Students put personal spin on fashion trends • BLO PILLOW

Kosher dining graces campus
JOSEPH WOLFE
Junior Staff Writer

Carnegie Mellon’s newest dining establishment, the Pomegranate, is an attempt to accommodate students with religious dietary restrictions. However, the push for kosher food products like this semester: For years, the different communities at Carnegie Mellon have pushed for options on the Carnegie Mellon meal plan that meet specific dietary requirements, resulting in many to see the Pomegranate as a first step.

Despite the university’s past record of a high Jewish student population -- 1999’s Hillel Guide to a Jewish Life lists 291 Jewish students, see a dearth of these numbers. Carnegie Mellon sociologist and orthodox Jewish Nathan Oshlag, see a unique opportunity to reflect upon who we are and who we wish to become as a university, is the university ignoring the possibility? Oshlag said. However, the push for kosher food products like this semester: For years, the different communities at Carnegie Mellon have pushed for options on the Carnegie Mellon meal plan that meet specific dietary requirements, resulting in many to see the Pomegranate as a first step.

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Marijuana Possession

A Carnegie Mellon security guard on foot patrol observed multiple individuals using what he believed to be marijuana near the Pit. Police responded to assist and confirmed that at least one of the individuals was in possesion of marijuana. Officers confiscated the marijuana and informed the student that he would be cited.

Alcohol Amnesty

University Police and Campus Safety officers responded to a noise complaint on Beeler Street in reference to a noise complaint. Officers cited multiple individuals for offenses that include underage drinking and disorderly conduct.

Underage Drinking

Three males, one of whom was visibly intoxicated, were observed by a Carnegie Mellon security guard traveling to Mudge House. The security guard reported police assistance to check on the males’ well-being. University Police interroated the three males at Mudge House. Two of the males stated they were assisting to get the intoxicated student to reside. The student was cited for under age drinking.

Vending Machine Theft

Jan. 26, 2013

University Police respond to a noise complaint on the second floor of the Seabury Hall Apartments. Officers found the room occupied by several Carnegie Mellon students. One student was cited for underage drinking. Multiple containers of alcohol found in the room were confiscated.

Underage Drinking

Jan. 27, 2013

A Carnegie Mellon student entered the University Police Station to file a theft report that occurred on Jan. 27-28 between 9:00 p.m. and 2:00 a.m. The theft occurred from Room 200 in the College of Fine Arts University Police station. Officers found no sign of forced entry to the inside of this machine. This investigation is ongoing.

Thief

Jan. 30, 2013

Tepper optimizes Oakland meter parking

Carnegie Mellon’s School of Architecture and the Center for Building Performance and Diagnostics (CBPD) won the National Science Founda tion’s (NSF) 2013 Alexander Schwartzkopf Prize for Technological Innovation for its research and contribution to technological innovation.

The winning team, which consists of Carnegie Mellon architecture professors and researchers, was selected by the Industry/University Cooperative Research Center (I/UCRC) Association Committees.

The Alexander Schwartzkopf Prize is a prize awarded annually to provide the recipient with an opportunity to partner with other leading universities, and also with recognition as an NSF research center so that it may gain access to additional resources.

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The Pennsylvania Governor's Office provided a summer enrichment program for high school students to learn about computer science at Carnegie Mellon (PGSS). This program was held in July of 2013. It selected 60 students from across the entire array of public and private schools in Pennsylvania to develop their skills in computer science. PGSS students worked alongside CMU professors and had the opportunity to learn about a variety of computer science topics. Students were exposed to cutting-edge research and real-world projects, and they also had the chance to network with other students and professionals in the field. The program aimed to enrich students' educational experiences by providing them with hands-on learning opportunities and fostering a community of peers who share a common interest in computer science. The cohort of students who participated in the program was selected through a competitive application process, ensuring that they were highly motivated and passionate about pursuing a career in the field. Students who attended PGSS were able to gain valuable insights into the world of computer science, build a strong foundation for future studies, and develop the skills and confidence needed to pursue their academic and professional goals. Many of the alumni of the program have gone on to pursue successful careers in the high-tech industry, academia, or entrepreneurship, often taking on leadership roles and contributing to the advancement of technology and innovation. PGSS alumni have also been instrumental in promoting computer science education and advocating for greater diversity and inclusion in the field.
Student uses power of grammar to crack passwords

Ashwini Rao, a software engineering Ph.D. student in the Institute for Software Research, recently made impor-
tant discoveries in the field of cracking hashed passwords. The determin-
tant of this work was cracking a log-in password, as it is a well-known, identified gram-
matical structure that may add further security to long passwords.

Generally, there are two types of password attacks: on-
line and offline.

An online attack occurs when the attacker sits at a computer terminal, has a web browser (such as Openbox), and tries to guess a user’s passwords. Such an attack is limited be-
cause once the attacker makes a wrong guess, the account is locked and the user has to contact support services. Thus, in offline attacks, the attacker has the account details and the aim is to crack the password.

Rao has developed an offline attack that deals with hashed passwords in most websites. Each plain-text password has a generated number associated with it — a known length — and that number is the one that is stored. When the data set of hashed passwords is leaked, like what happened to professional networking websites LinkedIn recently, at-
ackers can use this data in an offline attack. This involves using the number of plain-text passwords that a user choose to hash, which is then fed into the leaked hashed pass-
words. If it is a match, they have found the plain-text pass-
word.

Rao’s research has focused on creating a tool for long passwords (16 charac-
ters or more). Commonly, there is a trend toward longer pass-
words, but one of the reasons special characters and numbers tend to just in-
crease the length of the pass-
word is that the number of restrictions you put on the word increases.

First, she built an im-
proved password cracker. Curr-
ent crackers are dictionary based; they have a dictionary where they pull out words (taken from a thesaurus, or dictionaries, or texts, music lyrics, etc.) and “mangling” rules. Such rules — which are algorithms used to determine the hashed word — are not exactly geothermal energy, it’s important to find out what exactly geothermal energy is, it’s no wonder that the world has been turning to geothermal energy as one of their main energy sources.

Geothermal energy has been around since the dawn of civilization. It is one of the most efficient energy sources, but it is also more cost-effective. Geothermal energy is geothermal energy is geothermal energy, is it a renewable, sustainable resource? It is found in regions of the United States and India. Geothermal energy is geothermal energy, geothermal energy is geothermal energy, is it a renewable, sustainable resource? It is found in regions of the United States and India. Geothermal energy is geothermal energy, is it a renewable, sustainable resource?

Rao and the other students on her team looked at a data set of about 1,500 passwords. When users were asked to come up with long passwords without any restrictions, only 10 percent of those passwords had special characters or numbers added. This means that passwords that are expected to be difficult involved their selection of characters and numbers, which are algorithms used to determine the hashed word — are not exactly geothermal energy, it’s no wonder that the world has been turning to geothermal energy as one of their main energy sources.

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Early Career Faculty Award

ECE professor receives Intel Early Career Faculty Award

February 4, 2013 « The Tartan

Mutlu's research focuses on the efficient, resilient, predictable, and secure computer architecture, is part of Carnegie Mellon's DreamLab at Carnegie Mellon University.

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Because of his research focus on computer memories, and his Ph.D. in computer engineering in 2002 from the University of Texas at Austin.

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Besides the Intel Early Career Faculty Award, Mutlu received the Young Innovator Award from the Institute of Electrical and Electronics Engineers. The award comes with a prize of $75,000.

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Mutlu is honored and humbled to receive this award. "I am very grateful to the faculty and students in my research group. I would like to thank all my collaborators to develop functionally parallel computing. The process of computer memories, design, and testing, has been developed by my group. I also want to thank the support and dedication of my colleagues and graduate students, who have worked hard to make this happen." said Ed Schlesinger, head of the department of electrical and computer engineering. The research group is working on designing systems and devices that can improve applications such as DNA sequencing.

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"We are very pleased to receive the Intel Early Career Faculty Award. My group is working on designing systems and devices that can improve applications such as DNA sequencing." said Ed Schlesinger, head of the department of electrical and computer engineering. The research group is working on designing systems and devices that can improve applications such as DNA sequencing.

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"I am honored and humbled to receive this award as I work with my students and colleagues at Carnegie Mellon to develop innovative research and technology that will make a difference in the world." said David Brumley, professor and head of the department of electrical and computer engineering.

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Music-streaming services need to focus on artists

LETTER TO THE EDITOR

Past student talks stress

In response to the conversation sparked by the loss of Henry Armstrong in last week's Forum article, we need to focus on artists' needs as music-streaming services.

The two private-equity firms aim to achieve this at the expense of an artist and music distributor, which means that somewhere, somehow, a piece of the lion's share of money is being taken away from the artist and the consumer.

Music-streaming services need to focus on artists.

A "The Tartan" service. If this were an artist's only income, they need to be re-evaluated due to the misaligned pressure on artists.

Music-streaming platforms, such as Spotify and Pandora, pay the re- cord companies on a per-stream basis. According to The New York Times, the payment artists receive from these companies is 0.0078 cents per stream. If this was an artist's only source of income, it would not be sustainable, according to Harvard Business Review. The dynamic that artists, record companies, and the sources of stress, some students voiced wanting to speak aspects of our community. The students were aware of the changes. So, when students heard from Carnegie Mellon, which would teach students how to have enough time to speak. At the session offered a variety of topics, many students also shared narratives that the Town Hall meeting was highly attended, and it successfully increased community involvement in regards to the stress.

I was taken aback by the lack of individual attention, attend- ing lectures with many times the number of students as there were seats in the room. This was two minutes to end the twinkie. The point is, the Twinkie has had its golden past. (Can Twinkies even get 80 years?)

I road with great interest of the du- ales from the School of Music, who enjoyed a wonderful and grat- ifying career as piano performer and teacher. (Can Twinkies even get 80 years?)

Given how important this dis- cussion and we look forward to what may well be a gradual improvement on a Twinke. Let it limp into its last sunset. Let it set in our back pockets. It even sounds the ban for some of the most ridiculous regimes in American history. (Can Twinkies even get 80 years?)

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Transfer payments are legal form of robbery

Kathleen Crane, Staff Writer

The Carnegie Mellon community has found a new outlet for complaining, trolling, and moving around on the Internet in the Facebook page "CMU Confessions." The page has now over 900 likes and hundreds of posts ranging in length from a short phrase to short stories. Besides wanting to read time posting their own thoughts, some people start online wars by commenting about racism, sexism, and other auras plaguing our campus. Although it’s advisable to care about your peers, posting your opinions on CMU Confessions is a waste of time. You are not addressing the original author of a post, nor do you know the original intent of the post now.

For those of you smart enough to avoid the bad apples, posting on CMU Confessions works in a simple. The person running the page has created an anonymous Google Survey that students can fill out. Barring some very extreme cases, all comments will be posted to the Facebook and Twitter feeds of the account within a few days.

The biggest problem is that anyone can post anonymously, and readers of the page have no idea if they are addressing a fellow student, some random person, or their best friend. This uncertainty is what makes commenting on posts such a colossal waste of time. The Internet is full of websites that are victim to "trolling," defined by urbanspeak.com as "the art of deliberately, cleverly, and secretly posting people off, usually via the Internet, using dialogue." CMU Confessions is a prime example of a page that attracts people who go by just that. Many anonymous posts to the page talk about their day, and even politely, as if racist, sexist, or just plain mean.

This plays to those anonymous posts actually do anything? To my opinion, the answer is no. By getting worked up about posts made anonymously, all you are doing is making someone else’s message more likely to post something that may irritate you.

CMU Confessions should continue to be a place that people feel safe offering their opinions, secrets, or anything they wish to share anonymously with other students. But I don’t think paragraph-length replies are necessary or worthy of anyone’s time. Next time you see a post that upsets you, stop and realize that by posting a large reply, you become the anonymous author of the original post, you are giving that person the satisfaction they crave. Taking a minute and realize it probably more constructive to become involved in an organization that works to end the kind of discrimination that upset you. Use the anger you feel toward these ill-informed and anonymous confessions to do some good.

CMU Confessions definitely isn’t all bad though. The page is full of well-intended compliments, gripes people identify with, and even sto- ries of unrelated love (I’m looking at you, peak-year Italian girl). I go through reading the page a lot or two, and even learning a word or two of encouragement here or there for some- one struggling with their academics, self-esteem, stress, or other issues is definitely a nice thing to do. How- ever, beware of wasting your time when something makes you mad.

Getting into heated arguments will only change the underly- ing problem, and instead perpetuates a cycle of offenses. In the new world of May-Octagons, "If you don’t like something, change it. If you can’t change it, change your attitude. Don’t complain." Instead of complaining about ignorant com- mentators, be proactive and do something about it.

Kathleen Crane (katherson@) is a staff writer for The Tartan.

Comment wars don’t start change
When going to the EOC, it is important to have a strong résumé to make you stand out from all the other candidates. Here are some short, informal guidelines for writing a résumé.

**Building a strong EOC résumé**

**ZANETTA GRANT**  
Junior Staff Writer

**When it comes to making a good first impression, appearance matters.** Carnegie Mel- lon students have a reputation of not caring too much about (supposedly) trivial things like attire. But as job fair re- cruiters are judging students not only by their resumes but also the color of their suits.

**Activities**

In some cases, your ac- tivities might even be more relevant to your actual work experience, and should thus be boldly and centrally placed. You should try your best to list your most relevant activities. For example, if you are applying for a web design internship, list related activi- ties: copy writing, search engine optimization, or visual design experience. In terms of activities which are not re- lated to the position, it is im- portant to highlight activities you can actually speak about.

**Experience**

Here is where your job ex- perience counts. Start from the most recent experience you have and work your way back in time. Include the most important part of your job description for each job you held. For example, “Flipped burgers” (don’t put that on your résumé) is the correct form of verb to use. You should also try to use short phrased lists to make it easier to scan the information. Also note- cies — no one wants to read eight paragraphs about your retail experience.

When it comes to a con- fereee, the choice of shoes is an important one. Don’t pack the stylish, open-toed heels you would wear to a night out. In- stead, go with a sensible pair of pumps. A quick tip: Make sure you are comfortable in your shoes. Job fairs involve a lot of standing and waiting in line, and you don’t want to be con- cerned about the cut of your heels. Also, try to avoid wearing lace or silly camisoles under your jacket. A crisp shirt in a solid color is a much better option — not only is it a safe, conservative op- tion, but it also looks smart.

When it comes to accom- modations, finding the right heels or shoes is really important. Try to be realistic. If you don’t, you could make really silly mistakes. Try to be realistic.

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Wednesday, Feb. 6

Aronne
Adope
American Eagle Outfitters
Anonymous

Hyland Software
HGST
Green Hills Software, Inc.

General Dynamics Advanced Information
Fino Consulting
Factset Research Systems, Inc.
Facebook

Explorys
Expect Labs
Epic
*eBay Inc.

Dropbox

Dolittle & Touche
Dolittle & Touche, or DIT International, specializes in professional services and focuses on a worldwide market. Some of its services include tax advising, consulting, and financial advising.

Indeed.com
Intel Corporation
Intuitive Surgical
IXL Learning

*Knowton

LG Bell Labs Innovations
Life Technologies
LinkedIn

Libra Laboratories
Morton International

McAfee, Inc.
McMaster-Carr

Medallia, Inc.
MemsXl

Microsoft

MIT Lincoln Laboratory

Moldflow, Inc.

Microsoft

Morgan Stanley

National Instruments
National Security Agency

NetApp

NetScout Systems

Next Generation

Oak Ridge Institute for Science and Education

Oracle Software and Hardware Development

Off-Sea, Inc.

Pali Technologies

Piney Brown

PS Solutions

Raytheon BBN Technologies

ReliabilityFirst Corporation

Riverbed Technology

Robert Bosch LLC-RTC

Rockwell Automation

Salesforce.com, Inc.

Samsung Austin R&D Center

Sioda National Laboratories

Sodak

Schlammer

Schlammer is an " skirmish services " company — a company that provides services such as evaluation, testing, and information management to small companies. Schlammer is looking for full-time and internship applicants.

*Sontra, Inc.

Sonnette Consulting

Spot Trading

Synapse

Tandem Vision Science

Target Chip Ganassia Racing

Tea Saloon

The Mathworks, Inc.

The MITRE Corporation

TripAdvisor

Ultimate Software

Union Pacific Railroad

Vermont Victory Media, Inc.

Visual Verification

*VK Technology

VMware

Wayfair

WhiskerMedia

Wolters Kluwer LLC

*Yahoo!

*Zynio

A9
Mike McDermott jumps and vaults to UAA success

The Carnegie Mellon women’s and men’s swimming teams competed at the University of California on Saturday against Pitt. Carnegie Mellon’s men’s team finished second to the Tartans in the 200-yard freestyle, finishing second in the 200-yard individual medley.

Women’s basketball suffers losses away

The Tartans women’s basketball team lost two major conference games over the weekend. The first loss was against Pennsylvania State University in St. Louis Last Friday, and the second one against the University of Chicago yesterday. They are now at 11-9 and 0-13 in their UAA conference record 5-6.

The Tartans went 81-54-5 against the Washington University Bears, 73-57 against the Washington University women’s gymnastics team, and scored the first 10 points of the game, and ranked second in the first half of the game with a score of 40-20 through their late-game comeback, but the Bears ultimately won their game.

In offense, however, the Tartans struggled, dropping 41 points at its maximum. Of those points, 10-23 inches in the shot put. "It was particularly eventful," Mike McDermott said. "It was a great way to start the race, start the season, start the conference." The track season comes to a conclusion as the Tartans took second in the indoor UAA championships last year. The next track team this year was to be second in the indoor UAA championships. McDermott said he was excited about this season as we moved forward.

Mike’s teammates could not agree more. Sophomore business administration major manga Blandis said he was not sure where the finish is. "It was truly unique," Mike McDermott said. "It was a great way to start the race, start the season, start the conference." The track season comes to a conclusion as the Tartans took second in the indoor UAA championships last year. The next track team this year was to be second in the indoor UAA championships. McDermott said he was excited about this season as we moved forward.

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Campus fashion
Get your best fashion inspiration from fellow Carnegie Mellon students • B6
02.04.13 Volume 107, Issue 16
regulars...

3 Advice
Everything you need to know about accidental stalking and plotting revenge.

4 Dollar Movie
AB Films presents three top-notch animated movies this weekend in McConomy.

5 Did You Know?
Did you know that research at Carnegie Mellon explored whether tweets are worth reading?

...diversions

3 Iain M. Banks
*The Hydrogen Sonata* is better suited for longtime readers of the *Culture* series.

4 *LEGO LotR*
The most recent LEGO video game presents an imperfect but compelling digital world.

5 *Hummingbird*
The Local Natives’ newest album incorporates elements from other indie releases.

6 Fashion
Carnegie Mellon students find fashion muses in their peers on campus.

8 Comics
Check out this week’s comics by a Carnegie Mellon alumna.

9 Puzzles
Give these puzzles a shot to keep your brain alert.

10 Horoscopes
Will you get that interview at the EOC? Find out in this week’s horoscopes.

11 Calendar
Consult the calendar for events happening on and off campus this week.
Iain M. Banks is a Scottish author who is renowned for his series of space opera novels about “the Culture.” The Culture is a galaxy-spanning civilization that’s solved most of its problems. Everybody can have any material thing they desire; people can take on inhuman appearances and change sex at will over the course of a month; and for the most part, people only die if they choose to, usually after 400 years or so.

The Culture isn’t populated just by humans: There are also drones — floating sentient robots that glow different colors to indicate their emotions — and the Minds, clever, surprisingly human, artificially intelligent beings that run the ring-shaped space stations and kilometer-long starships that make up the Culture’s territory. To justify living in a utopia, the people of the Culture often help younger civilizations find a way to their level, or at the very least prevent interstellar wars. These interactions are the main focus of the Culture novels.

One of the best things about Bank’s series of novels about the Culture is the undercurrent of inside jokes. The war that serves as the backdrop to the earliest entry in the series is frequently referenced in later books. The ships of the Culture are all given cheeky names: In one book, we meet a ship named Who’s Counting and in another book we meet the Me, I’m Counting — a real treat for longtime readers.

Unfortunately, these inside jokes hold back the latest entry in the series, The Hydrogen Sonata. Most of the previous novels would only be enhanced if you had read the earlier ones, but The Hydrogen Sonata requires them. If you know about the Interesting Times Gang, the Azadian Affair, and the Excession, you’ll likely have a lot of fun with this book, but those unfamiliar with the series will find themselves lost in a maze of references and previously established concepts that aren’t adequately explained in the text itself.

The scenario Banks sets up is pretty exciting. The Gzilt, a civilization on par with the Culture, is days away from ascending to a higher plane of existence. For this to work correctly, nearly all Gzilt people need to agree to do it at the same time, but the happy occasion is threatened by the revelation of an ancient secret.

Our protagonist is Lieutenant Commander Vyr Cossont, a young woman who has grown an extra set of arms to play the titular song on the intentionally complicated string instrument, the “bodily acoustic Antagonistic Undecagonstring.” She has been tasked with discovering the truth about the Gzilt’s past, and does so by contacting a friend of hers, a man from the Culture who has been alive for thousands of years. Standing in her way is a Gzilt politician who wants his society to “Sublime,” no matter the cost.

Banks changes the formula a bit from prior works, with the protagonist being more passive and a Ship’s avatar playing a larger role than most of the humans and drones. The action feels a little clunkier than it did in the previous novel, Surface Detail.

If all this piques your interest, then you’re either intrigued by this world of technical wizardry with godlike machines and people whose main purpose in life is to enjoy it, or you’re already a fan. If you fall in the latter category, you’ll probably enjoy The Hydrogen Sonata, but everybody else should start at the beginning with Consider Phlebas or peruse the two strongest entries in the series, Use of Weapons and The Player of Games.

Justin McGown | Online Editor

Iain Banks’ new sci-fi novel, The Hydrogen Sonata, might lose new readers with its plethora of references to previous books in the series.
Take a LEGO adventure through Middle Earth
Despite bugs, LEGO Lord of the Rings is an enjoyable game with an open world to explore

When LEGO started producing video games with LEGO Island in 1997, it was an exciting moment for video game fanatics everywhere. LEGO’s foray into gaming continued with mostly its own games (i.e., non-licensed material) for the next eight years. Then, in 2005, LEGO teamed up with the British TT Games to create the first of many in a series of movie-based LEGO games, LEGO Star Wars: The Video Game. Fast forward almost eight years, 10 LEGO-themed licensed games, and great strides in every aspect of the LEGO-based game worlds, and we have LEGO Lord of the Rings.

LEGO Lord of the Rings is unlike any of TT Games’ LEGO games released to date. In the first LEGO Star Wars, the player experiences the first three movies (Episodes 1 – 3) in an episodic manner. There is a central hub from which the player selects an “episode” within a movie and plays through it.

LEGO Lord of the Rings, on the other hand, features an almost entirely open world, in which one actually travels across a (slightly smaller) Middle Earth and plays sequentially through each of the three movies. At first, this change seems a bit annoying — more of a hindrance than an improvement. There doesn’t seem to be an easy way for fast travel, and the characters move just a bit too slowly to make backtracking, something that is emphasized in the TT Games’ LEGO games, a viable option.

After further exploration, however, it’s clear not only that there are ways to fast-travel between places, but also that the open world gives the game a bit of a Grand Theft Auto feel: Most of the objects in the world, including people, can be destroyed and will give the player money. The destructibility of the landscape has always been a feature in the LEGO games, but the open world gives a new perspective to it.

In addition to playing through the movies sequentially, TT Games has also managed to nab licensing to the original soundtrack and audio clips from the actual movies themselves. This feature will surely win over Lord of the Rings fans: Although certain scenes were omitted or changed to make the game more kid-friendly, seeing LEGO figurines quoting scenes line-for-line adds new depth to the game. There is nothing more rewarding than riding Shadowfax across the plains of Rohan as a LEGO Gandalf. The voice clips are clearly ripped straight from the movies themselves, so you can pick out certain movie sounds in the background if you try.

While LEGO Lord of the Rings continues the TT Games tradition of backtracking and replaying levels, it is not as repetitive as other games are, thanks to the ability to explore an open world (even though dastardly invisible walls get in the way now and again). There are also a handful of bugs that, if not handled carefully and correctly, result in having to quit the level and start again. The new inventory system could also use a bit of work, as could the awful platforming sections, and there are plenty of fetch-quests, but these are only slight annoyances overall. The game keeps up the usual slapstick comedy and even incorporates a few memes into the game. For example, there’s a wounded soldier who “took an arrow to the knee” in the battle of Helm’s Deep, and there’s an achievement for walking into Mordor.

Overall, LEGO Lord of the Rings is not as polished a game as it could be — though when TT Games is turning out more than one game a year, that may be expected. However, it is by far the most visually stunning and emotionally compelling LEGO-licensed game that exists to date, and it’s certainly worth picking up if you like LEGO or The Lord of the Rings. It’s not game-of-the-year material, but it is good fun, and that’s what a game is supposed to be.

7.5/10 bricks; will beat to completion.

Ryan Black | Junior Staffwriter

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Monsters, Inc.
Thursday, Feb. 7
8 10 12

AB Films begins a week of top-shelf animation with Monsters, Inc. If you ask people what their favorite Pixar movies are, they probably won’t answer with Monsters, Inc. — but if you remind them about it, they will surely gush about its charm and hilarity. Billy Crystal and John Goodman turn in unforgettable vocal performances as two professional monsters who scare children to power their metropolis. This is a movie that’s hard to dislike; it may be Pixar’s most imaginative effort.

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Wreck-It Ralph
Friday, Feb. 8
8 10 12

Many tend to forget that great animation can be made outside of Pixar’s juggernaut studio, and Wreck-It Ralph is definitively proof of this. John C. Reilly voices the titular character, a video game villain who rebels against his archetype and dreams of being the hero. Disney studios produced an imaginative, glorious design, frequently referencing and paying homage to video game culture.

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The Incredibles
Saturday, Feb. 9
8 10 12

The Incredibles is the best flick Pixar has made yet, and it has a strong claim to the best-superhero-movie-ever award. It is at once a family drama, a comedy, a thriller, and an action/superhero movie. Its structure is radical and its villain is almost unthinkable. It’s the riskiest Pixar film — and who does risk better than Pixar? The Incredibles tells the story of a family of superheroes, each with a special power. Relationship troubles and typical family struggles are woven effortlessly into Pixar’s inimitable fantasy and action universe. The animation is bold and insane: Remember the shot of Dash running across the water? This is a movie that’s never worth missing.
Reinventing reverb in rock
Local Natives’ *Hummingbird* reuses indie material

When the Local Natives announced the imminent release of their second album *Hummingbird*, amongst the wild cheers of twenty-somethings in skinny jeans everywhere, two questions arose.

The first question: How would the band function in the studio setting without former bassist Andy Hamm? The Local Natives have had a successful tour and are set to perform at Coachella in April, but how would a more transcendental and less-grounded sound fare against inevitable comparisons to the smash-hit first album *Gorilla Manor*? (Answer: Very, very well. But more on this later.)

The more far-reaching question remains. In 2010, critics at Pitchfork, Rolling Stone, and elsewhere took great pains to compare the Local Natives’ debut album *Gorilla Manor* to every popular indie band out there. And who can blame them? That year was indie rock’s renaissance, with The Black Keys’ *Brothers*, Vampire Weekend’s *Contra*, and Arcade Fire’s *The Suburbs*, which won the Grammy for Best Album. But the fact is that *Gorilla Manor* sounded as if it had taken all the good aspects of every popular indie band and made it into an album — a great one, to be sure, but nothing wholly original.

This is not to say that the Local Natives consciously take ideas from other indie bands and incorporate them into songs like “Bowery” — which, since we’re already talking about comparisons to other bands, sounds like something from a Shins album. Okay, a really good Shins album. But with *Hummingbird*, did the Local Natives create something fresh and new?

Yes, they did — but not in the way you’d expect.

Like many popular alternative rock albums of the 21st century, the Local Natives’ new effort sounds very much as if it were produced in a studio, with an ample amount of reverb on tracks like heart-wrenching “You & I” and dense rock-out session “Wooly Mammoth.” But indie rock is such a vague category, with such a broad spectrum, that there are no telling aspects of the genre: One can only compare certain types of sounds among bands in the genre, and the studio-produced feel of popular albums is one of the few general staples of the modern incarnation of the genre.

The sound in *Hummingbird* is slightly brighter and at times more rhythmically complex than that in *Gorilla Manor*. It’s richer, rounder, more somber, and more subtle. Kelcey Ayer’s vocals ride the tracks like gulls on thermals, proving especially powerful in thickly orchestrated songs like “Black Spot” and “Wooly Mammoth.” However, the band saves the better lyrics for songs where you can actually hear them, like in “Colombia.” But the band’s philosophy has ultimately remained unchanged: Listeners can easily make the same comparisons to Arcade Fire and Animal Collective that they could make with Local Natives’ previous album. And that is perfectly all right.

Much of the new album’s smooth powerhouse aesthetic and sweet production quality can be attributed to the band’s unofficial new fifth member: Aaron Dessner of The National. While not a replacement for Hamm in any respect, Dessner brought some songwriting muscle to the table and, more importantly, helped record and produce *Hummingbird* in his Brooklyn apartment.

**Hummingbird** presents positive proof that, yes, there’s nothing new under the sun. But a band can use that knowledge to their advantage. The Local Natives show that they don’t need to pull the Animal Collective card out and change their sound every album in order to sell out venues internationally.

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Taylor Rice, shown here performing in Minneapolis in 2010, is a vocalist and guitarist in Local Natives.

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Evan Kahn | Copy Manager
Students put personal spin on fashion trends

Runway fashions are adapted to suit Carnegie Mellon’s style, Pittsburgh’s weather

Students at Carnegie Mellon are commonly characterized by their diverse backgrounds and cultures, and this diversity is reflected in the variety of approaches to fashion seen on campus. Despite the number of individual styles, there are certain trends—such as denim skirts and military-style jackets—that most students seem to have embraced and incorporated into their personal styles. Of course, some items of clothing are popular for a reason. However, not only do they seem to be embodied here, but they also are worn in unique ways by Carnegie Mellon students.

**Denim Skirts**

Denim skirts, as previously mentioned, have been around in style since the 1800s. Considered a staple by some, this trend more recently became popular in 2010 and has stayed popular ever since. Denim, or chambray, skirts can be found in a variety of colors or patterns. Urban Outfitters has several, including the B&G Chambray Button Down Skirt, which can be printed with white polka-dots or flowers. To manage walking in the cold weather, many Carnegie Mellon students layer a sweater or cardigan over the denim skirt for added warmth. Longer sweaters, especially those with a cozy cable knit, generally look great with a denim skirt.

Students also tend to wear brightly colored infinity scarves over chambray skirts. The collar of the shirt would be hidden from view, but the denim skirt has the same effect. Some like to wear their denim skirts with bows, but if you want to avoid the denim-on-denim look, opt for a pair of leggings or jeans in a different color.

**Military Jackets**

Prior to the drop in temperature that caused most people to switch to their warm, puffa jackets, the green military-style jacket had been a common choice for many students at Carnegie Mellon. This trend can be adjusted to the colder weather by layering it over warm sweaters. There are several military-style jackets available, a short Forever 21, some of which are embellished with studs and satin lining. These jackets are often paired with either an oversized sweater and leggings or a short dress and heels.

One of the advantages of this trend is its versatility. Complete the outfit with a pair of boot socks that peak out over the top of your favorite boots. Continue the trend with military-style boots, such as the Steve Madden “Cameran” booties, which have been seen all over campus. For someone whose style isn’t as edgy, the jacket, this vest, worn over a large sweater and leggings looks great with a pair of boot socks that peek out over the top of your favorite boots. Another option is the military-style vest, which looks exactly like the jacket but is a vest. These bubble necklaces gained a great deal of popularity toward the end of last year and inspired the statement necklace trend.

The bubble necklace can be found in a variety of colors, and similar necklaces can be found in several locations. Francesca’s Collections in Robinson carries a seemingly endless supply of statement necklaces. Brighten up any outfit with a bubble necklace, which are available in most stores, can add another dimension to an outfit that may initially have seemed boring. If you’re not sure where to start, check out the website modcloth.com to choose from a variety of necklaces.

Some prefer making a statement with simpler necklaces, and such jewelry could be found through the “Rare Bird” shop on Etsy. Some Carnegie Mellon students have been following the Chevron pattern trend, and necklaces of this type, such as the “Geometric Gold Triple Chevron, Necklaces,” are also available at this Etsy shop.

**Accessories**

Speaking of making statements with layering, wearing patterned tights is another common trend seen around campus. They are very versatile; they can be worn with dresses, skirts, and even shorts. Patterned tights, which are available in most stores, can add another dimension to an outfit that may initially have seemed boring. If you’re not sure where to start, check out the website modcloth.com to choose from a variety of necklaces.

For more unique jewelry, try the website etsy.com, where you can either purchase handmade, one-of-a-kind items or search for something specific or browse through the jewelry section of the website. The benefit of Etsy is that there is more variety in the style of jewelry available. Bubble necklace trends are available on this site, but there are other types of necklaces as well.

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Necklaces are an easy way to dress up an outfit, but there are other ways of achieving this as well. It’s tempting to choose the most comfortable clothes before you leave for class in the morning. However, on those days when you want to dress up a bit, a skirt or dress in thelorous option. Skater skirts have been seen around campus quite often. On days that are slightly warmer, pair the skirt with a button-up shirt. Otherwise, switch the skirt for a corset and add a pair of tights and jacket for extra warmth. A skater skirt in a floral pattern is a great way to accommodate for the weather as it moves towards the strange period between winter and spring. The collar of the shirt visible to give this outfit a preppy vibe; necklaces are an easy way to dress up an outfit, but there are other ways of achieving this as well.

Necklaces are an easy way to dress up an outfit, but there are other ways of achieving this as well. It’s tempting to choose the most comfortable clothes before you leave for class in the morning. However, on those days when you want to dress up a bit, a skirt or dress in a more vibrant color is more comfortable. You can either opt for something specific or browse through the jewelry section of the website. The benefit of Etsy is that there is more variety in the style of jewelry available. Bubble necklace trends are available on this site, but there are other types of necklaces as well.

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Crinkled Comics by Juan Fernandez

ON MY DAILY ROUNDS
I SEE A LOT OF THINGS.

I WONDER A LOT
ABOUT WHAT THEY MEAN.

SOMETIMES I
WRITE THEM DOWN

MOST OF THE TIME
I DON'T.

jjfernan@andrew  crinkledcomics.com
Puzzles

Solutions from Jan. 28

Crossword

Medium Difficulty

Kakuro Puzzle: Easy Difficulty

Kakuro courtesy of www.krazydad.com

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

Medium Difficulty

Sudoku Puzzle: Very Hard Difficulty

Sudoku courtesy of www.opensky.ca/~jdhildeb/software/sudokugen/
### EOC-scopes

<table>
<thead>
<tr>
<th>Aries</th>
<th>March 21–April 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>That tie with that shirt? Yeah, right.</td>
<td></td>
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<table>
<thead>
<tr>
<th>Taurus</th>
<th>April 20–May 20</th>
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</thead>
<tbody>
<tr>
<td>Good thing the EOC is this week, because it looks like the stars are aligned for you.</td>
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</tbody>
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<thead>
<tr>
<th>Gemini</th>
<th>May 21–June 21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Just be patient; you’ll find what you’re looking for.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Cancer</th>
<th>June 22–July 22</th>
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</thead>
<tbody>
<tr>
<td>Proofread your résumé. Yes, again.</td>
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<thead>
<tr>
<th>Leo</th>
<th>July 23–August 22</th>
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</thead>
<tbody>
<tr>
<td>Your overconfidence might make a bad first impression, so watch out.</td>
<td></td>
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<tr>
<th>Virgo</th>
<th>August 23–September 22</th>
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<tbody>
<tr>
<td>You’re going to get a huge opportunity; don’t be afraid to seize it and move forward.</td>
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<thead>
<tr>
<th>Libra</th>
<th>September 23–October 22</th>
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</thead>
<tbody>
<tr>
<td>You know what you want, but you aren’t good at communicating it. Practice in the mirror before the EOC.</td>
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<thead>
<tr>
<th>Scorpio</th>
<th>October 23–November 21</th>
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<tbody>
<tr>
<td>Ask for more. You might just get it.</td>
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<tr>
<th>Sagittarius</th>
<th>November 22–December 21</th>
</tr>
</thead>
<tbody>
<tr>
<td>You need to be more focused and stop trying to squeeze so many things onto your résumé.</td>
<td></td>
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<thead>
<tr>
<th>Capricorn</th>
<th>December 22–January 19</th>
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</thead>
<tbody>
<tr>
<td>The decisions you make at the EOC are going to affect your whole career, so tread carefully.</td>
<td></td>
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<table>
<thead>
<tr>
<th>Aquarius</th>
<th>January 20–February 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your persuasion skills will be put to the test this week.</td>
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<tr>
<th>Pisces</th>
<th>February 19–March 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don’t go to the EOC angry. Release any pent-up energy before, or else you’ll do something stupid.</td>
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**Kairavi Chahal | Comics Editor**

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### Crossword

**Across:**
1. Slave
5. Gentle ones
10. Eye sore
14. Switch ending
15. Dreadful
16. Excellent, slangily
17. Banned apple spray
18. Oil source
19. In this place
20. Souvenir
22. Decapitates
24. Floors
25. Hole goal
26. Rise to one’s feet
29. Where some vets served
32. Affirmatives
36. ___ account (never)
37. Having a wavy margin
39. Lit syllable
40. In spite of
41. Author ___ Stanley Gardner
42. ___ command
44. Cylindrical
45. Not a dup-
46. Actress Berger
48. Employ
49. Amble
50. Entirely
52. Junkyard dog
53. Transfer data, to a peripheral device
57. Honcho
61. Roy’s “singin’ pardner”
62. Bowling alley button
64. When said three times, a 1970 war movie
65. Teheran’s country
66. Mesa ___ National Park
67. K-6
68. Immediately following
69. Sign of spring
70. Soccer legend

**Down:**
1. Thin stratum
2. Author ___ Stanley Gardner
3. Wander
4. Foresee
5. Wears well
6. Horton Hears ___
7. Juilliard deg.
8. Future tulip
9. Bed down
10. Globe
11. Take ___ Train
12. American football measure
13. French summers
21. Tacit assent
23. “Surprise Symphony” composer
26. Loudness units
27. Govt. security
28. Composer Bruckner
29. First prime minister of India
30. Church areas
31. Dull surface
33. Agitates
34. Bert’s buddy
35. Tending to sag
37. Numbered rd.
38. Scot’s refusal
41. Author Calvino
42. Threshold
43. DDE’s command
44. Cylindrical
45. Not a dup-
46. Actress Berger
48. Employ
49. Amble
50. Entirely
52. Junkyard dog
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Crossword courtesy of BestCrosswords.com
MONDAY 2.4.13

School of Architecture Lecture: Isaac Campbell. Carnegie Museum of Art Theater. 6 p.m.
Portland-based architect Isaac Campbell, co-founder of multidisciplinary design firm Office 52, will give a lecture at the Carnegie Museum of Art Theater. Campbell’s firm is designing Carnegie Mellon’s new Sherman and Joyce Bowie Scott Hall.

TUESDAY 2.5.13

Brown Bag Chamber Music Concert. McConomy Auditorium. 12 p.m.
The School of Music is putting on an hour-long concert featuring student soloists and chamber music ensembles. The event is free and open to the public, and audience members are encouraged to bring their lunch.

School of Art Lecture: Shana Moulton. Kresge Theater. 5 p.m.
Performance and video artist Shana Moulton will give a lecture as part of the Carnegie Mellon School of Art Lecture Series. More information on Moulton’s work can be found at cmu.edu/art/lectures.

WEDNESDAY 2.6.13

Open Mic Night. Skibo Café. 6 p.m.
AB Skibo will present a free open mic event during which student performers can showcase their talents.

Hannah Dobbz. Big Idea Cooperative Bookstore & Café (4812 Liberty Ave.). 7 p.m.
Author and Pittsburgh resident Hannah Dobbz will speak at the Big Idea Cooperative Bookstore about her new book Nine-Tenth of the Law: Property and Resistance in the United States. Dobbz, a former squatter, will speak about squatting and property struggles in the United States from colonial times to the present. More information is available at www.thebigideapgh.org.

THURSDAY 2.7.13

The [En]coding Architecture conference covers a range of topics including the autonomy of architecture, code, fabrication, material, robots, machinic desire, and computational theory. The conference includes a number of workshops, lectures, and exhibitions. It is free, but participants must register beforehand. More information, including a schedule of conference events, can be found online at encodingarchitecture.org.

Kishi Bashi. The Underground. 7:30 p.m.
Singer and multi-instrumentalist K Ishibashi (also known as Kishi Bashi) will perform at The Underground. Kishi Bashi creates unique sound environments through looping vocals and violin samples. The concert is hosted by AB Underground and is free and open to the public.

FRIDAY 2.8.13

Dirty Charms. brillobox. 10 p.m.
Pittsburgh-based garage rock band Dirty Charms will perform at brillobox. The Williams Band and Johnny Naples Trio will open the concert. The concert is for ages 21 and up, and more information can be found at brillobox.net.

SATURDAY 2.9.13

Out of Order: Shawn Rudiman. Belvedere’s Ultra-Dive. 9 p.m.
Techno DJ Shawn Rudiman will perform a live, three-hour set. Local DJs Paul Fleetwood and Relative Q will open with a back-to-back set. The event is for ages 21 and up, and costs $5 at the door.

ONGOING

Cartoonist Craig Freeman presents new works that explore themes of nihilism, depression, and suicide. The gallery is open Wednesday through Sunday.

This exhibit features works ranging from jewelry to furniture that showcase changing tastes in aesthetics and design within the span of nearly nine decades.

The Wood Street Galleries is hosting an exhibit by visual artist Miguel Chevalier that features two self-generative video installations. The exhibit also includes the world premiere of Chevalier’s latest work, “Pixels Wave.” More information and gallery hours are available at woodstreetgalleries.org.

Feminist and... The Mattress Factory. Through May 26.
This exhibit features works by six female artists from around the world, aiming to show that feminism is a multivocal, multigenerational, and multicultural movement, not a single-issue set of political beliefs. The exhibit was guest-curated by Hilary Robinson, a former professor of art theory and criticism at Carnegie Mellon.

UPCOMING

Carnegie Mellon’s annual student fashion show is coming up on Feb. 16. Student designers will be showing off their work in Wiegand Gymnasium. More information is available at cmulunargala.com.

Compiled by Allison Cosby | Contributing Editor

Want your event here?
Email calendar@thetartan.org.
Fifth-year senior decision science and economics and statistics double major Will Weiner hosted a “perk-off” between vocal percussionists from the eight participating a cappella groups at the Varsity Vocals ICCA Great Lakes Quarterfinal on Saturday night in McConomy Auditorium. Carnegie Mellon groups Counterpoint and The Originals participated, with The Originals placing first overall and advancing to the semifinals.