

LUIS RIVAS
features EDitor

A
crashed onto the sinking shores of the United States, as the growing fires in the San Fernando Valley and elsewhere refused to be extinguished, the helpless and doomed onlookers of the worl announced almost in unison, "The Mayans were right!" or "Christ is coming!" or "It's the end of the world!" or simply, "Shit!"

As the world was ending, country pop singer Carrie Underwood was caught in the middle of a performance in Orlando, Fla. The crowd refused the advice and pleas by their parents and loved ones to stay in or go to church

There they were on a Friday night at the Amway Center on 400 West Church Street on Dec. 21, 2012, the last day of the world.

As the oceans began reclaiming the entirety of the upper east coast, the death toll climbing by thousands, the venue's massive steel-and-glass structure began to shake violently. Underwood continued to sing, seemingly unbothered, her blonde locks of hair appearing almost like the glow of a halo as stage lights and beams began falling on the crowd.

The ground began swelling and cracked opened, swallowing most of the audience. The few remaining looked on in disbelief, screaming frantically and crying, regretting not listening to their fearful parents. Underwood looked down to the crowd, smiling but no longer singing, her eyes glowing red,
revealing herself to be the antichrist "I have come to retake the earth from your God," Underwood said. "Your souls are mine. Hail Satan!" The dead began filing out from gaping red-glowing craters of hell, seeking to wreak havoc on the earth, proving once and for all the Book of Revelation, the Mayans and most religions right.

## ORIGIN OF THE MYTH

The previous scenario hasn't happened. And it most likely won't According to a Reuters poll, one in seven people believe the fable.
The end of the world is a popular scenario found in many of the world's religions, said Dr. Rick Talbott, chair of the religious studies department
"Most religions view the world
"Most religions view the world
or the cosmos as going through great
cycles. There needs to be a recreation or a renewal periodically; that is a common mythological motif in most religions. It is certainly symbolic," he said. "Generally we find end of the world scenarios all over the world, and so it's not just Christianity."

The origin of apocalyptic text in Judaism-and by default, Christian-ity-first appeared in 3 BCE during a time of great political crisis with the Greeks in power over the Jews, which they interpreted as interfering with God's plan, said Talbott.
What started this was the sense that the world has become evil and absent of God and goodness, Talbott said, but that God will eventually vindicate the persecuted. Additionally, the writing was seen as a cryptic protest against their oppressors. The Jews knew that they
couldn't have open antagonistic, seditious protest against the Roman Empire. It's a type of hidden transcript. You're talking about the oppressors sing symbolic language Like in the Book of Revelation: Rome is Babylon. You're criticizing it," he said.
But some modern day religious groups have taken the Bible, specifically Revelation, literally, such as David Koresh and the Branch Davidians.

Koresh led a religious sect that believed the end of the world was approaching and stockpiled arms and ammunition. The Bureau of Alcohol, Tobacco and Firearms (ATF) and the FBI engaged in a 51-day standoff with the Davidians that resulted in the deaths

See DEATH, page 4

## Fa-la-la-la-Finals Time!

Finals stealing your holiday spirit? Let the Daily Sundial guide you through the end of school! From gift ideas to brain breaks, we've got you covered.

Take a break from cramming and treat your brain to some fun. See pages 8 \& 9

The holiday edition of Culture Clash will help prepare you for the season, San the OR code to get started


## Math vacation might not add up to success

Time away from schoolwork may reduce stress, but it won't help you get ahead with your degree

## Christina Co CC

 DAILY SUNDIALw
ith winter break around the corner, students are anxiously awaiting time to catch up on extra sleep and watch a DVR full of unwatched shows. Although weeks full of relaxation may sound appealing, there may be evidence that continuous schoolwork may make a student's academic performance higher when the next semester begins.

Cheryl Spector, an English professor who specializes in college success and the freshman transition, said students' math skills get rusty after a long break.
"Students who meet basic high school graduation requirements for math in 10th or 11th grade, then take no math in 12th grade, take the ELM (Entry Level Mathematics) assessment and often score very low because they have not reviewed or attempted math in months or years," she said. "This is a big issue for incoming freshman here at CSUN,"

Katherine Stevenson, director of CSUN's developmental math program, agreed with Spector and said she noticed some patterns among students


CHRISTINA COCCA / DAILY SUNDIAL
Even though the fall semester is coming to a close, students should' $t$ end their studying habits with finals w eek. Keeping academically active, even during breaks, may improve the next semester's grades.
who do not keep up with course material between semesters.
"In general, the agreed-upon wisdom is that students are better off continuing in math courses until they complete their math requirement because it's just a cumulative skill set, and taking a break from it can cause a lot of back peddling to occur," Stevenson said.

A majority of students who completed a developmental math class (Math 093) and took GE math classes (Math 102, 103, 131, 140 and 210) in the semester immediately following received a C or better (58.8 percent). Adversely, of the students who took GE math classes a few semesters after the completion of Math 093, only
1.7 percent received a C or better, according to Stevenson. Although Stevenson noted patterns she witnessed with students who were in CSUN's developmental math program, she added that those trends serve as a representation of the larger picture of students' academic behavior.
"Those students would be
an example of how that kind of activity is functional for our students to participate in," Stevenson said.
In order for students to benefit from keeping up with academics during a break, Stevenson said, they must set clear goals that will help them during the next term in some tangible way.
"(Students should) find some authentic way for preparing for spring courses that help them pass those courses but also leave enough room to relax," Stevenson said. "Some students only sleep and watch TV because they need down time from such a high anxiety level.'
Signs of an academic slump after a vacation seem to exist not only at CSUN but also in public K-12 schooling, according to Ivan Cheng, professor of secondary education.

Cheng, who used to teach in the public K-12 system, said a definite trend exists for $\mathrm{K}-12$ students regarding whether or not their academic performance suffers after a summer or winter break.
"When kids come back in the fall, they tend to have what is known as the 'summer dip,' when they have lost skills and knowledge," Cheng said.

He added students who take summer school tend to do better academically when they return in the fall.
"This is not to say that people who didn't (go to summer school) didn't do something like travel or work; we just know kids who go to summer school do better in the fall," Cheng said. He added that there is also a performance dip after winter break, which typically has no school offered for K-12 students since it lasts only a couple of weeks.
"Students tend to not remember as much immediately," Cheng said, "but it comes back eventually."

## Don't forget:

Finals start this week!

Fall 2012: TuesdayMonday, Dec. 11-17,

To find out your finals schedule, check out your portal: www.csun.edu.

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## Local New Year's events cheap

With the holiday right around the corner, here are some fun options

Natalie Rive Ra
ARTS AND entertainment editor

New Year's Eve doesn't just have to be waiting in a living room looking at a screen as it counts down to midnight. Here are the biggest and best NYE parties that will take place. With affordable prices, these bashes will be worth the ride.

The Hollywood NYE Pub Crawl
Where: Outpost Hollywood 1624 North Cahuenga Blvd. When: Registration is between 6 and 11 p.m.
Tickets: $\$ 20$ to $\$ 30$, with group rates available. Parking: Various lots and valets
Age Limit: 21+
Description: This has been considered one of the best Hollywood Pub Crawls. The

Pub Crawl is along the Walk of Fame and will allow you to hit up to 10 parties. Each venue can participate in the drink specials for up to three hours. The downside is that if the bars are too full, you may have to wait until someone leaves, but pricing is affordable and the specials are endless.
Two Premium Mixer for \$13 Two Champagnes for $\$ 13$ $\$ 3$ selected bottles/draft beer


## VICE New Year's Eve

## at Vanguard

Where: Vanguard Nightclub, 6021 Hollywood Blvd, Los Angeles
When: 9 p.m. to 2 a.m. Tickets: \$40 General Admission, \$100 VIP open bar
Parking: nearby lots, stree
Age Limit: 21+
Description: This event will feature music from Thomas Gold and Vice as they collaborate in a venue that is 2,000 feet of party sound and space, that includes four rooms with high quality sound and an outdoor patio.

## Universal City Walk's New

 Year's Eve Countdown Bash Where: Universal City Walk, at the top of Universal Studios Boulevard off the 101 Freeway When: 9 p.m. to 12:30 a.m. Tickets: $\$ 15$ for ticket only, $\$ 45$ including self parking, free for kids under 48" tallParking: Before 6 p.m., $\$ 15$ general $/ \$ 20$ preferred, after 6 p.m $\$ 45$ self parking, $\$ 55$ valet. Metro: Red Line to Universal City station
Age Limit: All ages
Description: City Walk has just added the popular Waterworld show and the Gibson stages to its New Year's Eve Bash. The event will feature live music and DJ's and fireworks that will go off at midnight.

## CSU board of trustees meeting for Spring 2013:

When: Jan. 22-23, March 19-20 and May 21-22

Where: CSU Chancellor's Office, 401 Golden Shore, Long Beach

## Don't go hungry during finals

When: Today from 9 a.m. to 1 p.m.
Where: Balboa Room, USU
Description: The Health Education Student Organization will be hosting the "No Student Hungry During Finals Food Pantry" for students that are struggling financially during finals this fall semester.


## Harrison's desire to increase access

Ashley soley -cerr o EDITOR IN CHIEF

Now that President Dianne F Harrison's first semester at CSUN is over, she believes graduation rates can improve without raising student tuition. There are different ways to bring about change than penalizing (students)," she said.

The CSU needs to help students graduate without raising tuition, Harrison said, and encourages the board of trustees not to return to discussions over the three potential fee increases they tabled at their last meeting.
"One of my priorities, if nothing else, is that we will offer classes for students to progress to degrees and graduate," Harrison said. "When a student says they can't get classes, it drives me crazy because they should be able to. If they can't, they need to see their department chair first and dean second.

CSUN should continue being a student-centered campus by always offering enough classes for students to improve graduation rates and provide more opportunities for participation outside of class, Harrison said.
"Emphasis on student success was here before me but is now one of my priorities and something we need work
on," she said.
The CSU implemented the Graduation Initiative in 2010 with a goal of raising the six-year graduation rate 8 percent by 2015 and cutting the gap in degrees attained by underrepresented minority students in half.

CSUN is halfway to its goal of increasing the general six-year graduation rate to 48 percent and closing the minority gap of 8 percent.

Harrison sees the
waitlist as a beneficial policy.
Since it was implemented, CSUN has received complaints about the waitlist ending when school starts and reverting back to students being added at the teachers' discretion. The Spring 2013 waitlist, however, will work the same way.
A.S. President Sydni Powell said they are actively working to address the issue for following semesters.
"It's still a functioning waitlist, but there's some tweaks that need to be addressed," Powell said. "Students would rather it extend into the school year, some faculty would rather have autonomy, but there's a chunk of faculty that want to extend it too.

The board will provide an update on the progress of the Graduation Initiative at their next meeting on Jan. 22, and possibly discuss the three potential fee increases.

n would rather it extend into the school want to extend it too".
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From page I
of at least 76 people in 1993
"There are virtually thousands of small apocalyptic groups in America waiting for some type of intervention by God," Talbott said. "Many of them, not all of them, expect it to be a violent end, like David Koresh, that's why they got guns. He's reading Revelation, thinking, 'Hey, there's a violent end coming,' and when the ATF and FBI come up with rifles, sneaking in on their compound you know what they were thinking? 'Yea, this is what the text exactly said."

The New Testament's Rapture concept, where true believers of Christ are saved and ascend to heaven, was first popularized by John Nelson Darby in the early 1800s and would change the interpretation of Revelation and Rapture forever, said Talbott.

Aaron Gilless, a 21 year-old junior majoring in CTVA, is a Christian who believes the world will change not end.
"Some people believe in the Rapture," Gilless said. "We don't believe in exactly that, the Rapture, as most people see it. We see it as Christ returning at a certain day that no one knows, at that time some people would say the world will end. We'd say the world will be judged. And things will change, but we don't know exact specifics."

He doesn't interpret the Bible literally, understanding that some of it is metaphorical.

In order to quell the concerns that NASA has reportedly been receiving, less than a month ago they have gone as far as to devoting an entire section of their official website to dispel all
the most popular end-of-the-world myths, including apocalyptic plantary alignments, rogue planets or meteors crashing into Earth, deadly solar storms and one of the most popular ones, the end of the world as predicted by the Mayans.

## What THE MAYANS NEVER

 SAIDLuis Mendoza, 23 year-old senior majoring in Chicano/a studies, is not religiously affiliated and does not believe the world will end anytime soon, even if some people believe the Mayans have said so.
'I don't know exactly where people got that information from that the world is going to end," Mendoza said. "From what I know, it's a number that's on the sun stone. People call it the Mayan calendar, but the actual erm is the sun stone. All I know is that it's supposed to start a cycle all over again, not the end of the world. It stops so people think it's gonna end."
Mayan spirituality makes no reference to the physical end of the Earth, ime and space, contrary to what people have heard or think, said Dr. Alicia Ivonne Estrada, Central American studies professor.
"The end of the world doesn't necessarily exist," Estrada said. "Time is cyclical. While there's death, there's ebirth. The Maya sacred text, the Popol Vuh, you see that, this notion of duality, of cyclical time."

The concept of the end of the world, as interpreted by individuals and groups, does not fit in with indigenous spiritual practices or perceptions of death and the world.
Dec. 21, 2012 is the last date recorded on the Mayan calendar and has been interpreted by some using

Western philosophy of the concepts of death and ending being fearful. In doing so, Estrada argues, it reinforces racist beliefs by perpetuating the stereotype of the foolish native.
"There is an organization based in Guatemala called Oxlajuj Ajpop that are Mayan spiritual guides that works to battle against misreading the calendar and also how they reinforced stereotypes and racist beliefs about the Maya," Estrada said

The Guatemalan government has spent millions of dollars on tourismwith little-to-no money going back into the Mayan community-essentially trampling on the Maya culture and spirituality, according to Estrada. She fears that once the hype surrounding the end of the world is over, the Maya will be viewed as foolish.
"But they never said it was the end of the world. What's going to be left in the popular imaginary is how the Mayans were fools in believing that the world will end," Estrada said.

While people may still believe the world will end on a particular date and time, and choose to live their lives by their interpretation of scripture, doing good in this life is what should be the more important matter, said Talbott.
"What's easier to do? Sit back and say the world's going to hell; there's all this evil so I'm going to sit back, take care of myself and my family, live a good life so I'm Raptured out of here," Talbott said. "Or take the founder of the religion, Jesus of Nazareth, seriously, and go down to skid row and start feeding and helping the homeless and poor-and forgiving people, not judging people, being inclusive of people, regardless of their sexual status or purity status, which clearly Jesus taught. Which is easier?"


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## Senate urges science aid

Agnes Const Ante SOCIAL MEDIA EDITOR

Associated Students senators approved a resolution encouraging the chemistry and physics department to provide tutoring for lab courses and parallel progression in lecture and lab material for science courses.

The move came during a special meeting on Friday called at the beginning of the semester's last legislative meeting.

The meeting and subsequent vote was in response to a survey of 170 students in 100-level physics and chemistry courses. The data showed more than half had problems with the pacing at which material was covered.

The senate also approved the allocation of \$10,280 toA.S. Productions for an upcoming conference in Nashville, Tenn., during the special meeting.

The senate then reconvened its regular meeting, allocating $\$ 6,300$ to the International and Exchange Student Center ( $\$ 3,300$ for its trainee student development leader and $\$ 3,000$ for its English tutor, both for the spring semester);
$\$ 5,600$ to the Matador Involvement Center; and \$7,500 to the A.S. Senate Office Management for its winter retreat. A total of \$1,300 was transferred to A.S. Campus Recycling Services from residual funds for America Recycles Day.
A.S. also approved the constitutions of six organizations: the National Press Photographers Association, CSUN Stuphers Association, CSUN Stu-
dent Chapter, CSUN College Chapter of the National Association for the Advancement of Colored People, Matador Badminton Club, the Linguistic Student Organization and CSUNaturals.

With the semester coming to a close, A.S. President Sydni Powell said she was very pleased with the efficiency and preparation of this year's senators

While the student government organized the Big Show in October and donating $\$ 50,500$ to the American Red Cross for Hurricane Sandy relief efforts, Powell said smaller feats also contribute to the organization.
"Anything A.S. has accomplished this year, or will ever accomplish in its life, isn't always the big stuff. It's really the small stuff, like get-

A.s. President sydni Powell lauded efforts by the student government to help with chemistry and science courses.
ting the display case at Sierra Hall fixed or making sure labs and lectures coincide. That's really where the meat of A.S. accomplishments are.'
A.S. affects student life on a daily basis in small, yet impactful way, regardles of whether students realize it, Powell said.
"But at the end of the day, it doesn't really matter whose logo goes on it. Sometimes, you can't even put a logo on the things we've done," she said.

Some events the student government has lined up for the spring semester include the Big Comedy Show and Big Lecture, though dates have yet to be determined. Other continu-
ing goals include expanding the sports club program, A.S. recycling and more tabling on campus to spread awareness about the organization.
"Next semester should be pretty exciting," she said.

One of the ways in which A.S. could improve is by more interaction with the student body, Powell said.
"There's no denying that more people know about A.S. now and we're going to try our best to make sure students know who we are and what we can do for them and how they can get involved" she said "My call to action for students is to come visit us or tell us where to come visit them."

## Supreme Court rulings could affect marriage

Proposition 8, federal marriage act to be reviewed by justices

Andrew
Cl Ark NEWS EDITOR

$\square$
he Supreme Court will review two court cases that challenge current laws on gay marriage.

The first case, Hollingsworth v. Perry, challenges California's Proposition 8, a measure that banned same-sex marriage by amending the state constitution. The second, United States v. Windsor, challenges a section of the federal Defense of Marriage Act, or DOMA, law that defined marriage as a legal union between one man and one woman.

The cases will likely be argued before the Court in March with decisions rendered in June.
Gay marriage has gained momentum in recent months. President Obama announced his support in May. Maine and

Maryland voted to legalize same-sex marriage in November, joining six other states.

Currently, 30 states ban gay marriage, including 19 that also ban same-sex civil unions. There are nine states that have either legalized gay marriage or will be soon, according to the Washington Post's Courts and Law

The issue is especially charged in the Golden State, where gay students celebrated the ruling by the 9th Circuit Court of Appeals that declared Proposition 8 unconstitutional in February.

In a recent collaboration between Politico and George Washington University, 40 percent of people polled supported gay marriage, 30 percent supported civil unions but not marriage and 24 percent said they did not agree with any type of union.

© $\mid 360$ Sound $\mid$ The Columbia Records Story $\mid$ On display through November 2013


## New hires, death and pot: 2012 in review



Aug. 23: President Dianne Harrison gives her first convocation speech at the Valley Performing Arts Center.


Sept. 18: The CSU board of trustees approves two of the three resolutions dependent on Proposition 30: the first was a tuition rollback should the proposition pass; the second was a 5 percent tuition increase should it fail. They postponed the vote on the third resolution of adding more fees to the next meeting. The board also ratified the contract with the CFA.

Aug. 30: The Transit Station opens on-campus in order to help reduce the amount of traffic around CSUN as well as reduce the university's environmental footprint.

Sept. 4: The CFA agrees to ratify a tentative contract with the CSU by a 91 percent vote of approval after being in negotiations since June 2010.


Sept. 7: Matador Nights welcomes students back to campus with musical guests Kreayshawn, Baby Bash and Far East Movement, with thousands in attendance.


Sept. 30: Gov. Jerry Brown signs a bill Sept. 30 to make gay conversion therapy illegal in California, making it the first state to outlaw the form of psychotherapy to turn minors from homoesxual to heterosexual.

Sept. 27: The Pride Center officially has its grand opening after two years of planning and will now be the home of all services for the LBGTQ community at CSUN.


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Oct. 4: Timothy P. White is named as the CSU's new chancel lor after Charles B Reed announced his retirement.

Nov. 13: The CSU board of trustees postpones the vote on the three fee increases until further notice in regards to the fee increases.

Nov. 7: The outcome of Proposition 30 narrowly passes by California voters. With all precincts reporting in, the vote came out to 53.9 percent to 49.6 percent.

December $10,2012 \cdot$ Daily Sundial $\cdot$ CSUN $\cdot$ city@sundial.csun.edu

Oct. 6: Supporters gain enough signatures to petition LA City Councils marijuana ban and successfully overturn it.




Oct. 13: The "Burning Wall Street" exhibit, which was created by more than 200 students in the art department and dedicated to the 99 percent, goes up in flames at the closing ceremony after being on display for a month.

Nov. 14: Rick
Mazzuto, athletics director, announces his retirement.


Nov. 25: A plane crash-lands near CSUN's athletic field on the corner of Zelzah Avenue and Plummer Street, leaving an elderly man and woman injured.

Nov. 6: President Barack
_ - Obama is re-elected for his second term, defeating opponent Mitt Romney.

Nov. 5: Vance Peterson vice president of University Advancement, announces his resignation during the attempt to roll out a new positioning platform for the campus.


Oct. 20: Students line-up to see Big Sean and Diplo at Big Show, which experienced the highest number of tickets sold to more than 13,000 students.


Dec. 6: A man appears to have committed suicide by lying down on the tracks in front of a Metrolink train.

Dec. 4: A quadruple homicide in Northridge leaves many residents questioning the safety of the neighborhood.


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Sudoku \#1

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|  | 3 |  | 6 |  |  | 4 |  |  |
|  | 8 | 4 |  |  |  | 3 |  |  |
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|  |  | 8 |  | 2 | 6 |  |  | 4 |

## Logic Puzzle \#1: Boys in the Band

The So Kool Record company recently held auditions across the country to find four singers to form a new band. The four guys chosen are now superstars but can you work out each guy's previous day job, his age ( $19,20,21,22$ ) and home town?

1. Greg is exactly two years younger or older than the guy from Cleveland who used to be a truck driver.
2. Either Darren or the guy from Seattle (who may or may not be Patrick) used to deliver pizzas.
3. The guy from New York is younger than Daniel but older than the one who used to be a carpenter
4. The 22 year old from San Francisco isn't the one who used to be a waiter.

## Symbo-Logical \#1



## Winter Word Search

Find and circle all of the Winter related words that are hidden in the grid. The remaining letters spell a Japanese proverb.

L S O S E K A L F W O N S E L C I C I N
LE Y C E K R A I M N D D R A Z Z I L B
ASCAWVKAIOECIKCALBRD
B W A R D R O T E S N O W S H O V E L C
WERFA I TLCWAFIREPLACE
O A N P I E L I G E R N H E A D B A N D
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EROSCORSWSO I I B B GMCO I
S T E W A I T S H L H V T O O S N A N N
N K O P T M O S P O G I A S T G O O N D
D N I WPLTWTOERNCOEGULC
SEO I S I OSNWDS R G A REAPH
E N L T N N L G I F R E E Z E T F L N I
SRISSGGSMRONBOOD IKSL
T C F I R E W O O D H A I L S T O O B L
EHSSTNAP I K S CHPACTINK

| BLACK ICE | ICE FISHING | SNOW PLOW |
| :--- | :--- | :--- |
| BLIZZARD | ICICLES | SNOW SHOVEL |
| BOOTS | KNIT CAP | SNOWTIRES |
| CARNIVAL | LONG UNDER- | SNOWBALL |
| CHRISTMAS | WEAR | SNOWBOARD |
| COLD | MITTENS | SNOWFLAKE |
| EGG NOG | OLYMPICS | SNOWMAN |
| FIREPLACE | PARKA | SNOWSHOES |
| FIREWOOD | SCARF | SOLSTICE |
| FOG | SEASON | SOUP |
| FREEZE | SKATES | STEW |
| FROST | SKIDOO | STORM |
| GLOVES | SKI PANTS | SWEATSHIRT |
| HAIL | SKIING | TOBOGGAN |
| HEADBAND | SLED | VACATION |
| HIBERNATION | SLEET | WIND CHILL |
| HOCKEY | SLIPPERY | WOOL SOCKS |
| HOLIDAYS | SNOW CASTLE |  |

## Cryptogram \#1

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## Commonyms \#1

A commonyms is group of words that have a common trait in the three words/items listed. For example: the words; A car - A tree - An elephant.. they all have trunks.

1. A Ball - A Fish - A Cold
2. A Ball - A Salad - A Coin
3. A Cork - A Question - A Balloon
4. A Bottle - A Baseball Player - A Mushroom
5. A Bell - Mouth - A Shoe
6. A Tug of War - The Nightly News - A Boat
7. Seventeen - Time - People
8. A Basketball Court - A Highway - A Bowling Alley
9. Fog - A Jack - A Body Builder
10. A Hockey Game - A Restaurant - A Bank

## Sudoku \#2

|  |  |  | 5 |  | 8 | 9 | 4 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | 3 |  |  |  |  |
|  |  | 1 |  | 7 |  | 5 |  | 3 |
|  | 1 |  |  |  |  | 8 | 6 |  |
|  |  |  | 9 |  | 1 |  |  |  |
|  | 4 | 5 |  |  |  |  | 1 |  |
| 8 |  | 2 |  | 9 |  | 7 |  |  |
|  |  |  |  | 8 |  |  |  |  |
|  | 5 | 9 | 4 |  | 3 |  |  |  |

Give your brain a break from studying and solve these puzzles

Solutions on page 11

## Sudoku \#3

| 6 |  |  | 4 |  |  |  | 8 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 4 | 1 |  |  | 5 |  | 7 |  |
|  |  |  |  |  | 1 |  |  | 2 |
| 9 |  |  |  |  |  |  | 1 |  |
|  |  | 2 |  | 8 |  | 5 |  |  |
|  | 7 |  |  |  |  |  |  | 8 |
| 5 |  |  | 2 |  |  |  |  |  |
|  | 1 |  | 9 |  |  | 8 | 6 |  |
|  | 3 |  |  |  | 7 |  |  | 1 |

## Cryptogram \#2

|  |  | 15 | 2 | 18 | 21 | 18 | 25 | 21 | 1 |  |  | W | 10 |  |  |  | Y | 12 | 18 |  |  | 10 | 4 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\overline{18}$ | 1 | 19 | 14 | 425 | 515 | 13 | 10 | 8 |  |  |  | 8 | 18 |  | 15 | 18 | 25 | 14 | 2 | 18 | 11 |  | 19 |  | 11 |
| 2 | 10 | $\begin{gathered} W \\ 3 \end{gathered}$ |  |  | 510 |  |  | 25 | 6 | 18 |  | 25 |  | 24 | 13 | 16 | 13 | 8 | 23 |  |  | 25 | 8 |  | 1 |
|  |  | 15 | 2 | 18 |  | $10 \overline{15}$ | 2 | 18 |  |  |  | 10 | W |  |  |  |  |  |  |  |  | 18 |  |  |  |

## Symbo-Logical \#2



Logic Puzzle \#2: Megabucks Movies

Megabucks Studios produced four movies last year. Can you match the name of each actor with the type of film he starred in, the film location, the month it was released (one was released in July) and the amount each movie grossed ( $\$ 9 \mathrm{~m}$, \$11m, \$12m, \$15m)?

1. The movie filmed in Los Angeles was released later in the year than the comedy movie.
2. Nick Page was the star of the movie which grossed more than the horror movie but less than at least one of the other movies.
3. The movie released in March grossed \$1m or \$2m more or $\$ 1 \mathrm{~m}$ or $\$ 2 \mathrm{~m}$ less than one starring Steve Connelly (whose movie either grossed $\$ 12 \mathrm{~m}$ or was released in May).
4. The science fiction movie (not released in October) didn't gross as much as the movie filmed in New York (which was the one released either three months before or three months after the movie starring Will Bryce).
5. The action movie was released later in the year than the one which grossed $\$ 11 \mathrm{~m}$ and earlier in the year than the movie filmed in Boston.
6. The movie starring Tom Rowe grossed either $\$ 2 \mathrm{~m}$ or $\$ 3 \mathrm{~m}$ more than the one filmed in Las Vegas.

## Los Angeles Times Crossword



Sudoku \#4

| 3 |  |  | 4 |  | 7 |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 5 |  |  |  |  | 8 |  |  |
| 1 |  | 2 | 8 |  |  |  |  |  |
|  |  | 3 |  |  | 1 | 7 |  |  |
|  | 2 | 9 | 5 |  | 3 | 1 | 6 |  |
|  |  | 8 | 6 |  |  | 3 |  |  |
|  |  |  |  |  | 5 | 6 |  | 8 |
|  |  | 1 |  |  |  |  | 9 |  |
|  |  |  | 7 |  | 4 |  |  | 1 |

## Commonyms \#2

[^0]
## STAFF EDITORIAL

## Happy holidays atop the fiscal cliff

Students should use their unique perspectives and take an active role in matters that affect their lives

Ayou drown yourself in coffee and tears for the next week, we wish all of you good luck during the final week of the semester.

These past few months have been exciting and distracting with the national and state election, as politicians, special interest groups and professors tried to scare us with what will happen if we did not vote for this or that.

Finally, once you complete that project, presentation or finish that exam, you are free to go celebrate the holidays or whatever you plan to do during your monthlong break.

However, that does not mean things are "back to normal." The year is coming to a close during a tumultuous and unpredictable time in our nation and world.

And while the universe most likely will not end, there is still much to be concerned about. We might fall off a cliff - fiscally speaking, that is - and dip back into another recession.

Just because Proposition 30 passed does not mean that education is safe and sound; the CSU board of trustees may not be planning to increase tuition next semester, but that does not mean fees will not go up again for 2013 14, or in the years to come. This is the first time since 2006 that our fees are not going up.
Many students exercised their political power and advocated for education thi semester through voting, writing letters and attending board of trustees meetings.

Some of these students might have engaged for the first time, while others were seasoned student activists taking charge of political organizing efforts. More 18 to 29 -year-olds voted in 2012 than in 2008, which is worth noting since the youth vote has been historically low.

There are mainly two kinds of people; those who see what they view as an injustice and act on it and others who may or may not see an injustice, but do not do anything about it.

People who advocate on behalf of a cause are generally considered to be activists, and while there are certainly those who dedicate their lives to certain causes or to community organizing, there is no reason why the average young person should not consider themselves part of the political process.

Whether you are concerned for the better ment of society or primarily for the bettermen of yourself and your family and friends, both are respectable motivations to pay attention to the world around you and participate in it.

The new generation of voters had a big part in the increased diversity of our government House Democrats became the first majorparty caucus that is not a majority of white men: there are now 58 women, 43 blacks, 27 Latinos and 10 Asian-Americans.

Congress has the highest number of women
and LGBT members yet, as well as people of eastern faiths, such as Hinduism and Buddhism.
New Hampshire became the first state to elect an all-woman house and senate delegation and governor. Maryland and Maine became the first states to legalize gay marriage through popular vote. Colorado and Washington legalized the sale and use of recreational marijuana.

Young people today have more power than any generation prior because we have so much information and methods of communication at our fingertips. A few minutes on the Internet can result in dozens of pages of information that would be much harder to find just 10 years ago. Yet, this new medium for the public sphere has also made us less patient and privy to expecting instant gratification.

The political process is not meant to entertain you. Analyzing your own budget, let alone how the state budget could affect you, can be quite boring. Making your way through political jargon is a headache and not many would be excited to spend their afternoon reading the text of a bill.

But it is more important than ever to keep yourself educated, interested and involved in public life. The next election may not be for another four years, but the next board of trustees meeting
is in January. They may vote on the three fee life and go to the board's next meetings Jan. increases they proposed in November, or they may not, but either way their decisions will impact your education and your wallet.

Keep showing the board of trustees that you do care about your education and your

22 and 23 .

The semester is almost over, but don't sigh relief yet, put your education to use because you still have (hopefully) 60 more years to live.



## HLESBSHATBCHMES

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## Geme Sismel Solutions

## Commonym \＃1

1．they are caught
2．they are tossed
3．they are popped
4．they have caps
5．they have tongues 6．they have anchors
7．they are magazines
8．they have lanes
9．they lift
10．they have checks

## Commonym \＃2

1．they have waves
2．they are hitched
3．they are balanced
4．they have tanks
5．they have scores
6．they have bowls
7．they are filled
8．they have picks
9．they are bucks
10．they deliver

## Crytpogram \＃1

＂If your lifeguard duties were as good as your singing，
a lot of people would be drowning．＂

## Crytpogram \＃2

＂There are two types of education．One teaches us how to make a living，and the other how to live．＂

## Logic Puzzle \＃1：Boys in the Band

Daniel－truck driver－Cleveland－ 21
Darren－pizza delivery－San Francisco－ 22
Greg－carpenter－Seattle－ 19
Patrick－waiter－New York－ 20

## Logic Puzzle \＃2：Megabucks Movies

Nick Page－comedy－Las Vegas－March－$\$ 12 m$
Steve Connelly－science fiction－Los Angeles－May－\＄11m Tom Rowe－action－New York－July－\＄15m Will Bryce－horror－Boston－October－$\$ 9 \mathrm{~m}$

Symbo－Logical \＃1
$\Delta=7 \square=6 \quad \square=3$

Symbo－Logical \＃2

$$
\square=36 \quad \Delta=28 \quad \square=8 \quad t=7
$$

Los Angeles Times Crossword

|  |  |  |
| :---: | :---: | :---: |
| AVON |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| O | W ${ }^{\text {A }}$ |  |
| A Y | NE |  |
|  | YGu | T |
|  |  |  |
| 0 |  |  |
| OR |  |  |
| B 0 B | YMCFI |  |
| $1{ }^{\circ}$ |  |  |
| To | m |  |
| As／K | EREEC | s／N |

## Sudoku \＃1

† LG92। 86 6
 $\downarrow 86 \mathrm{~s} \downarrow$ を $\mathrm{t}<9$


与2 $\downarrow 169<\varepsilon 8$ ＜6ト2と89から


| Sudoku \＃2 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | 4 |
|  | 6 | $\varepsilon$ s | 8 | 4 |  | 91 |
|  | g | L9 | 6 | 1 |  | \＆ 8 |
|  | － | $2 \angle$ | 9 | 8 |  | $\downarrow$ ¢ |
|  | $\varepsilon$ | t | 9 | 6 |  | 29 |
| 9 | 9 | 8 | t | $\varepsilon$ | L |  |
|  | 2 | 96 | L | 9 | 1 |  |
| 8 | ＜ | 1t | $\varepsilon$ | z |  | 6 s |
|  | － | 68 | 1 | s |  |  |

## Sudoku \＃3


 † $\varepsilon<8+2969$
 ＜6与88129t $9 \vdash \varepsilon ट \vdash \angle 896$己G t 19868 L


## Sudoku \＃4


 $8+9 \mathrm{~s}+6 \mathrm{~L}$ を
 † 9 トع 8 G 6 乙 L 68 L $\downarrow$ ヤと9

 | 9 | $\angle 8$ | 2 | $\varepsilon$ | $t$ | $\dagger$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

[^1]ONE KIND WORD CAN WARM THREE WINTER MONTHS

## Fall's top athletes honored



CSUN forward Sagi Lev-Ari goes for a header against University of San Diego. The Sundial named Lev-Ari the team's Most Valuable Player, in part because of his I5 goals.

$\mathbf{N}$orthridge athletics had amazing seasons in men's and women's soccer, both making it to the NCAA tournament and grabbing their respective Big West titles, while women's volleyball battled its way to a thirdplace finish in Big West via a 21-win season.

Each team had multiple postseason accolades and Big West nods to celebrate, while some key players rewrote the CSUN record books. Here are the athletes that have been chosen as the standout players of the fall semester.

## Most Valuable Player

Sagi Lev- Ari
Sophomore forward, Men's Soccer

Lev-Ari played in all of CSUN's 22 matches, started in 21 , and led the Big West in goals with 15 on the year. In postseason play, the sophomore won Big West MVP honors after scoring two goals in two games, both game-winners. He was named to the Big West Second Team in only his first season with the Matadors and tallied 30 points in 2012

## Cynthia Jacobo

Senior goalkeeper, Women's Soccer

Jacobo nabbed her second Big West Goalkeeper of the Year award after a stellar season that saw the senior put up 11 shutouts en route to also being selected to the NSCAA All-West Region squad. Jacobo makes 106 saves on the year and finishes her career with CSUN records in career victories (33), career shutouts (27), career minutes $(6,058: 07)$ and career GAA (0.94).

## Offensive Player

Edwin Rivas
Sophomore forward, Men's Soccer
Rivas came into the season as a member of the Big West Preseason All-Conference Team and didn't disappoint in 2012. The sophomore did a little bit of everything for CSUN scoring eight goals, tallying four assists and putting up a team-high 31 shots on goal in 20 starts. Rivas scored two winning goals for the Matadors and was selected to the Big West First Team for his efforts at forward

## Sydney Gedryn

Junior setter, Women's Volleyball
Gedryn, a 2011 Big West First Team honoree, was the driving force behind the CSUN attack game and tallied 1,159 assists in a team-high 118 sets in 2012. The setter averaged nearly 10 assists a set and had a hand in 140 blocks, 16 solo. She also managed to place 19 service aces and blasted 161 kills en route to 258 points for CSUN. Gedryn was again named to the Big West First Team after this season.

## Defensive Player <br> Joe Franco

Senior defender, Men's Soccer
Franco came into his senior season on a mission to claim the Big West title and did so with solid leadership on a defense that frustrated conference opponents all season. Franco and Co. held their opponents scoreless in both Big West playoff games en route to the title while Franco claimed Big West Defensive Player of the Year for 2012.

## Cindy Ortiz

Senior libero, Women's Volleyball

Ortiz was solid on defense for the Matadors with 556 digs, bringing her total count to a

CSUN record 1,456 digs. Ortiz also contributed in assists with 102 on the year, good enough for second on the team, and 22 service aces. Despite coming on the team as a walk-on, Ortiz will walk away from her senior season as one of, if not, the greatest libero the Matadors have ever had.

## Freshmen

## David Turcios

Freshman midfielder, Men's Soccer

Turcios played a vital part in his inaugural season with the Matadors. The midfielder had six assists, good enough for third on the team, on the year and scored his first goal on Sept. 28 against UC Davis in a 2-0 Northridge victory.

## Cieana Stinson

Freshman middle blocker, Women's Volleyball
Stinson had a great season with 210 kills in 103 sets with her best game coming against Long Beach State on Sept. 27 when she swung for 18 kills and hit .389 percent. She also had 89 blocks, 10 solo, and two service aces on the year.

## Head Coach

Keith West
Women's Socce
West led the Matadors to its first-ever Big West title with a 6-1-2 record in conference, good enough to send CSUN to good enough to send CSUN to school history.

## Terry Davila

Men's Soccer
Davila earned the Big West and NSCAA West Region Head Coach of the Year awards after leading his team to its first-ever Big West championship victory with a 7-3 conference record The title gave CSUN its first trip to the NCAA tournament since 2005.


FILE PHOTO / DAILY SUNDIAL
CSUN goalie Cynthia Jacobo clears the line. She was named CSUN's team MVP.


[^0]:    1. Hair - A Brain - An Ocean
    2. A Bride \& Groom - A Boat \& Trailer - A Horse \& Buggy
    3. A Scale - A Tire - A Checkbook
    4. An Aquarium - An Army - A Car
    5. A Sports Page - A Movie - A Broadway Musical
    6. A Cook - A Toilet - College Football
    7. A Doughnut - A Cavity - A Prescription
    8. A Coal Miner - A Dentist - A Guitar Player
    9. A Male Goat - A Dollar - A Male Rabbit
    10. A Doctor - A Mailman - Domino's
[^1]:    The hidden sentence is：

