Suresh warns of innovation deficit

BRIAN THOMAS
Assistant News Editor

Last week, President Suresh Suresh joined more than 100 university presidents in signing a letter urging Presi- dent Obama and members of Congress to restore federal funding for research and educational purposes.

The effort, which was also supported by the Associa- tion of American Universities (AAU) and the Association of Public and Land-grant University (APLU), urged the government to close the inno- vation deficit.

According to the open let- ter, which is available to read at innovationuniversity.org, uni- versity leaders from schools including Cornell University, Brown University, Boston University, Tulane Univer- sity, University of California Los Angeles, Case Western Reserve University, Yale Uni- versity, and Washington Uni- versity in St. Louis signed the document.

University leaders as well as the AAU and APLU are concerned about cuts to fed- eral investments in research and higher education at a time when other nations are pouring resources into these areas. According to the Inno- vation University website, “These leaders believe the nation needs sustained investments in research and higher educa- tion to develop the ideas, people, and innovations that power the nation’s econo- mic engine and that the U.S. must maintain its role as global leader.”


iTunes app available for CMU alerts

Small gave thoughts on environmental impact of fracking


The webinar, “Oil and Gas Production: Fracking, Risks, Op- portunities & Risks,” focused on the challenges and oppor- tunities presented by the rela- tively new process of natural gas extraction from shale.

According to the webinar’s description, “The discovery of vast resources of natural gas eBooks in shale plays across the country has both trans- formed the energy debate in the U.S. and created an enormous controversy. The process of extract- ing natural gas from shale, known as hydraulic fracturing or fracking, creates large volumes of air pollution, social, and economic climate. Fracking also presents many opportuni- ties for growth in natural gas energy production through extraction of the remaining recoverable, unusable natural gas de- posits.”

The description for the webinar expands, “Although the oil and gas reserves in the shale formations represent huge potential to provide a source of energy, as well as a walleay area of construction, engineering and production jobs, those who work in the industry have great responsibility to ensure that drilling, extraction, and production of natural gas and oil are done without causing harm to property or to the environment, particularly the water supply and air quality.”

Panel moderator, associate ed- itor of Engineering News Record, Madelyn Miller, said, “The discovery of large oil and gas reserves in the United States has changed and transformed the nation’s energy landscape. The upper parts of the shale formations represent huge potential to provide the nation with its energy needs, as well as a walleay area of construction, engineering and production jobs, those who work in the industry have great responsibility to ensure that drilling, extraction, and production of natural gas and oil are done without causing harm to property or to the environment, particularly the water supply and air quality.”

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Late Night begins semester with bingo

Carnegie Mellon University’s Open Field Entrepreneur Fund (OFEF), administered by the Carnegie Mellon University Center for Innovation and Entrepreneurship, awarded $250,000 to four startup companies.

The fund, established by alumni and creator of the Flip Video camera Jonathan England and his wife, Marti Glenn, helps the next generation of entrepreneurs make the OFEF possible,” she said. “In the past 15 years, over 300 companies and 5,000 jobs have resulted from Carnegie Mellon’s entrepreneurial campus culture. The companies receiving funds this year are Lumator; NetBeez; QuintMD, LLC, ToolCloud; and Vibrados. “It is exciting to see our young alumni creating such exciting companies,” said Lenore Blum, co-director of the Center for Innovation and Entrepreneurship.

“These companies are based on years of cutting-edge research and bring real-world solutions to everyday problems and challenges.”

The OFEF provides $95,000 in matching investment to each recipient. Recipients also gain access to other funding sources, receive personalized mentoring, and attend an annual OFEF business workshop.

Mentors assigned to each recipient will include select Carnegie Mellon alumni who have themselves been successful entrepreneurs, in addition to mentors from faculty and Ph.D. candidates who are business and entrepreneurial professionals.

CMU’s OFEF funds five startup companies

Kandhik Dayal, an associate professor in the mechanics group of Carnegie Mellon’s civil and environmental engineering department, recently won the Leonarda Da Vinci Award from the American Society of Civil Engineers.

Dayal received the award for his research on the interactions between material and electromagnetic that has potential applications for energy storage and generation.

“I’m delighted to receive this recognition of our research into the behavior of electromagnetic and electro-mechanical materials at the nanoscale,” Dayal said in a university press release.

Dayal is looking to create smaller batteries with higher energy density and faster recharge times than those currently on the market.

Dayal’s research focuses on energy storage, which could have important applications for intermittent power sources like solar energy, which is produced during the day but not at night.

Dayal’s research is funded by the Army Research Office, the Air Force Office of Scientific Research, and the National Science Foundation.

“This is a great recognition for an innovative researcher who is making important contributions to [the] modeling of materials critical to renewable energy systems and other technologies,” David A. Dzombak, head of the department of civil and environmental engineering, said in a university press release.

The Leonardo Da Vinci Award was established in 2011 and recognizes young researchers early in their careers for promising developments within the field of engineering mechanics and mechanical sciences with specific relevance to civil engineering.

In 2012, Dayal received the Army Research Office Young Investigator Award, the Air Force Office of Scientific Research Young Investigator Prize, the National Science Foundation Career Award, and the Embry Research Chair Award for Young Faculty.

Complied by BRIAN TRIMBOLL

Greek organizations host social barbecue

Carnegie Mellon’s Greek organizations hosted a barbecue on the Greek Quadrangle Sunday afternoon. The barbecue was designed as an introduction to campus Greek life for first-year students and others interested in joining a fraternity or sorority.

The first Late Night event of the year was bingo in the University Center Kirr Commons. Prizes included apparel and other gifts from the Carnegie Mellon Store.

Source: www.weather.com

Weather

TUESDAY

High / Low
82 / 71

WEDNESDAY

High / Low
81 / 68

THURSDAY

High / Low
83 / 65

FRIDAY

High / Low
82 / 63

SATURDAY

High / Low
81 / 65

Contributions & Clarifications

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

Research seeks federal funding

Talk illuminates fracking risks

CMU helps digitize Pittsburgh Jewish newspaper archives

A movement started in recent years to digitize documents from the past in order to preserve an area’s history. Leading an effort to secure local history, Carnegie Mellon contributed to the digitizing of Jewish newspapers through the Pittsburgh Jewish Newspapers Project. The project contains a digital archive of various Jewish newspapers in the Pittsburgh area, some dating to more than 100 years ago.

The official website of the Pittsburgh Jewish Newspaper Project explains that the archive contains various Jewish publications, including the Jewish Courier, the American-Jewish Outlook, the Jewish Chronicle, and a weekly publication by the Young Men and Women’s Hebrew Association of Pittsburgh.

Head of archives and digital library initiatives Gabrielle Michaelis spearheaded the six-year-long project.

According to an article in the Jewish Chronicle, the Pittsburgh Jewish Newspaper Project is “a digital archive documenting daily life in the Pittsburgh Jewish community from 1895 to the present.”

Joy Braumiller, director of the National Center of the Jewish Federation of Greater Pittsburgh, said, “I think it’s phenomenal, and I’m glad that someone is taking the initiative to do this. I think it will be an interesting and valuable resource, from the academic perspective ... to laypeople or individuals who want to look at the history.”

“I know that they’re doing this as a digital resource, which is fantastic to see that people can go online and look at it, and I’m incredibly supportive. If you see a graduate student, you would find this to be absolutely invaluable. Same for someone doing their own genealogy, by looking at their family’s history and people searching for their family’s roots,” Braumiller added.

According to its website, the Pittsburgh Jewish Newspaper Project is a collaboration between Carnegie Mellon University Libraries, the David Shoenberg Congregational Archives, the B’nai Jeshurun Archives at the Suzanne Ahl Heinz History Center, and the Jewish Chronicle of Pittsburgh.

“The Jewish newspapers in Pittsburgh cover not just local events but national and international news for a long period of time,” Rodel Shalom archivist Martha Berg said in an interview with the Jewish Chronicle. “They really give a wonderful depiction over time of a community as it grows and changes, and they’re very valuable to that.”

The project was aided by contributions from the Jewish Federation of Greater Pittsburgh, the Philip Chosky Charitable Educational Foundation, and donations to Carnegie Mellon in memory of Henry Pomer Jr.

SAFETY, from A1

Talk illuminates fracking risks

The second workshop, Small said, included items of the existing capacity to meet governance challenges, shale gas governance in other federal systems, and the potential roles of non-governmental entities in fracking governance.

After Small, the webinar turned to Tony Leff, industrial sector director of the Roosevelt Business Group, and Stuart Kantor, national practice leader in the environmental and infrastructure consulting and management company AH- CAES. The event was sponsored by United Rentals.

Additional Information

For more information about Fracking, visit:
http://greenpeace.org/usa/campaigns/fracking/

For more information about the program, visit:
http://culturalpolicy.cmu.edu/programs/2013-14-concert-series/
Researchers take on complicated privacy policies

Astronomers discover distant blue planet

A deep blue sphere the size of Mars has been discovered orbiting a star about 3000 light-years away. This planet is similar in color to the planet Saturn, but unlike the gas giant, it has a rocky core.

Along with the contributions from the astronomers, computer scientists can learn to create systems that can retrieve information from consumers in the form of user interfaces or browser add-ons that can read the safety of websites with color codes or letter grades — almost like a nutrition label.

Privacy engineering is becoming an increasingly important field, particularly because people who write these policies tend to be software engineers. Carderighi is leading a new master’s degree program that has developed.

“The long-term hope is that information becomes easier to digest, compared with other fields, and that is the reason people read them. A lot of people engage in those discussions on social media, just not in those terms.”

Steve Wyslouch

In a recent study, researchers have discovered that dolphins communicate with each other using clicks and whistles.

Scientists produce edible meat from cow shoulder cells

A five-ounce burger was created using living human cells from the shoulders of cows. The development of this technology is coming feasible. However, in the past few years, with 3-D printing, some of these kinds of technologies and applications that are in the same area, will be able to make a mark on the world.

Researchers look into evolution of the X chromosome

The X chromosome has been studied in detail, but it is not known how it evolved. The X chromosome in female is duplicated, so we now know about the X chromosome.

Sequences have long times — in particular, it has successfully prevented small mammals. Several months after the lab team at Cornell Uni-

Live tissue and organs produced by 3-D printers

3-D printing has gained increasing popularity in recent years. Scientists have used 3-D printing to create organs for the home recently.

Dolphins respond to unique sounds of their own name

It is true that dolphins communicate with each other using clicks and whistles. However, a new study has shown that dolphins actually respond specifically to whistles associated with each other in the same way a human being does when hearing the name calling their name.

That part of the brain, often used for naming in mammals and studied that there is a list of unmarked genes between the human X and mouse X, indicating that the X chromosomes may have undergone evolution.

The Tartan

A food dehydrator can be used to create dried foods, such as mangoes and papayas.

A recent study conducted by Cameron McNeil, a Fordham University law professor, a range of policies, individuals are supposed to answer these privacy questions, such as who can see one's addresses or shares information.

People who write privacy policies tend to be software engineers. Carderighi is leading a new master’s degree program that has developed.

“One fundamental aspect of privacy is that people are supposed to have control over what happens to their information,” said Norman Saad, a Carnegie Mellon professor of computer science. He is the leader of the Uniday Privacy Policy Project, a 42-month, $3.75 million-sponsored by the National Science Foundation whose goal is to improve internet privacy.

Websites are supposed to let users inform when they update these privacy. These privacy policies should answer consumers' questions about the policies that can be freely found on the web.

In recent interviews, McNeil would estimate it would take 200-300 hours for a person to read privacy policies for every website they visited in a month.

Another study conducted by Marjorie McNeil, Professor in computer science and public policy; Trasimi Acquisti, associate professor of computer science and public policy; and Alessandro Acquisti, associate professor of computer science and public policy; investigated the willingness to change one's privacy regret.

One direction that this research is taking is combining the study of privacy policies with the study of large-scale social networks. The machine learning that can be used to infer the privacy policies in order to extract information from.

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Privacy engineering can then be presented to consumers in the form of user interfaces or browser add-ons that can read the safety of websites with color codes or letter grades — almost like a nutrition label.

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Scientists make discovery in field of synthetic biology

When moving through a bustling crowd, you probably think about how much more efficiently you could get to your destination if you were the only one there. While this train of thought might make sense with regards to daily life, researchers at Carnegie Mellon have found that crowding within a cell actually increases its efficiency.

The study was led by Choussong Tan, a Late Post-doctoral Fellow and a Branco Weiss Fellow in the Lane Center for Computational Biology. The research team also included Russell Schwartz, professor of biological sciences; Philip Russell Schwartz, professor of mechanical engineering and biological sciences; Marcel Bruchez, associate professor of biological sciences and chemistry; and Sanyam Saumya, a doctoral student in chemistry. Their article was published in the journal Nature Nanotechnology.

With hopes to offer new therapeutic treatments for disease and new energy sources in the form of biofuels, the field of synthetic biology is unsure if crowding can enhance the gene expression in a cell. In other words, having more stuff in a cell may create faster circuits to turn on and off certain genes. Tan and his group wanted to see if molecular crowding could increase the efficiency of gene expression by looking at the effects of molecular crowding on gene expression in cells.

In the field of synthetic biology, scientists have been trying to create synthetic cells. These cells are pieces of technology that act similarly to the natural cells, whose genomes — the blueprints of life — can refer to carbohydrates, proteins, and nucleic acids. In most living cells: molecular crowding does indeed improve the robustness of cellular mechanisms and development — are entirely created in a laboratory. The point of creating these systems is to mimic the information present in a cell. For example, if a researcher wanted to know the effects of a cancer drug on one particular gene, the cell would only include the genetic information needed for that protein and basic cellular function. These artificial cells, however, lack a phenomenon common in most living cells: molecular crowding.

Tan and his team specifically looked at the effects of molecular crowding on gene expression in cells. In their experiments, the researchers utilized a bacteriophage — a special kind of virus that infects bacteria — called T7. The researchers manipulated the molecular crowding in the phage and then studied the impact on the expression of a particular gene. They accomplished this by using different sizes and densities of inert polymers in environments similar to the artificial cells. Larger, denser polymers were meant to mimic a crowded environment. Inert polymers are made up of multiple subunits and are nonreactive.

The results showed that molecular crowding does improve the robustness of gene expression in living cells. More efficient gene expression occurred in the tri- als with the larger polymers. Furthermore, the group found other ways to increase the efficiency of gene expression by changing the concentration of certain ions in their experiment. The group’s study provided new information that may help bioengineers develop better synthetic systems that combine effects similar to molecular crowding. “Our findings underscore how scientists could harness these mechanisms of natural cells to their advantage to control synthetic cellular systems, as well as in hybrid systems that combine synthetic and natural cells,” Tan said in a university press release.

A bacteriophage, shown above, is a kind of virus that infects bacteria. Tan and his team utilized the bacteriophage T7 in their experiments on molecular crowding.
Campbell: Computing services is officially transitioning all un-dergraduate and graduate e-mail accounts to Google Apps this fall. Not all students will receive their new e-mail accounts on Sept. 16, while upperclass students will receive theirs the following week. It is simple to receive this service using their current e-mail ID and password and there are numerous scheduled times during which Computing Services will be available to answer questions.

Moving to Google Apps is an ex-cellent decision by the university, but it must be heavily advertised to the student body before the transition occurs. Currently, only one email alert was sent.

To become perfectly honest with you, I am writing to you today because computing services is offering to move all e-mail services to google apps. The decision to move to the google apps platform is an excellent one by the university, but it must be heavily advertised to the student body before the transition occurs. Currently, only one email alert was sent. Moving to Google Apps is an excellent decision by the university, but it must be heavily advertised to the student body before the transition occurs. Currently, only one email alert was sent.

In an attempt to reach a younger audience, LinkedIn recently cre-ated University Pages — official profiles for universities on LinkedIn. Through the website, users will have access to a database of 200 univer-sities and more than 2.3 million alumnus — on LinkedIn. These profiles will include information about alumni, recent events and updates. Companies can recruit them through grade-also share events and updates. LinkedIn will keep you updated and provide new opportunities for students to connect. According to Computing Services, the move to the google apps platform is an excellent one by the university, but it must be heavily advertised to the student body before the transition occurs. Currently, only one email alert was sent.

University Pages is a great ex-ample of how to involve alumni, but these pages bring little information about the university. The pages do not provide in-formation about popular majors, although this information is often already present on university websites or student forums such as College Confidential. LinkedIn does offer the option to post updates to the school during the beginning of the previous year. However, the types of companies and jobs that are listed do not seem to be related to the university's offerings. However, this seems to be the fault of the company rather than the system itself. Companies should be encouraged to use this feature to provide even more information about their offerings.

Additionally, University Pages is valuable in that it provides students with opportunities to connect with alumni and other students. However, the type of information that is provided is not necessarily relevant to the university's offerings. It seems to be more of an advertising platform than a service for students.

In the end, it is clear that the move to Google Apps is an excellent decision by the university, but it must be heavily advertised to the student body before the transition occurs. Currently, only one email alert was sent.
Videotape training won’t cause change

2013 MARCH

Recently, Allegheny County dis- trict attorney Stephen Zappala an- nounced that Pittsburgh police will take videotape training regarding when citizens are allowed to video- tape the force, according to the Pitts- burgh Post-Gazette. This program appears to have been prompted by recent incidents in Pittsburgh and across the nation regarding police officers’ responses to citizen video- taping of their actions.

It is unlikely, however, that this relatively new curve alone — without any punitive measures for police of- ficers who stray from the guidelines — will solve a problem that is na- tionwide in scope: Police harassing people who have videotaped them.

In fact, when everyone has a cell phone and an equirement to docu- ment every aspect of their lives, it is no wonder that recordings of police encounters have become more frequent since the 1990s, when the videotaped beating of Rodney King stirred riots and national contro- versy. Although no video has created the same level of sporadic days, these recordings, often react negatively and sometimes even forcibly when they reveal misconduct.

For instance, Anthony Graber, a Maryland police officer, acknowledged in January that a state trooper in whose presence he cut off Graber while holding a gun in plain view, had performed an illegal cut-off of an encounter with a state trooper in which the trooper cut Graber off in an unmarked vehicle and yelled at him while building a gun in plain clothes, according to The Magazine. Graber’s name was never released, nor was Graber himself arrested. There have also been other instances where police officers have used threats or harassment on those who have videotaped them.

It is important to note in these cases that on-camera encounters have taken place in a public space, where there is little or no expectation of privacy. The citizen who was recorded in these spaces, it would be very unlikely that the person behind the camera would have been aware of being recorded and charged with some infraction.

There are some instances in which officers have even been caught in keep-aspects of police work private. For instance, in a drug bust against a gang, police who are identified can become targets of that gang.

However, police are often caught on camera in everyday situations that have been horribly misused. For example, in one viral YouTube video, a New York Police Depart- ment officer is seen shooting a bi- cycle to the ground. The officer, who claimed the bicyclist collided into him, was thrown off of the bike. In these cases, amateur videos can serve to check police power.

The harsh police response to instances of videotaping serves to protect the force. Perhaps, for them, this is just the price they are willing to pay in order to minimize hostility toward their respec- tive departments. It may serve them well, then, how truly effective any punitive measures for police of- ficers would be to this end. More disturbing, however, is the implica- tion that the police are altering their power as protectors of the public to the extent that they are using such tactics as an intimidation tool.

In other instances, amateurs have been shown to face false enforcement due to their values in investiga- tions and trials. Video recordings have often been used to find law- enforcers, such as the Boston bomber from last April.

Police often react approximately to amateurs when it is their own wrongful actions that have been caught on camera. There have been some small attempts — from both courts and municipal governments — to protect the rights of citizens videotaping police, but not much action has been taken in response. The Allegheny County district attorney aver- sept. is embattled not enough to prevent cases in which police ha- been charged or they are demanding that a sign that is becoming problematic being removed. Xiyu Wang (sophomore) is a reporter for The Tartan.

Undoubtedly all over the world will return from summer jobs, research fellowships, and intern- ships this week. One summer intern, however, will not.

Morris Erhan, a 21-year-old law en- force in beef at London Bank of America, stated in a 2013 police report: “I left his house on the early evening of August 15. The cause of his death is currently unknown, but Erhan re- portedly worked 72 hours straight without sleep, according to Reuters.

Financial internships are as com- petitive as the other internships, and they are demanding. According to The Guardian, a fellow intern of Erhan said that interns typically needed to work 15 hours a day. Some interns often voluntarily work overtime — working long hours, they believe, is the way to improve their business and move up. However, working overtime for 84 hours a week will result in a $22,000 a week salary and a $1,000 a day salary.

Thus, many college graduates do not want to be working long hours, they are looking for a better future. Moritz Erhardt, a 21-year-old fi- nance intern at Morgan Stanley in Manhattan, currently unknown, but Erhardt re- gan that it was a staff member who installed them for security this fall. It must also be noted that there is a whole series of buttons that can be reached with sacriﬁcaries, a higher posi- tion, a bigger house, a faster car; in short, some kind of status they feel less safe. While the presence of armed guards that many have sug- gest the meters is a welcome alternative to their future. Although, the inefﬁciency of de- per offer the same protection as the armed personnel. The introduction of panic but- tons may have been a welcome alternative to armed guards in a country in which camera-wielding officers make up 25 percent of the police force in Afghanistan.

The panic button idea was ﬁrst introduced in the 1970s, but it has only gained momentum in the last 10 years. As early as the 1970s, panic buttons were installed in six schools in Peel region, the city of Mississauga, Ontario.

The concept is that if the person behind the camera would have not talked him out of his deadly course, he may have been able to change the exploitative cul- ture of their chosen field, but they are able to change the exploitative cul- ture of their chosen field, but they are able to change the exploitative cul- ture of their chosen field, but they are able to change the exploitative cul- ture of their chosen field, but they are able to change the exploitative cul- ture of their chosen field, but they are able to change the exploitative cul- ture of their chosen field, but they are able to change the exploitative cul- ture of their chosen field, but they are able to change the exploitative cul-
Steelers team evolves, strives for improvement

Last season was a rough one for the Pittsburgh Steelers. The team went 8–6–0 and missed the playoffs for the third time since quarterback Ben Roethlisberger’s rookie season in 2004. As expected, the Steelers made several off-season moves to get the team back to its winning ways. Nearly every position on the team experienced major changes in an effort to improve. Big Ben is still firmly entrenched as the starter, but his backups have changed dramatically. Bruce Gradkowski spent the last two seasons in Cincinnati backing up Andy Dalton. While Gradkowski hasn’t started a game since his 2010 season with the Oakland Raiders, he represents a big upgrade over Byron Leftwich. Unfortunately, the Steelers’ roster changes are on the offensive side of the ball, with the defense holding on to its veteran depth.

The main loss was backup safety Will Allen, who signed with the Miami Dolphins. Last year, running back Rashard Mendenhall was rehabilitating a torn ACL suffered during the regular season and was quickly out of the lineup for most of last season. By that time, backups Isaac Redman and Jonathan Dwyer had combined to deliver a solid game even while battling injuries of their own. The Steelers went 0–6–0 with Mike Tomlin in charge during the regular season and 3–0–0 under Mike Tomlin’s transition to head coach. Despite a poor regular season, they still managed to make the playoffs after holding on to their division title during the final weekend of the regular season.

The most noticeable difference between this year’s offense and last season’s offense is health. The same five linemen started for Pittsburgh in their 30s, the Steelers still have a great group of linebackers with great depth at either position, the Steelers didn’t lose much in their secondary. The main loss was backup safety Will Allen. Mike Adams missed the entire season-ending injuries. Going into this season, the Steelers are still without Keenan Lewis and Cameron Heyward are all returning and hoping to build on one of the few bright spots left from last season.

A number of guys should give Big Ben the best chance to out distance his second-year quarterback. With Plaxico Burress and Hines Ward now on the roster, the Steelers didn’t lose much in their secondary. The main loss was backup safety Will Allen. Mike Adams missed the entire season with an ankle injury, and second-year quarterback Mike White missed much of the season with a torn ACL suffered during the regular season. The Steelers still have a solid group of linebackers with depth at every position, the Steelers didn’t lose much in their secondary. The main loss was backup safety Will Allen. Mike Adams missed the entire season with an ankle injury, and second-year quarterback Mike White missed much of the season with a torn ACL suffered during the regular season.

Women’s golf team created

XESK SMITH
Editor-in-Chief

It was announced last spring that Carnegie Mellon will be developing their first women’s golf team this fall, the first time in University and be affiliated with both the NCAA as well as the WPIAL. The only real worry for Pittsburgh is keeping these veterans healthy since their last start. The defense’s starting line against conference and division rival Cincinnati is healthy. Corner Ike Taylor and nickel back Keenan Lewis are all returning and hoping to build on one of the few bright spots left from last season. The Steelers’ linebacker corps has been one of the strengths in recent years. Unfortunately, the Steelers’ roster changes are on the offensive side of the ball, with the defense holding on to its veteran depth.

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Summer albums
This season’s standout releases are noted, ranked, and reviewed • B4

08.26.13 Volume 108, Issue 2
Comics

Cheesy jokes, scared animals, and spying — this week’s comics have them all.

Dollar Movie

AB Films presents two acclaimed feel-good movies in McConomy Auditorium this weekend.

Advice

Everything you need to know about impressing the world and sniffing out body snatchers.

Summer albums

This series of short reviews ranks the standout musical releases of summer ’13.

Roads of Arabia

The Carnegie Museum of Natural History whisks visitors away to the sands of Arabia.

Comedy

This year’s Orientation comedy show featured two well-received but very different comedians.

Rogue Legacy

Even seasoned gamers must be prepared to grapple with this summer release.

Orientation

This photo collage captures the color and excitement of this year’s Orientation.

PSO

Though currently on tour in Europe, the world-class orchestra gears up for its new season.

Baths

The electronic musician’s beautiful falsetto masks dark lyrics in his new release, *Obsidian*.

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regulars...

3 Advice

Everything you need to know about impressing the world and sniffing out body snatchers.

7 Dollar Movie

AB Films presents two acclaimed feel-good movies in McConomy Auditorium this weekend.

11 Comics

Cheesy jokes, scared animals, and spying — this week’s comics have them all.

...diversions...

3 Puzzles

Warm up those brain cells before the classes get too crazy.

7 Horoscopes

Some advice for your first week here, or your first week back from summer break.

11 Calendar

Consult this week’s calendar for arts and culture happenings on and off campus.
Obsidian is dark, depraved
Morbid lyrics characterize electronic musician’s new album

There’s something very sumptuous about death and decay when Baths sings about it. Then again, everything sung by the electronic musician (real name Will Wiesenfeld) in his jaw-dropping falsetto is like an aural dessert. On Obsidian, it’s served up with existential angst and homoerotic imagery — and it’s delicious.

Perhaps “angst” and “imagery” are understatements. The first lines of the album, on “Worsening” — a track that manages to simultaneously cleanse the soul and tear it asunder — are, “Birth was like a fat, black tongue/dripping tar and dung and dye/slowly into my shivering eyes.” That’s not angst. That’s downright macabre.

Also, homoerotic imagery would imply a degree of subtext, of poetic nuance involved in the telling. The chorus from one of the most catchy tracks, “No Eyes,” goes like this: “And it isn’t a matter of/if you need it/But it is only a matter of/come and f*** me.”

Putting the two tracks together, you get “No Past Lives”: “Lodged in the rectal wall of agony/hell is our only home.” Kinda heavy, right? But Baths somehow makes it easy to listen to.

Needless to say, Wiesenfeld grew bold for his debut studio album, Cerulean — as hauntingly beautiful as it was — now seems like it was a wall in the rectal wall of agony/hell.

Right around the time he was supposed to start making the album, Wiesenfeld got E. coli. According to Pitchfork, he spent weeks unable to do anything but sleep, go to the bathroom, and play Skyrim. The frustration and helplessness he felt during that time undoubtedly aided in creating Obsidian’s lyrics and soundscape. Perhaps they were even the driving force.

Listening to Obsidian is like meeting up with a stranger in a park at night and having the best sex of your life. It’s dirty, sensual, and incredibly frightening. After a while, though, you become accustomed to the darkness. You become resigned to the fact that your soul is just as unsalvageable as everyone else’s, that deep down you really do want this. And you transform into a creature of the night.

Electronic musician Will Wiesenfeld, better known by his stage name Baths, somehow makes macabre lyrics sound beautiful in his new release, Obsidian.

Evan Kahn | Copy Manager

Advice for awkward people
About making an impression and body snatching

Dear Patrick,

It’s the first day of class, and I want to make a good impression on all my friends and these new people. How do I prove to everyone I became totally cool over the summer and am not the same dorky dweeb I was at the end of spring?

Thanks,
Goals Of This Time Approaches: Become Excellently Fantastic, Require Encores, Seriously Hawt

Dear GOTTA BE FRESH,

The best way to show the masses you have reinvented yourself is to change your look in numerous drastic ways. If you had hair in the spring, shave it all off. Grow a beard (even if it’s patchy), and if you can make designs with it you absolutely should.

Change up your wardrobe: start wearing vests, get new shirts with sassy phrases or topical or ironic logos on them, put on as many accessories as your body can support, and be sure to include a hat. I recommend top hats, but the Carnegie Mellon go-to is the fedora.

You should not, under any circumstances, ignore your craving for self-definition and instead try to be the best person you can be. You should not try to hold engaging conversations to get to know someone better. And you should absolutely not embrace yourself for who you are.

Embrace the quirky side, Ryan “Definitely Patrick Hoskins” Black

Dear “Patrick,”

I thought you graduated? How is it that this column is still running? ARE YOU REALLY PATRICK??

Thanks,

Incredulously Nagging, Very Attentive Seeker
In/Of Nearly Official Freelance Thespians, Has Everybody Overtly Digging, Yet Sure
Nihilistic Aliens Trample Creative Humans, Earning Required Supplies

Dear INVASION OF THE BODY SNATCHERS,

I can assure you that, though the original author of this column is no longer writing it, good hands have picked it up and will continue this great piece of periodical advisement for at least a while. I cannot promise a perfect transition, and I cannot promise the same quality or type of responses Patrick gave, but I will attempt to keep the spirit of Advice going.

I’m definitely not an alien stealing Patrick’s literary body in preparation for a hostile takeover in the coming months. Definitely not.

You’ll be the first to go, Ryan “Apparently NotPatrick Hoskins” Black

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

Evan Kahn | Copy Manager
Summer 2013 produces solid releases
Standout works include albums by Braids, Julia Holter, Washed Out, and Zola Jesus

Washed Out – Paracosm

When talking about summer music, there’s no better place to start than with Ernest Greene, better known by his stage name, Washed Out. With his early EPs, High Times and Life of Leisure, Greene set himself up as chillwave’s poster boy, and four years later, his aesthetic remains much the same on this month’s release, Paracosm.

On Paracosm, Greene adds new textures to his already layered, reverb-laden sound, with birds chirping in the opening track and sounds of laughter and clapping later in the album. The album also has a greater focus on percussion, a refreshing change from 2011’s Within and Without. Standout tracks from the new album include “It All Feels Right,” the album’s first single; “All I Know,” which spotlights an upbeat positivity that is sometimes missing from Greene’s nostalgic sound; and “Paracosm,” a swirling track that makes it easy to forget the world around you.

Although he doesn’t push any boundaries with this one, Greene produced yet another solid summer soundtrack that will certainly come in handy when we need a gentle reminder that everything will be okay. Rating: 3.5/5

Julia Holter – Loud City Song

Loud City Song is the first album that singer and multi-instrumentalist Julia Holter recorded primarily in a studio with an ensemble of other musicians; most of her first two were recorded alone in her bedroom. The studio setup worked well for her, as the album shows a willingness to experiment with complex sounds, textures, and layers that was missing from her last release (2012's Ekstasis).

It’s hard to pick out the best tracks on this album. With swirling buildups that drop quickly to beautiful moments of stillness, Loud City Song fades seamlessly into the changing tides of daily life. Songs like “Hello Stranger” (a beautiful cover of Barbara Lewis’ 1963 R&B hit) and “This Is a True Heart” embody a quiet, cabaret vibe — while “Maxim’s II” builds into a wild, sinister mix of horns, drums, strings, and Holter’s own haunting whisper.

There’s a lot to say about every track on this album, and the intricacies of Holter’s work reveal themselves only through many close listens. Generally, though, it seems that with this release, Holter has created what is simultaneously her most interesting and most accessible album to date. Rating: 4.5/5

Braids – Flourish // Perish

Montreal-based art pop group Braids took a boldly electronic approach this year, and Flourish // Perish shows the band finding its footing in a new world of electronic instrumentation.

Although there are points on the album where it feels empty without the guitars that were so prominent on the group’s debut, Native Speaker, the electronic backing forces the group to rely on singer Raphaelle Standell-Preston’s vocals for the main melodies. The singer seems to respond well to this challenge, maintaining her signature playful vocals throughout the album. Lyrically, the songs remain as evocative as ever, and even the sillier lyrics — in “Hossak,” Preston sings, “A boy is knocking at my window with a slice of pizza and acid in his tum tum” — have a poignant dreaminess to them.

In some ways Braids’s sophomore album doesn’t live up to its 2011 debut, but when Braids is at its best on this album, it’s at its best ever: The harrowing depth of the latter half of the track “Together” and the buildup of the closing song “In Kind” reward the listener for waiting through the slower sections and show that the group has not lost its driving sound. Rating: 4/5

Other notable releases

Zola Jesus – Versions

As the title suggests, all of the songs on this album (except one) are new versions of previously released Zola Jesus tracks. For this release, Nika Roza Danilova (Zola Jesus) — who performed at Carnegie Mellon in April — teamed up with a string quartet to rework the tracks, and while the strings are an interesting addition, they would make more sense on new compositions.

The one new song on the album, “Fall Back,” demonstrates this perfectly. The song is a fantastic crescendo of strings and drums that builds up to an emotional and moving climax. Danilova’s voice is as beautiful and powerful as ever, but many of the songs featured here — including “Seekir” and “Vessel” — were better the first time around. Rating: 3/5

Edward Sharpe & the Magnetic Zeros – Edward Sharpe & the Magnetic Zeros

The Los Angeles-based group’s self-titled third EP offers little that is new or surprising, but the upbeat folk tunes are still nice for a sunny day in Schenley Park. The lyrics and love-above-all-else vibes feel shallow at times, and nothing on this album lives up to past anthems like 2009’s “Home,” but if you need something for the background, this’ll do. Rating: 2/5

Julianna Barwick – Nepenthe

Julianna Barwick — who performed at The Underground in April 2012 — has created another beautifully layered and looped album this year. The singer-songwriter expands her scope here, and allows for a wider range of emotions to come through on the deeply personal tracks. Rating: 4/5

Allison Cosby | Staffwriter
Museum visitors travel the **Roads of Arabia**

Carnegie Museum of Natural History’s newest exhibit explores elusive history of Saudi Arabia

Walking into the *Roads of Arabia* exhibit at the Carnegie Museum of Natural History is like walking into a graveyard: There’s a sudden, silencing chill that momentarily takes you off guard. Standing at the entrance are three solitary stone figurines, their human faces inscrutable, the light casting their long, eerie shadows across the floor.

As the description on a far wall explains, these 6,000-year-old anthropomorphic steles were most likely used for religious or burial purposes. Striking as they are, the steles comprise only a small part of the rich array of rare artifacts used to illustrate the fascinating and elusive history of Saudi Arabia.

As it turns out, *Roads of Arabia* is an apt title for the exhibit: Saudi Arabia’s history is mapped out in roads, which first transported incense for trade and later carried pilgrims journeying to Mecca. Viewers get to brush up on their Arabian history (or start from scratch) with an introductory video — the most useful, yet most easily overlooked, part of the exhibit. Tucked away in a dark, hidden room, the video vividly and poetically explains the human element behind the artifacts and connects the dots between objects and dates that on their own can lose their context.

Though every object in the exhibit is stunning in its own right, a few stand out for their sheer “wow” factor. In a far room of the exhibit stand three larger-than-life Lihyanite statues with human faces and bodies degraded by the elements, somewhat reminiscent of classic Egyptian sphinxes. Aside from their size, there’s something sublime about being in such close proximity to ancient objects.

Despite the majesty of the statues, the most unquestionably stunning pieces are the tombstones from the al-Ma’la cemetery in Mecca. The stones are arranged in rows that emulate a graveyard, creating an air of hushed solemnity as viewers walk from one stone to the other, reading the intricate inscriptions on the markers.

At the end of this short detour, viewers find themselves standing before a formidable set of faded purple, silver-gilded double doors, flanked by a giant pair of golden candlesticks. These massive doors once guarded the entrance to the Ka’ba — Arabic for “the cube” — one of the most sacred sites in Islam, located in the heart of Mecca.

Incredible as they are, these artifacts wouldn’t be half as impressive without the wealth of information the exhibit provides. Between informational videos and labels, *Roads of Arabia* does an excellent job of supplementing the objects on display with rich, meaningful context. Viewers quickly learn that this is not your typical exhibit of prehistoric tools and stone carvings, but rather an exhibit of objects that became instrumental in reshaping archaeologists’ understanding of the Arab region.

In this way, *Roads of Arabia* truly takes the road motif to heart. From beginning to end, viewers sense they are on a journey of sorts; after all, in an exhibit covering a region that saw so much travel across history, it makes sense for viewers to undergo experiences similar to those the exhibit explores — at least on a symbolic level. Though not strictly chronological, *Roads of Arabia* moves fluidly through history, enabling viewers to transport across time in an enclosed physical space. Visitors to *Roads of Arabia* may not be able to help but feel as if they are retracing the footsteps of long-dead Arabians as they walk through the exhibit.

*Rachel Cohen | Pillbox Editor*

*Roads of Arabia will be on view at the Carnegie Museum of Natural History through Nov. 3.*
Comedy show fuses two different styles
First-years favor Rabinowitz’s self-deprecating humor over Barnett’s race-centric comedy

This year’s Orientation comedy show, presented by AB Comedy last Friday, featured two different styles of comedy by two accomplished comedians.

The first half of the show featured Josh Rabinowitz. Rabinowitz’s career in stand-up comedy began in Philadelphia while he was attending the University of Pennsylvania; he now lives in New York City. Since then he has been named one of Comedy Central’s 2011 Comics to Watch, and has performed in various comedy festivals.

Rabinowitz’s awkwardness and shortcomings drove his comedy. He found humor in the sad mediocrity of his existence and in his friends’ often trivial problems, spiced with occasional forays into absurd topics. Rabinowitz was much like a college-age Louis C.K., especially when he opened up about his flaws and insecurities.

Rabinowitz led with a story about his own college orientation, in which he was constantly one-upped by everyone in his group during an icebreaker. Rabinowitz then delved further into his personal failings, recounting how he forced a scientist into an awkward conversation during which he mentioned that he had gone to McDonald’s. This statement prompted the scientist to respond, “Did you get food there?”

He talked about how his hairy chest leads girls who take off their shirt to look betrayed. “I have the face of a 14-year-old and the body of a 58-year-old. I’m like a collage of the least sexy moments in a man’s life.”

Rabinowitz also mused on the concept of “coolness”: He recalled what was considered cool in elementary school, where Lunchables instantly made you friends and Capri Sun was the vodka of the playground.

Other highlights of his act included stories of a friend who humped a microwaved sandwich bag, of generational differences in dating culture, and of men’s sexual preferences.

Rabinowitz ended his performance with an epic tale of how he prank called his alcoholic hockey-player friend and meowed at him while on the toilet, blaming the act on another friend of his. After three painstaking months of keeping this up, he was discovered because he forgot to use a fake name for the Gmail account from which he had sent the prank email.

The second half of the show featured Kevin Barnett, another New York City comic. Like Rabinowitz, Barnett has appeared in various comedy festivals and films, as well as on Comedy Central, MTV, and CollegeHumor.com. He also co-hosts a podcast and created a viral video sensation called “Homo Thugs.”

Barnett’s style of comedy had more bravado than Rabinowitz’s; his humor was more about his wins than his losses. Some of his humor revolved around racism and the African-American experience. His comedy had a faster pace, and consisted of a few long narratives interspersed with one-liners that segued into one another.

Barnett began with a story from his college years, when his friends slipped ecstasy into his drink despite his objections. “What kind of person crumbles drugs into another person’s drink? A good friend, that’s who!”

Barnett exclaimed, recounting how he had a wonderful night after taking the drugs.

Barnett then went on to topics such as free time, the misuse of slang, and the stupidity of children — including stories about stupid kids he had overheard on a train, the joys of farting in a little girl’s face, and the satisfaction of insulting 10-year-olds on Xbox Live.

Barnett’s jokes about racism included a story about how, while shopping for costumes for a costume party, he wanted to buy a wolverine costume that unfortunately had fake claws with white knuckles. He talked about his dream of running through a meadow with long flowing hair “like a white person.”

Barnett also talked about “the n-word” and its power to make things more serious when added to the end of a sentence. At one point, Barnett asked a white member of the audience to use the word in a sentence, which she did with a great deal of hesitation.

Racist or homophobic friends comprised another common theme in Barnett’s comedy. The highlight of Barnett’s performance was his account of one his pranks, which left his homophobic friend Brandon believing he (Brandon) had performed a sexual act on a man.

Barnett also discussed his romantic life: “Girls think that I’m a weirdo creep. I just think it’s more entertaining to creep them out and scare them than to have sex with them.” He ended his act with a description of his ridiculous OkCupid online dating profile.

At the end of the show, the audience seemed to favor Rabinowitz’s misadventures over Barnett’s comedy. “We thought it was really funny,” said first-year saxophone performance major Laurel Beatty, who came to the show with first-year mechanical engineering major Hope Dohner. “I especially liked the first one [Rabinowitz].”

“My favorite story was the ‘meow’ one,” Dohner added, referring to Rabinowitz’s last story.

Some people seemed uncomfortable with a few of Barnett’s race-based jokes. “The first guy [Rabinowitz] was really good. The second guy’s jokes seemed a bit racist,” said first-year Bachelor of Humanities and Arts student Marianthie Wank.

Regardless of who was the better comic, the show was very much a success, providing a number of light-hearted laughs after the intensity of House Wars.

Xiyu Wang | Staffwriter
It's been a long summer. Or at least, that's what people have told me. I haven't really noticed myself, because the universe of video games has been expanding at a rapid pace. Or maybe it just seems that way because every time I look up from the screen, another six hours have passed.

With Nintendo’s Year of Luigi in full swing, Microsoft still not sure how it wants to present the Xbox One, and Sony leaning back in its chair and making all of the right moves by not making them, one would think that the time leading up to the holiday season would be slow for video games.

But the expected summer doldrum isn’t completely dull. A game has stood out from the crowd, something other than another sequel or an incredibly easy time waster. It tried something new and pushed some boundaries. This game is **Rogue Legacy** for PC, Mac, and Linux.

In most games, one expects to die, at least a few times. Given that the current shift in gaming (well, of the blockbuster variety) is toward a hand-holding approach, this expectation may soon fade away forever. It tried something new and pushed some boundaries. This game is **Rogue Legacy** for PC, Mac, and Linux.

Rogue Legacy tests, torments its players

Summer video game release presents a serious challenge, even for experienced gamers

Written by best friends Ben Affleck and Matt Damon, **Good Will Hunting** is a film about a young Massachusetts Institute of Technology janitor, played by Damon, gifted with extraordinary genius yet struggles to figure out what kind of person he wants to be. While most Hollywood movies about a troubled and misunderstood character fall flat, **Good Will Hunting** manages to be truly heartfelt and entertaining with magnificent performances. Damon proves himself a real actor in this film, bursting with charisma and precocious innocence. Its genuine Bostonian attitude also makes the film irresistibly enjoyable.

**Good Will Hunting**
Friday, Aug. 30 – 7 p.m.
Saturday, Aug. 31 – 10 p.m.

**Dead Poets Society**
Friday, Aug. 30 – 9:30 p.m.
Saturday, Aug. 31 – 7:30 p.m.

Robin Williams showcases his tremendous versatility that spans beyond his comedic reputation, playing a teacher who inspires his students at a prim and proper boarding school through poetry. It’s as powerful as it is uplifting, with a young ensemble of actors and a strong yet sentimental storyline. Director Peter Weir exhibits his own style that can elicit emotions without being artificially effusive in this inspirational film.
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Disney’s THE LION KING
September 3-29 | Benedum Center

SPANK! The Fifty Shades Parody
September 19-21 | Byham Theater

The Rubber Duck Project
Launching September 27

Compagnie Marie Chouinard
Saturday, September 28 | Byham Theater

Nanodances | Kiss & Cry
October 2-4 | New Hazlett Theater

Celtic Thunder
Sunday, October 6 | Benedum Center

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November 20-24 | Byham Theater

The Three Sleuths
Wednesday, November 20 | Benedum Center

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With the beginning of another season approaching fast, you would think that the Pittsburgh Symphony Orchestra (PSO) would be rehearsing away at Heinz Hall in the coming weeks — but actually, these musicians are nowhere near Pittsburgh at the moment. In fact, they’re on a different continent. Music director Manfred Honeck is currently leading the orchestra on the European Festivals Tour, performing 11 concerts in five countries. The PSO has been touring internationally since 1947, and it’s this international status that explains some of the musical gems of the PSO’s upcoming 2013–14 season.

Anticipation for this season is especially high because of recent fiscal events. According to the Pittsburgh Tribune-Review, the PSO’s deficit nearly tripled over the last fiscal year, presenting major concerns for the orchestra’s future. But in July, a Point Breeze couple donated $1.2 million to fund salary increases for PSO musicians, which should keep the orchestra afloat in an economy that is increasingly unkind to organizations like the PSO.

As usual, the orchestra will start big this season. Last year, superstar pianist Lang Lang opened the season with a bang; this year, the Grammy Award-winning and ever-popular Yo-Yo Ma will start off the year with a predictably explosive performance of Tchaikovsky on Sept. 27.

Yo-Yo Ma is probably the only household name to grace Heinz Hall this season, but the PSO will invite plenty of established talent back to its stage, along with a few lesser-known rising stars. World-renowned violinist Joshua Bell, who performed Bernstein with the orchestra last April, will return in late February to play Lalo’s Symphonie Espagnole. And of course, the orchestra never turns down an opportunity to showcase its own talent; PSO concertmaster and acclaimed violinist Noah Bendix-Balgley will perform Bruch’s Scottish Fantasy with the orchestra in late October.

Soloists aside, the orchestra will also make a few gentle forays into experimental programming; every once in a while the PSO likes to spice things up by presenting a classic piece in an unconventional way. Although the orchestra will default to some solid orchestral classics like Carmina Burana and Mahler’s Symphony No. 9, there are a few more creative programs in the series, such as the orchestra’s performance of Holst’s The Planets in conjunction with a NASA film. This season will also feature a new event, the Mozart Festival — a two-week program co-presented by the Pittsburgh Chamber Music Society and the PSO.

So far, the upcoming season shows promise. The PSO rarely disappoints in delivering world-class performances and inviting renowned soloists, and hopefully this season will be no different.

Rachel Cohen | Pillbox Editor
**Crinkled Comics** by Juan Fernandez

![Comic Strip](image1)

**How many freshmen does it take to change a light bulb?**

![Comic Strip](image2)

**Kiltie As Charged** by Charlie Shulman and Kairavi Chahal

![Comic Strip](image3)

jjfernan@andrew.cmu.edu  crinkledcomics.com

cshulman@andrew.cmu.edu
Making It Better by Doghouse Diaries

I wish I would've known about this meeting. Now, I don't have time to pick up any lunch and I'm starving.

Excuse me sir. Here is your favorite sandwich and a side of potato salad just like you like it.

How the NSA could start slowly making it up to us.

doghousediaries@gmail.com  thedoghousediaries.com
Sudoku Puzzle: Medium Difficulty

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

Kakuro Puzzle: Easy Difficulty

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

 Solutions from May 20

Crossword

Easy Difficulty

Hard Difficulty

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

Kakuro courtesy of www.KrazyDad.com
Horoscopes

aries
march 21–april 19
Fight for the classes you want. Don’t let a silly waitlist stop you from getting in.

taurus
april 20–may 20
You’d rather be traveling this semester — or at least, you’d like to be in a different place. But don’t worry, you’ll get to do it soon.

gemini
may 21–june 21
Try not to get too distracted by that cute guy or girl in your class. Make a move early in the semester.

cancer
june 22–july 22
Something big is going to happen, and it’s going to change you.

leo
july 23–aug. 22
Remember that blog you created and never updated? Now is the perfect time to start writing and stick to it.

virgo
aug. 23–sept. 22
People will come to you for advice. Don’t be afraid to be honest, even though it might come off as rude.

libra
sept. 23–oct. 22
You might be stuck in a class of first-years this semester, but be open minded about it and you’ll make some great friends.

scorpio
oct. 23–nov. 21
Don’t stress too much about the first week of classes; it’ll be a breeze.

sagittarius
nov. 22–dec. 21
Your classes might not seem connected, but try to incorporate what you learn from one class into another.

capricorn
dec. 22–jan. 19
You need to pay extra attention in class this week so you don’t miss something important.

aquarius
jan. 20–feb. 18
It’s only the first week of classes and you’re already so busy, your friends feel left out. Slow down and go hang out with them.

pisces
feb. 19–march 20
Don’t jump too hastily into a new relationship. Spend some time getting to know each other first.

Kairavi Chahal | Comics Editor

Across
1. Corpulent
6. Cancun coin
10. Latin 101 word
14. Aired again
15. “___ Brockovich”
17. Inclined
18. Record
19. Too
20. Produces milk
22. Jaw
24. Name of 12 popes
25. Intervene
26. In and of ___
29. Freelancer’s encl.
30. Spellbound
31. Air
37. Staggering
39. Boat propeller
40. Stun gun
41. Cemetery
44. This ___ outrage!
45. Drum sound
46. Slanted
48. Pure
50. Hill dwellers
52. Salt Lake City hoopsters
53. Install in a position
54. Makers
58. Festive occasion
59. Salt Lake City hoopsters
61. ___ boom
62. Actor McGregor
63. Fix up
64. English architect Jones
65. Actress Sofer
66. Idyllic place
67. Went after

Down
1. Unwritten
2. Second letter of the Greek alphabet
3. Slang expert Partridge
4. Potassium nitrate
5. Involve
6. For ___ sake!
7. Historical chapters
8. Little drink
9. Unity
10. Valuable violin
11. Island near Sicily
12. It’s a plus
13. Tally
14. Aired again
15. “___ Brockovich”
17. Inclined
18. Record
19. Too
20. Produces milk
22. Jaw
24. Name of 12 popes
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62. Actor McGregor
63. Fix up
64. English architect Jones
65. Actress Sofer
66. Idyllic place
67. Went after

Crossword courtesy of BestCrosswords.com
TUESDAY 8.27.13

Geographer with GMRLN. Altar Bar. 7 p.m. San Francisco-based indie rock band Geographer will perform at the Altar Bar. For more information, visit thealtarbar.com.

Martial Canterel with Son of David and Model Human. brillobox. 9 p.m. 21+. Sean McBride, also known as Martial Canterel, is a cold synth musician from Brooklyn, New York. For more information, visit brillobox.net.

THURSDAY 8.29.13

Montgomery Gentry. Stage AE. 6:30 p.m. Montgomery Gentry is an American music duo comprised of Kentucky-born vocalists Eddie Montgomery and Troy Gentry. For more information, visit stageae.com.

Pittsburgh Improv Jam. Cabaret at Theatre Square. 10 p.m. 21+. At this weekly late-night event, professional improvisers take the stage and perform comedic scenes inspired by audience suggestions. For more information, visit culturaldistrict.org.

SATURDAY 8.31.13

Masters of the Universe! Altar Bar. 8 p.m. Pittsburgh-based ska rock band Masters of the Universe! will perform at the Altar Bar. For more information, visit thealtarbar.com.

ONGOING

Teenie Harris: Focus on Hair. Carnegie Museum of Art. Through Sept. 15. This sequel to a previous Teenie Harris exhibit at the Carnegie Museum of Art explores black hair and beauty as examined by the African-American photographer. For more information, visit cmoa.org.

Caldwell Linker: All Through the Night. Andy Warhol Museum. Through Sept. 15. This exhibit presents a selection of photographs by Caldwell Linker, who uses his camera to capture LGBTQ individuals and events and to highlight the richness of the LGBTQ community. For more information, visit warhol.org.

Summer Flower Show. Phipps Conservatory and Botanical Gardens. Through Oct. 6. The Summer Flower Show at Phipps incorporates glass artwork into the gardens, creating a colorful and whimsical fusion of the artificial and the natural. For more information, visit phippsconservatory.org.

Roads of Arabia. Carnegie Museum of Natural History. Through Nov. 3. This exhibit transports visitors to the sands of Saudi Arabia, where recent archaeological finds are redefining our understanding of the region. For more information, visit cmnh.org.

UPCOMING

The Lion King. Benedum Center. Sept. 3 through Sept. 11. The Tony Award-winning Broadway adaptation of the beloved Disney classic will return to Pittsburgh, featuring favorite musical numbers such as “Circle of Life” and Elton John’s “Can You Feel the Love Tonight.” For tickets and more information, visit culturaldistrict.org.

Janine Antoni. Mattress Factory. Sept. 13 through March 30. Margery King, the curator who first introduced Yayoi Kusama to the Mattress Factory, presents the work of multimedia contemporary artist Janine Antoni, who focuses on issues of femininity and the female body. Admission to the museum is free with Carnegie Mellon student ID. For more information, visit mattress.org.

Alien She. Miller Gallery (Purnell Center for the Arts). Sept. 21 through Feb. 16. This exhibit examines the influence of Riot Grrrl, an underground feminist punk rock movement that surfaced in the ’90s, on artists and cultural producers today. Admission to the Miller Gallery is free and open to the public. For more information, visit millergallery.cfa.cmu.edu.

Compiled by Rachel Cohen | Pillbox Editor

Want your event here? Email calendar@thetartan.org.
Artists and art patrons alike flocked to Walnut Street for the 16th Annual Shadyside... The Art Festival last Saturday. **Top:** Artist Cheryll Grogan, who specializes in house portraits, car portraits, and custom charts, stands in front of her work. **Bottom:** Festival patrons browse the art and other goods on view.