

Can't buy a car? Rent one

by **Alexander Dileonardo**
Staffwriter

This school year, Carnegie Mellon students and faculty members have two new transportation options. Two national hourly rental car companies, Flexcar and Zipcar, recently opened shop in Pittsburgh, offering all-inclusive hourly car rental services to local residents.

To use Flexcar's vehicles, customers must be at least 21 years of age. Zipcar has a special contract with Carnegie Mellon that allows the company to offer use of their vehicles to students as young as 18.

To use Flexcar or Zipcar, students must create a membership on the companies' respective pages, *Flexcar.com* and *Zipcar.com*. Both companies require a \$35 initiation fee. Currently, Zipcar is running a promotion for students in which the initiation fee is turned into rental credit for the customer.

"We partnered with the university in order to have the cars on campus," said Zipcar spokesperson Adam Brophy. "The university provides the parking spaces. They help with promotion and we discount the service."

Even without a contract with Carnegie Mellon, Flexcar shows much potential to solve students' transportation problems.

Three years ago, Seattle University was one of the first markets in which Flexcar began operations.

See CARS, page A3

Up in arms

Graduate Student Assembly refuses to ratify student elections

by **Sabrina Porter**
Assistant News Editor

On Thursday, the Graduate Student Assembly (GSA) failed to ratify the results of last week's election, which would have declared Sean Weinstock, senior political science and business major, and Adi Jain, senior electrical and computer engineering and business major, as student body president and vice president, respectively.

Technical difficulties with hundreds of graduate student votes prompted the GSA to vote against the election results. Although Student Senate unanimously approved the results, both groups must agree before the winners can take office.

The void is effective only for the executive board of the student government, which includes the student body president (SBP), student body vice president (SBVP), and student body vice president of finance (SBVPF). Positions for Student

Senate were approved by both Senate and the GSA.

If the election results had been declared valid, Weinstock and Jain would have taken office, beating Colin Sternhell, senior economics and business major, and Lauren Hudock, senior public policy and management and philosophy major, by 19 votes. Joel Bergstein, senior mechanical engineering and engineering and public policy major, would have been named SBVPF, having won by 182 votes.

"I really think we would have benefited the campus by letting Sean and Adi take over now," Sternhell said. "It seems like a better alternative to waiting almost two more weeks to install a new president when they could be doing things now."

Elections began as planned Monday at 7 p.m. Starting that night, the Elections Board received 15 complaint e-mails, seven of which were from graduate

See ELECTIONS, page A4



Max Jordan/Photo Staff

United Steelworkers endorses John Edwards at Mellon Arena



Mike Murphy/Photo Staff

John Edwards (center) receiving the endorsement of the United Steelworkers, led by Leo Girard (left) and the United Mine Workers of America, led by Cecil Roberts (right).

by **Elliot Onn**
Junior Staffwriter

"America wasn't built on Wall Street. America was built by men and women who worked with their backs and their hands."

That was the message presidential candidate and former senator John Edwards (D-N.C.) delivered to Pittsburgh as he accepted the endorsement of the United Steelworkers and the United Mine Workers of America last Monday at the Mellon Arena.

The son of a mill worker, Edwards has taken up the cause of the middle class. After losing the race for vice-president

in 2004, Edwards dedicated himself to fighting poverty, globetrotting to places like India and China, and marching alongside workers in over 200 picket lines around the U.S. Last October, Edwards joined a United Steelworkers (USW) strike of a Goodyear plant, demonstrating solidarity with their cause.

"[Edwards] never once mentioned politics or his quest for the presidency," USW President Leo Girard said of Edwards's participation in the strike.

It was with the same populist spirit that he decided to make his entrance to the USW event from behind the crowd, as opposed to coming from backstage, the preference of

many politicians.

Sporting jeans and a navy USW jacket, Edwards stood before a mass of current and retired steelworkers, all of them burly and some wearing the colored shirt of their local union. He drew on his campaign's focal points of universal health care and labor rights for all Americans.

The United Mine Workers of America (UMWA) also chose to endorse Edwards.

UMWA made their choice despite Edwards' recent announcement that as president, he would not allow any new coal plants to be built without carbon capture technologies

See EDWARDS, page A3

Call a midwife: Oakland's water broke

by **Claire Morgenstern**
News Editor
& **Shawn Wertz**
Editor-in-Chief

Carnegie Mellon students found themselves between a rock and a dry place after a water main near the Heron Hill water pumping station at the corner of Centre Avenue and North Dithridge Street in Oakland burst around 12:30 p.m. on Thursday, Aug. 30. Many campus buildings, as well as off-campus Oakland apartments, were either without water or had very low water pressure.

Carnegie Mellon got word of the break at about 2:30 p.m. from the Pittsburgh Water and Sewer Authority, according to Marty Altschul, university engineer and director of Facilities Management Services (FMS). Since the university's water supply is dependent on the city's, there was nothing that university personnel could do directly to repair the line.

"It was a break in their line, not ours," Altschul said.

Altschul assigned different groups of personnel, including residence life staff, university police, and FMS members, to assess water flow in different

campus buildings. Carnegie Mellon is served by the Heron Hill reservoir as well as the Highland Park reservoir, and while the university is aware of which buildings are served by each reservoir, there are cross valves between the reservoirs so personnel can never be certain where the water for each building is coming from at any given time.

Since the water and sewer systems work partially based on gravity, the buildings that experienced the lowest water pressure were those at the

See WATER, page A4

Drive-by



File Photo

Missing the bus will become an even more frequent occurrence as students experience the effects of the Port Authority's Sept. 2 service cuts. Service was reduced by another 10 percent. For article, see page A3.

Page 2

Weather



TUESDAY
Hi: 73
Lo: 54



WEDNESDAY
Hi: 73
Lo: 55



THURSDAY
Hi: 77
Lo: 60



FRIDAY
Hi: 80
Lo: 57



SATURDAY
Hi: 58
Lo: 42

Lecture Preview

Panelists to discuss reality of fair trade

by **Claire Morgenstern**
News Editor

Title: “The Daily Grind: Making Fair Trade Coffee a Reality”

The Basics: A panel of three experts will discuss the growing prevalence of fair trade organizations and products in response to growing economic hardships for small-scale commodity producers in poor countries. They will discuss methods for creating alternative trade networks and expanding fair trade in Pittsburgh and beyond, as well as possible challenges.

Panelists are: Michael Woodward of Jubilee House Community, Inc., a faith-based organization based in Nicaragua that focuses on development in Central America; David DiOrio of La Prima Espresso Company, an independent coffee roaster in the Strip District and in Carnegie Mellon’s Wean Hall; and Matt Yough of Building New Hope, a local non-profit that supports sustainable community-building in Central America. All have been key players in bringing fairly traded organic coffee to Pittsburgh.

The lecture is part of the University Lecture Series.

When: Today at 4:30 p.m.

Where: Adamson Wing (Baker Hall 136A)

Title: Adamson Visiting Writers Series — Eugene Gloria

The Basics: Poet Eugene Gloria will give a reading of selected works. Gloria is the author of *Hoodlum Birds* (2006) and *Drivers at the Short-Term Motel* (2000), which was selected for the 1999 National Poetry Series and the 2001 Asian American Literary Award.

Gloria is a Filipino-American, born in Manila and raised in San Francisco, which are themes that often appear in his work.

Gloria is an associate professor of English and the 2006–2008 Richard W. Peck Chair in Creative Writing at DePauw University in Greencastle, Indiana.

The series is run by the creative writing program in the department of English made possible by the support of the Pauline B. Adamson Fund.

When: Thursday at 8 p.m.

Where: Adamson Wing (Baker Hall 136A)

Title: “It’s Time to Act: The Reality of Climate Change”

The Basics: Bill Perkins, a graduate student in the Heinz School, will discuss the history, causes, and projected impact of global climate change from a scientific standpoint. Climate change is caused by greenhouse gas emissions from human activity. Perkins will also cover climate change from national security, policy, and economic standpoints, as well as the local impact of such change. Lastly, Perkins will tell audience members what they can do to contribute to finding a solution.

Perkins is a former U.S. Army officer and certified presenter for The Climate Project.

The lecture is part of the University Lecture Series.

When: Monday, Sept. 17 at 4:30 p.m.

Where: Adamson Wing (Baker Hall 136A)

Title: Center for the Arts in Society Research Forum

The Basics: Hilary Robinson, the Stanley and Marcia Gumberg Dean of the College of Fine Arts and author of *Reading Art, Reading Irigaray: The Politics of Art by Women*, will discuss the work of Luce Irigaray, a celebrated feminist theorist in philosophy, gender, linguistics, and psychoanalysis.

Robinson hopes to expose a wider audience to Irigaray’s work through a clear explanation of the theorist’s main ideas.

The lecture is sponsored by the Center for Arts in Society.

When: Tuesday, Sept. 18 at 4:30 p.m.

Where: Hunt Library, Fine and Rare Book Room (fourth floor)

Crime & Incident

Noise Complaint

Sept. 2, 2007
at 12:35 a.m.

University Police received a call from a Morewood Gardens resident complaining of noise coming from the playground behind the Morewood building. The actors were described as three males and one female. They had broken into the playground and were sitting in a circle, smoking and talking very loudly. They were advised to leave the area.

Fire Alarm

Sept. 2, 2007
at 11:48 p.m.

A fire alarm sounded in the second floor common area of the Sigma Nu fraternity house. The Pittsburgh Bureau of Fire arrived on the scene and found no signs of smoke or fire. The cause of the alarm appeared to be burned food. The alarm was then reset.

Noise Complaint

Sept. 3, 2007
at 10:00 p.m.

University Police received a call from a student reporting excessive noise coming from a Margaret Morrison apartment. University Police arrived on the scene and advised the actors to

keep their voices down or risk receiving a citation.

Theft

Sept. 3, 2007
at 11:40 p.m.

A student called University Police reporting that his bike was stolen from the bike rack in front of Scobell House. The actor is unknown and the bike has not yet been found.

Suspicious Activity

Sept. 5, 2007
at 3:24 a.m.

A toner box was found sitting by itself for several hours outside of Margaret Morrison Hall. Concerned with recent bomb threats, University Police arrived at the scene and thoroughly checked and cleared the area.

Theft

Sept. 5, 2007
at 3:04 p.m.

A Morewood Gardens resident reported that three of his boxes placed in the Morewood building and in Veronica Apartments for summer storage were missing. The boxes have not yet been found.

Compiled by
Sabrina Porter



Mingwei Tay/Photo Staff

3... 2... 1... naptime

The new nap pod in the Maggie Murph Café on the first floor of Hunt Library sits in a rare moment of vacancy last week. Upon entering the pod, students can recline the chair to their liking, listen to the pod’s default nature sounds or plug in their own iPods, and set the chair’s alarm for the length of time for which they want to sleep. The chair vibrates at the chosen time to wake the napper up.

Statistically Speaking

September is National Food Safety Month. In an effort to stop the spread of food-borne illnesses, the National Restaurant Association Educational Foundation’s International Food Safety Council designated September as the month to promote the importance of food safety.

Number of known diseases transmitted through food:	200
Number of illnesses caused annually by food-borne diseases in the US:	76 million
Number of deaths caused annually by food-borne diseases in the US:	5200
Suggested amount of time to spend hand-washing to avoid transmitting food-borne illnesses:	20 seconds
Length of time eggs can be stored and still be considered safe:	3 weeks
Number of variations of the Salmonella bacteria found in poultry and eggs:	2000
Sources: www.cfsan.fda.gov , cdc.gov , www.foodsafety.gov , www.fsis.usda.gov	Compiled by Amanda Cole

Corrections & Clarifications

Last issue’s cover photo was mistakenly attributed to Liz Schwartz, Managing Editor. The photographer was J.W. Ramp, Assistant Photo Editor.

In last issue’s news article, “Students contribute to city’s diversity,” a web address listed was incorrect. The correct address is www.arrepiabrasil.org, not arrepiacom.com.

An illustration accompanying last week’s Pillbox article, “Fresh food,” was mistakenly attributed to Jennifer Kennedy, Art Staff. The artist was Dave Kjos, Art Editor.

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

Second bomb threat of the semester hits campus

Hunt study rooms open

New group study rooms opened in the basement of Hunt Library on Thursday. Each room contains a large table and chairs, two white boards, glass outer walls, and its own door. Students reported that having the rooms eliminated the frustration of groups trying to meet on designated quiet floors, where they may be a disruption to other students, or the Maggie Murph Café, which can be noisy and distracting for students trying to work. The university is planning to add similar rooms in the Engineering & Science Library on the fourth floor of Wean Hall.

The Library Transformation

Project, which began in July, is still underway. The University is switching its cataloging from the Dewey Decimal System to the Library of Congress system to match the organization of non-college-affiliated libraries. Under the Library of Congress system, books will be shelved near others with similar topics and the call numbers on each item will include the publication year to more clearly distinguish between editions.

The transformation of the Engineering & Science Library has been completed; Hunt Library is currently undergoing re-labeling in stacks-2 and the basement collections.

Another bomb threat on campus

On Tuesday at 2:42 p.m., University Police responded to another e-mailed bomb threat. Although the threat was sent Saturday, Sept. 1, the e-mail was not discovered until classes resumed after Labor Day weekend. The threat stated that the bomb was located in Whitfield Hall, an administrative building on North Craig Street owned by the university. The threat also mentioned that another bomb in a brown paper bag would be placed on the outdoor campus but did not give a specific location.

The campus community was alerted to the situation around 3:30 p.m. Tuesday. University

Police soon evacuated Whitfield Hall. After thoroughly searching the building and the outdoor campus, University Police found no evidence of suspicious or dangerous devices.

By 4:40 p.m., Whitfield Hall had been reopened and the campus community was notified that both locations had been deemed safe.

The FBI is currently investigating the threat, according to a Sept. 5 article on KDKA News’s website. There have been 12 other similar threats made at universities all over the country. All threats involved bombs and were received by university personnel via e-mail. While federal

agents have not yet determined if the cases are related, because the threats were sent electronically, there is a high probability that agents will be able to trace them to the sender, the article indicated.

Students, faculty, and staff were notified of the threat through e-mail messages, notes posted on the university’s homepage, and the AlertNow system.

To sign up for the AlertNow system, visit <https://my.cmu.edu/site/main/page.alert>.

Compiled by
Alexa Huth

Science & Technology

6 Study on natural gas



Also:
Nanogels deliver drugs
How Things Work: Air Traffic Control

Forum

11 Screwing the intern



Also:
Get uncomfortable
Cosmo vs. *Esquire*

Sports

16 Football defeats Grove City



Also:
Men’s soccer wins first two games
Athlete Profile: Travis Sivek

Pillbox

8 Eating Green



Also:
American Idol audition
Fall TV preview

Port Authority reduces bus service by 10 percent

by **Maria Zayas**
Staffwriter

On Sunday, Sept. 2, the Port Authority of Allegheny County reduced its service by an additional 10 percent in hopes of dissipating some of the company's \$80 million budget deficit for the current fiscal year, which began on July 1.

The reduction was the second of three phases of change. The first phase, which went into effect on June 17, reduced service by 15 percent, eliminating 30 regular routes. These changes were minor compared to the original proposal made in January, which would have cut service by 25 percent and eliminated 124 routes.

However, the Port Authority found that phase one alone was insufficient for regulating budget deficiencies, and decided to implement phase two of the plan. If the additional decrease is not effective enough, the Port Authority will move on to phase three, which will increase the fares on certain routes via one of two current proposals. One proposal would increase the base fare from the current \$1.75 to \$2.50 while keeping the zone structure. The other proposal

would have all riders pay a flat \$2 fare. If the Port Authority deems it necessary, phase three will go into effect Jan. 1, 2008. The Port Authority has not yet decided which routes will be affected.

Even before the cuts, the reliability of the transportation system was regarded unfavorably by some Carnegie Mellon students.

"My experience with the buses has been almost completely unreliable," said Kyri Baker, a sophomore in electrical and computer engineering. "The only bus that seems to actually follow its schedule in my experience has been the 28X. My friends and I have waited for almost an hour for the 59U to pick us up, and I think the 61 buses only seem more reliable because there are more of them. [It] makes even small trips like going to Squirrel Hill take much longer than necessary."

Christine Park, a sophomore economics major, agrees.

"[The Port Authority's] unreliability wastes a chunk of my day," Park said. "It really is an inconvenience because I have to set aside two to three extra hours for transportation. I also don't support any further cuts in the public transportation depart-

ment because it's bad as it is."

Those who will be most affected are residents of certain sections of Allegheny County that will lose all public transportation, and areas such as Brookline and Troy that have lost most of their routes, according to Amanda Zeiders of Save Our Transit, a non-profit organization working to eliminate service cuts. Many workers and families, some of whom cannot afford their own vehicles, depend on the public transportation system, Zeiders said. Others find taking the bus a better and more cost-effective alternative to the expensive and hard-to-find parking available downtown.

However, the Port Authority estimates that the new plans will result in a projected rider loss of only 4 percent, according to its website.

Part of the Port Authority's financial trouble may be due to "lavish" management perks that caused a \$28 million pension plan deficit, according to a March 24 article in the *Pittsburgh Tribune-Review*. In July, Port Authority CEO Steve Bland responded to the allegations by implementing radical changes in managerial policies, including the elimination of lifetime

healthcare benefits and 56 staff positions, and the freezing of the salaries of senior management, including his own.

Some riders, such as members of Save Our Transit, have taken it upon themselves to secure alternate funding, in fear that their own routes will be cut next.

Save Our Transit believes that workers and riders alone should not have to pay the price for Port Authority's poor funding. The group is now working hard to secure funding from local authorities.

"Right now we're working on getting dedicated funding," Zeiders said. "We're very close to getting it. The state has agreed to give some dedicated funding, but unless local authorities match their funding, we won't get any funding."

A public hearing to discuss the possibility of alternatives and local funding for the public transportation system will be held Tuesday, Oct. 2 at 5 p.m. at 436 Grant St. in Downtown. In order to speak at the hearing, participants must preregister by calling Job Mascio, the county clerk, at (412) 350-5636 or by making a request online at www.alleghenycounty.us/council/meetings/comment.asp.

Edwards brings his campaign to Pittsburgh



Mike Murphy/Photo Staff

John Edwards greets workers and families last Monday at Mellon Arena.

EDWARDS, from A1

that reduce carbon emissions significantly. He pledged to put "at least a billion dollars into the development and implementation of carbon capture."

The actual cost of the primary research and development tasks for carbon capture is projected to be between \$8 to \$10 billion, according to Howard Herzog, a researcher on MIT's "The Future of Coal" study. In addition, experts such as Herzog, along with the Department of Energy (DOE), have determined that carbon capture plants won't materialize for at least a decade, a long wait for mine workers and their families.

Edwards made the case against sending jobs overseas in his stump speech. The mention of Bush's name led to a round of boos from the steelworkers, as Edwards vowed to prioritize the middle class and unions over corporations. "Nobody will be able to walk through that picket line and take your job away from you," he said.

Many Carnegie Mellon students plan to work in the high-tech field, where jobs are less threatened. In contrast, increasing trade and globalization proves more of a threat for manufacturing unions. The AFL-CIO, the largest representative of unionized workers in the U.S., maintains the country has lost more than 2.5 million manufacturing jobs since 2001.

The USW, which claims a membership of 1.2 million, is mostly concentrated in Pennsylvania, West Virginia, Ohio, and Kentucky, none of them early battleground states in the primary election. Still, the Edwards campaign maintains their value.

"A candidate's strength in those states — their ability to mobilize — is going to be enormously important," Edwards's wife Elizabeth told *The Tartan*. "Electability is an issue every place."

Most of Edwards's resources are concentrated in Iowa, where he holds a five-point lead over Hillary Clinton, according to an Aug. 26 poll by *Time* magazine.

Car-sharing near both campus and student price range



J.W. Ramp/Photo Editor

A new Flexcar station at the corner of Forbes and Margaret Morrison.

CARS, from A1

"Flexcar provides members of our community the same freedom associated with a personal

car without them having to bring their vehicle to campus," said Mark Melnick, director of transportation services at Seattle University.

Depending on the car, Flexcar's hourly rental rates range from \$6 to \$11. Zipcar offers an hourly rate of \$7 for all of its vehicles. Both companies' rates include insurance and gas fees.

Users can search and reserve cars by location or model type via the companies' websites.

One-third of Flexcar's fleet is hybrid. The entire fleet consists of a Mini Cooper, Toyota Corolla, a minivan, and a Toyota Tacoma truck. Zipcar has a Toyota Prius hybrid and a Mazda 3 sedan available for customers' use.

Near the Carnegie Mellon campus, Flexcar has one parking space located on Devon Road in Oakland, two on the corner of Forbes Avenue and Margaret Morrison Street, three on Forbes Avenue near the University of

Pittsburgh, and one on Meyran Avenue in Oakland.

Zipcar's two parking spaces are located in Carnegie Mellon's East Campus Garage.

Both companies plan to expand the number of cars available to students.

"When we start to add cars, we will work with the school and survey our members to see what kind of cars they want on campus," Brophy said.

Flexcar has similar expansion plans.

"We started with 20 cars and added 10 more. Now, we are expanding and we are going to be reaching other areas besides Downtown and Oakland," said Jenna Cox, director of marketing at Flexcar.

Flexcar also plans to add a convertible to the company's fleet.



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Oakland water main break leaves thousands stranded without service



Workers try to deal with the massive water main break that affected residents and students around Oakland.
J.W. Ramp/Photo Editor

WATER, from A1

highest elevations, which are the Hill residences and the buildings on main campus. Buildings at lower elevations, such as Scaife Hall and Roberts Engineering Hall, reported better water pressure.

Carnegie Mellon has domestic water systems as well as central cooling systems, both of which were operating on reduced capacity. FMS advised the campus community to shut off as much electronic equipment as possible.

At 4:40 p.m., the School of Computer Science shut down non-facilities machines due to the rising temperature of the Wean Hall machine room.

“It’s like stopping your car when the too-hot light goes on instead of waiting until the engine is cut,” Altschul said.

University Police’s involvement in the crisis was minimal.

“It’s not a police problem, it’s a facilities management problem,” said Sergeant Steven Sabol.

They did, however, help FMS install 10 temporary portable restrooms in the Morewood Gardens parking lot, another 10 outside of Margaret Morrison near the corner of Frew Street, and five at the intersection of Forbes and Morewood. They also distributed hand sanitizer to those using the facilities.

Roads remained open in the immediate vicinity of the university; however, in Oakland, North Dithridge Street was blocked off at the intersection of Bayard Street, and Centre Avenue was blocked off west of North Craig Street, as of 7 p.m. Aug. 30. Access remained open to all on- and off-campus university housing areas.

All roads have since been reopened.

Dining Services continued its regular hours, according to an e-mail sent by Tim Michael, assistant vice president for Campus Services.

The Heinz School canceled all evening classes for the night of Aug. 30, only the second class-

meeting for the fall semester.

The break was repaired late Thursday night, at which point the Pittsburgh Water and Sewer Authority began to refill the Heron Hill reservoir.

At 6 p.m. on August 30, Pittsburgh Water and Sewer Authority reported that they expected full water pressure to be restored by 6 a.m. Friday, Aug. 31. In the meantime, the department asked all affected Oakland residents to conserve water as much as possible.

While water pressure returned to normal in all university facilities by the morning of August 31, the university warned the campus community not to consume the water due to possible contamination. The university supplied gallon jugs of purified water to those on campus throughout the day. Students were also advised to boil tap water.

On the morning of Saturday, Sept. 1, the university informed the community that the water had tested free of contaminants and was safe to drink.

Technical difficulties plague unfair elections, Graduate Student Assembly says

ELECTIONS, from A1

students who reported receiving electronic error messages when trying to place their votes.

Upon further investigation, the Elections Board found that the list of eligible voters, supplied by Enrollment Services, was missing the names of 686 graduate students.

“The Elections Board has had all summer to work out just these kinds of problems,” said Serge Egelman, a computer science graduate student and SBP candidate. “One wonders what exactly they were doing during that time.”

Once aware of the error, the Elections Board instated a new list of eligible voters, and electronic access was given to the affected graduate students at 10:30 p.m. Tuesday night.

To accommodate the electronic error, paper ballots were supplied at Wean Commons and in front of Doherty Hall. The vot-

ing deadline was also extended to Wednesday at 10:30 p.m. to allow for the requisite 24-hour electronic voting time.

“But seriously, who is going to do that?” Egelman asked. “This is effectively a poll tax on graduate students; if you want to vote, you must make the trek across campus to do so.”

“I had no idea the election was going on, or where to go to vote,” said James Rosen, a computer science graduate student. “When I sent an e-mail to the election commissioner, I got an e-mail saying I could come vote by paper ballot. I was in meetings during the hours they listed as being open for paper ballots, so in the end, I never was able to submit my votes.”

There were 140 votes placed by graduate students, less than 14 percent of the 1019 students who voted. In the 2006 election, 1200 students voted, 26 percent of which were graduate students.

Only students who were eligible to vote last spring could cast

their votes. First-year undergraduate and graduate students were not eligible to participate.

Last spring’s departing undergraduates, graduate students, and fall study abroad students were encouraged to cast paper ballots provided to them last May. Those votes were included

of the online voting system. Elections were then postponed until September.

“Last spring, I successfully voted in the online election, then found out the results were later invalidated,” said Rosen. “I knew the elections were going to be rescheduled, but I had no idea

“The Elections Board has had all summer to work out just these kinds of problems.”

—Serge Egelman

in last week’s election results.

Last week’s election attempt was the university’s third. After the initial date of April 9, the elections were postponed two weeks to April 24. The April 24 election was invalidated after it began due to perceived tampering

when they would be.”

“It’s rough to ask for people to come out and vote so many times,” said Sternhell.

This year, the students in charge of the electronic system used to run the election changed, and the system was revised,

which may also account for the difficulties.

With different students taking on the leadership roles after the former leaders graduated, the technical upgrade, the initial technical problems, suspected tampering, and this last election run, the whole process has experienced great difficulty.

“Given the conditions under which this election was executed, if we win, Joe [Arasin] and I vow to step down and let GSA and Senate elect someone as per the constitution,” Egelman said on Wednesday.

The interim student body president, Germaine Williams, will continue his term until the new SBP and SBVPF are appointed Monday, Sept. 24. The appointments will be decided based on majority vote at the joint GSA and Senate meeting held at 5:30 p.m. that day.

All interested candidates, whether or not they ran previously, must submit petitions of

at least 100 signatures to the Office of Student Activities by noon Friday, Sept. 21. All university students are now eligible to run for any of the vacant positions. Petitions can be picked up at the University Center Information Desk or accessed electronically at elections.andrew.cmu.edu.

“When possible, I have held off on the selection of student committee members until the new student body president is elected, preferring to maintain those appointments as the prerogative of the SBP,” Williams said.

Once appointed, the SBP will appoint a SBVP.

Sternhell believes that Weinstein and Bergstein, the projected winners, should be appointed SBP and SBVPF, respectively.

“No matter how the elections went, these votes are still the voice of the people,” insisted Sternhell. “Reinstatement of the projected winners must just be the best and most practical way to do it.”

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We're double-majoring in intellectual stimulation and creative freedom.

Vijay Prakash, class of 2009, always knew he was interested in computers. That's why he chose Carnegie Mellon's Computer Science program, and why he went looking for an internship in the software industry. He wasn't originally looking at Laserfiche, all the way out in Long Beach, California—but he thought the Laserfiche recruiter seemed really nice....



"At Laserfiche, I didn't do random useless things. They gave me stuff to work on that was actually challenging."

Vijay Prakash
Class of 2009

The next thing he knew, Vijay was spending the summer on the West Coast, plunging into software development. "My impression of software internships was that they'd give you a module you'd work on for 10 weeks, small enough that it didn't matter if you finished or not," he explains. "But to learn the ropes, I was given something that actually had an impact."

That first task, adding streaming workflow publishing to the Laserfiche Server, led to many others. "At Laserfiche, I didn't do random useless things. They gave me stuff to work on that was actually challenging. It was an awe-inspiring experience to do something that I know people will use."

When Grant Van Nostrand went looking for an internship Junior year, he picked the one that looked most interesting, and headed west to Laserfiche.

Now, by the time he graduates in 2008, he'll not only have a CS major and a Math minor in hand, but also knowledge of many programming languages and features that he created in a commercial software program.

When Grant arrived in Long Beach, he ended up working on a Web-based version of the core product. "I started by teaching myself C#, XML and Office® 2007, because we wanted to make Laserfiche metadata values visible for Laserfiche documents opened in third-party software," he says. "It was a deceptively difficult task. I had to write the program that generated all kinds of messy XML and I had to format all kinds of stuff to not corrupt the file."

"I like what we work on—and I feel like I did something."

Grant Van Nostrand
Class of 2008



He summarizes: "Basically, I'm writing the code to make that stuff happen. I like what we work on—and I feel like I did something."

Varun Bandi was given a software bug to fix on his very first day at Laserfiche, which surprised him. "This company definitely allows you to jump into a project—your input is never discarded," he says.

He took the job after graduating from Carnegie Mellon in 2006 as a double major in Electrical and Computer Engineering and Computer Science because he liked the idea of being able to work on any project he wanted. He also thought the engineering department's no-cubicle setup might promote great communication between programmers.

He was right. "It's a great company for a lot of reasons. People were friendly from the first day. It's a very focused group—intelligent, knowledgeable and experienced, but also helpful."



Just a year later, Varun is part of the escalation team. "A customer comes to us with a problem implementing our software and says, 'We need this fixed, and we need it fixed now.' So I dive into the code and figure it out—try to find the small piece of code that's causing this one-in-a-million scenario." He adds, "I like the feeling at the end of solving the problem."

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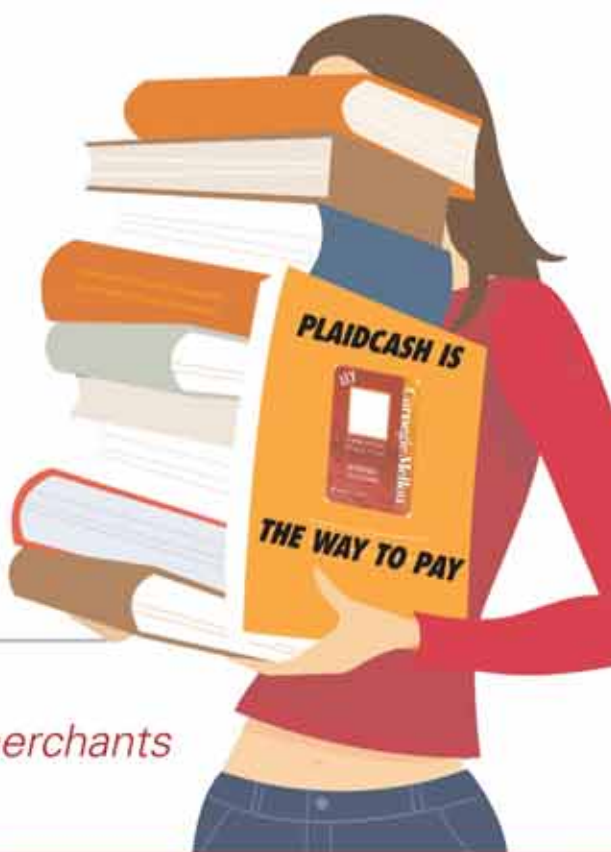
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Nanogels used with drugs

by **Hanadie Yousef**
Staffwriter

Carnegie Mellon researchers have developed non-toxic, biodegradable nanogels that can be used for delivery of carbohydrate-based drugs.

The nanogels were developed using atom transfer radical polymerization (ATRP) in professor Krzysztof Matyjaszewski's laboratory.

ATRP allows chemists to control the number and length of polymers, or molecular chains, by adjusting the ratio of initiator to monomer.

"Using ATRP, we can make spheres of the same diameter, therefore the nanogels are all uniform in size," said Daniel Siegwart, a graduate student in the Matyjaszewski lab. "We are creating a more homogeneous system."

The nanogels have even mesh sizes, meaning that the distance of polymer chains between the cross-linking points is equal.

"This is unique because it allows the gels to have improved swelling properties and enhances the release of the drug trapped inside in a uniform, time-controlled manner."

The nanogels offer many advantages to current drug delivery techniques due to their unique physical characteristics.

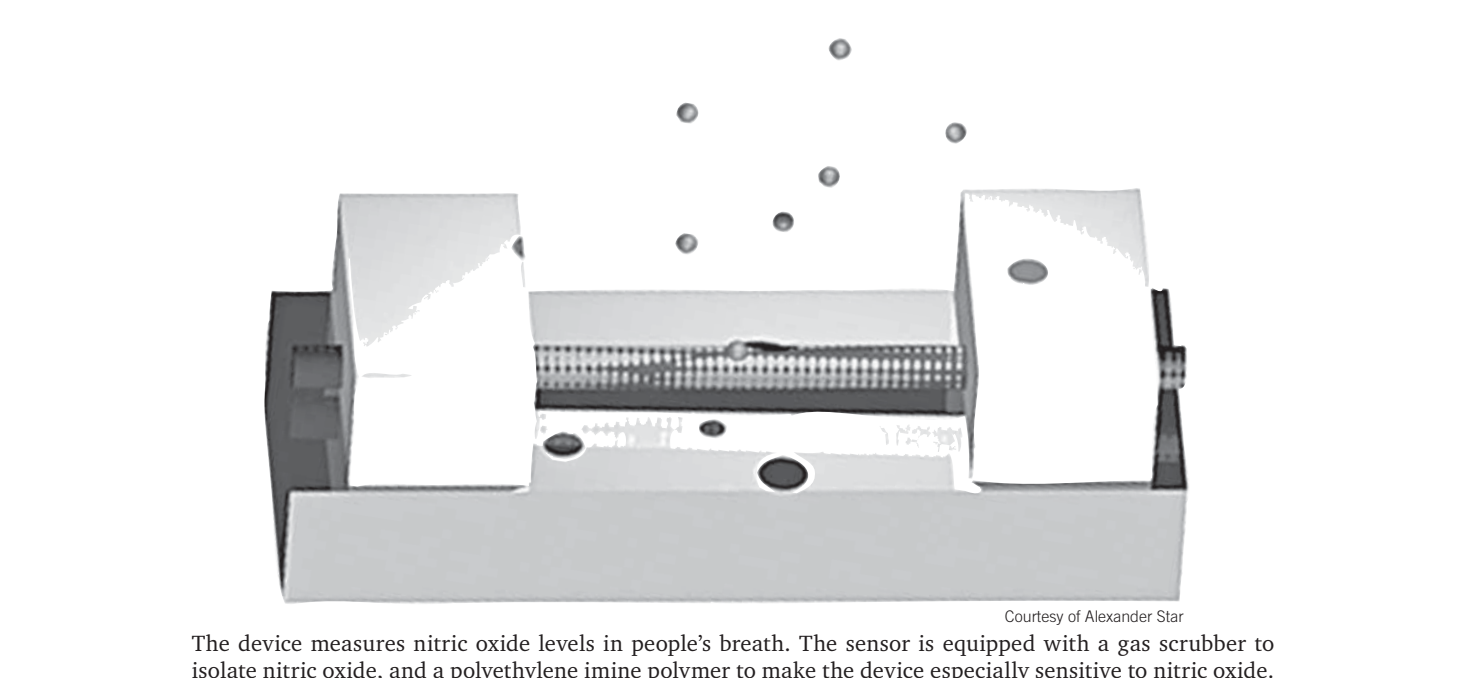
"Gels are polyethylene oxide (PEO) based — this can repel proteins and reduce absorption to material, hence enhancing circulation time in the blood."

The nanogels are also biodegradable, and they are not toxic to cells.

"If a foreign antigen is too big, phagocytes of the immune system will engulf the particles."

See NANOGELS, page A8

New device uses nanotubes to track asthma



The device measures nitric oxide levels in people's breath. The sensor is equipped with a gas scrubber to isolate nitric oxide, and a polyethylene imine polymer to make the device especially sensitive to nitric oxide.

Courtesy of Alexander Star

by **Christine deBriffault**
Staffwriter

Alexander Star, a chemistry professor in the University of Pittsburgh's School of Arts and Sciences, is leading a team in developing a sensor that could detect an asthma attack before its onset.

Asthma is a reaction to certain stimuli that irritate the respiratory system, and the symptoms of asthma range from mild to life threatening.

In particular, an asthma sufferer could negatively respond to an environmental stimulant (or allergen), cold air or emotional stress, according to the World Health Organization.

An intense episode of asthma is called an asthma attack. During an asthma attack, the bronchial tubes in the respiratory system become inflamed with mucus. Because the airway is clogged, a person may experience wheezing, shortness of breath, chest tightness, and coughing.

Star's device is a nanotube sensor that detects increases of nitric oxide in a person's breath. Nitric oxide (NO) is a gas that is highly concentrated in the breath of asthma sufferers. The nitric oxide present in asthma sufferers is at least double the normal range.

Star stated in an e-mail, "Healthy individuals are in the range of 6.0–22.0 parts per billion of nitric oxide, while those affected by asthma are 40.0–80.0 parts per billion."

To detect NO levels in a person's breath, Star's team used carbon nanotubes in their device. Carbon nanotubes are small wires whose diameters are 100,000 times smaller than a strand of human hair.

Carbon nanotubes can change their electrical conductivity when exposed to chemicals. To make their carbon nanotubes specifically sensitive to nitric oxide, Star and his team coated the tubes with a polyethylene imine polymer and added a gas converter and a carbon dioxide scrubber.

"The use of polyethylene imine polymer and the gas converter make the carbon nanotube sensor more sensitive and selec-

See ASTHMA, page A8

Researchers study life-cycle fuel emissions

by **Akshay Dave**
Junior Staffwriter

In a recently published paper called "Comparative Life-Cycle Air Emissions of Coal, Domestic Natural Gas, LNG, and SNG for Electricity Generation," Carnegie Mellon researchers reported that natural gas may not be the most viable energy resource for future production of electricity.

Appearing in the *Journal of Environmental Science and Technology*, this paper is the result of a study carried out by civil and environmental engineering graduate student Paulina Jaramillo, Tepper School of Business professor W. Michael Griffin, and engineering and public policy professor H. Scott Matthews.

The purpose of this study was to analyze the life-cycle greenhouse gas emissions of different fuels. That is, researchers analyzed the environmental impact of burning, mining, processing, transporting, and combusting various fuels.

Griffin, who is joint researcher and executive director of the Green Design Institute, said that his efforts were a way "to understand the environmental impact" of a fuel "through its complete life-cycle."

From a purely chemical standpoint, natural gas is less of a pollutant than coal because it burns cleaner.

The life-cycle approach taken by researchers in this study, however, offers a more accurate representation of the ecological consequences of fuel use.

In particular, liquefied natural gas (LNG) is imported from other countries, and so there are other factors that come in to play than simply burning the fuel.

One such factor is the loss of fuel during transportation. Griffin said that this loss is "both an economic and environmental loss."

See GAS, page A8

SciTechBriefs

Popcorn may cause lung disease

According to Cecile Rose, a doctor at the National Jewish Medical and Research Center, fumes from microwave popcorn may have led to a "deadly lung disease" in one of her patients.

Rose claims that her patient, who consumed two or more bags of popcorn per day, experienced coughing and breathing difficulty. Medical tests revealed that the patient had bronchiolitis obliterans.

This lung disease was seen about five years ago in popcorn factory workers. The disease may be linked to consumption of diacetyl, a chemical found in microwave popcorn. High levels of diacetyl were detected at the home of Rose's patient.

Experts have not yet found a direct link between consuming diacetyl and contracting lung disease. However, some companies, including General Mills and Pop Weaver, said that they will stop making their microwave popcorn with diacetyl.

Source: WebMD

Scientists make muscle fibers

Harvard University researchers have created patterns of muscle fibers using molecular chains.

To create these fibers, researchers first placed protein bands on top of polymers. They then placed muscle cells on top of these protein bands, and after incubation, the muscle cells formed fibers.

In experiments, the muscle fibers were arranged into specific shapes; researchers moved the fibers by shocking them with electricity.

The muscle cells used in the experiment came from mice. Eventually, though, researchers would like to use muscle cells from human hearts to repair damaged organs and test new drugs.

Source: *news scientiststech.com*

IBM creates molecular switch

Researchers from IBM have developed a molecular switch that can rotate without changing shape.

The molecule is called naphthalocyanine. It has two hydrogen atoms that are located on opposite ends of the molecule, and researchers have seen these two atoms flip when electricity is applied to the molecule.

Because the switch does not change shape when turned on or off, it can be combined with other switches to form a logic gate. A logic gate is a circuit whose output is determined by patterns of inputs. When an electrical pulse is sent through one of the molecules, it travels through the adjoining molecules.

Source: *technologyreview.com*

Tropical disease spreads to Europe

Health officials report that the disease Chikungunya, which is native to the tropics, has spread to Europe. The disease may continue to spread around the world if the virus is hereditary in mosquitoes.

Chikungunya is transmitted by a type of mosquito called *Aedes albopictus*. The disease affected over 100 people in Italy this summer. Researchers suggest that the virus spread to Italy through a man who contracted the virus in India.

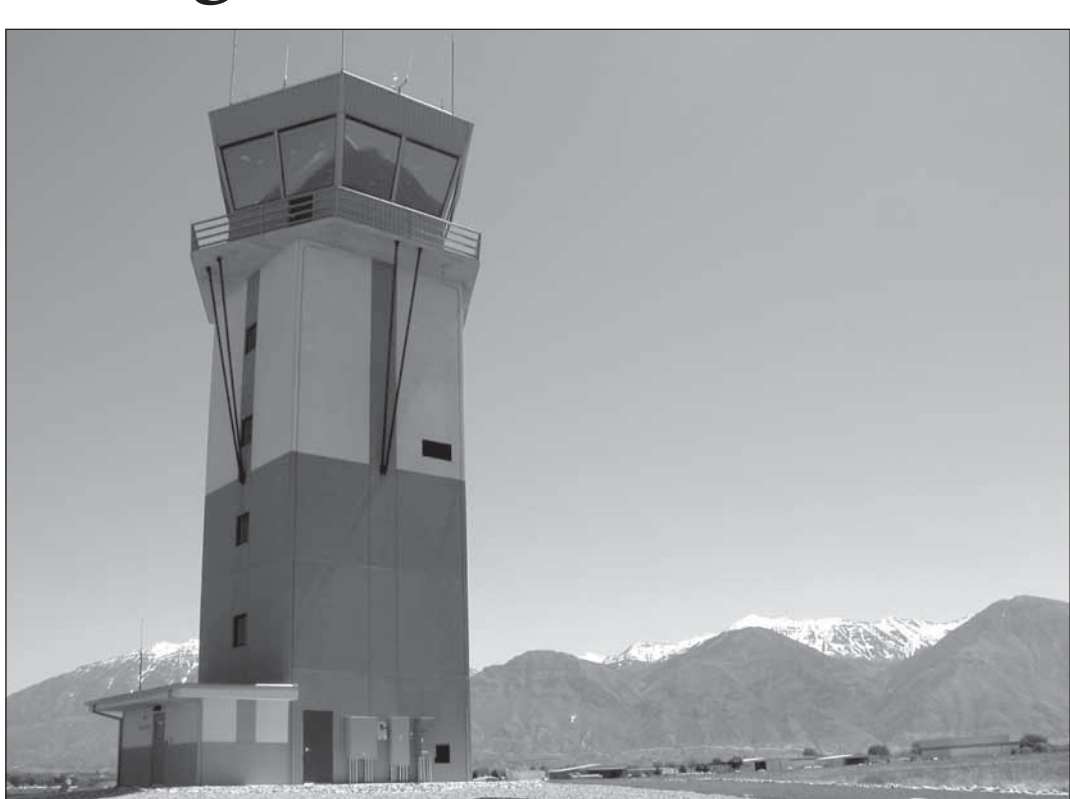
Symptoms include nausea, headaches, and muscle pain. There is no cure for this disease.

Source: *sciencemag.org*

Compiled by
Kush Mangal & Michael Whiston

How Things Work: Air Traffic Control

Sarah Mogin



Air traffic control allows pilots to relay information about weather, speed, altitude, and destination.

and others taxiing to and from runways. He radios the pilot to tell him when to leave the gate and which runway to use.

The local controller, on the other hand, directs planes so that they take off at safe distances from one another.

After giving the pilot clearance to take off, the local controller electronically transfers the flight progress strip to a terminal radar approach control (TRACON) station, and the flight is no longer in the airport's control. TRACON stations, each covering an airspace about 50 miles in diameter, monitor planes flying to and from one or more nearby airports.

Following takeoff, the pilot turns on the plane's transponder, a device that detects incoming radio signals and sends out its own radio signals in reply. The transponder finds a radio signal from a TRACON station on the ground, and the pilot sends a transmission to the station containing the flight number, speed, altitude, and destination. A TRACON departure controller receives the signal and gives the pilot information regarding weather and traffic.

Once the plane flies past the TRACON airspace, the departure controller transfers the information to controllers at an air route traffic control center (ARTCC). Airspace in the United States consists of 21 zones, each of which has its own ARTCC.

A team of ARTCC controllers keeps track of the plane as it flies through the zone. If the aircraft travels into another zone, the controllers pass the flight's information to a different ARTCC.

At this point, once the plane is en route to its destination, changes to the flight plan might be made for several reasons, including bad weather and congestion. If a destination airport is especially crowded, an ARTCC controller instructs the aircraft to travel in a holding pattern, circling the airport until space opens up.

Aircraft approach their destination airport in single file, and each flight's information moves to a TRACON approach controller as it crosses into TRACON airspace. The pilot maneuvers the plane in line with the runway, and the TRACON controller transfers the information to a local controller at the airport when the plane is within 10 miles of the runway.

The local controller on the ground clears the pilot for landing and assigns the pilot a taxiway to exit the runway. A ground controller then monitors the plane as it travels from the run-

way to the gate.

The air traffic control system relies heavily on radar, which allows control stations to view aircraft in 3-D. Radar relies on two mechanisms of detection, echo and Doppler shift, both of which are easy to understand in the context of sound.

In sound, an echo is a reflection of sound wave, such as when it bounces off a wall. The time it takes an echo to return to its source is the distance traveled divided by the speed of sound.

As for Doppler shift, one can consider a car horn as an example.

If you are standing 100 feet from a resting car that honks its horn for one minute, you will hear the honk of the horn for one minute from where you are standing.

However, if the car is driving towards you, the honk of the horn will sound higher pitched, and you will hear it for less than a full minute.

This effect, known as a Doppler shift, has to do with the fact that sound travels in waves. As the car approaches, the sound wave of its horn is compressed, meaning that it has a higher frequency, which results in a higher-pitched honk that lasts a shorter amount of time. Similarly, a car driving away produces a lower-sounding honk that lasts slightly over one minute.

Radar monitors radio waves using echoes and Doppler shifts. If a person were to direct a wave at a moving object, that person could record its echo to determine the object's distance. In particular, the distance is determined by the time it takes for the echo to return to the person.

The speed of the moving object, on the other hand, can be calculated by measuring the Doppler shift (the faster the object is approaching, the higher the shift).



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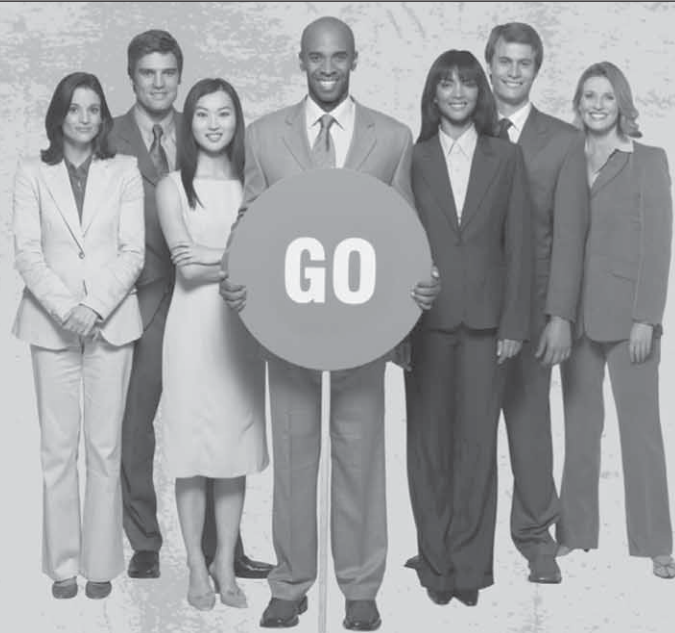
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New technologies may change future of fuel

GAS, from A6

The paper also describes the economic history of natural gas. According to this paper, consumption of natural gas spiked in the late 1990s due to its cheaper cost and environmentally friendly combustions.

As a result, the government invested heavily in natural gas power plants, hoping that these plants would help fulfill the increased demand for energy in the United States during that time.

High demand for natural gas first led to rising prices; in the early 2000s, it resulted in a lack of adequate supply for these power plants.

Currently, many of these plants are running empty and represent a loss of public money.

In response, Griffin said, “We must be more cautious when making decisions that have a significant effect on the future.”

The study argues that investment in any kind of energy facility must only be considered after all of the facts about the different fuels are known and implications of using coal or LNG are understood.

In a recent Carnegie Mellon press release, Matthews stated, “Making this investment ultimately locks us into certain technologies that make it harder

for us to change paths in an increasingly carbon-constrained world.”

Griffin said, “The future is an ever-evolving concept. Advancement of technologies may bring about changes that may be almost impossible to predict.”

According to Griffin, one technological possibility is the use of carbon capture and sequestration (CCS).

CCS involves the storage of CO2 underground, thus reducing carbon emissions and curbing environmental damage.

Griffin said that this technology is “a definite, viable option” for the future.

The paper also suggests that, “advanced technologies are important and should be taken into account when examining the possibility of doing major investments in liquefied natural gas (LNG) infrastructure.”

If CCS were to be implemented, for instance, the use of coal as a fuel may actually be less detrimental than natural gas.

According to Griffin, a large-scale outlay on power plants, based on generation of electricity from natural gas, would be a rash decision.

Griffin said “I would request people to slow down and get their breath” before reaching any conclusions.



J.W. Ramp/Photo Editor

Above: Michael Griffin helped analyze the amount of greenhouse gases emitted from various fuels. **Below:** Griffin stands in front of a map showing the natural gas distribution in the United States. According to the Energy Information Administration, the United States had over 200,000 billion cubic feet of dry natural gas reserves in the United States in 2005, and 63,573,466 residents consumed natural gas.



J.W. Ramp/Photo Editor

Sensor detects nitric oxide levels in breath of patients

ASTHMA, from A6

tive for nitric oxide gas in conditions simulating human breath,” Star stated.

Brett Allen, the primary researcher for this project, worked on the detection of NO levels with nanotubes in the presence of other pertinent gases, such as CO2 and O2 during exhalation.

Allen stated in an e-mail, “CO2, in particular, is an interfering component in the detection of NO. By implementing a scrubber, I was able to quantitatively remove an amount of CO2 while allowing for the detection of NO.”

Jigme Sethi, a professor in the Division of Pulmonary, Allergy and Critical Care Medicine at the University of Pittsburgh Medical Center’s Montefiore University Hospital, plans to clinically test Star’s sensor.

In a University of Pittsburgh press release, Sethi stated, “High-levels — perhaps two-thirds over normal — [of nitric oxide] may precede an attack by one to three weeks, but possibly earlier depending on the asthma’s severity.”

Although the hand-held asthma sensor works similarly to current NO detection devices, the use of nanotechnology al-

lows Star to make this sensor a hand-held device. A hand-held device will “enable asthmatic patients to perform nitric oxide measurements at home,” Star stated.

Sethi stated that measuring NO in asthma patients requires expensive machines that can only be found in outpatient clinics. According to Allen, a hand-held NO detector is reusable, portable, and has an inexpensive design.

Allen would like to see this device grow to be as popular as the glucose sensors for diabetes. Star stated that he would like to have every pharmacy carry it on their shelves. The ultimate goal is that “people can get relief from this terrible disease,” Allen stated.

As of right now, Star has only tested his idea using simulated human breath. In theory, he has proven that carbon nanotube sensors can be used to detect nitric oxide for asthma treatment.

Star stated that “further sensor development is required to take this invention to market and such devices would require approval from Food and Drug Administration before becoming commercially available.”

Spherical nanogels tested in laboratory with encapsulated anti-cancer drugs

NANOSEL, from A6

The size of our nanogels — about 200 nanometers in diameter — is the perfect size because it will not be filtered through the liver or kidneys, nor will it be engulfed. It won’t be easily removed,” Siegwart said.

Brian Belardi, a senior chemistry major conducting research in the lab, stated, “Nanogels are ideal for drug delivery, because they are able to traverse the cellular membrane via endocytosis or, if they are sufficiently small, through pores in the membrane.”

Endocytosis is a method cells use to absorb material from the outside through their cell membrane.

“In addition, because of the nature of ATRP, the various cross-linked polymeric chains are end-functionalized, allowing chemical modification to take place. We are able to modify the nanogels so that any ligand of a cellular receptor can be attached, which targets the nanogels to specific cells and facilitates their endocytosis,” Belardi said.

A ligand is a molecule that can recognize a cellular receptor and attach to it, making the nanogels cell-specific.

The nanogels were developed using inverse miniemulsion ATRP, a process developed by former postdoctoral associate Jung Kwon Oh in the Matyjaszewski lab.

While regular ATRP involves a wa-

ter-oil emulsion in which the majority phase is water and the minority phase is a hydrophobic substance, inverse miniemulsion is just the opposite. The majority phase is hydrophobic, and the minority phase is water.

The two phases are then mixed using sonification, which creates water droplets dispersed in the oil phase.

The components needed to synthesize polymers — the monomer, initiator and catalyst — are in the water droplets. The emulsion is stabilized by a soap surfactant that allows the water droplets to remain immersed in the oil.

Siegwart said, “While regular emulsion, in which the majority phase is water and the minority phase is hydro-

phobic, is cheaper and environmentally friendly, it is not so applicable to biological systems.

“With inverse miniemulsion, a polymer chemist can make water-soluble materials, which are much more applicable to biological applications.”

The ability of the nanogels to enter a cell and allow the release of the encapsulated drug was demonstrated using doxorubicin, an anti-cancer drug. According to a Carnegie Mellon press release, researchers encapsulated doxorubicin in the nanogels, and mixed them with HeLa cancer cells.

Before gel degradation, the cancer cells were healthy and proliferating. After release of the cancer drug, however,

cancer cell growth became significantly inhibited.

The Matyjaszewski lab hopes to make these nanogels applicable to other materials besides carbohydrates.

“We want to address another difficult problem in medicinal biology, the cellular delivery of antigene agents,” said Belardi. Scientists are working on the delivery of agents that suppress gene expression.

“Specifically, I am looking at the delivery of small interference RNA, siRNA, molecules which suppress the expression of a target gene in the cell.”

This research was funded by the National Science Foundation and the National Institutes of Health.



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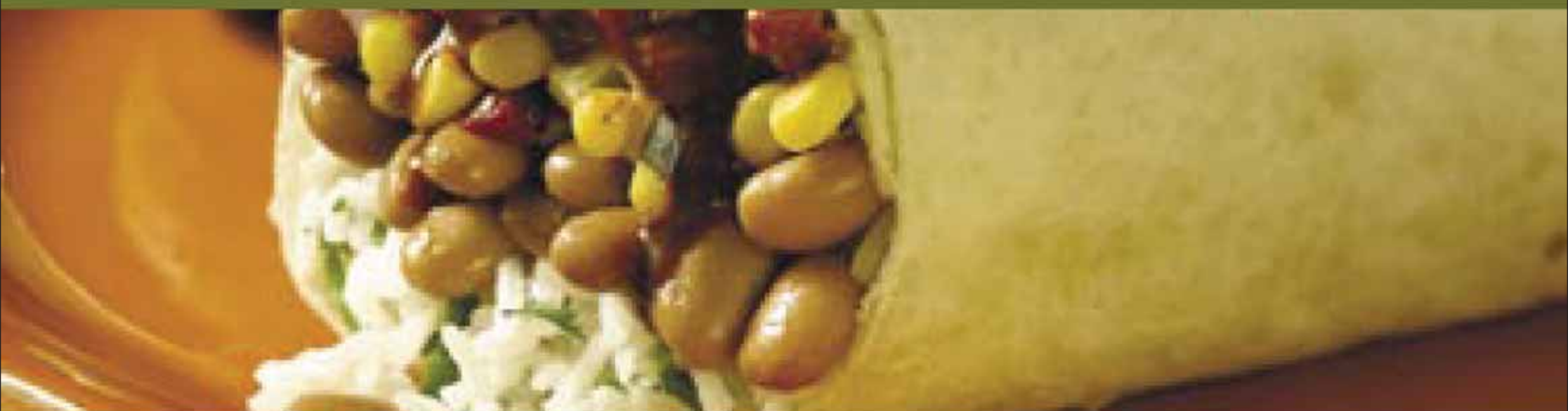
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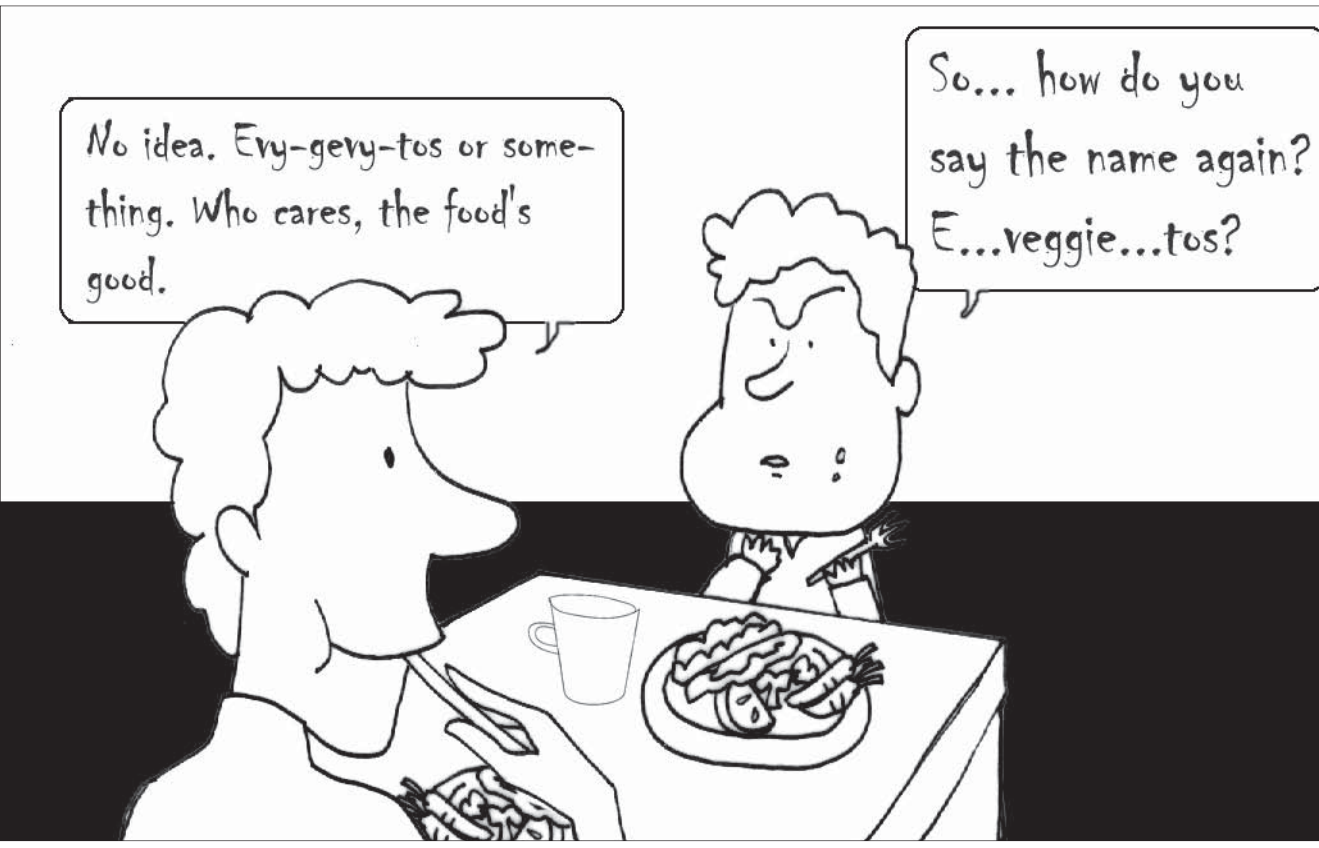
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FromTheEditorialBoard



Jane Park/Art Staff

Evgefstos! dishes out delicious veggie eats

Over the past couple of years, the restaurants on campus have had a turnover rate roughly equal to the doctors on *ER*. Good eats like Si Señor and Sushi Two have moved from location to location, while old favorites like The Original Hot Dog Shop disappeared from campus altogether. While frequent changes in Carnegie Mellon's on-campus dining facilities may leave some students missing the greasy goodness of the 'O' or wandering around campus in search of California rolls, the many changes made by Housing and Dining Services in the recent past indicate that Carnegie Mellon is making a real effort to listen to its students.

Vegan and vegetarian dining options had been sparse in the past. Before this year, the average campus eatery fea-

tured only a couple of vegan and vegetarian options — options that were almost all some variation on "grilled" vegetables on bread. This year, Housing and Dining Services has finally introduced a new on-campus restaurant called Evgefstos! that has a full menu of both vegan and vegetarian options that break out of the boring veggies-on-bread standard.

Evgefstos!, which is located in the University Center Marketplace (on the second floor), features dishes inspired by traditional Mediterranean cuisine. With a menu that includes fresh spinach dip, four-cheese macaroni, and delicious pizzas, Evgefstos! has quickly become a favorite of herbivores and omnivores alike.

The benefits of the addition of an

all-vegan and vegetarian restaurant on campus are obvious: The significant veg-head portion of the Carnegie Mellon student population can now enjoy campus dining as much as meat-eaters. What's even more impressive is that the dishes are so varied and imaginative so as to attract even those students who would normally scoff at the idea of vegetarian food.

Housing and Dining Services has been working very hard to accommodate student needs in campus dining, and they deserve a soy sundae for not only acknowledging the long-neglected needs of vegans and vegetarians, but creating a high-quality menu that elevates the standard of food on campus. Now, if we could only pronounce the name of the restaurant.

Lights on!

The colored lights adorning the Cut during Orientation beautify campus

If you were on campus at night during the past couple of weeks, then you probably noticed how pleasant it was to take an evening stroll past the University Center and Purnell.

Alternating columns of red, blue, green, and yellow light illuminated the pillars along those buildings after dark. The result — the university made it known to the entire community that we were Tartan plaid and proud.

If you're new to this campus, then you might have been disappointed to see that the lights were taken down, turning what was a festive, school spir-

ited version of the Cut into a dark and unwelcoming lawn zigzagged by a few poorly-lit sidewalks — aside from a few spotlights illuminating "Walking to the Sky," of course. We say keep the campus pretty. Leave the lights on.

You won't have to miss those lights for much longer. The university typically erects the lights around Homecoming time, in a clear effort to beautify the campus for the hordes of alumni who flock to the university. Afterward, the lights are taken down again and we're left in the dark.

Making campus more attractive at

night may be at the bottom of your list of worries, with the stress of classes, homework, and friends. But you might be more apt to head to the library to pull off that all-nighter if you had something pretty to look at.

The university has done a commendable job of making the campus a great environment during the day. Many students seek refuge from the sun under large shady trees, or relax in the peace garden, or even take a stroll through the Kraus Campo. Let's keep that feeling going around the clock by keeping the lights on.

Luis von Ahn named one of top young innovators

Seven years after graduating at the top of his class from Duke University, and only two after obtaining his Ph.D. in computer science from Carnegie Mellon, our own professor Luis von Ahn has yet another honor to add to an already burgeoning résumé.

In August, *Technology Review* selected von Ahn from a group of 300 nominees as one of their top 35 Young Innovators Under 35. For von Ahn, this honor comes after years of pathbreaking papers, successful research projects, and keynote speeches, not to mention a spot on *Popular Science* magazine's list of the 10 brilliant scientists of 2006 and a \$500,000 "genius grant" from the MacArthur Foundation — all in only

two short years.

Von Ahn, whose research specialty is the computational abilities of humans, has been a pioneer with CAPTCHAs, which is an acronym for Completely Automated Public Turing test to tell Computers and Humans Apart. *Technology Review's* editors recognized von Ahn for his innovative work on reCAPTCHAs, a project which centers on making CAPTCHAs out of chunks of actual printed texts that are indistinguishable to computers.

The Tartan would like to offer Professor von Ahn a hearty congratulations on his most recent achievement and thank him for everything he has done for the betterment of Carnegie Mellon and the

field of human computation.

It is a testament to the hard work done at Carnegie Mellon that at the same time we are congratulating Professor von Ahn, professor Maria Kurnikova's Mellon College of Science research group is making incredible strides in understanding Alzheimer's disease and professor Tiziana Di Matteo is busy unraveling the history of the universe over in the physics department.

So, while we sing the praises of our brightest young star, The Tartan wants to congratulate all university researchers, without whom this institution would not be the center for collaboration and interdisciplinary thought that it is.

Success comes to those who dare to get uncomfortable



Marshall Roy

Dear Newbies,

The year's just begun, so the whole *advice from a senior!* thing feels a little early, I concede. We don't traditionally dish out our sincerest advice, our shiniest gems of wisdom, our all-time super-duper, double-secret acuminous nuggets, til, like, April or May.

But one of the neatest things about being a senior is that you care less than ever about the way things are usually done. And you just sort of *do* them. That's what this column is about.

The zany, colorful flux of Orientation is over. First- and second-week jitters are probably subsiding. You've got more new digits than you knew your phone could hold. You're assembling a crew. You've finally nailed the traffic light pattern at the corner of Forbes and Morewood. This is very good.

All in all, I bet you're beginning to feel a whole lot more *comfortable* here. That might not be so good.

Comfort is your enemy. My advice? Get comfortable with discomfort. I started thinking about all this back at the beginning of summer, when I had a very enlightening conversation with my little brother, Dave.

Dave is probably my best buddy. He's one of those dudes who can handle *anything*, some freaky amalgam of Cary Grant and Han Solo. He's about to start his sophomore year at Drexel, and this summer he snagged a sweet internship with a production company in Philadelphia called Shooters. He got the job by calling up an executive producer out of the blue and asking for an interview.

I figured he'd done all this in his characteristically fearless way, so I was surprised when he told me that it was the most nerve-racking thing he'd ever done. But then he outlined the idea that inspired this column, that your comfort zone is a very dangerous place — a prison. So when fear of the unknown comes knocking, answer it. It'll lead you to places more exciting than you can anticipate. You'll never regret it.

You don't have to start huge. Smile at someone pretty. Ask your professor an "out there" question in front of everyone. Wear something fierce. (For chutzpah, I love the Talmudic image of an angel coaxing every individual blade of grass skyward; imagining Mary Jane

Watson over your shoulder purring "Go get 'em, tiger" works very well, too.)

No, it's not going to go well automatically or every time. That pretty person might look at you like you're an effing psycho. Your professor might insinuate that your question wasn't relevant or worthwhile. If "fierce" to you is a tube sock and tinfoil hat, you'll have lots of uncomfortable 'splainin' to do, and maybe some special new pills to take.

But at least you'll have gone out with a bang instead of a whimper.

And after that, what have you really got to be afraid of? Failure is damned freeing; it frees you to be daring every day of your life, and it won't be long till you're taking the risks that, combined with a little legwork, equal success.

There's another really good reason to bust out of your comfort zone, and it's best illustrated anecdotally:

At the end of July, in the middle of the night, Dave was driving a friend home from a party. Shortly after stopping at a convenience store for hot chocolate, they were hit head-on by a drunk driver on a dark back road. Both cars were totaled. It was only a mile from our house, so my parents and I were there within minutes.

My point is, sooner or later, like it or not, life will *force* you out of your comfort zone. It will be frightening and you won't deserve it. But if you've made "Daring" your middle name, if you've refused to be, as Teddy Roosevelt said, among the cold and timid souls who know neither victory nor defeat, then you'll find, as Dave did, that you unknowingly picked up awesome reserves of courage and grace along the way.

Seriously now, is there a more ultimate state of discomfort than being battered, concussed, and covered in broken glass and hot chocolate?

To sum up: Frodo and Sam would have been a helluva lot more comfortable if they'd stayed put in the shire. King Leonidas and his 299 bros would have been a lot more comfortable if they'd hung around Sparta pumping iron and throwing stuff into their random bottomless pits. And after having his clock rattled by a ferocious Wampa, I bet Luke Skywalker would have much rather taken in a double sunset on Tatooine than get cozy with a Tauntaun's entrails.

But these weren't guys who were afraid of a little discomfort. Not when there was a job to do.

Marshall Roy (mroy@) was Forum editor of The Tartan in 2006. He welcomes responses, and his brother is totally OK.

SPEAK OUT

forum@thetartan.org

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Cosmo vs. Esquire: Why do women’s magazines lack intellectualism?



Kristen Lukiewski

I’ve always been a big fan of magazines — they’re cheap, portable one-stop-content-shops that suit most any kind of mood that strikes my fancy in the super-market check-out line. I’m such a big fan of magazines that, despite their expendability, I hoard stacks of them in my room (blame a natural inclination to be a pack rat and a healthy dose of a weird guilt). I read a few different kinds of magazines, usually news (*Newsweek* or *Time*), design (*Print* or *HOW*), or women’s lifestyle (*Cosmopolitan* or *Glamour* or *Marie Claire* or *Allure*, to name a few).

Then this summer happened. It was a hot day in June and I was waiting far too long for a tomato and mozzarella panini, trying to pick a back issue of a magazine from the window-sill to pass time, and debating which one would most impress the hot guy who might walk in

and start up a conversation with me because of what I’m reading (hey, it could happen). I skipped over the old *Cosmos* and *Marie Claires*, ashamed that I’d even entertain the idea of reading that smut while trying to appear intellectual (the hot guy who might walk in would also be very, very smart... obviously). An issue of *Esquire* caught my eye, but I felt that might give off the wrong impression. I settled for an issue of *Black and White Magazine* (“for collectors of fine photography”) that entertained me for approximately 52 seconds. I glanced back at George Clooney, chillin’ on *Esquire’s* cover. I was jealous of the *Esquire* cover. I wanted to look at it, touch it. I wanted to have made it, really, but I also wanted to see what other sweet designs were on the inside.

I caved — neither my panini nor a hot guy was in sight, and *Esquire’s* typography was too much to resist. This, readers, was the beginning of a new endeavor in my life. I was hooked after the table of contents. Such nice

design! Clean! Easy to read! Graphic! And the blurbs! Witty! I was excited. I read every word on every page that wasn’t an ad. In one sitting. I was sure I’d miss something crucial if I skipped a page. I loved everything. I hadn’t known what I was missing in my oft-read women’s lifestyle magazines (this list is short): everything. *Esquire’s* content was varied, intelligent, humorous, and their features contained some serious journalism. And, they still have sex! Damn! Why do men get this kind of magazine?

At home, I glanced at my collection of random *Cosmopolitans*-et-al. Every issue in front of me screamed SEX in such big type, the name of the magazine might as well be *Cosmo: SEX*. It was sad. It is sad. Half of the sex content isn’t even for women — it’s all about “pleasing your man.” I went to the bookstore in an attempt to find the female equivalent of *Esquire*; I left with current issues of *Esquire*. And *GQ*. And *Details*. And they all rocked my magazine world.

I did some digging, and

found that both *Esquire* and *Cosmopolitan* consider themselves ultimate guides to men’s and women’s lives, respectively. That’s fine and all, that’s the content they’re covering, but apparently women’s lives are a lot more, ahem, superficial. A look at their media kits illustrates just what is perceived by the magazine industry as pertinent to men’s and women’s lives.

Check it: *Esquire* claims to offer “intelligent services, stories with substance, [and the] ability to entertain and inspire,” to “survey the landscape to unearth the smart edge of culture: the people, places, things, and trends that intelligent, sophisticated men want, need, and ought to know,” and to focus on the “well-educated, urbane, affluent” man. *Cosmo*, on the other hand, believes they “inspire with information on relationships and romance, the best in fashion and beauty, the latest on women’s health and well-being, as well as what is happening in pop culture and entertainment.” Teehee! brb I totes have to go fix my mascara

before I finish this...

Esquire’s second largest portion of editorial content is national, international, and business affairs. Sophisticated! *Cosmo’s* is fashion. *Esquire’s* editorial calendar is varied; this year’s issues cover Meaning of Life, Dubious Achievements, Style Issue, All About Women, The Better Man, Most Useful Issue, What It Feels Like, Fall Style, Esquire 100, Sexiest Woman Alive, and Best and Brightest. *Cosmo’s* is a bit more of a broken record: Bedside Astrologer, Fun Fearless Male Awards, Spring Fashion Shopping, Fun Fearless Couples, Healthy Skin/Swimsuit, Summer Sexy, Beach Beauty, Hot Issue, Fun Fearless Phenoms/Fun Fearless Fashion, Cosmo Beauty Awards, Cosmo Men, and Hot Holiday Looks.

It’s demeaning that these are the topics *Cosmo* thinks encompasses “every area of [fun fearless females’] lifestyle.” Every area? What about social awareness? Professional life? Arts and culture? Entertainment that isn’t biographical inter-

views with the hottest actor ever OMG? Women in the 18–50 age bracket have many more things to be concerned about than the newest makeup (note: If your wrinkles didn’t go away after the May issue, they’re not going to go away after the November issue). There *are* independent women who don’t need issue after issue of every women’s lifestyle magazine to dictate to them the best ways to please and keep a penis. At the least, women deserve a magazine that sets the same standards as some of the best men’s magazines.

Maybe I’m having a gender identity crisis, or maybe Condé Nast, or Hearst, or ANYONE should get on this left-out demographic of well-educated, cultured, sophisticated women. Pronto.

Kristen Lukiewski (klukiews@) is a senior BHA student. She welcomes all responses, but asks that you keep in mind that had she heard about BUTT magazine sooner, this article would be significantly different.

Screwing the intern: Students have to pay big money for summer credit



Sarah Mogin

It’s easy to complain about Carnegie Mellon. Maybe you wish for reduced tuition, cheaper parking, or even just free printing (after all, printing used to be free.) The problem is, all of these things cost money. My request, however, does not: I would like units. Nine, to be exact.

I had an unpaid internship last summer. About a month in advance, I started looking into the possibility of obtaining credit from Carnegie Mellon — you know, for all the blood, sweat, and tears (and paper cuts) requisite of any internship, particularly those of the completely unpaid variety.

I discovered one horrible, illogical rule: In order to receive credit for an internship, a student has to be enrolled in Carnegie Mellon during the semester of the internship.

In other words, you have to pay tuition. This is the policy for all of the colleges at Carnegie Mellon.

Under certain circumstances, this might not have been so bad. If my internship had been in Pittsburgh, I might have planned to take classes anyway. Or, if I had a money tree in my backyard, coins and bills might have fallen freely, like acorns and leaves.

Unfortunately, neither was the case. My internship was in Richmond, Va., and I found the prospect of a six-hour commute somewhat intimidating. And as for the money tree, it was already in critical condition after two years of paying Carnegie Mellon’s regular tuition. Double drat.

From here, the policy can go one of two ways: If your employer doesn’t care whether or not you get credit, you stop; if he or she does, you have a few options.

First, you can write a letter while tip-toeing on egg shells, making sure to include words like “eligible” and “qualified” with respect to your ability to receive



Jennifer Kennedy/Art Staff

credit. The letter will be true, since you *are* eligible/qualified for credit — you just have to pay. Hopefully, this should trick your boss-to-be into thinking you’ll be getting credit, even though you actually won’t.

Now, certain employers are picky about receiving proof of credit. In this case, you can arrange to get one unit of credit in the fall semester. Most people outside of the Carnegie Mellon stratosphere assume one unit to be fair compensation; they don’t realize it’s worth next to nothing

due to our inflated system of credits.

Last, if your employer insists that you receive credit for your internship *over the summer*, the only course of action is to register (i.e. pay) for one unit of summer classes.

You can calculate the cost by dividing the current tuition for one semester by 36. Using last year’s tuition, that’s about \$477. If I wanted to pay for nine units of credit — what I would get easily from an internship during the fall or spring — the bill would come

to nine times that amount: about \$4300.

As for me, my employer didn’t mind that I wasn’t getting credit, so I dropped it. I was busy wrapping up my spring semester; and besides, I didn’t want to piss off my boss-to-be by asking him to send some carefully worded emails to the Carnegie Mellon powers that be.

It almost makes the university look like an insurance company — keep adding hoops for students to jump through, and eventually everybody stops jumping.

But please, don’t think I’m incapable of looking on the bright side. Summer internships — paid or unpaid, credited or not — are invaluable.

Sure, there’s grunt work. I did my time at a *City Paper*-esque publication where I worked in the editorial department. I filed, I phone-called, I e-mailed. I addressed, I stamped, and I licked (envelopes). Once, I even got coffee.

That being said, I learned a lot, too. I wrote several articles and countless blurbs about everything

from *The Simpsons* to something called Monkey-Picked Tea. I had numerous conversations with my boss and other higher-ups about the intricacies of journalism (ethics, serial commas), and confirmed my suspicion that I wouldn’t mind working in a place like that for real (i.e., for cash money). I also added a line to my résumé and have a couple guaranteed letters of recommendation under my belt.

All of that is to be expected from a good summer internship, and I’m not complaining. Money would have been a bonus — but I think I was paid well enough via the aforementioned.

So, why even bother asking about the units? Because it would be so easy, so painless, on the part of the university. I don’t want a new dining facility, or even for Carnegie Mellon to fill in the hole where the Gates building hopefully/maybe/possibly will one day appear. I just want units.

I’ll even pay for them, as long as the price is fair. What should it cost — for one person to add a “9” to the number of units on my transcript? A “thank you”? A pat on the back? A cookie? Put it on my tab.

The point is, Carnegie Mellon doesn’t exactly have the best reputation for compassion toward undergraduates. Everyone has their complaints, some of which are easier to solve than others. Some students wish that the buses would come on time, that electricity and magnetism made more sense, or even that we weren’t in Pittsburgh.

But when a really simple suggestion comes along — one that doesn’t even require money — the university might as well fix it. Students are always going to complain, why not make at least one of them happy?

Sarah Mogin (smogin@) wishes she could get units for all of her activities, including acting ridiculous, frolicking on the roof of Webster, and editing Pillbox for The Tartan.

With the unusual number of sunny days, we’ve noticed an unusually large number of people on the Cut. So we asked,

What class have you already skipped?



Jenae Pennie
First-year
CIT

“Probably Intro. to ECE.”



Nicholas Sainz
First-year
Computer science

“Probably Computing at Carnegie Mellon.”



Ruchi Desai
Junior
Chem E

“I haven’t skipped a class yet, but I’d probably skip physics lab.”



Pauline Hsieh
Sophomore
Computer science

“Statistics. It was this morning, actually.”



Stefan Gutstadt
Sophomore
Business and French

“Opti.”

A PERSON’S OPINION

Compiled by Elaine Lee

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Football continues its winning streak from 2006



Zhiquan Yeo/ Photo Staff



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Top: Senior Travis Sivek (#35) braces for a tackle. **Left:** Sophomore David Babcock (#28) scrambles away from a Grove City player. **Middle:** Senior Jameson O'Donnell (#58) protects senior running back Colby Whitman (#2). **Right:** Senior Matt Adams (#27) punts the football.

FOOTBALL, from A16

prepared for us.”

Against Rochester last week, the Tartans trailed 3–0 before a two-yard touchdown run from Sivek made it 7–3. The Tartans took a 20–3 lead into halftime and went on to win 33–10.

The Tartans collected 445 rushing yards, with senior running back Robert Gimson leading the way with 185 yards and a touchdown.

Sivek added 136 and two touchdowns and senior running back Colby Whitman had 72

yards and two touchdowns. Senior safety Cody Vild had two interceptions on defense and senior safety Jon Scholl led the team with 14 tackles.

“Everybody played strong, the offense had an amazing game,” Bodnar said. “It didn’t even feel like the offense was moving the ball but they kept scoring. Defensively, we had a good game plan, came out strong. I was pleasantly surprised by the way we played against them.”

“Everybody’s going to circle the Carnegie Mellon game,” Lackner said. “We were a good football team last year. Maybe by the

eighth or ninth game people were suspecting we were a pretty good team. Now going into this season everybody knew it. They’re going to have a bull’s eye on us and we know that.”

“We all know we’ve got teams coming out now, they’re definitely gunning for us a little more,” Bodnar said. “It’s week to week, do your job, don’t really look down toward the playoffs, you’ve got a game to play right now and try to prepare for that game and get it finished.”

The Tartans look to add another win this Saturday with a road game against Hobart College at 1 p.m.

Women’s soccer defeats Guilford and Otterbein

WOMEN’S, from A16

by Rose in the 68th and 83rd minutes.

The Hopkins tournament set the Tartans up for last weekend’s matches against Kenyon and Otterbein colleges.

They took on Kenyon Saturday, and although Carnegie Mellon took a total of 16 shots in comparison to Kenyon’s seven, Kenyon got its three shots on frame in the back of the net, resulting in three goals.

The first goal of the game was scored in the 18th minute by Kenyon defender Brooke Rockwern off of a corner kick. It was not until the 68th minute that the second goal was scored, when forward Rachel Goheen received the ball in the center and chipped the ball over goalie Adams’s head. At the 77-minute mark, Kenyon midfielder Beth Blackey headed the ball into the back of the net, finalizing the score at 3–0.

After the loss to Kenyon, the Tartans took on Otterbein on Sunday with a revitalized spirit. Stever set the tone when she

scored the game’s first goal in the fourth minute by heading a corner kick from Rose into the back netting.

Coffin followed a minute later scoring with an assist from Stever. Rose tallied the third goal of the match, rifling a shot from outside the box past Otterbein goalkeeper Tara Carter.

The Tartans were unable to sustain the shut-out when Otterbein forward Chanel Smith slid a ball past Adams in the 80th minute. The final score of the game was 4–1.

“I am excited to be working with the program,” Warren said. “I love the personalities of the team and am very impressed by the talent and dedication as a whole. This was a good eye-opener. It showed us that we can bounce back from great competition. Hopefully, it’s a turning point in the season and that we can continue to develop and succeed.”

The Tartans come to Gesling Stadium for the 2007 home opener Friday when they face the College of Wooster at 7:30 p.m.

Tennis team takes a crack at top-level competition



Mingwei Tay/Photo Staff

Senior Amy Staloch returns the ball during her match on Saturday.

TENNIS, from A16

Kelly Nakamura demolished her opponent 6–1, 6–0 before losing to Pitt player Anna Broverman (2–6, 1–6).

In doubles, Staloch and Chiu teamed for an 8–6 victory over the Pitt pairing of Visram and Kristy Borza. Liebowitz and

senior Samantha Schultz beat their opponents 8–2.

Duquesne player Poole enjoyed the tournament. “I’m happy with the amount of spectators. It’s more fun when you’ve got people watching. Since the courts are central on campus, you just get people walking by,” she said.

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Dr. Kenneth Crews
**Copyright Law and
Your Academic Work**

September 17
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Copyright law has important and immediate consequences for all research and teaching at the university. Copyright law gives instant and automatic protection to the new works we create, and to the materials we find on the Internet, in the library, and through digital databases. The law grants rights, but the law also allows "fair use" of protected works. This session will explore issues of direct importance to academic work, and creative options that can better serve your needs.

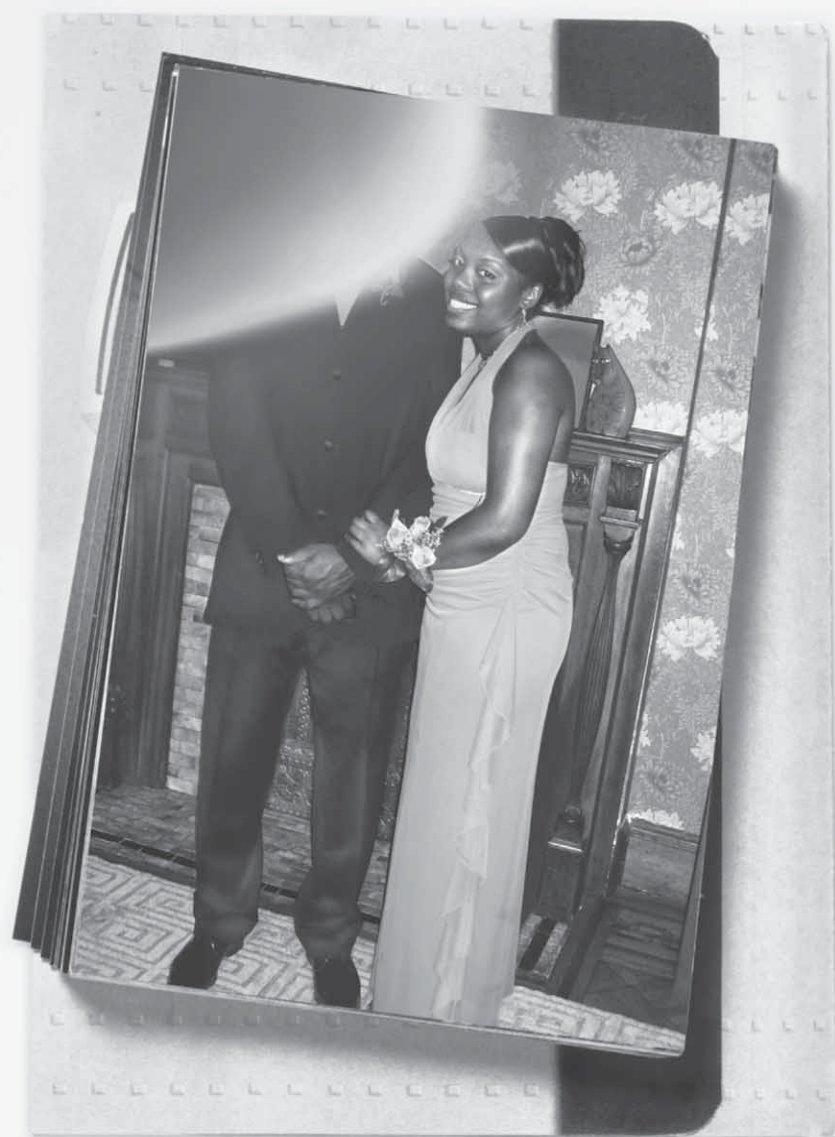
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BIO

Recently appointed Director of Columbia University's new Copyright Advisory Office, effective January 2008, Dr. Crews has a distinguished career in copyright and fair use issues. As Director of the Copyright Advisory Office at Columbia, Crews will serve as resource and advisor on the application of copyright policies to teaching and learning, research, and scholarly communication within the university.

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Cross country teams take fourth in first meet



Hannah Rosen/Photo Staff



Hannah Rosen/Photo Staff

Left: Members of the men's team warm up before the Duquesne Duals. **Right:** Senior Ashley Bakelmun placed first for the Tartans and 20th overall.

by **Sam Kim**
Staffwriter

On Saturday, Sept. 1, Carnegie Mellon's cross country teams made their season debut at the Duquesne Duals in Schenley Park. Although only half the men's team ran in Saturday's race, they still finished fourth out of eight teams in the 8K race. Duquesne University won the men's overall title. The women's team also finished fourth out of seven teams, while the University of Pittsburgh came in first.

For the men's team, junior Mike Condon led the Tartans with a time of 27:48. Condon finished 24th overall. Behind Condon,

first-year Justin Kurp and sophomore Chris Rizzo placed 25th and 29th overall with times of 27:52 and 28:02, respectively.

"During the race, a couple upperclassmen [led] the pack of freshmen to help us ease into the new racing environment. Their guidance helped a lot," Kurp said.

Senior Dan Carmody finished 31st overall with a time of 28:06, while junior Raphael Bertrand took 35th place with a time of 28:14. First-years Jonathan Matusky and Erik Kallenbach also had strong races, finishing 42nd and 43rd overall with times of 28:39 and 29:40, respectively. Senior Doug Fricker finished 48th overall with a time of

28:55.48.

"My expectations are high for our team. A lot of guys from last year's nationally rank[ed] team are returning and we have a few talented incoming freshmen," Kurp said. "I think we'll definitely place high at nationals — we should be in the top 10, but top five is in our reach as well."

The men's team was recently ranked 14th in Division III by the U.S. Track and Field and Cross Country Coaches Association.

On the women's side, senior Ashley Bakelmun led the team and finished 20th overall with a time of 20:22. First-years Kristen Staab (20:44) and Rebecca Hachey (20:52) had strong first showings. They finished 27th and

29th overall, respectively.

Sophomore Anna Lenhart took 36th overall with a time of 21:08, while senior Erin Gagnon placed 42nd overall with a time of 21:22. Behind Gagnon, junior Chrissy Krutz finished 44th overall with a time of 21:33.

First-year Laura McKee (21:51) and junior Rachel Perry (23:27) placed 45th and 57th overall, respectively. First-year Amal El-Ghazaly took 60th with a time of 23:27.

On Saturday, the Carnegie Mellon cross country teams will return to action at the IUP Invitational in Indiana, Pa.

Editor's Note: Doug Fricker and Erin Gagnon are members of The Tartan's staff.

Women's volleyball ends weekend with two wins

by **Erin Gagnon**
Sports Editor

The women's volleyball team opened the 2007 season Friday, Aug. 31 with a win against the College of Wooster 3–1.

Since that first win, the Tartans struggled, losing their next six matches, before winning a pair of matches last Saturday, bringing their season record to 3–6.

The team's first win against Wooster came at the Ohio Northern Tournament in Ada, Ohio. Senior Abbie Toney, sophomore Jessica Brackin, and junior Chisom Amaechi each had double digit kills with 12, 11, and 10, respectively. Brackin led the team with eight blocks.

Sophomore setter Samantha Carter collected 25 assists and nine digs, while first-year Cameron Griffin and sophomore Cara Fatigati also had nine digs each.

Despite the strong start, the Tartans fell in their next three matches of the tournament, losing to Hope College 2–3, Ohio Northern University 2–3, and Mount St. Joseph 1–3.

The Tartans' match against host Ohio Northern was particularly close (30–23, 30–21, 33–35, 21–30, 15–7), as Carnegie Mellon forced the Polar Bears to a fifth game. Toney led the team again with 22 kills and one block. Amaechi, first-year Caroline Size, and Brackin each had eight kills. Carter added 33 assists to the Tartans' total.

On Wednesday, the team's bad luck continued as they fell to the St. Vincent College Bearcats in five games 2–3.

Despite the loss, sophomore Megan Killeen and Toney each recorded double digit kills, collecting 18 and 14 respectively. Carter again led the team with 50 assists, while Griffin led the team with 12 digs.

"We've taken a majority of the teams we've played to five games, which is evidence we

have skills to hang with everyone," Toney said.

Last weekend, the Tartans traveled to Wooster, Ohio to compete in the Wooster tournament. Carnegie Mellon got off to a rough start on Friday, losing to Mount Union College 1–3 and Muskingum College 1–3.

"On Friday we started a lineup where the oldest two people on the court were juniors, both who haven't had court time until this year," Toney said. "A young team harnesses a lot of nervousness which clouds the team's potential."

Carnegie Mellon regrouped Saturday to win its last two matches and finish the tournament 2–2. The two wins came against Westminster College (3–2) and Alma College (3–0).

Against Westminster, the Tartans tied the Titans at 1–1 and again at 2–2 to force a fifth game. Senior Kate Stepp (15), Amaechi (14), Size (14), Brackin (11), and Toney (10) all had double digit kills.

Carter had 67 assists, four service aces, three block assists, and 10 digs. Steep and Griffin also helped the Tartans defensively, collecting 14 digs apiece.

"Saturday we figured out a lot of kinks and were able to pull out two wins," Toney said. "We still aren't playing to our potential, but it's still early in the season."

The Tartans defeated Alma in three games (30–22, 30–24, and 30–17). Toney and Brackin each had nine kills, while Carter amassed 34 assists. Carter's performance during the tournament earned her a spot on the All-Tournament team.

The Tartans' volleyball home opener will take place Wednesday when they host Point Park University in Skibo Gym at 7 p.m.

"I expect to win [against Point Park], and hopefully [last] weekend will serve as a confidence booster for everyone and we can make it happen," Toney said.

Men's soccer wins at home

MEN'S, from A16

goalkeeper Matthew Bazin registered four saves in his first shutout of the season.

"We're a really young team," Hall said. "We have a lot of sophomore guys and a couple freshmen stepping up. We're going to count on a couple of key upperclassmen to really steer us in the right direction. You can look forward to some exciting play out of our youth and we

should expect to be extremely competitive in conference and out of conference as well."

"We had a great class come in last year, a lot of starters," Griffin said. "This team has a lot of chemistry, a great time on and off the field. We're all having fun, it's great."

The Carnegie Mellon men's soccer team will next be in action Saturday when they travel to take on Juniata College at 1 p.m.

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Important Dates

Monday, Sept. 10 — Flag football starts.

Tuesday, Sept. 11 — Volleyball and tennis start.

Thursday, Sept. 13 — Rosters due for bowling by 4:30 p.m. in the IM Office.

Monday, Sept. 17 — Co-rec badminton starts.

Thursday, Sept. 20 — Rosters due for chess and water polo by 4:30 p.m. in the IM Office.

Sports in Season

Flag Football — Schedules are available in the IM Office. Games start tonight. The intramural department will make all decisions regarding rainouts. Please stay off fields if the games are canceled. Please stay off the entire field if a varsity team is using any part of it for practice.

Volleyball — Matches start tomorrow at the UC gym. Schedules will be available by 2 p.m. today at the IM Office.

Tennis — Matches start tomorrow at the university courts. Schedules will be available at 2 p.m. today. Please only use tennis courts for tennis. Only approved athletic shoes are allowed on the tennis courts. Boots, sandals, and hard-soled shoes are not allowed.

Co-Rec Badminton — Games start Monday, Sept. 17 in Skibo Gym. Schedules will be available by noon Friday.

Upcoming Sports

Bowling — Bowling takes place at the Pittsburgh Athletic Association in Oakland on Sunday afternoons. There is a cost to this event because of outside facility use. Rosters are due Thursday at 4:30 p.m. There is a minimum of four players and maximum of eight per team.

Water Polo — Games are played Monday and Tuesday nights at 9 and 10 p.m. at the UC pool. Rosters are due Thursday, Sept. 20. There is a minimum of five players and a maximum of 10 per team.

Rosters can be submitted in person to the IM Office by 4:30 p.m. on the due date, or electronically through the athletics department website. All web entries are due 24 hours prior to the posted deadline.

Tartan football steamrolls Grove City and Rochester



Zhiquan Yeo/Senior Photo Staff

Sophomore Josh Kresge (#11) escapes a tackle during Saturday's game against Grove City College. Kresge's 15-yard interception return set up a Tartan touchdown.

by **Doug Fricker**
Senior Sports Staff

The Tartan football team improved to 2-0 on Saturday thanks to a 16-6 victory over the visiting Grove City Wolverines. The win comes a week after the Tartans traveled to the University of Rochester and ran over the Yellowjackets 33-10.

Carnegie Mellon trailed 6-2 against Grove City heading into halftime, only managing three first downs the entire first half. "We didn't play our best offensively in the first half," head coach Rich Lackner said.

"Defensively we felt strong," senior linebacker Jonathan Bodnar said. "We made one mistake and they had a big play." The Tartans finally found the end zone in the third quarter when senior fullback Travis Sivek scored on a 1-yard touchdown run. Their scoring drive was made possible by a crucial defensive pass interference penalty on a third and long pass attempt to junior tight end Derek Wisniewski that fell incomplete.

Junior kicker Colin Marks tacked on the extra point to give Carnegie Mellon a 9-6 lead. "In the second half I thought our kids showed some guts, they came off

the ball better and we certainly played better," Lackner said.

The score remained the same heading into the fourth quarter and the Tartans defense continued their strong play. Grove City's ground game did not have any success against Carnegie Mellon's front seven, led by junior linebacker Jim Sands with 13 tackles and senior defensive tackle Richard Hauffe with 3.5 sacks.

The Tartans secondary played well, especially sophomore safety Josh Kresge (two interceptions, one fumble recovery) who played a role in all three Grove City turnovers.

"Our defense got us a couple of turnovers and gave us some field position, I thought our punter [senior Matt Adams] did a great job of punting the football and giving us field position," Lackner said.

Midway through the fourth quarter, Carnegie Mellon got the ball back at their own 39-yard line. Junior running back Ryan Phillips came into the game replacing Sivek and reeled off a set of rushes, highlighted by a 35-yard scamper down the left side of the field to the Grove City 13-yard line.

"We have a great deal of confidence in Ryan Phillips. He's a

good football player," Lackner said.

Sophomore running back David Babcock capped off the drive with a 13-yard counter around the left side and into the end zone for his first career touchdown. Marks's kick made the score 16-6 in favor of the Tartans with 5:11 remaining in the game.

"It's always tough playing these guys," Bodnar said, who had 10 tackles and a forced fumble on the day. "I've been coming to these games since I was little and I remember playing these guys ever since then so they come

See FOOTBALL, page A13

Women's tennis hosts Division I schools at home invitational



Mingwei Tay/Photo Staff

First-year Jennifer Chui returns the ball during her singles match against Duquesne player Rachel McGowan Saturday morning.

by **Matthew E. Campbell**
Copy Manager

The Carnegie Mellon women's tennis team competed against players from Division I schools Robert Morris University, Duquesne University, and the University of Pittsburgh this weekend in the annual Carnegie Mellon Invitational.

According to head coach Andy Girard, the invitational gives the Carnegie Mellon women a chance to take a crack at the top-level competition that Pitt and Duquesne bring to the tournament before facing conference opponents in the regular season.

"I think we have the potential to be a top-10 program in the country. We're very young but the girls have a great attitude and

work very hard," Girard said. Indeed, the first-year players made an impressive debut, with Kelly Hart, Brooke Loar, and Ashley Herrick scoring victories.

In singles play, Tartan senior Amy Staloch took third. She edged Pitt player Sabrina Visram 6-3, 5-7, 10-6 before losing to another Pitt player, Elizabeth Adams (0-6, 3-6).

Staloch took third place after beating Rachel McGowan of Duquesne 8-6. Also in flight one, first-year Jennifer Chui lost 6-7 (5), 6-0, 7-10 to McGowan in a see-saw affair.

In the second flight of singles, Hart inflicted a double bagel on Robert Morris opponent Kali Delorie (6-0, 6-0). There's always a bigger fish in the pond though, and Hart lost to Carlie Smith of Pitt (6-1, 6-1). Loar went 2-1

overall by defeating another Pitt player 6-2, 3-6, 10-6 and also Rebecca Poole of Duquesne (8-3). She finished third in the second flight.

Although sophomore Alisa Liebowitz lost two close matches in the second flight, she was upbeat. "It's really good competition. Our games are brought up. We compete really well against them."

In the third flight, Herrick took second place. She won 7-5, 6-0 over a Duquesne player and followed that win up with a gutsy 6-4 7-6 (4) victory over Pitt player Shannon Benic. Herrick, though, lost her third match 3-6, 1-6 to Stephanie Scheinoff of Pitt.

In the fourth flight, junior

See TENNIS, page A13

Women's soccer even at 2-2 to begin season

by **Elizabeth Haldane**
Junior Staffwriter

After competing in the Johns Hopkins University tournament Sept. 1-2, and in the Otterbein College tournament last weekend, the women's soccer team has a 2-2 record, tallying eight goals for and seven against.

With the addition of assistant coach Betsy Warren, and the introduction of junior Mary Ashe, sophomore Eleonore Valencia, and first-years Kate Smith and Emily Overstreet to the starting lineup, the 2007 squad is significantly different from last year's. Despite having a young team, Carnegie Mellon's deep bench allowed the underclassmen to contribute in the first match of the season against the 16th-ranked Johns Hopkins.

Senior Kasey Stever put in the game's first goal in the 39th minute of play. Stever received a cross from first-year Valerie Corvino and finished the ball to the far post to close out the first half on top.

The Blue Jays increased their offensive pressure, playing several

skillful through balls, which were stopped by junior goalkeeper Christie Adams. Adams made five saves throughout the game.

Hopkins' morale skyrocketed when junior Molly Steele scored the equalizer in the 69th minute. They concentrated on their defense and put a second goal in the back of the Tartans' net at the 79-minute mark with an assist from Steele to Claire Pelura. With a final result of 2-1, Carnegie Mellon recorded its first loss of the season.

The Tartans rebounded from the loss, taking on Guilford College with more intensity and defeating them 4-1. Carnegie Mellon scored an early goal in the third minute from junior Abby Coffin and assisted by senior tri-captain Jessica Howard. In the 12th minute, Stever scored on a corner kick from senior tri-captain Amanda Rose.

Guilford came back at the 37-minute mark when Amanda Sperr scored its only goal.

The Tartans retaliated with two more goals, both of which were scored by Corvino and assisted

See WOMEN'S, page A13

ATHLETE PROFILE: Travis Sivek



Zhiquan Yeo/Senior Photo Staff

Full Name:
Travis Sivek
Age:
22
Hometown:
Traverse City, Mich.
Major/College:
ECE/CIT

by **Christina Collura**
Staffwriter

On Sept. 1, the Tartan football team kicked off the season with an impressive 33-10 victory at the University of Rochester. The team continued its regular-season winning streak last Saturday with a 16-6 win over Grove City College. Senior fullback and preseason All-American Travis Sivek is helping to lead the team this year. The Tartan caught

up with Sivek last week to talk about his success and the upcoming season.

Tartan: When did you start playing football, and how did you get into it?

Sivek: I started playing flag football in third grade, and then tackle in fifth grade. I really liked playing pretty much every sport at that age, and at that point I played every sport except hockey.

T: What made you want to play football in college?

S: I really wanted to continue playing in college because I really love the team atmosphere. You get really close spending that much time with the same group of guys and I would have missed getting to be a part of that. I also really enjoyed playing the game itself and wanted to keep on playing for as long as I could.

T: Was football part of your decision in coming to Carnegie Mellon?

S: I chose Carnegie Mellon mainly for its academics, but

I met with the coaches, and visited, and realized what an amazing environment the university and team created here.

T: How do you manage to keep up with academics during the football season?

S: It's all about keeping up on the work and doing work ahead of time. Away games are the hardest to deal with academically.

T: Do you have a favorite place to play?

S: We don't get to play there this year, but I loved getting to play in Colorado. It was really weird to notice the thin air there when you play. When you're running you don't notice it, but then you get over to the sideline, and are panting and wheezing. It was an experience. Chicago is really fun too. It's a really good trip to go on with the team and we usually have the night off to go out.

T: Is there anything or anyone in particular you attribute your success to?

S: My entire career I've just

Men's soccer wins first two games

by **Doug Fricker**
Senior Sports Staff

The Carnegie Mellon men's soccer team opened up the 2007 season last week with a pair of victories, getting off to a perfect 2-0 start. The Tartans hit the road and defeated Washington & Jefferson 3-1 Wednesday and made their home debut a successful one, beating Westminster College 3-0 Saturday night.

"So far so good, we're getting our results," sophomore forward Ricky Griffin said. "We've had two great first halves and decent second halves. We just need to keep practicing, keep working hard."

Against W & J, Griffin was involved in all three goals, scoring two and assisting on another. Griffin started the scoring in the 18th minute with sophomore forward Patrick Lutz registering the assist. Lutz booted home Carnegie Mellon's second goal 12 minutes later off passes from Griffin and sophomore midfielder Ryan Browne.

After W & J scored early in the second half, Carnegie Mellon responded in the 53rd minute with an insurance goal from Griffin, with junior midfielder Dan Brackley assisting.

Against Westminster on Saturday, sophomore midfielder Jonathan Hall scored the first two goals of his career in the win, and first-year midfielder Maximilian Betzig sandwiched his first career goal in between Hall's heroics.

Hall's first goal came in the 20th minute when Brackley's free kick was flicked toward the center of the penalty box by sophomore midfielder Jonathan Simon.

Hall one-timed Simon's cross into the back of the net. Betzig put the Tartans up by two goals 49 seconds later when he slid feet first to tap into the net a flick from Griffin.

Hall tallied his second goal in the 34th minute when he volleyed a low line drive cross from Brackley into the net. On the play, Brackley received a longer cross from Browne prior to setting up Hall.

"I was just in the right spot at the right time," Hall said. "I got into the penalty area and we had two great services, one by Dan Brackley and Jon Simon and I was the man on the spot in those situations."

Neither team scored in the second half with the Tartans out-shooting the Titans 17-9. Carnegie Mellon junior

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pillbox

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VEGETARIAN SURVIVAL ON CAMPUS



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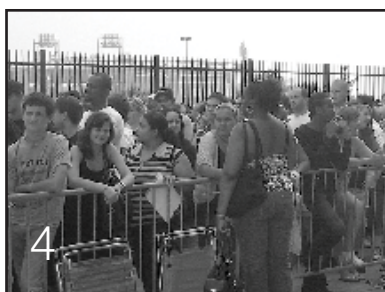
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A surprise party turns deadly when an ex-wife and a senile grandfather pay a visit.

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Read about last Monday's art lecturer, Andrea Fraser. Plus, a schedule of lectures to come.



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Miller Gallery reveals Nakashima

New furniture exhibit also features metal sculptures

Walking into the Regina Gouger Miller Gallery, visitors enter a dimly lit room containing a taste of what's to come: one of Dee Briggs's steel sculptures and two of George Nakashima's wooden chairs. Friday, Aug. 31, the space hummed with voices of visitors at the opening reception for the *Nakashima Revealed* and Dee Briggs exhibits.

Nakashima Revealed showcases Carnegie Mellon's collection of Nakashima's work, which has never been exhibited. This collection, which comprises 60 pieces, is over 40 years old, and is still in use at the university.

At the *Nakashima Revealed* areas on floors one and three, Nakashima's correspondences, sketches, and price sheets hang on the walls alongside photographs of the furniture around campus, in addition to a large portrait of Nakashima in his workshop. Visitors are also able to explore a touchable display of different kinds of wood Nakashima used when creating his designs. The furniture looks beautiful, so well made that even the corners are executed with extreme exactness. But this exhibition is not only about the furniture and Nakashima's trademark, timeless design; it is also about the collection owned by Carnegie Mellon and how the university acquired it.

The second floor holds the other exhibition, featuring the work of Briggs. As Briggs works with metal, her art proves quite a contrast to the organic wood furniture on the surrounding floors. Some of her pieces are massive steel sculptures, standing as tall as the people walking around them. Her display also includes small paper models and steel structures.

"It is a great honor to have my work standing next to his," said Briggs about having her work shown with Nakashima's. Briggs had the option to have an exhibition later in the year, which would give her time to create a body of work specifically for the show, but turned it down, enthusiastic to share a space with Nakashima's work.

Both artists were formally trained as architects prior to pursuing careers in art. Briggs turned to sculpture with steel, although she lacked any formal training. She has been learning from experience, and is currently focusing on creating larger sculptures, since she is always interested in making her sculptures could be more accessible to the viewer. "My work is about spaces, I think a lot about spaces because I was trained as architect," Briggs explained.

Until recently, Briggs taught in the School of Architecture, before she decided to leave her teaching position so she could take time to fully devote herself to making sculpture. Briggs is excited to simply focus on her work, but she admits that she will miss teaching; the work she was doing with her students informed and challenged her sculpture. Briggs devoted her summer to the creation of the pieces now on display at the gallery, and she made the large hanging piece just a week before the opening. To create these steel sculptures, Briggs looks to the relationships and experiences she has with other people for inspiration. "I think my work is alive in a lot of ways," Briggs said.

Nakashima's artwork is also alive, but in a different way than Briggs's. Designing furniture, Nakashima believed he was giving trees a new life. He worked with and around pieces of wood, embracing the imperfections, knots, and irregularities in his work.

Nakashima Revealed is the result of an academic project, which was the focus of an exhibition class last spring in the School of Design. Led by instructors Rachel Delphia and Laura Vinchesi, students designed and put together the exhibition, website, and catalog.

The story of Nakashima's furniture for Carnegie Mellon began in 1957, when a campus development plan featured a push to erect some new buildings around the school. The plan included the construction and furnishing of Warner Hall. The university hired one of Nakashima's previous clients, interior designer Paul Planert, who commissioned Nakashima's furniture in 1965. The furniture was meant to outfit the president's office, vice president's office, and other administrative offices in Warner Hall. In addition, Nakashima also created three custom wood screens that once stood in the faculty dining room in Skibo (the former Student Union) that were 54 feet in length. After the building's demolition in 1994, the three panels had to be put in storage, but recently two of the panels have been moved into the library to the first floor study area.

Regarding the relationship between the two exhibitions, at first it may seem as if the two different bodies of work lack congruency and that the artists have nothing more in common than their backgrounds. Both Briggs and Nakashima were trained in architecture, but chose to devote themselves to their respective creation of art. It is interesting to note that this is Briggs's first solo exhibit in a gallery, and Carnegie Mellon's collection of Nakashima's work has never been published or exhibited either.

As for the Miller Gallery, the two bodies of work are able to form a cohesive exhibition, despite the separate mediums. "The passion and relationship with materials [is what really connects and unifies our work], although I work with steel and he with wood," said Briggs.

Victoriya Kovalchuk | Junior Staffwriter

The exhibits run through Oct. 28, 2007. Gallery hours are Tuesday through Sunday, 11:30 a.m.–5 p.m.

A chair designed by Nakashima (left) and a sculpture by Dee Briggs (right).

Everything you need to know

About party poopers and Prince Okay.

Dear Myrtle,

It seems that I'm only attracted to men who aren't attracted to me. Even worse, when I find someone attractive and then he shows interest in me, I immediately get freaked out and stop liking him. How can I overcome this seeming social disorder?

— Lonely Unlovable Sad Homosexual

Dear LSH,

Look here LSH (I refuse to call you LUSH because you are NOT unlovable!), haven't you watched movies? This isn't a social disorder, it's just a perfectly normal case of wanting the unattainable. Do you think Prince Charming was as enamored of Sleeping Beauty once she woke up? Definitely not. So there's no need to condemn yourself, but you still have some work to do. The next time you find someone attractive who seems to like you, bite your lip and fight the urge to run. Give the man a chance. Even if everything feels less exciting at first once the chase is over, give it a few dates, see how things go. You might find that having a good time with an attainable man isn't so bad after all. If you still don't like him after a few dates, apologize and leave — don't break anyone else's heart. But above all, the best way to get better at dating is to date. Even if you spend some time with Prince Okay before finding Charming.

— Myrtle

Hey Myrtle,

I'm really stressed and overcommitted but I hate telling my friends that I can't go out partying with them. How can I say "no" without it sounding like "go away"?

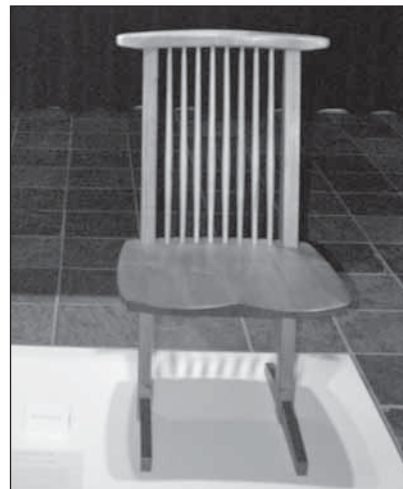
— Poopin' On Parties

Hey there POP,

First of all, tell your friends the truth. Explain that you're stressed and overcommitted instead of making up a lame excuse about feeling under the weather or having to wash your cat. Then, the next time you have some spare time between exams and prior commitments, make the move to invite them to go out — that way they'll know that your reluctance to party doesn't mean you don't like them. It's also okay to invite your friends to hang out for shorter periods of time — grab a coffee, solve the crossword — to show them you love them without bogging down your schedule. Don't worry — if your friends are friends worth having, they'll understand! Good luck!

— Myrtle

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



Almost famous

Idol audition proves to be a Simon-less experience

This October, *American Idol* will begin its eighth season. Once again, I will be sitting in front of the TV, laughing along with millions of Americans at the crazy people: some crazy good, some crazily bad. Except this year, I won't be telling myself, "I should do that! I should audition!" Because I have. Just two weeks ago, I stood in line with hundreds of other *American Idol* wannabes, and actually tried my hand at becoming this season's next singing sensation.

3:45 a.m., Saturday, Aug. 24 My mother and I leave our home in Connecticut in order to make it to Philadelphia by 6 am No, this is not the day of the audition. This is the day to *sign up* for the audition.

5:45 a.m. We reach the thruway exit to Philadelphia on our way to the Wachovia Center, which opens at 6 a.m. Seeing brake lights, we slow down and soon realize we are stuck in a traffic jam, with at least 5000 other cars. So much for being early.

7:45 a.m. I decide to begin walking to the Wachovia Center while my mom waits in the *American Idol* traffic. As I reach the line, I see thousands of people, some in ridiculous costumes, others looking like they just rolled out of bed, crowd the entire area. And although this is one of the largest masses of people I have ever seen in my life, everyone is incredibly friendly.

8:45 a.m. I am waiting in a "pen" of at least 700 — talk about a cattle call! There are five other pens full of people in front of me in line.

9:45 a.m. Still waiting, although I am not too bored because I have made friends with two girls: one, Jennifer Waters, a musical theater major who graduated from Syracuse, another, Adrina Lewis, a senior at University of Pennsylvania, a communications major. Both live in Philadelphia and did not have to make a two-and-half-hour trek.

"The only thing I'm really worried about is getting to my waitressing job later this afternoon," says Jennifer, who works alongside Adrina.

Adrina adds, "This is much crazier than I expected."

11:50 a.m. I make it to the registration and receive a blue wristband to wear to audition, as well as a seat ticket in the Wachovia Center that will also serve as my place in line. My Mom gets a white wristband and a seat beside me; only one "support" person is allowed per contestant.

6 a.m., Monday, Aug. 27. Although we were instructed by *American Idol* personnel to arrive between 5 and 6 a.m. the day of the audition, we knew to come later to avoid excessive waiting. Since we signed up for my audition two days earlier, we already have a designated place in line.

7 a.m. In the Wachovia Center parking lot, over 20,000 people are lined up, looking more polished now and warming up their voices. *American Idol* employees assure everyone that they will get a chance to audition.

8–10 a.m. Those auditioning wait in the Wachovia Center's gigantic auditorium. We then proceed to "make good television," as the producer of the show asks us to scream various phrases like, "I'm the *next* American Idol!" as the camera, hoisted high on a trolley, pans the entire stadium. People who have dressed up for the occasion (some in angel costumes, prom dresses, or drag) are specifically pointed out by the producer to be filmed. I'm wearing a simple black dress — not exactly stand-out material.

10:30 a.m. *American Idol* host Ryan Seacrest enters stadium, says his one line, "*This is American Idol!*" and then disappears.

11 a.m. The producer is satisfied with the amount of footage of the crowd standing up and cheering, and the auditions are about to begin. On TV, the producers make it look like every audition takes place in front of judges Paula Abdul, Simon Cowell, and Randy Jackson. Of course, this is not the case. There are several cuts that are made before the three judges see the 25 best (and 25 worst) singers of each city. For now, production assistants, camera people, and other various people involved in creating the show must sift through 20,000 hopefuls. Auditions are conducted on the main floor of the stadium: there are 18 tables separated by black curtains, and one or two producers listen to each contestant. Four people are presented to the judge at a time, each singer steps

forward to perform for 30 seconds, and then steps back for the second singer to come forward, and so on.

12 p.m. About 300 people have gone through auditions, but only five have made it through to the next round. Of these five, one is dressed in a Batman costume.

2 p.m. So far I have seen about 15 people cry, one person tearfully begging to the extent that the judge actually lets her go into the next round, and three more people smile happily and skip off with their golden tickets to the next auditions.

5:07 p.m. I audition! I'm the first in my group, and I sing "Songbird" by Fleetwood Mac. After I finish singing, the judges talk behind a clipboard. I step back in line, and the next three people sing. After we finish, we are all asked to step forward, and...

5:08 p.m. The judges tell all four of us that we "do not have strong enough voices to continue in the competition. Thank you for participating."

5:10 p.m. As I shuffle out with the rest of the losers, or "non-winners," as the producers call us, I see a few fellow rejects talking to *American Idol* cameras about how they should've been given another chance, or didn't sing as well as they could have, etc. I am happy with my audition, and having gone through the audition process, I believe that *American Idol* is a legitimate talent contest. Although half of the people sent through to the next round were jokes, wearing silly costumes, the majority of the people I saw audition were great singers. Unfortunately, with 20,000 people auditioning and just a few plane tickets to Hollywood, chances are like winning the lottery. But hey, there's always that small chance, right?

Laura Thorén | Staffwriter



Hopefuls line up outside Philadelphia's Wachovia Center.

CD Dropbox

Kanye graduates without honors, Caribou gets the A

Caribou, *Andorra*

Do you remember the first time you listened to The Beach Boys album *Pet Sounds*? By the time you heard Brian Wilson finish singing the line “Wouldn’t it be nice if we were older” — about 10 seconds into the song — you intuitively knew that *Pet Sounds* as a whole would be, well, awesome. How can people infer the greatness of an entire album from just the first 10 seconds of the opening track? I don’t know, but they can. This same phenomenon occurs on Caribou’s latest record, *Andorra*, with its opening song, “Melody Day.” At the very beginning of this track, too, with its abrupt entrance, subdued melody, and pulsating beat, we somehow know that we are in for a 42-minute-long musical treat.

Kanye West, *Graduation*

Kanye West has plenty of reasons to be proud of himself: He’s a Grammy Award-winning and multi-platinum-selling rapper and producer. He also has his own record label and clothing line. But his life isn’t all about commercial success: He drunkenly interrupted an acceptance speech for an award he didn’t win and jarred the mainstream political world when he claimed on national television that “George Bush does not care about black people.”

On his strong third release, *Graduation*, Kanye is damn vocal about his success. On “Champion,” he asks himself nicely with a Steely Dan sample: “Did

How can people infer the greatness of an entire album from just the first 10 seconds of the opening track? I don’t know, but they can.

We can trust our intuition. On *Andorra*, Dan Snaith (Caribou is his moniker) gives us flowery and innocent melodies, reminiscent of ’60s psychedelia. The backup vocals in “She’s the One,” singing “dit-dit-dit” on loop, remind us of the charming bridge in The Beatles’ “Girl.” And when we hear the giant leaps of the vocal lines, the multi-layered falsetto parts floating in the background, the endless harmonies, and the multitude of quirky instruments, we cannot help but think of The Beach Boys.

Yet, Snaith — who, as a side note, just received a Ph.D. in math — does more than recollect and reproduce the musical glories of the 1960s. Apparent alongside this throwback sound is experimental electronica, a computerized style that Snaith had mastered earlier in his career under the now-extinct moniker Manitoba. Snaith fills this work with tape loops, drum machines, synths, and heavily warped vocal tracks, keeping the album fresh and innovative. In the last three songs, unstructured and predominantly instrumental, Snaith’s electronic past dominates. Coincidence or not, these three pieces are the least compelling.

Andorra really epitomizes everything that’s potentially wonderful about pop music. Pleasurable verses move in a dreamlike manner into eagerly awaited, celestial choruses. The song “Desiree” exemplifies this best. You will find yourself scrolling through your iPod faster than usual to get your dose of *Andorra* between classes. You should consider moderating your intake of these songs so you don’t exhaust too soon the pure joy you derive from hearing them. Why can’t all pop music be like this?

Steven Weinberg | Staffwriter

you realize you were a champion in their eyes?” It’s a pretty rhetorical question in context, but Kanye answers anyway: “I think I did.”

Sure, rappers have been talking big for decades, but Kanye has plenty of other interesting things he could be saying. Instead, more boasting: “I always had a passion for flashing,” he raps crassly on “The Good Life.” On “Glory” he claims, “With my ego I could stand there in a speedo and be looked at like a fucking hero.”

On *Graduation*, Kanye is musically less consistent than on his previous efforts. His strongest tracks are surprisingly the ones without his trademark gospel samples. On “Stronger,” he samples electronic group Daft Punk’s “Harder Better Faster Stronger,” and on “Barry Bonds,” crunchy synthesizers and punchy string patterns. On “Homecoming,” Kanye falls short of bridging the gap between pop and hip-hop (a gap he’s crossed so well in the past): Chris Martin’s piano bounce sits squarely underneath Kanye’s downbeat-heavy drum break.

Maybe it was the expectation of Kanye’s personal (and therefore musical) development that makes *Graduation* a little bit disappointing. But then again, Kanye without an ego would be like Carnegie Mellon without smelly people. And sometimes, it’s better to have too much character (or odor) than none at all.

Matt Siffert | Assistant Pillbox Editor



Paperhouse

On album orders

So you’re a rock star — congratulations. You’ve finally recorded your 10 or 12 songs, and you’re ready to finish the album and send it off to record execs everywhere. But wait — which song goes where?

Now, if you’re Britney Spears or Three Doors Down, you can throw all the singles in a row at the beginning. Whatever. You’ll sell millions anyway, and as long as you hear that one catchy tune, who cares if it’s a coherent or even listenable album? But this problem of poorly planned albums exceeds the top 40, and may even reach artists you like (see Beck’s *Guero*, Ratatat’s self-titled, or Modest Mouse’s latest for examples of albums that leave you bored by the halfway point).

On a side note, there aren’t many albums that fail in the reverse direction. Maybe musicians are scared that nobody will listen if they load up the back of an album with hits.

So, you’re planning your CD. What comes first? Ideally, it’d be an attention getter, but not the only hit. “Like Eating Glass” from Bloc Party’s *Silent Alarm* is one example. It’s jagged, angular, and quick, and sets the stage for the album. And, if you bought the album because you heard “Banquet” (track four) on the radio, you’ll keep listening.

Next, cool down a bit — right out of *High Fidelity*. I wouldn’t say add some filler, but maybe if you’ve got a couple songs that are pretty typical of your sound but not the greatest, tracks two or three might be a good place to put them. Another option is to lead off with a throwaway “intro” track (although this will annoy shufflers) and put the attention-getter at track two, as in the Foo Fighters album *The Colour and the Shape* (“Doll” followed by “Monkey Wrench”).

At around track four, drop the hit. There’s a lot of precedent here: Weezer’s blue album, Daft Punk’s *Discovery*, the Red Hot Chili Peppers album *Californication*, even the new Arcade Fire album. The ideal album would keep the next few tracks pretty strong, with something else interesting around eight to keep everyone listening.

By then, most of your best songs might be exhausted. How do you keep people interested then? If you’re making *Talking Heads: 77*, you just keep tossing on great songs. Fine. If not, you can switch gears; some great albums have kept interest because their second halves have been the deeper, moodier counterparts to the upbeat first halves (see *Abbey Road* and Of Montreal’s *The Sunlandic Twins*.) A contrast will help listeners break the album into chunks that they can easily absorb. And that’s the goal, right?

On the other hand, if you’re making a concept album, disregard this all entirely and follow your muse! Just, whatever you do, don’t put a “secret track” after 12 minutes of silence at the end.

Dan Tasse | Special to the Tartan

top 10 on WRCT 88.3 FM

most played albums of the last week

- 1 Sonic Youth, *The Destroyed Room*
- 2 Midnite Snake, *Shaving the Angel*
- 3 Slavic Soul Party!, *Teknochek Collision*
- 4 Sequoia, *Sequoia*
- 5 Shuta Hasunuma, *Shuta Hasunuma*
- 6 Dimmu Borgir, *In Sorte Diaboli*
- 7 The Detroit Cobras, *Tied and True*
- 8 Cornelius, *Sensuous*
- 9 Spoon, *Ga Ga Ga Ga Ga*
- 10 Wilco, *Sky Blue Sky*

Less reality, more originality

Prepare yourself for *Cavemen*, *Kid Nation*, and more

The air is crisper, the days are shorter, and everyone on campus seems to have a hacking cough. We all know what that means: It's officially fall. With the end of the summer blockbusters, fall means that it's time for the small screen to take precedence over the big screen. In other words, time to kick back and embrace your inner couch potato.

This season brings with it a host of new shows and one exciting trend: less reality TV! Out of the 26 new shows debuting on ABC, NBC, CBS, Fox, and The CW, only three are reality shows. Of these three, at least one looks fairly interesting — and this is coming from a person with a strong hatred of anything to do with reality TV.

So, in the interest of saving you time and TiVo, here's a quick rundown of the shows that look the most (and least) promising this season. One thing's for sure: You won't get them confused.

Back to You (Fox) Premieres Wednesday, Sept. 19. 8 p.m.

It's a show set in Pittsburgh! The show stars Kelsey Grammer (anyone else love *Frasier*?) and Patricia Heaton (Ray's wife on *Everybody Loves Raymond*), who play TV anchors for a small Pittsburgh television station. It sounds like that show *News Radio* — if anyone else remembers that.

Gossip Girl (The CW) Premieres Wednesday, Sept. 19. 9 p.m.

Now that *The O.C.* is gone, there has to be another drama about ridiculously wealthy high schoolers who have more money than brains. The CW to the rescue! The new series *Gossip Girl* follows a group of over-privileged New York high schoolers whose lives are chronicled by a mysterious blogger named Gossip Girl. She knows everyone's dirty little secrets and delivers them directly to you via text messages. Developed by the creators of *The O.C.* and based on the popular book series by Cecily von Ziegesar, this show is guaranteed to be a hit with teenagers.

Kid Nation (CBS) Premieres Wednesday, Sept. 19. 8 p.m.

What do you get when you put 40 kids ages 8 to 15 in a deserted ghost town without adult supervision? Hopefully, it doesn't result in a live-action reenactment of *Lord of the Flies*. This show looks like a fairly interesting social experiment — that is, if it doesn't focus too much on crying children who want out.

Private Practice (ABC) Premieres Wednesday, Sept. 26. 9 p.m.

Many suspected that the episode of *Grey's Anatomy* which featured Dr. Addison Montgomery (actress Kate Walsh) in California was the setup for a spin-off, and here it is! *Private Practice* stars Walsh as a neonatal surgeon who's leaving Seattle (poor McSteamy) in search of sunnier pastures. We can only hope that this show is half as interesting as *Grey's*

Anatomy, and the executives of *Private Practice* are banking on the fact that it will be as addictive.

Bionic Woman (NBC) Premieres Wednesday, Sept. 2. 9 p.m.

During the past few years, there have been a plethora of movies about guys with super powers — not so many featuring women. NBC is looking to change that. The resurrection of the 1976–78 series *Bionic Woman* is timed perfectly to satisfy the superhero fix that viewers need after a summer filled with superhero blockbusters like *Transformers* and *Spider-Man 3*. However, the jury's still out on whether or not this series will have your "Spidey senses" tingling.

Big Shots (ABC) Premieres Thursday, Sept. 27. 10 p.m.

Michael Vartan, Dylan McDermott, Christopher Titus, and Joshua Malina. Other than the fact that all of them have had recurring roles in fairly popular TV shows, they now all have something else in common: They're all becoming high-ranking executives. ABC's new show *Big Shots* features these four as execs who get together to talk about the two most important things in their lives: money and power. It sounds a little like *Sex and the City*, except this version is more like *Sex and the Boardroom*. Only one question remains — who gets to play Miranda?

Cavemen (ABC) Premieres Tuesday, Oct. 2. 8 p.m.

One of the first TV shows to be developed from a successful ad campaign, this sitcom follows the lives of three cavemen who end up living in a southern suburb. The series has already come under fire from critics as being a "racial metaphor." As a result of these comments, ABC completely reworked the pilot. Apparently, making a TV show about stereotypes of a certain group of people isn't "so easy a caveman can do it."

You might have to triple-book your TiVo for Wednesday nights because it seems like the networks are pulling out all the stops for it. So, if you get the chance between studying, studying, and more studying, check it out. After all, anything's better than watching another episode of *Friends* in syndication.

Pratima Neti | Staffwriter



Michael Menchaca | Art Staff

Surprise! You’re dead.

McCaffery Mysteries offers a celebration with a fatal twist

Every Saturday night in September and October, the Green Room at the Funny Bone in Station Square will be putting on *It’s My Party and I’ll Die If I Want To!*, a comedic, interactive murder mystery. A McCaffery Mysteries production, this murder mystery gives the members of the audience more than some good laughs; it gives them a chance to participate in charity. McCaffery Mysteries, Inc.’ is a non-profit organization benefiting both the National Multiple Sclerosis Society and the Animal Rescue League of Western Pennsylvania.

It’s My Party and I’ll Die If I Want To! is a surprise party for Ted’s (Larry Herman) 50th birthday, hosted by his overly fatuous wife, Tiffany (Erica Skirpan). The audience plays the role of the party’s guest, so expect Tiffany to greet you sometime during the play as “Francine, who just got out of rehab,” or some such thing. Of course, there are other invited guests: Ted’s senile and sour father George (David Bonta), and Ted’s bitter ex-wife Sandy (Karen Walker).

Before Ted makes his appearance, the caustic conversations between the three fill the audience in on Ted’s character. He is a “professional disappointment” in his father’s eyes, is a womanizer in Sandy’s, and, as Tiffany reveals, has entered into a mid-life crisis. Tiffany’s “proper” and “sweet” nature causes her to only see a troubled, dear husband. However, Ted brings along an unexpected guest who forces Tiffany to further sink into denial about her husband’s true nature.

Just after the audience screams out, “Surprise!” and sings “For He’s a Jolly Good Fellow,” Ted (wearing a “Vote for Pedro” shirt, no less) reveals that he will be leaving Tiffany for Promise (Kari Kleemook), a simple-minded, well-built teenage girl. He leaves an upset Tiffany behind to fetch Promise in his

Mercedes, and all the characters exit the scene to deal with the situation in the ways they see fit.

Then the murder takes place. After everyone is inside, a guard (Matt Freas) enters to inform everyone that a murder has taken place in the parking lot. Promise enters the room and screams that blood has gotten on her skirt. It is revealed that Ted has been murdered by being repeatedly run over by his own Mercedes. Coincidentally, each of the characters has a key.

After some debate, the audience is left to help the guard figure out who the murderer is. The cast passes out some sheets filled with questions that the audience must answer. With three tie-breaker questions, the majority vote determines the ending, or, who killed Ted. To top it off, the cast hands out awards for “The Most Clueless,” “CSI Detective” (the one who tried too hard), and the “Winner of the Day,” who gets a T-shirt along with his or her certificate in celebration of accurateness.

The cast works well together. Although each character portrays a certain extreme (one is very stupid while another is very bitter, for example), the actors use the wit in the script to maintain a kind of balance; each overwhelming personality constantly thwarts another. For example, Ted’s father and ex-wife take turns subverting his current wife Tiffany’s edgy voice with their sardonic and unfeeling tones.

Playing the guard, Freas is one of the last actors to appear, and he offers a refreshing feel to the play. His tennis shoes and frequently befuddled expression seem perfectly fitting for a man who doesn’t mind looking up a teenager’s skirt as he tries to solve a murder mystery.

Artistic director and director Cory McCaffery Sigler keeps a good eye for using all of his cast’s talents. Kleemook, who has a B.F.A. in musical theater from Youngstown State University, turns singing to a comedic play when Promise sings “I Will Always Love You” as an abrupt eulogy for Ted.

So, for anyone who is clueless as what to do on a Saturday night, a charitable, interactive murder mystery is not a bad idea. It’s only 20 bucks plus a two-drink minimum — and you get to see naked ladies. They’re on the walls.

Maria Zayas | Staffwriter

A scuffle from one of McCaffery Mysteries’ earlier shows, *Audition for Murder*.



Courtesy of McCaffery Mysteries



dollarmovie

Kristen Lukiewski | Dossier Design Editor

NO MOVIE

Wednesday, Sept. 12

Try a night of YouTube instead. Have you seen “Chocolate Rain”?

Paris, je t’aime

Thursday, Sept. 13
8 10 12

Paris, je t’aime is for people with short attention spans and a slightly masochistic romantic side. Think *Love Actually* gone indie, with less cohesion, more negativity, and a touch of WTF. Each mini love story is directed by a different person, and you’ll find at least one to personally identify with. You might feel good when you leave this movie, but it’ll be a melancholy good. And it’ll probably mean you’re really emo.

Pirates of the Caribbean: At World’s End

Friday, Sept. 14
7 10 1

If you’re going to see this, it’s probably because you didn’t already see it. It’s long, and the story isn’t particularly great, but the series thrives on its characters and choice eye candy anyway. The special effects are good, too. Great, even. In fact, this third movie is really all about being a visual feast for the eyes — so if you can suspend standards for story lines, it might be just the way to spend your Friday night. (And at three hours, it lasts nearly all night.)

300

Saturday, Sept. 15
7:45 10 12:15

Ripped guys and fantastic visual effects make *300* wonderful. It’s a complete package, with good acting and a good story, too. It’s not particularly gory, so even the weak stomachs can handle it. Speaking of stomachs, if you’re too sensitive to handle some manly action and soldiering, you could always check out the PG version on YouTube. Just remember that the real *300* is not Caketown.

Hostel: Part II

Sunday, Sept.16
8 10 12

If you enjoy this kind of movie, you’re just sick. But if you’re, say, just curious about this kind of movie, now’s the time to see it. You probably aren’t going to be checking into a real hostel any time soon (yay school), so you’ll have some time to let the idea of check-into-a-hostel-get-involved-in-snuff-films wear off. Yeah, this is basically torture porn. It’s an actual movie, and it’s all right for what it is, but it’s filled with torture. And porn. Sick. In a good way? You decide, sicko.

Beyond the salad

Vegetarian survival on campus

[by **Cecilia Westbrook** | Staffwriter]

Carnegie Mellon isn't a bad place to be if you're a vegetarian.

Recent changes by Housing and Dining Services have been emphasizing friendliness to vegetarians, including a new restaurant in the University Center, new and expanded menu items across campus, and new options in the new convenience center Entropy+.

"We know that vegetarianism is becoming a bigger and bigger trend on campus, and we're doing everything we can to accommodate it," said Ryan Rearick, assistant director of Housing and Dining.

The recent push has been largely due to feedback from students and the Carnegie Mellon community, according to Rearick. One of the most consistent complaints among students had been the lack of vegetarian dining options.

Vegetarianism and veganism are on an upward trend in college students across the country. A 1999 report by the National Restaurant Association estimated that as many as 20 percent of college students consider themselves vegetarians, and projected that the number would rise. A 2005 report by hospitality services giant Aramark discovered that one-quarter of nearly 100,000 college students surveyed said that finding vegan menu options on campus was important to them.

In response, Housing and Dining initiated a series of steps designed to fix the problem. First was implementation of the Crunch program, which consists of signs at dining locations indicating what menu items at each location are vegetarian or vegan.

The Crunch program was not actually an addition of new menu items, but just "advertising what we already had," said Rearick. According to Rearick, a big part of the problem was that students weren't aware of what vegetarian options already existed.

"Some folks were just going to the same places over and over because they knew they could get [vegetarian] stuff there," he said.

Housing and Dining also expanded vegetarian options in Schatz Dining Room last year in conjunction with the Crunch program. In addition, dining locations on campus extended their hours to provide vegetarian students more options for dinner.

This year, the centerpiece of Housing and Dining's vegetarian thrust is the opening of a new restaurant in the University Center. The restaurant is called Evgefstos! (The name is not as unpronounceable as it appears if broken down into three syllables: *Ev-gef-stos*.)

"The word is Greek for 'delicious and tasty,'" Rearick said.

Evgefstos! offers a 100 percent vegetarian and vegan menu based around Mediterranean cuisines. The restaurant features hot entrees and cold salads as well as pre-packaged items. Students can choose from one of several entrees or can eat in a more a la carte style. "It has more of a tapas bar kind of feel, but you can still get a good meal," Rearick said.

On the whole, student response to the new restaurant has been positive, Rearick said. The Dining Advisory Council, which contains students, staff, and faculty, has already received positive input.

"We were expecting it to make a splash, and it really seems to have done so," Rearick said.

Another aspect of Housing and Dining's approach to vegetarian dining is through a registered nutritionist, Paula Martin. Martin is now in her third year at Health Services and has extensive experience working with the nutritional needs of students.

The nutritionist is available for appointments to provide nutrition advice and counseling to individual students. This service is available to all students regardless of dietary restrictions, but may be particularly useful to vegetarians or those considering vegetarianism and are looking for advice into how to structure their diets.

Martin also provides nutritional information through the Health Services website. There is a section of the site devoted to vegetarianism, which includes dietary advice, quick meal ideas, and links to vegetarian resources outside the university.

Rearick reports mostly positive feedback from vegetarian students. However, there are several consistent concerns about vegetarian dining on campus.

One issue mentioned frequently among students both vegetarian and non is the cost of dining. Vegetarian options on campus are not any more expensive than their meat-containing counterparts — but they aren't any cheaper, either. Vegetarian entrees typically cost as much as meat entrees.

In addition, vegetarian meals often contain fatty foods like cheese to compensate for the lack of meat, making them relatively unhealthy. This may be a deterrent to students interested in eating vegetarian for health benefits.

"Unlike most students, I don't really have a problem with campus dining," said Benjamin Saalbach-Walsh, a senior creative writing major. Aside from being a longtime

vegetarian, Saalbach-Walsh is an active member of the Neville Co-op and Voices for Animals.

Saalbach-Walsh, like many vegetarian and non-vegetarian students, chooses to cook most of his food at home. In order to maintain an ecologically responsible vegetarian lifestyle, he prefers to buy most of his food at the East End Food Co-op, which sells organic and locally grown produce.

Many students are interested in seeing more locally grown and ecologically sound food being served on campus. Saalbach-Walsh was involved in the campaign to get Housing and Dining Services to switch to certified cage-free eggs — eggs from chickens raised in more humane conditions.

However, not all vegetarian students have such strong ideals for choosing not to eat on campus. Lauren Heller, a recent Carnegie Mellon alumna, also preferred to cook at home in her off-campus apartment when she was a student. Her reasons for not eating on campus were partly due to price, but also because she saw most of the meals on campus as being unbalanced or unhealthy.

"My options were mostly limited to French fries and deep-fried cheese products," she said.

Rearick emphasized that concerns and complaints can be directed to the Dining Advisory Council, which works closely with Housing and Dining to improve dining based on student feedback.

Vegetarian students who are looking for more off-campus options can also check out the wide array of vegetarian and vegetarian-friendly options in the greater Pittsburgh community. Of note are Zenith Café on the South Side and Quiet Storm in Garfield, both relatively easy bus rides from campus and offering 100 percent vegetarian menus.

Just because the food is vegetarian doesn't mean it isn't still good. "We're friendly to meat-eaters, too," said Elaine Smith, owner of the Zenith Café.

Additionally, affordable vegetarian meals can be purchased at most of the food trucks on Margaret Morrison Street. Sree's Foods and Open Flame Foods offer vegetarian entrees, and tofu can be substituted for meat at the other trucks.

However, both Heller and Saalbach-Walsh agreed that dining is changing on campus for vegetarians.

"Things certainly seem to be improving compared to when I was a student," Heller said.



J.W. Ramp | Photo Editor

Evgefstos! is one of the newest additions to Carnegie Mellon's campus that makes being a vegetarian at college a little less hard and a bit more delicious.

Green fare

Looking for veg-friendly places to eat off campus? Here are a few local favorites, all of which are reachable by bus from Carnegie Mellon:

Zenith Vegetarian Café 86 S. 26th St. 412.481.4833. www.zenithpgh.com.

Off the beaten track but one of Pittsburgh's best-kept secrets, Zenith's menu is 100 percent vegetarian and vegan friendly. The restaurant is open Thursday through Saturday but is most known for its Sunday brunch, which includes a full meal, coffee or tea, and a lavish buffet including salads, breads, and a whole table of vegan cakes. The wait can get long on Sundays if you don't get there early, but the restaurant is less crowded on weekdays.

Quiet Storm 5430 Penn Ave. 412.661.9355. www.quietstormcoffee.com.

Quiet Storm is a coffee shop and restaurant offering organic, fair trade coffee and an extensive 100 percent vegetarian menu. A nice place to get a meal or just hang out with a book or a laptop, Quiet Storm is open Monday through Friday. The restaurant also has a Sunday brunch, which can get crowded rather quickly. Catering, take-out, and delivery options are also offered.

China Palace 5440 Walnut St. 412.687.5555

Hunan Kitchen, one of the most veg-friendly restaurants in Squirrel Hill, has been absorbed by China Palace in Shadyside. However, you can still order from their extensive menu of fake meat and vegetable-based Chinese food, and some of the best brown rice you can find in the 'Burgh.

The East End Food Co-op 7516 Meade St. 412.242.3598. www.eastendfoodcoop.com.

Although somewhat far from campus, the East End Food Co-op is a food market that offers an array of organic groceries and locally grown produce hard to find in other places. In addition, the Co-op's café and juice bar is 100 percent vegetarian and organic, and is a great place to eat lunch or grab a meal to go.

Whole Foods 5880 Centre Ave. 412.441.7960.

In addition to the generally organic and responsibly produced groceries, Whole Foods also has a café with an outstanding salad bar and a number of vegetarian options.

Make Your Mark Artspace and Coffeeshop 6736 Reynolds St. 412.365.2117.

Make Your Mark offers a 100 percent vegetarian menu with free wireless. The entire establishment is non-smoking.

Orchids International Vegetarian Restaurant 4519 Centre Ave. 412.688.8383. www.orchidsrestaurant.com.

Orchids claims to specialize in Chinese, Mexican, Italian, and American vegetarian foods but is mostly an Indian restaurant. The menu is 100 percent vegetarian.

People's Restaurant 5147 Penn Ave. 412.661.3160.

Not 100 percent vegetarian, but very good Indian food. Meals are half-priced between 4 and 6 p.m. and 9 to 10 p.m. every weekday.

Abay Ethiopian Cuisine 130 S. Highland Ave. 412.661.9736. www.abayrestaurant.com.

Pittsburgh's only Ethiopian restaurant. Not 100 percent vegetarian, but features a number of vegetarian or vegan menu items.

Trader Joe's 6343 Penn Ave. 412.363.5748.

Trader Joe's does not have a cafe but does feature a free-sample bar that's good for a quick pick-me-up while shopping. It's a great place to shop for pre-packaged vegetarian items such as snacks and frozen entrees. Much of the food is responsibly produced and affordably priced to boot.

Eat Unique 305 S. Craig St. 412.683.9993

Minutes from campus on S. Craig Street, Eat Unique is not 100 percent vegetarian but offers a wide array of vegetarian sandwiches, soups, and salads.

Star performer

Artist Andrea Fraser kicks off lecture series

Performance artist Andrea Fraser began the fall season of the School of Art Lecture Series. The lecture became an artistic venue itself, with Fraser slipping in and out of various roles. She spoke broadly about her entire body of work, including one of her most famous pieces, *Museum Highlights* (1989), a performance where she posed as a museum tour guide offering fake museum tours, focusing on common objects other than the artwork.

Likewise, Fraser spent time touching on her later works, which solidified her standing as an avant-garde artist. For example, her 2002 video performance *Untitled* questioned the relationship between a buyer, the artist, and a piece of artwork as Fraser turned an act of arranged sex into the artwork itself. Her performance was a commissioned act of prostitution, recorded in a hotel room as a silent film with one stationary camera angle. It raises questions about where the line should be drawn between pornography and art, and about a female’s role in her artwork.

Fraser’s artwork has been classified as “art in context,” as well as “institutional critique,” the latter of which is a questioning of the physical means and methods that surround and support artwork. And yet, many of her pieces maintain a level of satire. A video piece entitled *Little Frank and his Carp* (2001) is a reaction piece to the audio tour of the Guggenheim Museum in Bilbao, Spain. In this performance, Fraser begins to lift up her dress, exposing her rear, as she rubs one of the walls of the Guggenheim’s grand entrance (as was suggested in the audio tour). *Official Welcome* (2001), a piece that is (to Fraser’s dislike) posted on YouTube, mimics and combines the speeches given at an artists’ reception of an award. In this speech, she identifies herself as not being a person, rather an object in an artwork — an idea that provides insight to her work on a broader scale. The performance climaxes with Fraser stripping off all her clothing and parading around the podium, and it ends with her crying for the sake of her artistic career.

Time and time again, Fraser’s work pushes the envelope. Through performance, video, and installation, she continuously questions the origins and support surrounding her work.

Schedule of lectures:

Jennifer and Kevin McCoy. Kresge Theatre. Tuesday, Sept. 25. 5 p.m. Artists who work in sculpture and video that question the structure of thoughts and the influences from certain media.

Mona Hatoum. McConomy Auditorium. Friday, Sept. 28. 7 p.m. Mixed-media artist who blends political overtones with a level of poetic expression.

Martin Kersels. Kresge Theatre. Tuesday, Oct. 2. 5 p.m. Artist working in sculpture, audio, photography, and performance.

Nina Katchadourian. Kresge Theatre. Tuesday, Oct. 9. 5 p.m. Artist working in a broad range of media including photography, sculpture, video, and sound.

Rochelle Steiner. McConomy Auditorium. Tuesday, Oct. 30. 5 p.m. Curator who has organized numerous public art projects as well as the exhibits of many acclaimed and rising artists.

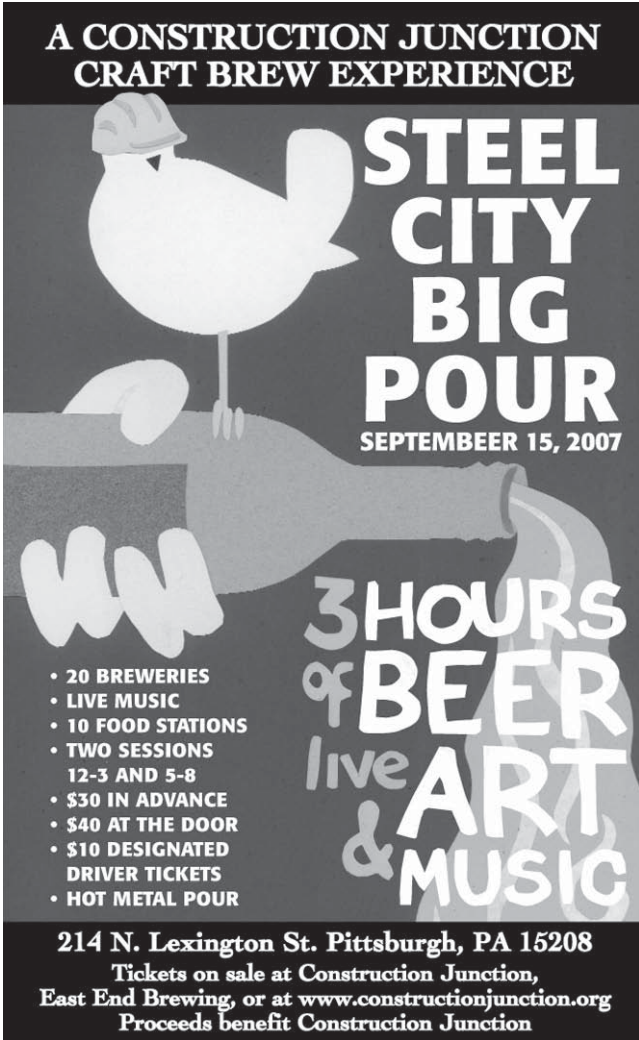
Rachel Whiteread. Carnegie Lecture Hall, Carnegie Museum of Art. Tuesday, Nov. 6. 6 p.m. Artist who creates large-scale sculptures by casting commonplace objects and relating their presence to the surrounding spaces.

Ken Rinaldo. Kresge Theatre. Tuesday, Nov. 13. 5 p.m. Artist who creates interactive installations through the use of robotics and other mechanical processes to play on the differences between organic and inorganic creations.

Osman Khan. Kresge Theatre. Tuesday, Nov. 20. 5 p.m. Artist and Carnegie Mellon professor who uses technology in the creation of site-specific artworks and interactive installations that question the viewer’s understanding of identity and communication.

Trenton Doyle Hancock. Kresge Theatre. Tuesday, Dec. 4. 5 p.m. Artist who uses painting, printmaking, drawing, collage, and sculpture to create narrative works of art that illustrate a battle of good versus evil.

Julia Kennedy | Junior Staffwriter



Did you know?

100

Sept. 18, 1907

The Tartan publishes the senior schedule. Imagine taking a class called “Railroad Design.” Then again, imagine railroads — do they still make those?

50

Sept. 24, 1957

The basement of Margaret Morrison, now known as the home of the exclusive “design cluster,” was once a *shooting range*. Proof: A blurb alerts readers that tryouts for the Tech Rifle Team will be held in said location. I guess they didn’t have video games in the 1950s.

25

Sept. 7, 1982

An article on the *front page* tells of The Tartan’s six awards from the Pennsylvania College Press Association. With all of our 21st-century modesty, Tartan writers of the present would be sure to push that information — at least to Page Two.

10

Sept. 2, 1997

A student is caught walking away from the University Center with a plastic “Bathroom Closed” sign in tow, so says Crime & Incident. Maybe he just wanted his roommate to give him some privacy.

5

Sept. 9, 2002

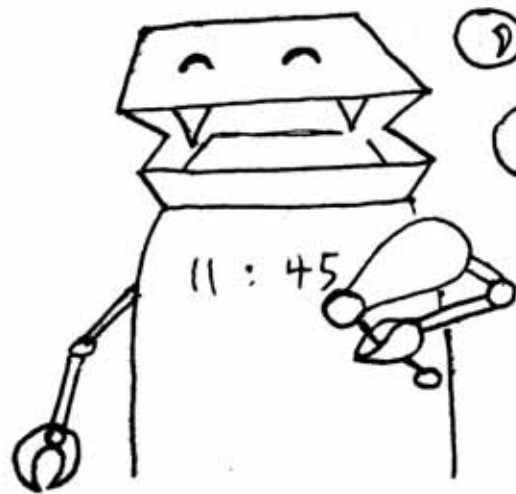
The Pillbox feature tells of a new class offered by Campus Police called Rape Aggression Defense (RAD). According to the article, the classes give tips on being aware of your environment in addition to teaching martial arts. Mace is not mentioned — but then again, neither is crushing the assailant between your thumb and forefinger, which is my self-defense method of choice.

1

Sept. 11, 2006

Remember when Facebook added its News Feed and the entire world seemed to be coming to an end? A Tartan writer says what we all need to hear: Calm. The. Hell. Down.

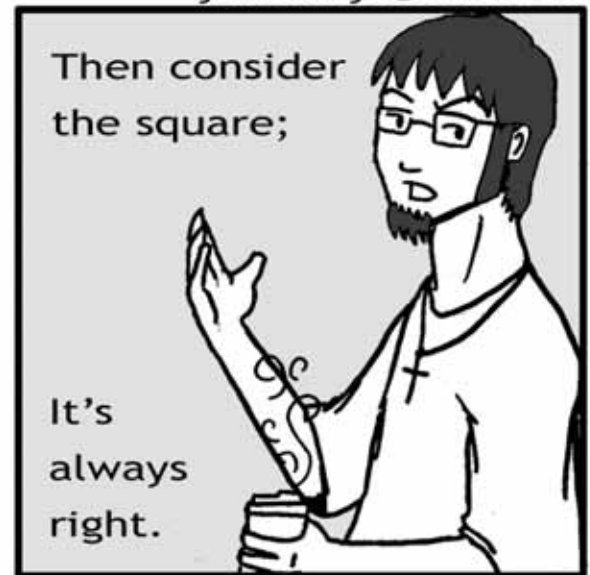
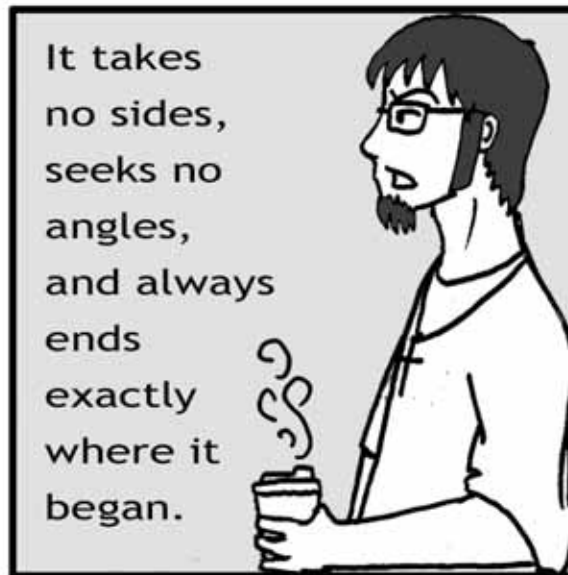
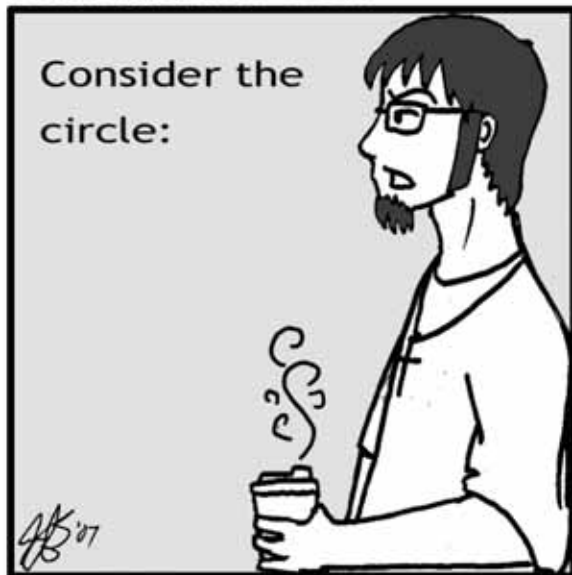
Sarah Mogin | Pillbox Editor



The smell of
 o Palmolive dishsoap
 o reminds 11:45 of
 o bubbles on a summer
 afternoon. He still doesn't
 like washing dishes, though.

All Hail the Jon

jttheninja@cmu.edu



Untitled.dwg by Grace Whang

gwhang@andrew

1st YEAR



2nd YEAR



3rd YEAR



NOW



THE EVOLUTION OF X-ACTO CUTS
 THE ARCHITECTURE EDITION

Horoscopes

aries

mar. 21–apr. 19

You will win the lottery or you will win another's heart.

taurus

apr. 20–may 20

You will develop an allergy to your favorite food.

gemini

may 21–jun. 21

The mailman will accidentally give you a little kid's birthday card filled with cash.

cancer

jun. 22–jul. 22

A bird will fly in front of you to allow you to see its last breath.

leo

jul. 23– aug. 22

Your pockets will be overflowing with lint and you won't be able to find quarters for your laundry.

virgo

aug. 23–sept. 22

You will experience a growth spurt; you will grow 3 inches taller by the end of next week.

libra

sept. 23–oct. 22

Your face will make it into a very important newspaper but you will never know it.

scorpio

oct. 23–nov. 21

A greenish cloud will follow you home and tease you but never rain.

sagittarius

nov. 22–dec. 21

The circus will come to town and request your personal assistance.

capricorn

dec. 22–jan. 19

You will win the mayor's race as long as you sign up for the race.

aquarius

jan. 20–feb. 18

You will look into the mirror and notice you look just like a baby and everyone will treat you as one for a few days.

pisces

feb. 19–mar. 20

Every time you cross the street, a beautiful stranger will ogle you from afar.

Michael Mallis | Junior Staffwriter

Married to the Sea



Hello. I'm calling to inquire about a possible internship with your company. Do you have any intern positions available?



Yes, but I'm afraid we just have one position, and it requires that you have a comprehensive knowledge of Transformers, the children's toy.



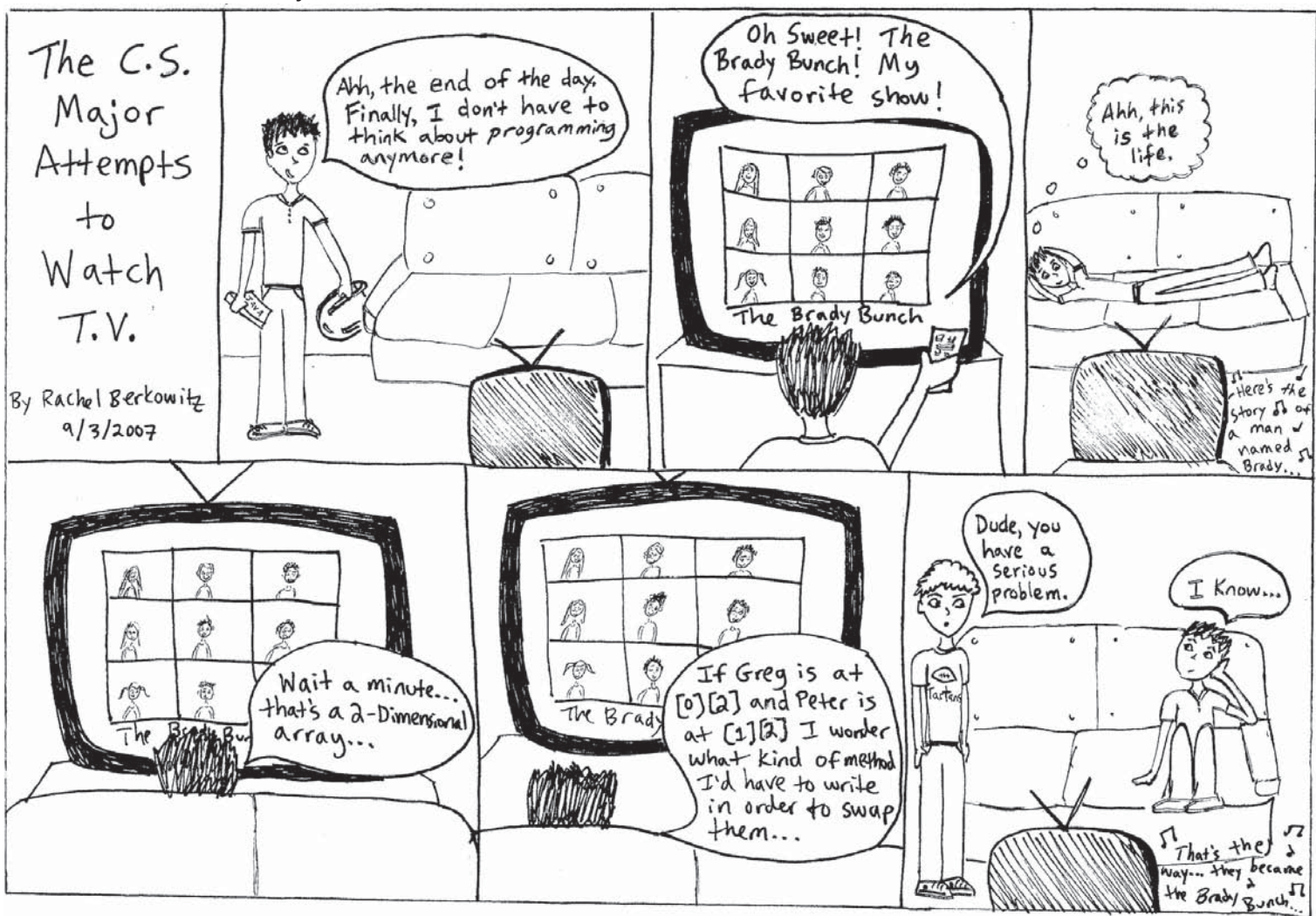
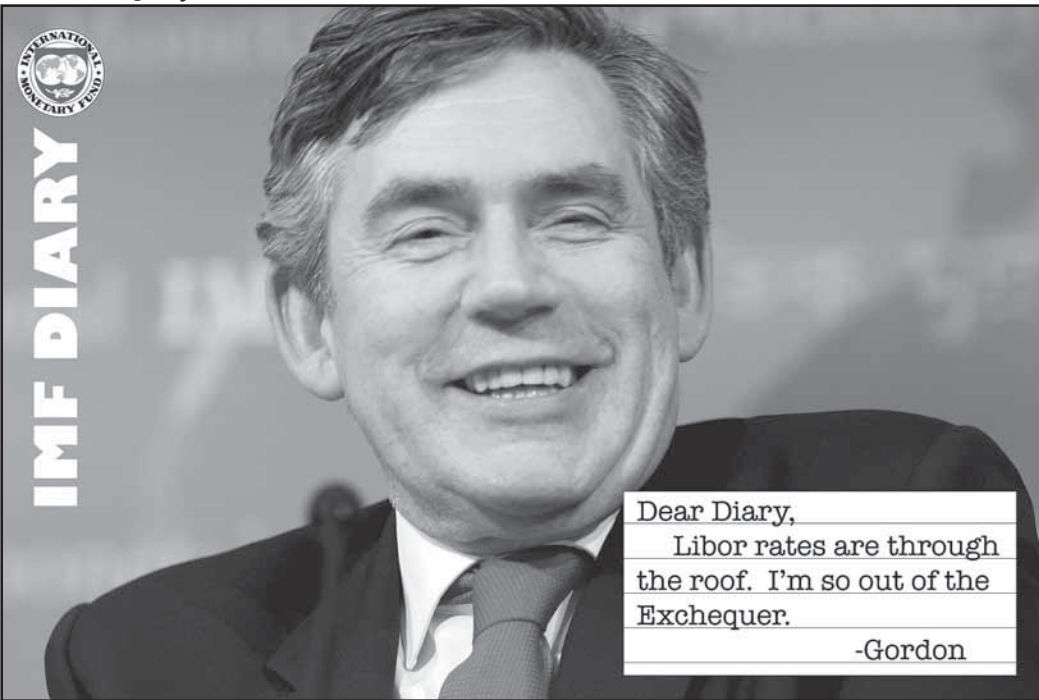
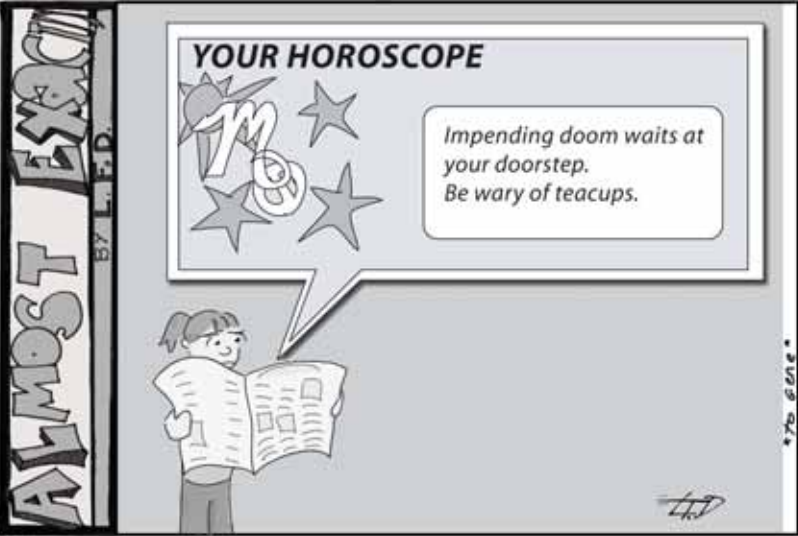
I'll take it! How many of my Transformers should I bring?

www.marriedtothesea.com

**Interested in submitting?
Want to have your work published?**

Here's your chance!

Become a part of The Tartan
COMICS STAFF
contact comics@thetartan.org



Sudoku

Difficulty: easy

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

Difficulty: hard

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

Play online, including a bonus puzzle, at
<http://www.thetartan.org/comics/sudoku>

Solutions to last issue's puzzles

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

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

Crossword

1	2	3	4	5		6	7	8	9		10	11	12	13
14						15					16			
17						18					19			
20						21				22	23			
				24					25					
26	27	28					29							
30					31	32					33	34	35	36
37				38		39					40			
41					42					43		44		
				45						46	47			
48	49	50	51					52						
53							54					55	56	57
58						59	60				61			
62						63					64			
65						66					67			

Courtesy of www.bestcrosswords.com

ACROSS

- 1. Scores
- 6. Distasteful
- 10. Locks up
- 14. Smith's block
- 15. Soft cheese
- 16. Eldest son of Noah
- 17. Mouthlike opening
- 18. Bristle
- 19. River in central Switzerland
- 20. Type of melon
- 22. Objects from everyday life
- 24. The Tower of Pisa does this
- 25. One that knocks
- 26. Uphold
- 29. Greek god of war
- 30. Boast
- 31. Incarnation
- 37. Wash
- 39. Great age
- 40. Not once
- 41. Pertaining to Australia
- 44. City in western Nevada
- 45. Ancient Greek coin
- 46. Merited
- 48. Craftsperson
- 52. Mongolian desert
- 53. Injured
- 54. The study of forces in motion
- 58. Mid-month times
- 59. Low in pitch
- 61. String quartet instrument
- 62. Male parent
- 63. Minerals
- 64. Conjunction
- 65. Party-thrower
- 66. Not any
- 67. Male deer

DOWN

- 1. Deep wound
- 2. Not fooled by
- 3. River which flows through Stratford in England
- 4. Position of notoriety
- 5. Killer
- 6. Norwegian dramatist
- 7. Ship's company
- 8. Equipment
- 9. Longed for
- 10. Sir ___ Newton was an English mathematician
- 11. Blackboard crayon
- 12. Strange and mysterious
- 13. Sully
- 21. Matron
- 23. Reddish dye
- 25. Basic monetary unit of Sweden
- 26. "Dancing Queen" quartet
- 27. German Mrs.
- 28. Solid oils
- 29. Bubbling
- 32. Breakfast fruit
- 33. Hilarity
- 34. Level
- 35. Hawaiian goose
- 36. Stepped
- 38. Uneven
- 42. A place of destruction
- 43. Inert gas
- 47. Calculating device
- 48. Imitative
- 49. Electromagnetic telecommunication
- 50. Rows
- 51. Atlas feature
- 52. Wanderer
- 54. Woodland animal
- 55. Hip bones
- 56. Overfill
- 57. Juniors, perhaps
- 60. Division of geologic time

MONDAY 09/10/07

"The Daily Grind: Making Fair Trade Coffee a Reality." Adamson Wing, Baker Hall 136A. 4:30 p.m. 412.268.8677.
Pop City Live. New Hazlett Theater. 6:30 p.m. E-mail rsvp@popcitymedia.com. 412.358.0344.

TUESDAY 09/11/07

Big Red Comedy Show. Affogato Coffee Bar. 7 p.m. Free. 412.761.0750.
Film Kitchen. Melwood Screening Room. Reception at 7 p.m., movies at 8 p.m. 412.682.4111.
Best of the 'Burgh. Funny Bone, Station Square. 7:30 p.m. \$8. 412.281.3130.
Carnegie Mellon Philharmonic. Carnegie Music Hall. 8 p.m. 412.268.2383.

WEDNESDAY 09/12/07

All-Pro Wednesday. Funny Bone, Station Square. 7:30 p.m. 412.281.3130.
Bring Your Own Brain (BYOB) Series. Baker Hall 154R. 12-1 p.m. 412.268.5279.

THURSDAY 09/13/07

Live at the Square Happy Hour. Market Square. 5:30 p.m. 412.232.0751.
The Looking Glass: Exhibiting Photographers Respond. Silver Eye Center for Photography. 7 p.m. 412.431.1810.
Adamson Visiting Writers Series. Adamson Wing, Baker Hall 136A. 8 p.m.
Eymarel. Shadow Lounge. 9 p.m.-2 a.m. 412.363.8277.

FRIDAY 09/14/07

A Night in Budapest. Gypsy Café. 8 p.m. 412.381.4977.
UC Fridays. Kirr Commons. 4:30-6:30 p.m.
UC Late Night. Kirr Commons. 9 p.m.-1 a.m.

SATURDAY 09/15/07

Walk to D'Feet ALS. Pittsburgh Zoo and PPG Aquarium. Registration 7:30-8:45 a.m. Walk starts at 9 a.m. 800.967.9296.
Duke of Ribs. Free. Union Project. 11 a.m. 412.363.4550.
The Steel City Big Pour. Construction Junction. 12 p.m. 412.243.5025.
Artist Talk: Christo Braun. Elan Fine Art Gallery. 3 p.m. 412.749.0427.
It's My Party and I'll Die If I want To! Green Room, Funny Bone, Station Square. 7 p.m. \$20.
Chelsea Handler. Byham Theater. 8 p.m. \$28.50. 412.465.6666.
Four Singular Sensations. Heinz Hall. 8 p.m. \$39-130. 412.392.4900.
Bach & the Baroque — Bach's Christmas Cantata. Heinz Chapel. 8 p.m. \$10 for students. 412.361.2048.
Dining for Diversity. Space Pittsburgh. 9-11 p.m. \$25. 412.325.7723.
UC Late Night. Kirr Commons. 9 p.m.-1 a.m.

SUNDAY 09/16/07

"Pittsburgh Glass: History in a Grain of Sand." Senator John Heinz History Center. 1:30 p.m. \$10. 412.454.6373.

MONDAY 09/17/07

"It's Time to Act: The Reality of Climate Change." Adamson Wing, Baker Hall 136A. 4:30 p.m. 412.268.8677.
Constitution Day Commemoration. Posner Center. 5:30-7 p.m. 412.268.8677.

Want to see your event here? E-mail calendar@thetartan.org.

Classifieds

Efficiency in Munhall \$410 All Utilities Included — Main Bus Line — Contact: 610-937-9520

Spring Break 2004- Travel with STS, America's #1 Student Tour Operator to Jamaica, Cancun, Acapulco, Bahamas and Florida. Now hiring on-campus reps. Call for group discounts. Information/Reservations 800-648-4849 or www.ststravel.com.

Academic neurosurgeon in Pittsburgh seeking research assistant (preferably premedical student) with strong writing skills. Assistant will derive multiple publications and clinical experience through position. Please call Raymond Sekula, MD at 412-725-5500 or my assistant, Shelly at 412-359-4810.

Need Passenger going West (Phoenix). Departing Pittsburgh September 20 for Phoenix/Tempe. Seeking Passenger. Contact bradgelder@gmail.com or call 412-337-5541 ASAP.

Sunnyledge Hotel and Outdoor Cafe of Shadyside Presents: Tuesday and Wednesday CMU Martini nights. Faculty,

Staff, and students over 21 welcome. \$6 fish bowl martinis/Small Plate specials w/CMU ID. Dine and Drink at the Martini Bar or Outdoor Cafe Serving Lunch, Dinner, Tea, Sunday Brunch, and Bar Menu. Private Events and Cocktail parties welcome. www.Sunnyledge.com. 412-683-5014.

New, bright, secure apartment in landmark Victorian house (Calliope House) in Manchester at 1414 Pennsylvania Ave. Easy access to major roads. 3 rooms + kitchen and bath; 11 skylights, washer/dryer, dishwasher, air conditioning, deposit, references, \$475/month + electric. 412-323-2707; 412 322-4393.

2 Ben Harper tickets - Friday, Sept. 14th Benedum Center - Orch. LC Row M, Seats 33, 35 - sell for face value = \$102. Call 412-337-2352.

1 Spring Break Website! 4 & 7 night trips. Low prices guaranteed. Group discounts for 8+. Book 20 people, get 3 free trips! Campus reps needed. www.StudentCity.com or 800-293-1445.

INTERNSHIP Carlow University Communications and Community Relations. Internships are available

in media/public relations and printing services at Carlow University. For more information about internship opportunities, please call 412-589-2091.

Full-time position available for individual to work with teen peer education program focused on sexuality education and pregnancy prevention. Individual will facilitate and schedule peer education and other program presentations as well as actually deliver peer education programs. Requires high school diploma or equivalent. Must be able to present reproductive education programs to large groups, and work with and be accepted by pre-teens, teens and adults from diverse backgrounds. Valid driver's license and transportation required. Please send resume to: Adagio Health, Resume Box - 552, Attn: Ellen, Kossman Bldg., Forbes & Stanwix, Suite 1000, Pittsburgh, PA 15222. Equal Opportunity Employer.

Seeking responsible babysitter for 7-year-old girl, after school. Car & references required. O'Hara. 412-781-3132 (evenings), 412-523-9655 (cell).

PITTSBURGH SYMPHONY ORCHESTRA
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Tuesday SEPT 18 • 8:00pm

The Pittsburgh Symphony Chamber Orchestra joins in the year-long Pittsburgh celebration of glass with a spectacular concert on the same stage that hosted the Pittsburgh Orchestra's first concert in 1896. The program includes Mozart's Adagio and Rondeau for Glass Harmonica, featuring the rare instrument invented by Benjamin Franklin, and Beethoven's popular Symphony No. 1.

Join us before the concert at 7pm for a free tour of the *Viva Vetro!* Glass Alive! exhibit at Carnegie Museum of Art. Don't miss your chance to see this stunning showcase!

Andrés Cárdenes, CONDUCTOR
Carolinn Skyler, GLASS HARMONICA SOLOIST

CALL 412.392.4900
FOR TICKETS TODAY!
www.pittsburghsymphony.org

TICKETS
START AT
\$19!



DOROTHY HAFNER, AURORA, 1995, THE CORNING MUSEUM OF GLASS

iDesign.



Olga Strachna | Photo Staff

Holy Mac! Designer and class of '99 alum Freddy Anzures lectures Thursday in Margaret Morrison about his work for Apple: He spent three years designing the iPhone in a team of six and also designed Apple's desktop dashboard icons. Anzures's lecture was part of the School of Design Lecture Series.