Diana's psychotherapy sessions, the front façade of her home, on the second

and third floor, became an image of her face. This changed the set to be her entire psyche. Although somewhat minimalist in nature, the set was interesting and engaging.

The cast, for the most part, was phenomenal. Asa Somers in particular stood out with the strongest voice. However, it was unsettling to listen to a cast sing with upbeat voices about horrible things. The score wasn't particularly impressive, and none of the songs left a lasting impression. However, the cast sang well and the acting was solid on the part of all cast members. Curt Hansen in particular made a great, ominous Gabe, his movements almost reflecting a dark ballet.

Unfortunately, Alice Ripley, although a Tony-winning singer for her role as Diana, had a terrible voice. Online reviews reveal that people have noted a recent change in her voice for the worse. In comparison to the official soundtrack, Diana's voice was completely different; in the soundtrack, her voice was melodious and she could enunciate words. At the show, her voice was hoarse, and her words were sometimes indecipherable. It is rumored that her voice has been damaged, but if Alice Ripley has decided to make a character change, it was a horrible decision.

The biggest disappointment was that, although this was a Tony- and Pulitzer-winning musical, it fell short on many levels. Instead of delving deep into the truth of mental illness, the show only seemed to reflect the common misperceptions about what living with someone with mental illness must be like.

To be sure, certain medications can cause some people to feel strange side effects. However, Diana

was hallucinating. Her hallucinations were not small; they were pervasive and completely delusional. Such cases only benefit from medication, despite the minor side effects. Furthermore, the side effects that Diana expresses in "I Miss the Mountains" would probably not be applicable to someone with her condition.

In addition, the musical ended with Diana leaving her family, and nothing was fixed. Dan's character was such a refreshing hero. He remained a loyal and supportive husband for 16 years. There are scarce examples of positive husbands in modern literature. He did every possible thing someone could do to fix a problem, yet was in the end indirectly blamed. Diana leaves to live with her grandparents, and we can only assume that now this elderly couple must chase their daughter around the house to take the knives out of her hands.

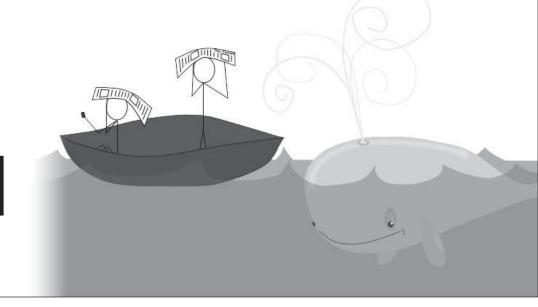
Human flaws and mental illnesses exist. However, it should be an artistic imperative to express the reality of mental illness and treatment. The truth is, *Next to Normal* was more successful in expressing the misconceptions and misinformation surrounding mental illness than revealing the reality. To be fair, its flaws are probably something only people experienced with mental illness will be able to recognize. *Next to Normal* was overall an enjoyable show, but the viewer should keep in mind that its depiction of mental illness is not completely factual.

Maria Zayas | Staffwriter

Want to share your #cmucarnival experiences? We've got you covered.

THE TARTAN

thetartan.org/carnival



Get ready for Spring Carnival: your guide to Midway this weekend

Calendar of Events

THURSDAY4.14.11

Sweepstakes Buggy Design Competition.

University Center, Wiegand Gym. 10 a.m.

Opening Ceremony. Midway. 3 p.m.

Legs Like Tree Trunks. Midway. 5:15 p.m.

Nisha Asnani and Tim Ruff. Midway. 6:45 p.m.

AB Concerts presents Big Boi and Brother Ali.

The Cut. 8 p.m.

FRIDAY4.15.11

Sweepstakes. Tech Street. 8 a.m.

RobOrchestra. Midway. Noon.

Broken Fences. Midway. 1 p.m.

Battlecake. Midway. 2:30 p.m.

AB Comedy presents Eddie Griffin. Midway

Tent. 8 p.m.

SATURDAY4.16.11

Sweepstakes. Tech Street. 9 a.m.

Holi. Flagstaff Hill. Noon.

A Cappella Concert. Midway. Noon.

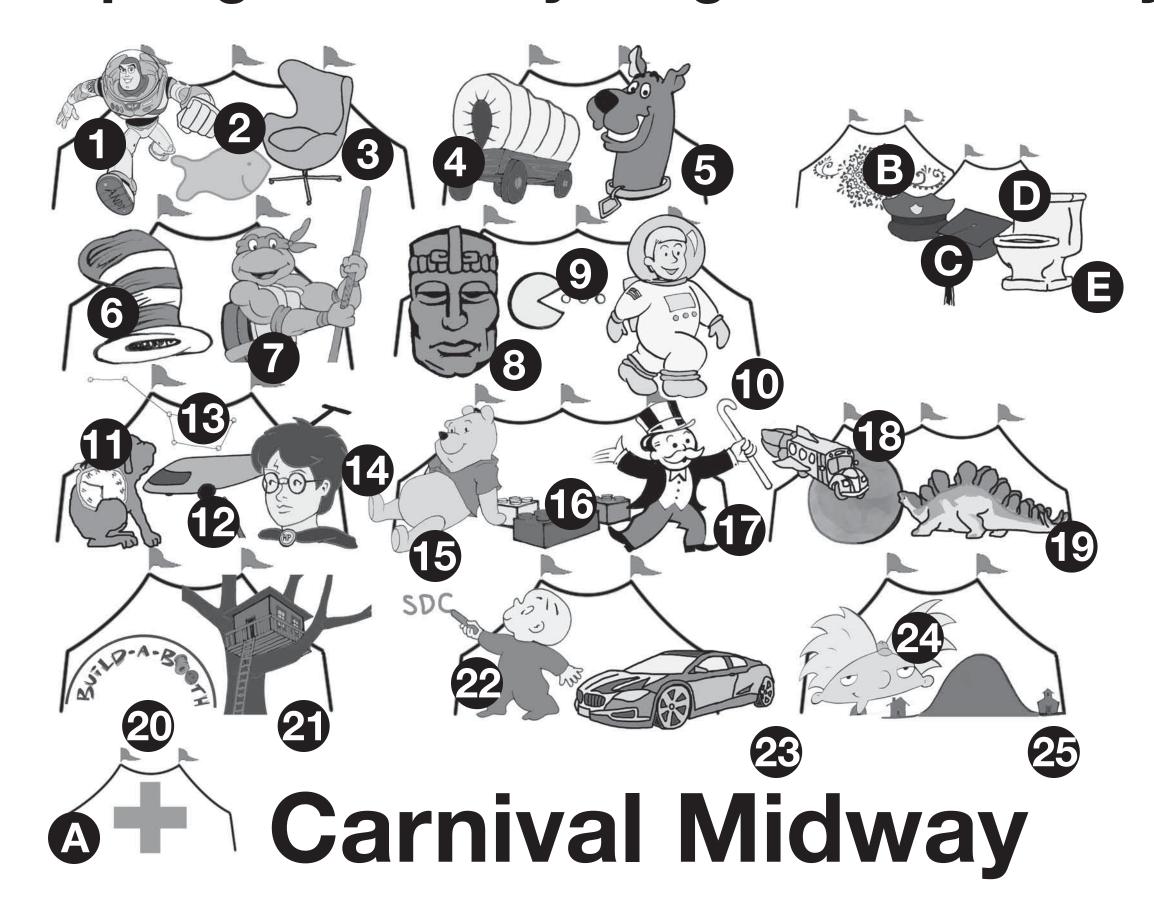
Tim Dimond. Midway. 2:30 p.m.

Step Show. Midway. 4:30 p.m.

Award Ceremony. Midway. 6 p.m.

Philadelphyinz. Midway. 7:30 p.m.

Fireworks. Midway. 9:30 p.m.



Guide to Midway

Booths

- 1. Asian Students Association Toy Story
- 2. Sigma Nu Goldfish Challenge
- 3. Singapore Students Association Retro Lounge
- 4. Taiwanese Students Association The Oregon Trail
- 5. Mayur/International Students Association Scooby Doo
- 6. Kappa Alpha Theta The KAT in the Hat
- 7. Sigma Phi Epsilon Teenage Mutant Ninja Turtles
- 8. Alpha Chi Omega Legends of the Hidden Temple
- 9. Sigma Tau Gamma Classic Video Games
- 10. Kappa Kappa Gamma Kappa Kosmic Galaxy
- 11. KGB The Phantom Tollbooth
- 12. Society of Women Engineers Buggy
- 13. Astro Ye Olde School for Young Astronomers
- 14. Delta Tau Delta Harry Potter and the Deltly Hallows
- 15. Delta Gamma Pooh Bear
- 16. Fringe The World Was My Building Block
- 17. Alpha Kappa Psi Monopoly
- 18. Stever Magic School Bus Goes to Pluto
- 19. BioSAC Brontosaurus Was a Dinosaur
- 20. Kappa Sigma Build-a-Booth
- 21. Delta Delta No Grown-Ups Allowed
- 22. Student Dormitory Council SDC and the Purple Crayon
- 23. Beta Theta Pi Need for Speed: Beta Raceway
- 24. Mudge Hey Arnold
- 25. Alpha Epsilon Pi I Had to Walk Uphill Both Ways

Resources

- A. EMS
- B. Henna Artist
- C. CMU Police Department
- D. Alumni Relations
- E. Bathrooms





Did you know?

April 19, 1911

Three Tech students appear in this week's Tartan for having taken a 200mile car trip from Pittsburgh to Lock Haven, Pa. The article calls the travel time of 22 hours and 40 minutes "remarkably good." At one point, the car, stuck in mud up to its hubcaps, had to be coaxed free by tearing down a nearby fence to put underneath it.

April 12, 1961

A lengthy editorial in this week's issue disparages the "pre-1920 attitude concerning women students" prevailing on campus. The writer, however, proves the point only too well: Students in engineering, science, and fine arts are referred to as "women," but those in the Margaret Morrison College are consistently "girls."

April 15, 1986

The Tartan and the Fence both announce that Carnegie Mellon students will get a free concert sponsored by MTV. The show comes as first prize in a fundraiser for multiple sclerosis. So what did the University of Pittsburgh have to do to get Ke\$ha last Sunday?

April 9, 2001

An in-house advertisement simply displays the words "Patronize Tartan Advertisers" in large type. Prominent ads in the accompanying issue feature the Pittsburgh Symphony Orchestra, the University Shoppe, and U.S. savings bonds.

April 10, 2006

Architect Mack Scogin comes to campus to unveil the design for the planned Gates Center for Computer Science and the smaller building, "Donor X," attached to it. "You can't make the mistake of something too modest, too small," Scogin says in his speech. That sounds like we should have had a nine-floor Helix.

Not even a new building makes everyone happy. The Crime & Incident column includes a report from an annoyed worker in the Gates Hillman April 12, 2010 Complex that music from the Cut could be heard inside his office. He "requested that it be turned down so that he could work." Must have been a computer science grad student.

Greg Hanneman | Contributing Editor

Fellner delivers refreshing reading

Visiting poet entertains audience with enthusiastic delivery

Assistant teaching professor of English Yona Harvey introduced Steve Fellner, a poet visiting last Thursday as part of the Adamson Visiting Writers Series, by describing the characters in his poems as "not mild mannered misters, but contradictory tricksters." This description may be well suited to the man himself.

Steve Fellner welcomed the audience to come closer to hear him read selections from his first book of poems, Blind Date With Cavafy, as well as newer poems that will likely be included in his second book of poems, Harlem Globetrotters, due sometime in June. He started out the discussion by stressing that he would stick to the schedule — he didn't want to bore the audience with his poems. It was soon apparent that the audience was in no danger of getting bored.

He started out with a poem from Blind Date titled "Synesthesia." His performance of the poem stood out immediately because of his dramatic pauses and enthusiastic delivery, which emphasized the humor in his writing. He introduced his next poem by talking about his life in Salt Lake City, and how, despite appearances, it has a flourishing gay community as well as an abundancy of crystal meth. He warned the audience never to get into meth, because it completely "messes up your gums." His second poem, "I am Known as Walt Whitman," discussed his experience with online dating — with Walt Whitman as his alias — and was a drastic change in tone from his first, with visceral sexual imagery and a tragic narrative.

After discussing his writing process for a bit, he began to joke about his views on Matthew Shepard, as well as his experiences as a (oftentimes hypocritical) teacher and his outdated attire. He mentioned that he once hoped to become a gay role model but quickly became disillusioned; he felt that the depiction of Matthew Shepard as an angel was something that he couldn't relate with. He went into two poems about Shepard. "Shoelaces" talked about the oddity of Shepard being tied up with his own shoelaces by his murderers, and branched into his wishes of being a father and tying his children's shoes. "Ode to Matt" talked about the desire for revenge.

During and after the reading, Fellner was eager to discuss his writing with the audience. The questions began with his interest in movies and science fiction, including his opinion on Jake Gyllenhaal and his fear of his soul being taken away as in Invasion of the Bodysnatchers (which he references in "Capgras Delusion"). He also brought up how he encouraged his students to embrace and reinvent tropes, and the advantage of exploring



Poet Steve Fellner recently came to read his work as part of the Adamson Visiting Writers Series.

other worlds to escape from our own.

Fellner discussed his writing process, and how with his latest book he has been forced to write at least one poem per day in order to build up to the good poems. His editing process, he explained, usually consists of small changes and a thumbs up or thumbs down from his partner. He mentioned that instead of trying to revise his poems, he often just starts over entirely from scratch.

His final poem, "Love Poem For Phil," was the result of his partner insisting that he write a love poem. He highlighted the use of exclamation marks after "egads" and "peace" that he put in for his partner; he claimed to hate exclamations because men who use exclamation marks are weak. The poem was a charming and lighthearted conclusion to a refreshing reading.

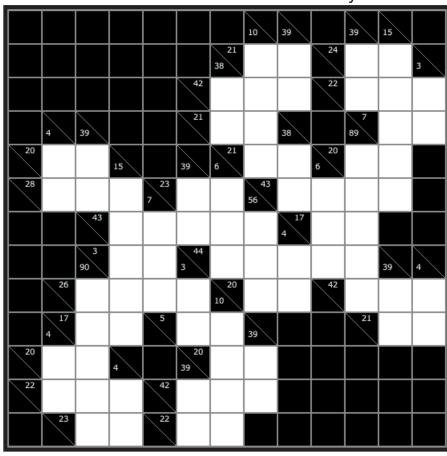
Daniel Lipson | Forum Co-Editor

Easy Difficulty

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

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

Kakuro Puzzle: Hard Difficulty



Kakuro courtesy of www.menneske.no/kakuro/

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

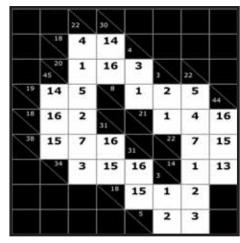
Solutions from April 4, 2011

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Crossword

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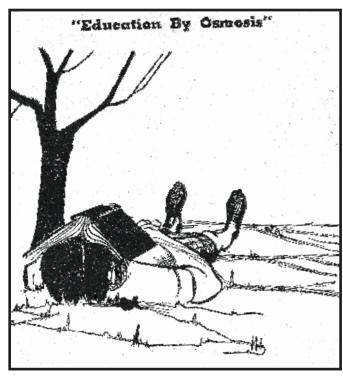
Hard Difficulty



Easy Difficulty













2006

Throwback Comics

Take a look at comics from The Tartan's past



My friends claimed they had gotten "lost" in Frick Park In reality, they just dian want to climb up the really steep hill they



2005

To Find out more: Voit Bridges and

Timels of Allechery Carty of paybridgs or

2001

are here in Pittsburgh

Horoscopes

aries

march 21-april 19

This week your wisdom and life experiences will hit you full in the face even though you won't be thinking about them. Don't be afraid; it is a good thing and will help you put your life into perspective.

taurus

april 20-may 20

I don't care how late you are to class every day, but you can't use your buggy as an everyday means of transportation.

gemini

may 21-june 21

Don't lower your standards in life. You should seek out the best, but if what you seek are higher standards for the weather in Pittsburgh, then lower your standards quickly in order to avoid lots of sadness.

cancer june 22-july 22

Throw the books aside and enjoy Spring Carnival. Yes, you have lots of work to do, but things will be worse for you if you don't enjoy yourself for a day or so this week.

leo

july 23-aug. 22

At the Carnival concert this year, be inspired by the passion in the crowd and jump on stage to perform with Big Boi. The lawsuit and restraining order will be well worth it.

virgo aug. 23-sept. 22

Hopefully it never comes to this, but take comfort in knowing that if a natural disaster were to hit, your campus organization is well equipped to build temporary structures until the National Guard arrives.

libra

sept. 23-oct. 22

Note that your booth-building hardhat is for Midway only. Please don't wear it to class next week.

scorpio oct. 23-nov. 21

Whatever you do, don't blow your top over Buggy. No matter what happens, there will always be next season.

sagittarius nov. 22-dec. 21

Mistakes can be corrected if you put enough effort into fixing them. The first step to correcting your mistakes is to forgive yourself. After that things will be much better.

capricorn dec. 22-jan. 19 Look at the paper, now look up, now back at your paper. You just spent unnecessary time looking around. Look down, now look up. You are standing in the middle of the Cut. How the heck did you get there?

aquarius jan. 20-feb. 18 Mind your "p"s and "q"s this week. There are alumni visiting, and you never know who just might be your boss one day. Oh, and because being polite is the proper thing to do.

pisces feb. 19-march 20

Please: For your safety and the safety of others, don't eat more than three funnel cakes this week.

Nicole Hamilton | Comics Editor

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67		Γ				68					69			
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Crossword courtesy of BestCrosswords.com

Across

- 1. Applaud
- 5. Cornerstone abbr.
- 9. Brewer's need
- 14. Actress Downey
- 15. Final Four org.
- 17. Blind as _

- 34. Bird of prey
- 40. Female graduate
- 43. Distribute, with "out"
- 44. Deity
- 48. Art of writing in shorthand
- 52. Addis
- 61. Clubfoot

- 66. Meadows
- 67. Senator Specter

Down

- 16. Moving

- 28. Fear of crowds
- 39. Truth

- 47. Against

- 57. Declare

- 64. 100 dinars

- 68. Knowledge
- 69. Fill with cargo
- 70. Assumed attitudes
- 72. The ____ the limit!

- 18. Mistress
- 19. Israeli seaport
- 20. Visionary
- 22. Jocose
- 23. Track
- 24. Perfume the air
- 38. Dr. of rap
- 41. Rubber

- 51. Recurring series

- 63. Currency unit in Nigeria

- 71. Lather

- 1. Skill
- 2. Like lungs
- 3. Appliance brand
- 4. Page of music
- 5. Finishes
- 6. Put an end to 8. It breaks daily
- 7. Levy
- 9. Name of God
- 10. Morales of "NYPD Blue" 11. Arguing
- 12. Separate by a sieve
- 13. Salver
- 21. Crazy as _
- 25. Antiquity, old-style
- 26. And not
- 27. Language communication

eve

- 29. Rugged
- 30. In the blink _ 31. Jute or ramie
- 32. Bakery worker
- 33. Gillette brand 34. X-ray units
- 35. Bunches
- 36. Whimper
- 37. Revenuers, for short
- 42. Pertaining to a sovereign 45. Tolkien ogre
- 46. Indian dish
- 49. Vast seas
- 50. Explosive device 53. Posters
- 54. More or less vertical
- 55. Like some eyes 56. Donkeys
- 57. Break, card game
- 58. Edible corm
- 59. Has a bug
- 60. Corner 62. Some are pale
- 64. "Treasure Island" monogram
- 65. Acknowledgment of debt

MONDAY4.11.11

Humanities Center Lecture Series: Riva Kastoryano. Porter Hall 100. 4:30 p.m.

Takacs Quartet. Carnegie Music Hall. 7:30 p.m. **Sara Bareilles.** Carnegie Library of Homestead. 7:30 p.m.

TUESDAY4.12.11

The Imaginations of Unreasonable Men. Hamburg Hall 1000. Noon.

Cynthia Lin Lecture. Kresge Theater. 5 p.m.
Film Kitchen. Melwood Screening Room. 7 p.m.
Ezra Furman and the Harpoons. Stage AE. 7 p.m.
The Outcast. Shadow Lounge. 7 p.m.

WEDNESDAY4.13.11

SW PA Robotics Cluster Annual Meeting. National Robotics Engineering Center, 10 40th St. 4:30 p.m.

THURSDAY4.14.11

Buzzing 4 Change. University of Pittsburgh, William Pitt Union. Noon.

Bhutto. WQED Studios. 6:30 p.m.

FRIDAY4.15.11

Bassnectar. Stage AE. 7 p.m. **Hackensaw Boys.** Rex Theatre. 7 p.m.

Pittsburgh Artists Rally for Japan. Shadow Lounge.

8 p.m.

The Vanishing of the Bees. Melwood Screening Room.

SATURDAY4.16.11

Panther Hollow Volunteer Extravaganza. Schenley Plaza. 9 a.m.

Lunch Line. Melwood Screening Room. 2:30 p.m. **Author Colleen Hroncich.** Carnegie Library of Pittsburgh. 3 p.m.

Pittsburgh Power Arena Football. Consol Energy Center. 7:30 p.m.

Patty Larkin. Carnegie Lecture Hall. 7:30 p.m.

SUNDAY4.17.11

Urban Roots. Melwood Screening Room. 4 p.m. **Tim Reynolds.** Altar Bar. 7:30 p.m. 21+ **Tony Allen's Afrobeat Orchestra.** Carnegie Music Hall. 8 p.m.

MONDAY4.18.11

Anti-Gravity Great Downhill Race. The Cut. 4:30 p.m. **School of Design Lecture: Arnold Wasserman.** Baker Hall, Giant Eagle Auditorium. 5 p.m.

Craig Dykers "Snohetta: Works." Carnegie Library Lecture Hall. 6 p.m.

Want to see your event here? E-mail *calendar@thetartan.org*

Classifieds

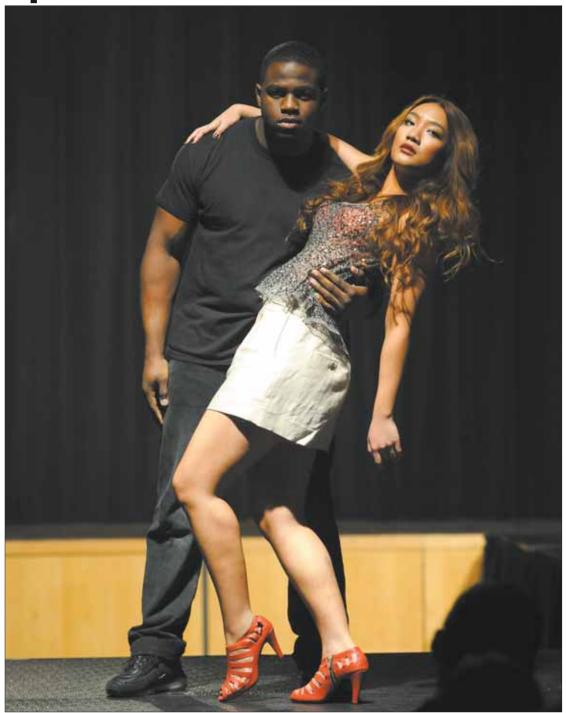
NOW HIRING: C@CM Teaching Assistants

Applications are now being accepted for the C@CM Teaching Assistant position. Only UNDERGRADUATE students eligible for employment will be considered. To read the full position description and to apply, search TartanTrak for the job title "C@CM Teaching Assistant."

SDK developers needed - Seasoned business professional looking for 2 to 4 partners. You write the code, I will take it to market. Equity partnerships for your skills. Interested partners with SDK development skills please reply to: sglover@awardleasing.com to receive business overview memorandum.



spirit fashion show.



Alax Wahstor | Photo Staff

SPIRIT, a minority organization designed to promote African American awareness on campus, held its annual fashion show last Saturday. The fashion show, which featured the work of student designers, had "The Elements" as its theme.