On Jan. 7, the offices of Parisian satirical newspaper Charlie Hebdo were stormed by three heavily armed attackers, killing 12 and injuring 11. This article is not a rehearsing of the poorly informed and highly opinionated cliché that tries to rush in on this sort of tragedy. This article is a condensed recounting of elements by the victims and survivors closest to the tragedy. Where needed, translations to English have been provided.

The dead
• Frédéric Boisset, 42, a building maintenance worker for Sodexo and Krav Maga enthusiast. He was killed in the lobby.
• Franck Brinsolaro, 49, a police officer assigned as a bodyguard for Stéphane Charbonnier.

The injured
• Laurent “Riss” Sourisseau, 48, cartoonist. “Humor is the shortest road from one person to another.”
• Bernard “Tignous” Verlhac, 57, cartoonist. “A caricature … is not laughing at our drawings. I'd prefer to die on my feet rather than living on my knees.”
• Georges Wolinski, 80, writer and founder of the Rendez-vous du Carnet de Voyage art festival, and a guest at the meeting.

The perpetrators
The attacks were carried out by three French nationals, identified as Hamyd Mourad, 18, a French Muslim who surrendered to police, and brothers Kouachi, 32, and Gassama, 35, who approached by one of the attackers, near a nearby driver whose car was struck by a rocket. The other three heavily armed attackers, identified as Merabet, were stormed by three heavily armed attackers, killing 12 and injuring 11. This article is not a rehearsing of the poorly informed and highly opinionated cliché that tries to rush in on this sort of tragedy. This article is a condensed recounting of elements by the victims and survivors closest to the tragedy. Where needed, translations to English have been provided.

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Catfish and the Bottlemen's indie rock album brings nothing new

NAILEN MATSCHKE
Contributing Writer

Indie rock is certainly one of the most popular genres of modern music, and as a result of the surge it experienced during the 2000s, it has also become one of the most competitive. The artists who would spearhead indie's rise during the previous decade continue to dominate the genre, and although their peers have had some success, face tough odds trying to stand out among an ocean of their peers. After putting out several solid albums and experiencing an impressive number of festivals, and winning the BBC Introducing Award at the inaugural BBC Music Awards, the group Catfish and the Bottlemen, from Llandudno in North Wales, seems like a strong contender for getting some time in the spotlight.

The group's debut album, The Balcony, was released on Sept. 15, 2014 in the UK and performed well, reaching a peak position of number 10 on the UK Albums Chart. This past week the album was released in the US, and now remains to be seen if it can achieve the same sort of commercial success here.

After listening to it, I do see this as a possibility, but I highly doubt that The Balcony will be the album to do it—something which is okay for them at this early stage, but will hopefully change if they continue to make music with themes related to earning a decent work, likely to engage and challenge the listener. After putting out several solid albums and experiencing an impressive number of festivals, and winning the BBC Introducing Award at the inaugural BBC Music Awards, the group Catfish and the Bottlemen, from Llandudno in North Wales, seems like a strong contender for getting some time in the spotlight.

One thing that is quickly revealed about Catfish and the Bottlemen is that the band doesn't like to take a lot of chances. The first five tracks on The Balcony were all released as singles, and each of them is a standard-length, inoffensive, somewhat upbeat indie rock song, containing at least a few ideas borrowed from the acts that have already shown the way for Catfish and the Bottlemen, played well but ultimately not as stylishly or memorably as we first heard them. During particularly energetic moments like the pulsing beat of "Pacific" or the heavy chorus groove in "Kathleen," vocalist Van McCann's hard-edged rock voice is impressive otherwise. The

Contributing Writer

CATHAL CONLON
Contributing Writer

In his latest release, Panda Bear, A Day In the Life, Noah Lennox (a.k.a. Panda Bear) tries once again to blend unconventional pop melodies, psychedelic sound effects, and esoteric yet poignant lyrics together to create an immersive soundscape that brings together the listener. Or at least, this is what one would expect from a Panda Bear and Animal Collective-affiliated work. But this time, Lennox's attempts fall a bit short.

The album opens strong with the evocative "Sequential Circuits." A mesmerizing mixture of shimmering, portentous melody as bumbling noises and frog-like croaks simmer in the background, sometimes morose and the Bottlemen's ability to blend the elements that worked for predecessors such as Arctic Monkeys, Vampire Weekend, or The Killers. Catfish and the Bottlemen's mechanical ability to play with this material and put it altogether smoothly is impressive. But the band doesn't really pull anything off of it as it's already been done, and The Balcony adds little to the sonic spectrum of indie rock since the work is so derivative of others. At the end of the day, Catfish and the Bottlemen's music sounds good, but provides few justifiable reasons to listen to it. Far from every hand that gets big has a hit debut album, and to me Catfish and the Bottlemen's first release The Balcony has failed to impress. What should be a healthy appreciation for the modern indie rock scene comes off as a reliance on the same formulaic melodies, rhythms, and lyrical themes we've heard for several years, which makes me question why anyone would choose to listen to a toned-down Arctic Monkeys when they could just listen to the original. Still, Catfish and the Bottlemen does for the most part display impressive technical ability and an easy-to-overlook aptitude at writing cohesive instrumental parts. Hopefully, given some time to mature, the band will be able to produce more material that excels both sonically and artistically.

Contributing Writer

CRISTAL LINGAN
Contributing Writer

Neo-psychedelic musician Panda Bear's release is compelling but mediocre

Panda Bear, A Day In the Life, is a departure for Noah Lennox (a.k.a. Panda Bear), who previously released the albums "Sea Fever," "Ant Con Me," and "Buoys," among others. Lennox continues to experiment with similar trippy sounds: grating, whooshing sounds and samples of voices intermingling in a way reminiscent of diffraction spiking, which open "Mr Noah." The song features harmonies that trail away, like comets that fly past and leave behind a thin layer of glowing debris; dry, bouncy rhythms; and a soaring melody. Although Lennox clearly has a solid understanding of songwriting and style as cautionary and aimed at the largest possible market. The band's music may look and sound all right, but it is missing something of the passion or effort required to make it feel like more than just another indie band's album. This doesn't appear to be for a lack of ability, since one of the more impressive aspects of the album is how tight the band sounds throughout it. What's really impressive is the precision of each chorus. Still, Panda Bear's

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Trans people face disadvantage due to gender identity

HANNALORE GERLING-DUNMORE Contributing Writer

Last week, we covered the tragic death of the queer journalist and activist Alcorn. One of her friends commented on the grid of the queerer system like being a racer that comes home last. She's not a pit lane girl. With all the doctor and dentist appointments, it did feel like I was a machine to be maintained. But importantly, I noticed I had a lot more free time to be alone with my thoughts instead of constantly doing something. This combined, with me having a difficult time answering how Caltech was at family gatherings, led me to wonder if Caltech wasn't happy for a day.

I'm going to isolate at least one happy moment every day for 100 days. Disclaimer: this isn't necessarily equal to being completely happy for 100 days, but I'd at least like to record one thing that made me happy every day. If I ever have a particularly bad day at Caltech during this period, which isn't out of the question, I suppose I'd have to say "I saw an especially cute squirrel today." Here are a few things I've entered in my journal so far:

- Lockout at a white elephant party got a ninja minifig (as opposed to some enchanting options as used carboard)
- Ski trip car buddy baked delicious cookies
- Wake up early for Chernin
- I won't be using social media; I'll be just writing for myself. I'd also like to challenge readers of this article to do the same, mostly just for kicks. Wouldn't it be great to look back at 100 reasons you were happy? It can be great for your attitude to notice how great the highly-budgeted landscaping was one day instead of worrying about the next set, at least for a little bit.

People who participate in the #100HappyDays challenge often keep a journal. Photo Courtesy of Katherine Guo

FEATURE
THE CALIFORNIA TECH

#100HappyDays rebooted KATHERINE GUO Contributing Writer

100 Days? Wasn't that some Instagram meme that passed through ages ago? According to Google search trends, "100 happy days" and similar searches started growing around the beginning of 2014 and peaked in April, soon declining in search volume almost as rapidly as it rose. For those unaware of the 100 Happy Days, it was a project that challenged people to post a picture every day, for 100 days, of something that made them happy to Facebook, Instagram, Twitter, or directly to 100happydays.com with the hashtag #100happydays.

When I heard of this at first, around the time a few of my friends had begun their own #100happydays challenges, I was skeptical. Who has 100 happy days in a row? Not even Beyoncé has 100 happy days in a row, probably. Also, was it really necessary to remind others how happy you were every day through social media? I remained skeptical-neutral about the project until it mostly blew over and I had the idea to make my New Year's resolution and write this article.

Commiseration is a common form of bonding at Caltech. "I'll have to pull an all-nighter," "I have to do last minute revision," or "I just don't sleep anymore" are all commonly heard in late-night set depression frets, as if these four years is a competition to see who can be the most sad and graduate on time. Basically, it isn't too hard to find someone suffering vocally the night before a set is due.

Being a freshmen, this past winter break was my first experience of what quarter system breaks are like, and of the contrast between being a student and being out of school. One of my friends commented on the grid of the queerer system like being a racer that comes home last. She's not a pit lane girl. With all the doctor and dentist appointments, it did feel like I was a machine to be maintained. But importantly, I noticed I had a lot more free time to be alone with my thoughts instead of constantly doing something. This combined, with me having a difficult time answering how Caltech was at family gatherings, led me to wonder if Caltech wasn't happy for a day.

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Continued from page 1

Cherif Kouachi, 34, Cherif was convicted in 2008 of helping to recruit soldiers to fight for the Iraqi insurgency and served 18 months in prison. Both brothers had allegedly trained in jihadi camps in Syria. Al Qaeda in the Arabian Peninsula (AQAP) has since taken responsibility for the attacks. On the street, following the attack, one of the attackers was heard to say, "God is great. We have avenged the innocent." We have killed Charlie Hebdo!

The survivors of the attack, a cartoonist, had picked up her daughter from daycare. Approached by the armed and hooded men speaking perfect French, they threatened her daughter's life. "They said they wanted to become a victim," she said. She called her husband over a mobile phone I covered in the code. They shot Wolijski and Cabu. It lasted five minutes and I had taken refuge under a desk.

Sigolane Vinson, a journalist, was spared at gunpoint. "I'm not more than you when you are a woman and we don't kill women, but you have to convert to Islam, read the Quran and wear a veil." That was the threat.

Two other people present at the meeting, Laurent Léger and Didier Londor, were not harmed. Another Sodexo employee accompanying Boissée in the lobby was not harmed. In a radio interview with the Australian Broadcasting Corporation from abroad, a friend of a former writer with Charlie Hebdo, spoke about the attack and recounted the magazine's work will continue.

"All the time we were at, we tried to make fun and joke about the situation, that we are violent enough to be afraid of a simple cartoon. They can continue to be a source of humor because there will be more cartoons."

“We have all decided, the journalists who survived and their colleagues, to have a meeting tomorrow to publish the next Charlie Hebdo, because there is no way, even if they killed 10 of us, that the newspaper won’t be out next week."

“[The government’s self-censorship] is what the jihadists want. They know that this is the way. You just have to kill a few more people, several thousand, which is the easiest thing to do in the world. To have an automatic weapon and kill people is really simple. You don’t need any talent to do that. You need talent to be a cartoonist. You need talent to be a painter."

"Those people without any talent killed many talented people today just to create this emotion, this reaction of panic and hatred."

"Many of my friends who died today were very sweet people, very funny people, and very brave people, because they knew that their life was at stake and that they had to make others smile while defending the freedom of the press. Many of them had to face constant harassment and find protection for many years. Their lives changed completely after the [2000] Mohammed Cartoon Affair. They were just dealing with that. There is no choice when you are a journalist and you want to be free; you have to defend your freedom because that is because a stupid, weak guy wants you to be silent. You continue to do what you do, what you know how to do, which is to be free."
Diving into an exciting season

GOCALTECH.COM
Actual Sports Content Editor

REDLANDS, Calif. (Jan. 10, 2015) – The Beavers’ big men, senior Andrew Hogue (Arroyo Grande, Calif. / Arroyo Grande) and sophomore Naesser Al-Rayes (Doha, Qatar / American School of Doha), kept up their high level of play as the Caltech men’s basketball team took on SCIAC foe the University of Redlands on Saturday afternoon.

“We received tremendous post play today and that kept us close for a majority of the game,” Head Coach Oliver Eslinger said. “Then we hit some threes too, so feel down low too, and Joel really came alive from deep toward the end.”

Two members of the opposing team fight to high-five KC.  Emezie.  If only we could all be so happy as to high-five KC.  -http://gocaltech.com

Fired up to defend their home court, the Bulldogs notched the first eight points of the game as Caltech missed four consecutive three-pointers out of the gate. Eslinger called a timeout to settle the team and it worked, as the Beavers then scored on each of their next five possessions to pull within one point at 10-9 with 23:45 on the clock.

Three minutes later, junior Kc Emezie (Waxhaw, N.C. / Marvin Ridge) drilled a three-pointer to tie things up at 14-14, but Redlands responded with six unanswered points to regain a comfortable edge.

The Bulldogs would hit a single free throw before the break, and Galliani’s three-point attempt was off the mark and went out of bounds, leaving Redlands up one at the half.

The Bulldogs started the second half much the same as the first, scoring six straight points to go ahead by seven less than three minutes into play. The Beavers responded with yet another eight straight points to surge ahead. Despite senior Bryan Joel (Bethesda, Md. / Walt Whitman) getting hot down the stretch, hitting three of his four total three-pointers within a three-minute span, the Beavers would not come any closer.

Caltech was able to celebrate a pair of season firsts, however, as junior Robert Anderson (Orono, Minn. / Orono) and freshman David Kawashima (Studio City, Calif. / North Hollywood) scored their first points of the year in the final 42 seconds.

Joel led the Beavers with 12 points, all coming on three-pointers as he went 4-for-9 from long range. Al-Rayes added 11 points on 5-of-7 shooting and just missed the double-double with nine rebounds while also blocking four shots. Hogue recorded his typical all-around line of 10 points (2-0-2 beyond the arc), five rebounds, three assists and one steal. Kawashima once again impressed in his limited time on the court, adding one rebound, one assist and a steal to his two points in just two minutes.

“I really love what our freshmen are doing,” Eslinger said. “They are getting better every day in practice and playing well every time they step onto the court. Nasser, Lawrence and Nick made their presences felt down low too, and Joel really came alive from deep toward the end.”

Why is the women’s article so short?

GOCALTECH.COM
Actual Sports Content Editor

REDLANDS, Calif. (Jan. 10, 2015) – Junior Stephanie Wong (Palos Verdes Estates, Calif. / Palos Verdes Peninsula) hit a season-high four three-pointers in a 15-point effort as the Caltech women’s basketball team dropped a SCIAC matchup at the University of Redlands, 100-54, on Saturday afternoon.

The Bulldogs started the second half much the same as the first, scoring six straight points to go ahead by seven less than three minutes into play. Another six unanswered points made it a double-digit margin, and although Al-Rayes cut it to single digits, the Bulldogs responded with yet another eight straight points to surge ahead. Despite senior Bryan Joel (Bethesda, Md. / Walt Whitman) getting hot down the stretch, hitting three of his four total three-pointers within a three-minute span, the Beavers would not come any closer.

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ASCIT Minutes

ASCIT Board of Directors Meeting
Minutes for 9 January 2015. Taken by Sean McKenna.

Officers Present: Cat Jamshidi, Nima Badizadegan, Connor Rosen, Annie Chen, Sean McKenna

Guests: Margaret Lee, Kai Chang, Chris Dosen

Call to Order: 8:07

President’s Report (Cat):
- MHP Proposals have been approved for the ASCIT ping pong table and the speaker/projector/screen. Students can reserve the equipment through the interim Director of Operations (Sean)
- UASH meeting had the first meeting under the new eligibility requirements. The new requirements are non-negotiable and apply to all students as of fall term 2014, so students need to be mindful about their eligibility.

Officer’s Reports:
- V.P. of Academic Affairs (ARC Chair: Nima):
  - Student Faculty Conference is happening on February 12th. The sessions will occur from 10am noon, 1:30pm-4:30pm. Final topics selection for the meeting session: dealing with alternative teaching methods, improving academic writing (without including the humanities requirement).
- V.P. of Non-Academic Affairs (IHC Chair: Connor):
  - House endowments have been sorted out with the MOSH. They will pay out annually with no maximum or minimum, directly into house funds. This means IHC is accounting for the money for record-keeping purposes.
  - Analysis of rotation is happening. Freshmen seemed to like end of rotation “free” dinners. IHC is also checking how satisfaction with the house system relates to experience during rotation and checking how the house system affects students’ academic experience during their term.
  - Feedback on the search for a new undergraduate dean can be directed to Connor or Cat until a formal committee is selected.
- Director of Operations (Connie):
  - SFL maker space proposal has been written, with sponsorship of library staff, IHC, and several clubs, for 3D printers, 3D scanners, and poster printer. It will be submitted to MHP. ASCIT approved sponsoring the proposal as well by a vote of 4-0-0.
- Treasurer (Patrick):
  - Absent
- Social Director (Annie):
  - Concerts, theme parks, and food festivals are the most requested social events from Annie’s survey.
  - A former ASCIT President was wondering if students would want to go to an alumni/student concert on Alumni Weekend.
  - Battle of the Bands with was also suggested by a staff member (a more formal open mic night with judges), and this would likely occur around Memorial Day or in conjunction with BFP.
- Interim Director of Operations (Sean):
  - Be a Kid Again is going to happen this term, around the end of February.
- ASCIT Formal will be in April.
- Battle of the Bands with was also suggested by a staff member (a more formal open mic night with judges), and this would likely occur around Memorial Day or in conjunction with BFP.
- Memorial Day or in conjunction with BFP.

Announcements:

ASCIT Jazz Band Announces Performance
The ASCIT Jazz Band, directed by Barb Catlin, presents its Guest Artist Concert on Saturday, January 31st at 8:00 pm in Beckman Auditorium.

Featured guest artist is Los Angeles native, Pete Christlieb, who is regarded as one of the true living legends of the tenor saxophone. His identifiable sound has been featured on iconic recordings from Natalie Cole’s “Unforgettable” and Steely Dan’s “Deacon Blues,” to his years with Doc Severinson’s Band on The Tonight Show with Johnny Carson.

Admission is $10 for the general public and $5 for Caltech staff, students and faculty.

For more information, please visit bands.caltech.edu or call (626) 395-3295.

Caltech Theater offers several chances to branch out and take chances, have fun and expand your social network this year!

WANTED: Actors, singers, musicians, technical personnel, and designers for new, original Caltech musical Alice Through the Wormhole! This musical is currently in the development phase with a world premiere run February 20-March 1, 2015!

If you are interested in any facet of production, including script development, contact Brian Brophy directly (brophy@caltech.edu).

REMINDER FROM THE COUNSELING CENTER:

Meditation Mob (drop-in mindfulness meditation group)
meets every Tuesday
Bottom floor of Winnett from 12:00-12:50 pm

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ASCIT Students only!!

Contact: Adam Jacobo
626.395.5907
ajacobo@caltech.edu

If anyone has any questions or concerns about a section of the minutes please email the appropriate officer. We are happy to answer any questions. The next meeting will take place on January 14th at 11pm (note special time) in SAC 125.

Meeting Adjourned: 9:00
Brad/Chad Business
Tutorial: New Year, New Column

BRAD CHATTERGOON
Contributing Writer

Hey, Techers. Hope the first week went well and that those of you who went to ski trip this past weekend had fun. I'd be happy to hear some stories especially since being the only senior that's overloading this term (seriously, I asked the registrar) has basically removed any chance I have of enjoying a weekend.

You may have noticed a new title for the article this week. That's right, I've decided to conclude Get Fit with Brad/Chad on the grounds that I've discussed general fitness as far as I can in a public space; the remaining discussion is at an individual level. So why a business column? You may or may not know that I'm the Business and Economic Management Student Faculty Conference (BEM SFC) committee chair this year, and one of the things that I thought students would benefit from is an introductory course in business fundamentals and concepts. While I am in discussion with Professor Jaksz Cvatnic, the BEM option rep, about such a class and while I will be sending out a survey regarding the BEM option in general, I thought that this would be a useful platform to offer introductory information in lieu of a course.

As this is the first article, I will be giving a broad overview of subfields in the area of business, including a brief description of each so that there is some context for skills, applications, and knowledge corresponding to each subfield.

Strategic: There are many aspects to strategy, but strategy generally involves making decisions about the business, firm, or corporation at a very high level. Here are a few questions that may come up that require decision making in strategy: Where should we locate our operations (operations can be loosely thought of as processes required for our business to function)? Do we outsource or do in-house manufacturing? Which market (a classification of consumers which can be considered in various ways, including geography or income level) should we target? Would it be beneficial to acquire or merge with a competitor (another firm or business who has a similar product as us)? Knowledge of strategy is essential in executive roles like CEO or CTO, and one of the fundamental questions it is used to answer is “What would be best for our shareholders?”

Marketing: Marketing can be thought of as strategy but for a product, and it is usually closely related to strategy itself. It is important to note that marketing != advertising. Advertising is a tool used in marketing to achieve the goals of the marketing strategy, much like computer science is not coding itself but coding is essential to solving problems in computer science. Some questions might arise about marketing expertise: How do we best raise awareness of our product among potential consumers? What properties (price, design, etc.) should our product have to appeal to our target market? How do we position ourselves in the market to differentiate ourselves from our competitors? What is the best way to sell our products to our target customers?

Finance: Personally I have found that the word finance can be thrown around a lot without giving any particular description of what the field actually entails beyond stocks. Finance is a broad area, although the various aspects of it can usually be tied together as “aimed at creating returns on capital.” Finance can refer to any of the following (though this is not an exhaustive list): trading on a stock exchange (buy a stock, bond, or option—I will define these later—and then try to sell it at an opportune time to make a profit), venture capital investments (investing in startups with the hope of a return on the investment as the startup becomes more valuable), private equity (similar to venture capital but for established companies). Positions in the field are quite varied and can range from quantitative roles like model design to management roles like convincing people to invest in a fund.

I will be exploring these areas for the remainder of the term. If you're thinking about business as a major, career, or just want to be more familiar with it, tune in weekly to learn the jargon and ideas behind the execution of business decisions.

-Brad/Chad

### Crossword

<table>
<thead>
<tr>
<th>Across</th>
<th>Down</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Hen-peck</td>
<td>1. Dissonance</td>
</tr>
<tr>
<td>8. Dainty</td>
<td>8. Be nosey</td>
</tr>
<tr>
<td>12. Exclusive</td>
<td>12. Spline</td>
</tr>
<tr>
<td>16. Leanine animal</td>
<td>16. Hen-peck</td>
</tr>
<tr>
<td>17. Hoop</td>
<td>17. Glen</td>
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<tr>
<td>18. Harvest</td>
<td>18. Harvest</td>
</tr>
<tr>
<td>19. Livid</td>
<td>19. Livid</td>
</tr>
<tr>
<td>23. Merchandising agreement</td>
<td>23. Merchandising agreement</td>
</tr>
<tr>
<td>24. Beverage</td>
<td>24. Beverage</td>
</tr>
<tr>
<td>25. Fiend</td>
<td>25. Fiend</td>
</tr>
<tr>
<td>27. Wonderment</td>
<td>27. Wonderment</td>
</tr>
<tr>
<td>29. Young kangaroo</td>
<td>29. Young kangaroo</td>
</tr>
<tr>
<td>30. Consumed</td>
<td>30. Consumed</td>
</tr>
<tr>
<td>31. Pair</td>
<td>31. Pair</td>
</tr>
<tr>
<td>34. Acquiescence</td>
<td>34. Acquiescence</td>
</tr>
<tr>
<td>37. Seize</td>
<td>37. Seize</td>
</tr>
<tr>
<td>38. Outer part of a wheel</td>
<td>38. Outer part of a wheel</td>
</tr>
<tr>
<td>40. Posch</td>
<td>40. Posch</td>
</tr>
<tr>
<td>41. The present location</td>
<td>41. The present location</td>
</tr>
<tr>
<td>42. Beer</td>
<td>42. Beer</td>
</tr>
<tr>
<td>43. Musical work</td>
<td>43. Musical work</td>
</tr>
</tbody>
</table>

**Clues:**
- 45. Fractured
- 47. Pole
- 48. Distilled from fermented molasses
- 49. Amphibian
- 50. Female swan
- 51. Crack in a lip
- 52. Consume
- 53. Rodents
- 54. Period of time
- 55. At that place
- 56. Repent
- 64. A small piece of anything
- 65. Sharp explosive
- 66. Length by width
- 67. Team race
- 68. Field sport
- 69. Building containing lignite
- 70. Gender
- 71. High-pitched bark
- 72. Small vegetable
- 73. Pressage
- 74. Slightly open
- 75. Musical composition for one voice or instrument
- 76. Sledge
- 44. Inferior in strength or mineral
- 45. Constrictor
- 46. Ecstatic
- 47. Pole
- 48. Distilled from fermented molasses
- 49. Amphibian
- 50. Female swan
- 51. Crack in a lip
- 52. Consume
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- 72. Small vegetable
- 73. Pressage
- 74. Slightly open
- 75. Musical composition for one voice or instrument
- 76. Sledge

### Sudoku

```
| 8 | 9 | 6 | 8 | 1 |
| 8 | 2 | 4 | 1 | 6 |
| 6 | 9 | 8 | 6 | 2 |
| 6 | 7 | 5 | 6 | 8 |
```

Photo Courtesy of Brad Chattergoon

**Photo Puzzle:**
- 40. A quantity of money
- 41. Box on a pole for carrying bricks
- 43. Metal-bearing mineral
- 44. Inferior in strength or significance
- 45. Constrictor
- 46. Ecstatic
- 49. Exhilaration
- 50. Relating to punishment
- 51. Small boat
- 52. Strange and frightening
- 53. Walk of life
- 54. Hard durable wood
- 55. Spoil
- 56. Detail
- 57. Carbonated drink
- 59. Catch sight of
- 61. Stringed instrument
- 63. Ochus
- 65. Sharp explosive sound
**Headache**

Liz Lawler

Prof. Jones, wake up! You need to teach your lecture!

why?

My headache is killing me!

Make the TA do it

INDIANA JONES

AND THE TEMPLES OF SOOM

**Acquired Taste**

Dr. Z

What I did over winter break

**“Chamber of Internal Dialogue”**

Georgio Kraggman

Grounds for Sculpture

wow...

Constellation James Barton

*FLUSH*

Neigh-kid

Rochelle Weber

Hay horse, where are your clothes?

Oh no! I’m neigh-ked!

**Answers to previous crossword**

CODE

FOCUS

CASHEABLE

OPEN

AMUSE

ABLE

MITT

DEBUT

PEAR

INERT

BREATHE

TAKE

REAL

LEGAL

AROMA

EAR

YAST

SOUP

WEARY

ADD

DERIT

IQUE

TENSE

HAVE

OAT

EVER

REAL

PEAR

TENSE

HAVE

OAT

SHADY

WILL

PHOTO

HOME

APART

STOWN

QROWN

RECUR

TURE

DEEP

ENEMY

FEEL

SEED

**Answers to previous Sudoku**

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

**Does the House System violate the Honor Code?**

James Madison

NO

**The California Tech**

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