

Utah State University

DigitalCommons@USU

The Utah Statesman

Students

1-30-2014

The Utah Statesman, January 30, 2014

Utah State University

Follow this and additional works at: <https://digitalcommons.usu.edu/newspapers>

Recommended Citation

Utah State University, "The Utah Statesman, January 30, 2014" (2014). *The Utah Statesman*. 698.
<https://digitalcommons.usu.edu/newspapers/698>

This Book is brought to you for free and open access by the Students at DigitalCommons@USU. It has been accepted for inclusion in The Utah Statesman by an authorized administrator of DigitalCommons@USU. For more information, please contact digitalcommons@usu.edu.



Science Week moves forward with a bang

Physics demonstrations teach and entertain students

By Lis Stewart
news editor

Rocks floated, eggs showed their super strength, balloons exploded and electricity flew at the “What’s Cool About Physics?” demo show during Common Hour on Wednesday in the TSC Ballroom as part of Science Week.

Physics department lab supervisor James Coburn entertained and educated students with a variety of tricks common to demonstrations he does in valley elementaries.

“The fire marshal allowed me to do things in this room that you’re not normally allowed to do in this room,” he said to the audience.

He later exploded a hydrogen-filled balloon by holding a torch to it, to the screams and cheers of audience members.

Coburn started the show off by demonstrating water density. He asked the audience if wood floats, then ducks — or at least a rubber

duck. Both bobbed at the top of the glass tank.

“And sure enough, you can make rocks float,” he said as he placed a chunk of pumice in the water.

Audience members gasped as he placed a 10-pound bowling ball in the water. The ball hovered just above the tank’s bottom. Coburn explained a 10-pound, but not 12-pound bowling ball can float because it is just barely less dense than water.

Kellie Erickson, a senator for the College of Science, said this was her first time watching one of Coburn’s demos. Her favorite part was the Tesla coil, Coburn’s finale.

“This one over here is the one you’ve been waiting for,” he said, gesturing to the large device at the end of the stage. “This is a Tesla coil.”

The crowd “Ooh’d.”

Tesla coils, named after



USU LAB SUPERVISOR JAMES COBURN demonstrates how a vortex cannon works by sending smoke rings across the audience of the TSC Ballroom on Wednesday. Coburn does physics demonstrations at schools across the valley.

Legislators hitting tough issues in the 2014 session

By Eric Jungblut
copy editor

Monday marked the opening session of the 2014 Utah Legislature, and there are several key issues Utah lawmakers will have to address for the coming year.

1. Education

Gov. Gary Herbert’s proposed budget for the 2014-15 fiscal year asks for more than \$5 billion to go toward public education, but some legislators are asking for more money.

Several bills regarding education funding are up for debate this session, including Senate Bill 118, which would phase out tax credits for married couples with children over a five-year period and use the extra income for K-12 school improvement plans.

2. Air Quality

Utah’s winter air quality is often worst in the nation and at times rivals the air quality of smog-choked Beijing. Herbert has set money aside for air quality research, and there is a bipartisan effort in the House of Representatives to push through legislation that would encourage Utahns to buy cleaner cars, use public transportation like buses or the TRAX and upgrade older state vehicles and school buses.

Air in Salt Lake City and Cache Valley reached hazardous levels last week, more than double the federally-accepted levels of pollution per cubic meter of air. Thousands of protesters gathered outside the state capitol Saturday asking lawmakers to pass legisla-

USU/SA candidates submit applications

By Danielle Manley
assistant news editor

Shelby Frauen said she expected more candidates to run for USU Student Association elections. There are 30 students running for 16 student government positions, with eight candidates running unopposed.

Frauen thought each position would at least have two candidates, especially compared to the 48 students who were plying for votes last year.

Nevertheless, Frauen, the elections committee chair, and her co-chair Kaela Baucom are planning a detailed week of events for the 2014 student

elections.

“We are planning down to the detail,” Frauen said. “That will make the week so much smoother. We’re running a huge campaign for the elections. Most of our budget is going toward campaigning for elections week.”

“We hope to raise attendance. We hope the candidates show up at the events. We’re giving them an opportunity to voice their platform.”

Along with planning events like debates, town halls and banquets, Frauen and Baucom are also responsible for enforcing the recently amended election bylaws.

A sometimes confusing subject, off-campus campaigning, was changed to include apartment buildings. But the candidate must have permission from the manager of the residence and the tenant involved if necessary. If a candidate wants to hang a large banner or sheet from the side of an apartment building, the tenants in that section and the manager must approve.

Candidates are also not allowed to use vehicles for campaigns.

ble for enforcing the recently amended election bylaws.

A sometimes confusing subject, off-campus campaigning, was changed to include apartment buildings. But the candidate must have permission from the manager of the residence and the tenant involved if necessary. If a candidate wants to hang a large banner or sheet from the side of an apartment building, the tenants in that section and the manager must approve.

Candidates are also not allowed to use vehicles for campaigns.

The other off-campus campaigning rules stem from Logan city code.

Concerning on-campus campaigning, candidates are not allowed to lobby in residence halls or other USU buildings. Distribution of campaign materials are limited to flyers.

Another change to the bylaws is that a student with two declared majors in more than one college may vote for more than one academic senator of the respective college.

Social media campaigns begin on Feb. 17 and on-campus campaigns

USU Distance Ed is ranked nationally

By David Berg
staff writer

USU’s Regional Campuses and Distance Education Program was recently ranked 48th in the nation as part the 2014 edition of the U.S. News and World Report.

According to Robert Wagner, vice provost of Distance Education, more than 2,000 schools submitted applications and just more than 200 schools received a ranking. No other school in Utah was ranked in the list.

“Our program provides access to education in flexible ways,” Wagner said.

One of the options students can take is online courses. USU offers more than 350 online courses and eight online bachelor degrees. There are also six online master’s degrees. The master’s online program ranked 70th in the same report.

Rankings in the U.S. News and World Report were based on five requirements: student engagement, faculty credentials, peer reputation, student services and technology.

According to Wagner, part of the success of the program stems from the land-grant mission USU follows. USU has a presence in each county in Utah, either through the regional campuses or the smaller education centers. Classes are also available through broadcast courses.

More than 500 faculty are employed by the program. Angie Minichiello, principal instructor of engineering at the Brigham City Regional Campus, has been involved in the Distance Education program for the last five years.

“It’s a great program,” Minichiello said. “It fills an important need,”

Minichiello said one of the benefits of the program is the availability of classes in the evening. Many of her students are in their late 20s or 30s and are balancing families and work while also getting a degree. The program also provides an environment for a variety of learning styles.

Minichiello said the technology has had its drawbacks, as a large portion of the student interaction comes through

Get Social

Follow us on Twitter @UtahStatesman



Kylee Larsen photo

BLAIR LARSEN about fault lines in her Monday night GEO 3100 course. The class is part of USU’s Regional Campuses and Distance Education Program, the only Utah program of its kind ranked recently in a national report.

computers. However, the technology has recently seen several improvements.

“Because of the technology, there are always new approaches,” Minichiello said.

Minichiello echoed Wagner in expressing that the primary benefit of the Distance Education program is the flexibility it provides in earning a degree.

Quitting behaviors identified in biz professor’s study

By Marissa Neeley
staff writer

A USU associate professor’s study that identifies signs of when an employee is going to quit their job is on its way to being published.

Tim Gardner said his research on how to tell if an employee is going quit their employment is applicable to both employees and employers now and in the future.

Gardner looked through online articles and found 53 cues of people leaving their jobs that were not backed up.

“We surveyed two groups of graduate students at two different graduate schools with work experience,” Gardner said. “We surveyed 100 managers and asked for cues that someone is leaving.”

There were 668 cues that people were leaving, Gardner said. They got rid of the duplicate responses, which narrowed it down to 116 cues.

“We surveyed about 150 managers and randomly asked them into two groups where they would describe current employees or employees that recently left,” Gardner said. “We asked them to look at the 116 cues and to say what they do and do not see.”

This reduced the list to 58 cues, he said. They were able to distinguish turnover employees and current employees and predict within a 75 percent accuracy whether behaviors describe someone who has quit or is going to quit.

“The positive way of looking at it is if managers can predict if employees are leaving,

Nation & World

In brief

Ukrainian PM resigns as protestors dismantle

The Ukrainian government repealed its anti-protest laws on Tuesday, the same day Prime Minister Mykola Azarov resigned along in an attempt to subdue protesters.

The Ukrainian government now is examining how to deal with amnesty for jailed protesters. President Viktor Yanukovich wants amnesty to be conditional on people leaving public buildings and dismantling barricades.

Former president Ukrainian Leonid Kravchuk has warned parliament to “act with the greatest responsibility” with its actions about jailed protesters because he thinks the country is on the “brink of civil war.”

Ukrainian protesters said they will not be satisfied until president Yanukovich resigns.

Shooter opens fire at Maryland shopping mall

A lone gunman opened fire in a shopping mall in Maryland on Saturday. Three people died in the exchange, including the gunman himself.

The shooter was 19 years old and was armed with a shotgun and a bag with two homemade explosives that later needed to be disabled.

The two victims were Briana Benholo, 21, and Tyler Johnson, 25. They were both employees at a store called Zumiez, where the shooting took place. The motive has remained unclear.

Snow, icy conditions shut down Atlanta

Just more than two inches of snow fell in Atlanta on Tuesday, effectively shutting down the city. Schools were canceled and businesses were closed. In the early afternoon and people went to the streets to head home, buy food and pick up children.

Atlanta wasn't prepared for the snow, so with the icy conditions there was a multitude of crashes and traffic jams on the streets and people were stuck in their cars for hours, almost a full day. Children were stuck at schools and people were stuck in public businesses. Nearly 8,000 students spent the night in school gyms or on busses across Georgia and Atlanta.

Syria balks at UN plan for peace

Syria's government has said it will debate a U.N.-backed plan that sets out a way to end the three-year conflict. This is viewed as a “positive step forward” by the opposition. The largest conflict in the peace talks of Geneva has been the idea of a transition process for the Syrian government.

However, while peace talks ensue, there are still hoards of misplaced Syrian refugees. The British government said Wednesday they will take in hundreds of the “most vulnerable” refugees from Syria. The U.K. is just the most recent to accept Syrian refugees as other countries across Europe have already agreed to take in some refugees. The U.S. is the only country not putting a limit on the amount of refugees they take in while Germany has the highest limit, agreeing to take in up to 11,000.

► Compiled from staff and media reports

1,000 concerns sent to myVoice

► By Christopher Nicholson
staff writer

Just a few months after the myVoice online comment program debuted, student leaders are confident it is fulfilling its promise.

Daryn Frischknecht, Student Advocate vice president, calculated just under 1,000 submissions have been received to date.

“That’s a lot of voices being heard that otherwise wouldn’t have been,” she said.

The myVoice program, which was implemented last October, promises students an opportunity to “help improve Utah State by sharing your comments, concerns or suggestions online.”

Casey Saxton, Public Relations director for the USU Student Association, said the new program received more than 500 submissions during its campaign week in November.

“It’s dropped somewhat, but we still get a handful a day,” he said.

“It’s made a huge impact on the administration,” said Doug Fiefia, USU/SA president. “I know they’re all on board, and it’s made a huge impact on Utah State. There’s been some changes that, without it, I don’t think we would ever have heard of them.”

Saxton explained how these voices are heard. Whenever a complaint or suggestion is submitted to myVoice, it is automatically collected in a mutual email account shared by USU/SA officers.

The president’s cabinet then assists in filtering it into one of several categories: parking, dining, housing, activities and so on. Student body officers serve as go-betweens with administrators in these various categories to implement changes and improvements and make sure every submission is responded to in a timely manner.

“We’re looking at all these submissions and trying to put them into action whenever we can,” Frischknecht said.

One change requested by several students and now being put into action was a greater number

of microwaves available at the Taggart Student Center, she said. USU/SA is currently working with administrators and Dining Services to receive approval for more microwaves, order them and secure facilities to put them in.

Saxton said many submissions center around the parking and driving situation on campus.

“A lot of students and drivers are very concerned about the crosswalk between the HPER building and the parking terrace, especially during peak hours,” Saxton said.

For many of these issues there is no short-term solution, and sometimes USU/SA can only respond to such submissions with some advice to ameliorate the difficulties. However, notwithstanding it will be a slow process, Saxton said they will bring up the crosswalk concerns and advocate for them to be addressed.

Closer to fruition are plans to increase safety by adding stop signs and mirrors to the crosswalk between the Natural Resources building, Biology and Natural Resources building and Merrill-Cazier Library. Saxton credited this idea to the feedback obtained through myVoice.

Not all submissions have to do with convenience or safety.

“One concern that I think is very good is that the elevator in the parking terrace under the LLC has crude writing all over the wall,” Saxton said. “That creates a bad image for Utah State University as a whole.”

To submit to myVoice, Frischknecht explained, log into myUSU at my.usu.edu. At the right of the screen is a myVoice box. Click to select “complaint,” “suggestion” or “comment,” choose which category the submission is related to, and write

Doug Fiefia
USU/SA president

“There’s been some changes that, without (myVoice), I don’t think we would have heard of them.”

what it is.

“A lot of people aren’t motivated to talk in person, but it’s easily accessible online whenever they have a few minutes,” Saxton said.

He said people with serious concerns inappropriate for an online form should talk directly to Frischknecht. When submissions are discussed amongst student officers or with administrators, student confidentiality is maintained.

Saxton is hopeful for the future of myVoice.

“We will continue to improve the ‘back end,’” he said, referring to the process of handling submissions after they are received. “Obviously it’s a new program and still has some rough patches, but we’re continually improving it.”

“What we’re working on currently is making sure the process is more streamlined,” Fiefia said. “I think here in the next few weeks we will have had it to where myVoice concerns will come in, and we can almost answer the concern and get it to the administration the same day.”

Saxton said he hopes it will continue over time, not just this year, but next year.

“The university administrators will know what to expect,” he said. “They’ll know that students are going to raise concerns, and USU/SA will bring them up.”

“Hopefully from now on the message goes out that you matter and that you have a voice and that when you send a concern it will be looked at and it can change, and there are a lot of things that have changed because of myVoice,” Fiefia said.

– c.r.nicholson@aggiemail.usu.edu
Twitter: @alien236

Running

From Page 1

start on Feb. 25. Primary voting is open from 7 a.m. Feb. 25 to 3 p.m. Feb. 26. Final voting is held from 7 a.m. Feb. 27 to 3 p.m. Feb. 28.

The candidates, as accepted by the elections committee, are:

President:
Ryan Lambert
Joshua LaFevre
Douglas Fiefia

Executive VP:
Matthew Ditto
Spencer Steadman

Student Advocate VP:
Casey Saxton

Programming VP:
Zoe Fairbairn

Athletics & Campus Recreation VP:
Dallin Laird

Organizations & Campus Diversity VP:
Geoff Andrews

Service VP:
Leah Calder
Sharon Lyman

Agriculture & Applied Sciences Senator:
Casey Major
Katharine Nye
Casey Spackman

Arts Senator:
Samuel Wright

Business Senator:
Brian Godfrey
Scott Laneri
Spencer Stevens

Engineering Senator:
Tyson Alder
Stetson Bassett
Kade Beck
Cody Pickering

Education and Human Services Senator:
Shelby Clayson

Graduate Studies Senator:
Derek Hastings

Humanities & Social Sciences Senator:
Ashton Bingham
Nick Clason
Andy Pierucci

Natural Resources Senator:
Patrick Adams
Adam Fisher

Science Senator:
Mikayla Mills

Online

From Page 1

Josh Mason, a sophomore in mechanical engineering, said he benefited from this increased access. As a father of six kids, his close proximity to the Brigham City campus has been a part of his success.

“For my situation, it is the ideal,” Mason said.

One problem Mason said he has encountered is that there is sometimes a lack of resources. For example, it can sometimes be a hassle to get the books he needs. However, this is small in comparison to what he has been able to accomplish.

For Robert Wagner, his job’s greatest perk is that he gets to travel all over Utah and meet students just like Mason. The stories of these students are the proof-positive that the Distance Education program

is living up to its mission. Wagner said he is amazed at what these students do to earn their degrees.

“Students continue to reach their goals, even when other challenges might prohibit them,” Wagner said.

To find out more about the Distance Education program, go to the program’s website at distance.usu.edu.

– david.berg@aggiemail.usu.edu

Hanging by the air



Loy Andrus photo

A MEMBER OF “MY BAD CREW” demonstrates his skills with other members of his break dancing team Monday night in the Taggart Student Center International Lounge. They have performed at various events at USU.

CRESTWOODS

Brentwood Lynwood Edgewood

880N 650 E #8 Logan, UT 84321 755-3181

Call or text Larry @ 435-770-7826 for more information about where you really want to live!

Brentwood

Edgewood

Lynwood

Practially on campus • Full bath in each bedroom • Spacious • Comcast Hi-speed internet • Washer/dryer Furnished

Behavior

From Page 1

they can try to prevent them from leaving,” Gardner said. “They may give them a different assignment, see if there are problems with clients or colleagues.”

However, there is a downside as well.

“The dark side is that managers could let employees go if they feel they are going to go,” Gardner said. “There is a fear of sabotage or stealing of clients or company secrets when an employee gives a two weeks’ notice.”

Some behaviors that were not seen but one would expect to be seen when an employee left included working less hard, less willing to help others on projects, taking more time off, missing work for doctor appointments or taking more vacation days.

Behaviors thought to show up but in scientific analysis didn’t show up included employees seeking outside jobs, talking about time in the future when they would not working at that job, comparing pay to other companies, work avoidance, negligence, outspokenness and clock punching.

“What was predictive is disengagement,” Gardner said. “Employees who were less happy and less interested in pleasing management.”

In the last two employees to leave USU Charter Credit Union, there was one who showed signs they were about to leave and there was one where there weren’t any signs, said David Butterfield, the credit union’s president.

“The first one had become really disengaged and even negative,” Butterfield said. “They were really kind of signalled that they were looking to leave. 80 percent of the time, that’s what we see.”

Amy Hansen, house manager for The Elements restaurant, saw similar signs about two recent employees who left her employment.

“The one I was not shocked,” Hansen said. “He was always late. He would make up an excuse; something happened, or he forgot something or wouldn’t show up.”

Gardner gave advice for students as employees and future employers.

“As employees, managers assume the worst when they quit,” he said. “In general, there’s a negative perception. As you look for another job, continue enthusiasm and working hard until ready to go. Keep effort and motivation up. Find out what has happened when employees give a two weeks notice. Give termination accordingly.”

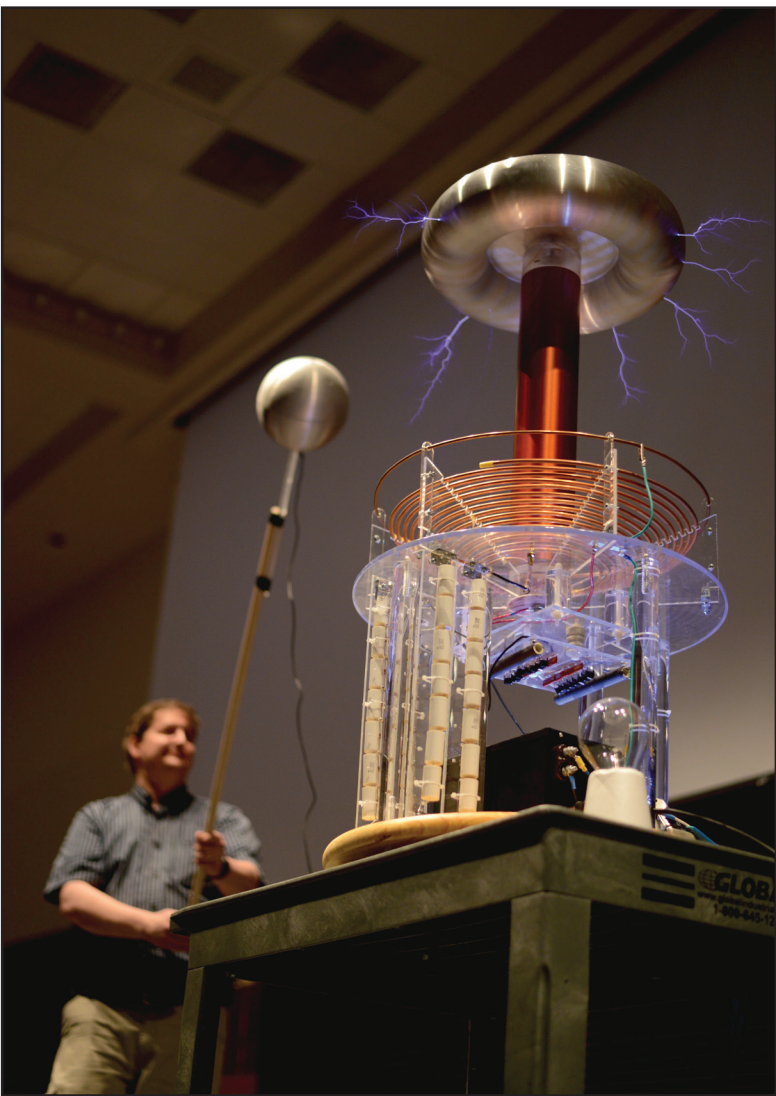
Butterfield said abruptly leaving is never a good idea.

“Abruptly quitting leaves a bad taste in an employer’s mouth,” Butterfield said. “It’s a small world. You never know if you will need a job from them again. We’ve had people who have quit and then for different reasons, they want to come back.”

“We have people who have left well,” he added. “In fact, we just hired a gal back who had left to have a baby a couple of years ago, and we were more than happy to hire her back. We’ve had other people who wanted to come back and we were like, ‘No.’ When they abruptly or quickly leave, you’re not likely to hire them back or recommend them. It’s always best to give your employer time to prepare.”

As future employers, people don’t need to wait until someone quits to know if they are leaving, Gardner said. There are lots of cues and signals about future behaviors.

“For the other one, I didn’t see that one coming,” Hansen said. “It was out of the blue. It is hit and miss. Some people you can read and some people come and say that they don’t want to work here anymore. There are a lot of times when people start to become bothered by having to go to work. People start to come on the disgruntled side. You know within a month that they are going to quit.”



Physics

From Page 1

Serbian-American inventor Nikola Tesla, are a special circuit invented by Tesla in 1891. They are often used in educational demonstrations to show how electricity transmits wirelessly.

The coil is always a hit at demonstrations, said Jacob Dansie, a member of the Society of Physics Students. Dansie and the club assists with the valley demonstrations and helped build the coil used by Coburn.

“Tesla’s pretty much the father of modern society as we know it, at least modern industry,” Dansie said. “He did three-phase induction, built brushless motors, which you find in everything.

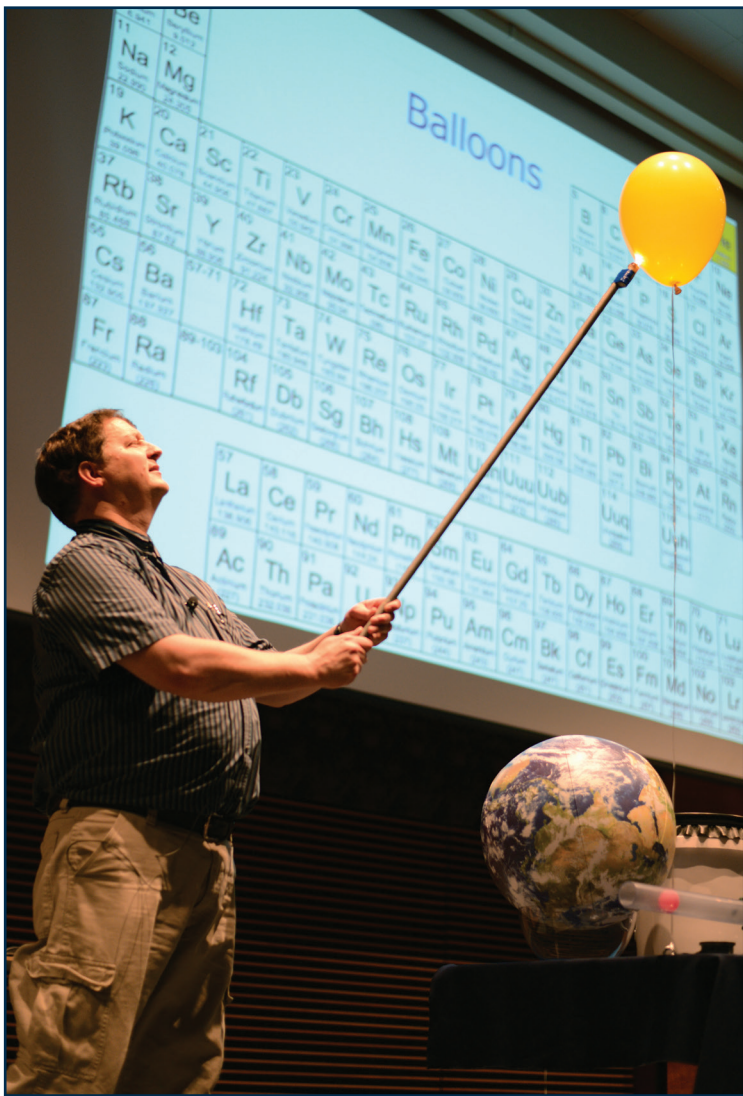
“Mostly, Tesla just took everything that was existing, like with motors and induction and current, and he improved it vastly.”

Dansie built the big vortex cannon used at Wednesday’s show. A vortex cannon shoots air rings similar to smoke rings, only visible. At the show, however, they actually did shoot smoke rings by focusing a fog machine inside for a few seconds and then setting it off.

“Whenever anything explodes, people love that,” Dansie said. “Like, boom.”

Coburn’s showing skills are well-known, Dansie said.

“This is what he does. He’s the physics showman of the university,” Dansie said. “He’s in charge of a lot more than that, but that’s what he’s famous for.”



Mikayla Kapp photos

JAMES COBURN shows how electricity can be transferred through the air by holding up a metal ball on a wooden stick to the Tesla coil built by USU physics students at the demonstration show Wednesday in the TSC Ballroom, left. Right, Coburn demonstrates how flammable hydrogen is by holding a torch to it and causing it to explode in the balloon. He compared it to a helium balloon, which did not have near the theatrical effect.

Check out the rest of Science Week

Science Week continues today with drop in resume editing and taking professional pictures from 9-11 a.m. at USU Career Services in the basement of the University Inn, Erickson said. That evening, the Science Council will honor students in their college at an invitation-only dinner.

On Friday, students can come write thank you notes to science professors from 8 a.m. to noon in buildings with science classrooms across campus, she said. That night, elemental bingo, based on the periodic table of elements, will be held from 7:30-8:30 p.m. in the Engineering building, room 103.

The week will end with a dance in the Health, Physical Education and Recreation building gymnasium from 8-11 p.m. Students are free with their USU ID card, and the first 150 attendees receive free sunglasses.

Issues

From Page 1

tion to curb the pollution.

3. Alcohol

Rep. Craig Powell, R-Heber City, has proposed legislation that would get rid of a 2009 rule requiring alcoholic beverages to be prepared out-of-view of a customer — a rule dubbed the “Zion curtain.” His bill would also get rid of rules requiring restaurants to serve alcoholic beverages only if customers order food first.

The Church of Jesus Christ of Latter-day Saints issued a statement last week asking legislators not to amend any existing alcohol regulations. Beer is the only alcoholic beverage that can be sold in supermarkets and stores in Utah, but it must be between 3.2 and 4 percent alcohol by volume. Harder liquor is sold only in authorized state liquor stores.

4. Same-sex marriage

The status of Utah’s more than 1,000 same-sex couples married after a district judge ruled the state’s ban on same-sex marriage unconstitutional in December remains in legal

limbo as the state challenges the ruling. A decision regarding the ruling is expected later in the spring.

Lawmakers have put forward legislation that would make religious institutions exempt from performing same-sex marriages if performing them would go against the institution’s teachings.

5. Medicaid expansion

Herbert announced Utah would expand Medicaid in compliance with the Patient Protection and Affordable Care Act last week.

According to the healthcare.gov, a single person making less than \$15,800 per year or a family of four making less than \$32,500 in 2013 can qualify for Medicaid; these numbers will likely be slightly higher in 2014.

“Doing nothing is not an option,” Herbert told reporters at his monthly news conference Jan. 26. “We have about 60,000 people in the state of Utah that live below the poverty line... I’m going to work with the Legislature to find a solution to that problem. We have 45 days, and we will have a solution by the end of this session.”

— ej.jungblut@gmail.com
Twitter: @JungblutEric



get your aggie on

UTAHSTATESMAN.COM

Apply for the



FJ Management Scholarship

Available to **any** USU student

- Recipients receive a cash award, up to \$5,000 per year
- Scholarship recipients must be a former or current **employee**, or the spouse or child of a former or current employee of Flying J or the FJ Management Corporation
- Recipients must have a minimum GPA of 3.0

Apply online at
huntsman.usu.edu/fjscholarship

Applications due:
February 28, 2014



Chinese New Year

This year, Chinese New Year begins Jan. 31 and ends Feb. 18, 2015; according to the Chinese calendar, it is the year 4712.

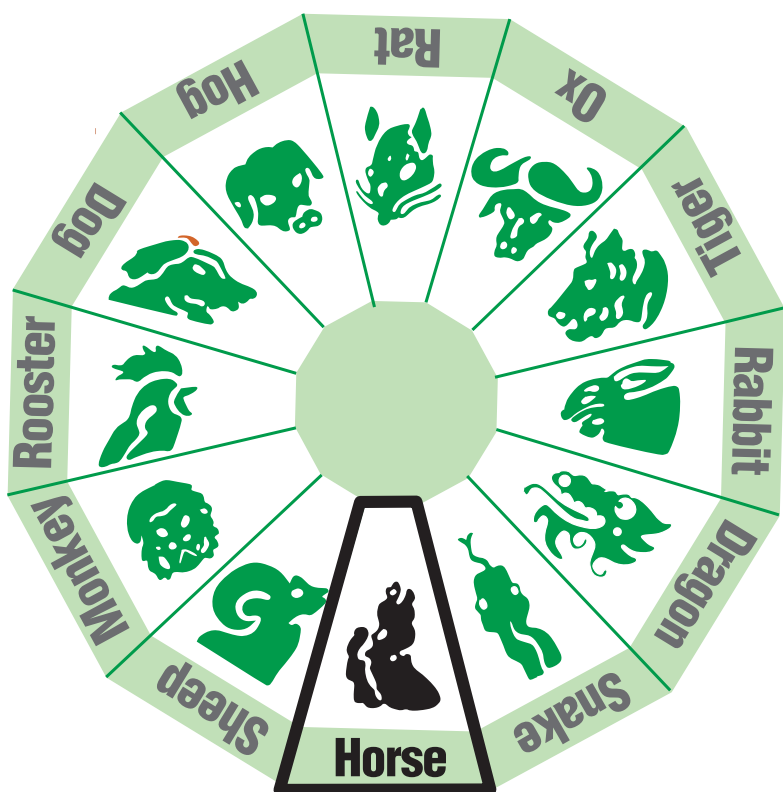
馬年

Year
of the
Horse

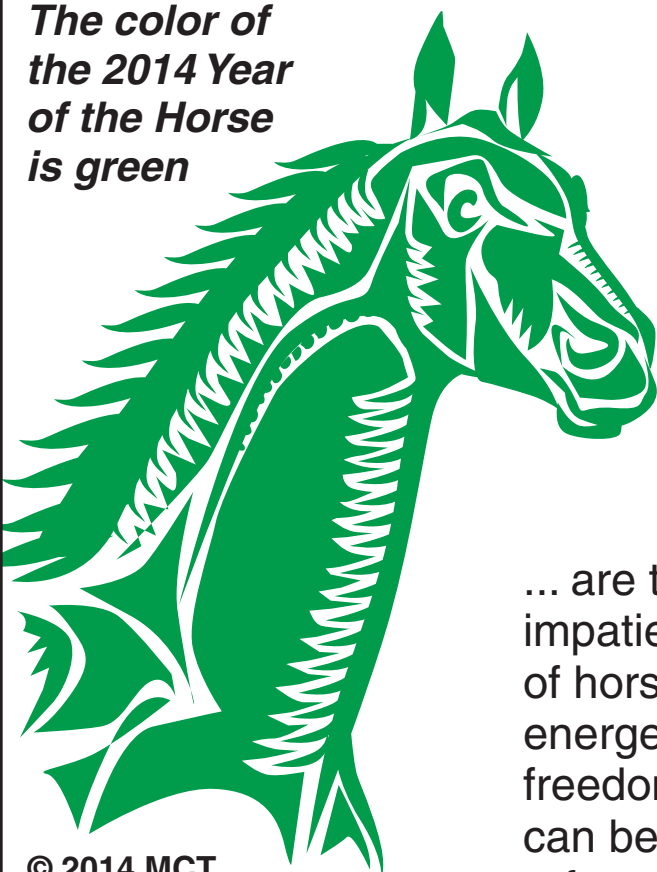
The calendar

Each lunar year is governed by one of 12 animals whose characteristics are tempered by one of the five Chinese elements, metal, water, wood, fire and earth, which overlay a 5-year cycle of characteristics on the original 12-year cycle

Dates to 2600 B.C., when Emperor Huang Ti introduced the first cycle of the zodiac



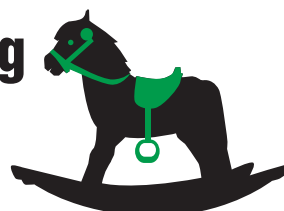
The color of the 2014 Year of the Horse is green



© 2014 MCT
Source: Chinese websites
Graphic: Tim Goheen

This Year of the Horse begins a new 12-year cycle of the Chinese zodiac along with the element wood

Those born during the Year of the Wood Horse



... are the most reasonable and less impatient than the other five types of horses; horses in general are active, energetic, strong-willed and strive for freedom and happiness; sometimes they can be extremely independent and refuse to listen to advice

Steve's macho bachelor floorbed escapade

Here is some rapid-fire back-story for you: I'm getting married.

Yep. No typos. Someone in our modern, pattern-functioning society looked at this college humor columnist with the physique of an overused down feather body pillow and actually said, "I want to coexist with that."

Miracles happen, America. In case you aren't aware, the engagement portion of the whole majestic travail of matri-

mony is one of the more stressful parts of the commitment. After plans, booking, informing relatives and registering at stores which you, as a dude, thought only sold candles, you learn wedding planning takes quite the lump sum of time.

Now believe me, this isn't sour grapes - I mean, it'd better not be, because overripe grapes will ruin the sorbet and we worked so hard to have a

➤ See FLOORBED, Page 5



Learning curves



Loy Andrus photo illustration

USU STUDENTS listen to a professor lecture during a class. Around 600 students take MATH 1010 and MATH 1050 each year.

USU offers many resources for those who are in danger of failing classes

► By Marissa Neeley
staff writer

Many students struggle in general education classes, but help is available, according to Tiffany Tolman, peer advisor for the Academic Resource Center.

Some of the most commonly failed classes within the last 13 years at USU include Math 1010, Math 1050 and PSY 1010.

"PSY 1010 is a difficult course for a few reasons," said Scott Bates, associate professor of psychology. "The first is that students expect the material to be easy. After all, psychology is perceived as 'common sense.' The reality is that psychology is a social science with many counter-intuitive results. The content is seen as easy. The content is not easy. Second, it is a very diverse course with content ranging from neuroscience and brain function to social interactions, to the nature of intelligence, to the social-scientific method. The field is broad, and so is the course."

Christopher Corcoran, assistant department head for the mathematics and statistics department, said Math 1010 and 1050 are failed because the Quantitative Literacy requirement at USU is fairly narrow in what students can take. He said they are required as prerequisites, so students have to take them.

"Math 1010 and 1050 are heavily enrolled," Corcoran said. "There are 600 students taking Math 1050 every semester."

Course:	Failures:
MATH 1010	5,679
MATH 1050	4,535
ENGL 1010	3,703
PSY 1010	2,776
USU 1330	2,284
USU 1320	2,177
ENGL 2010	2,105
MATH 1100	2,024
STAT 1040	1,909
BIOL 1010	1,908

MANY OF THE USU'S MOST-FAILED CLASSES over the last 13 years have been general education classes.

He said about 4 percent of the student body as a whole takes Math 1050 each semester, and 8 percent of credit hours over an average student's academic career are in the mathematics and statistics department.

Linda Skabelund, head of the math advising office, helps students to get into classes they need and want.

"You go to any state university and you will be taking Math 1010 and 1050 unless you have an AP score or high placement score," Skabelund said.

Corcoran said the advising office was created was to help students with QL requirements and math for their majors. He said another tool used to help students get into the right math class is the math

➤ See FAIL, Page 9



CLARKSBURG · BRESLAW · STONELEIGH
Logan's Premier Student Apartments

Accepting Applications for Summer and Next School Year

CLARKSBURG

BRESLAW

STONELEIGH



677 EAST 600 NORTH

679 EAST 600 NORTH

675 EAST 600 NORTH

- Single Student Apartments
- Across the Street from Campus
- Fully Furnished
- Private Bedrooms and Bathrooms
- Desk, Bed, Bookshelves in Bedrooms
- Large Closets - Vacuum
- Living Room with TV, DVD, and VCR
- Modern Fully Equipped Kitchens
- Digital Cable TV with Outlets in Bedrooms
- Washer and Dryer in each Apartment
- Central Heating and Air Conditioning
- Wireless Internet Service
- Private Parking - No Hassles
- Fire Places

www.cbsapartments.com

For more information call Darla • (435) 770-0900 • darladclark@comcast.net

Floorbed

From Page 4

sorbet that is both tasty and matches the welcome rug quilt arrangement for the guests to sign — but the toughest fact in this process is for the dude in wait to filter out what dude stuff the dude will have to let go of. This is why any soon-to-be expensive ring consolidators need consider this advice: Enjoy the guy stuff now. All of it. Take nothing for bravado granted.

I'll share an example, and then you'll understand, because dude stuff is easy to relate to. Sure, perhaps our adventures in machismo come in very different forms, but trust me when I say you'll be fully on board when I tell you about floorbed.

It started almost two years ago. I walked into my bedroom at an entirely unholy hour because I was out at Wal-Mart for an emergency purchase — “purchase” in this case clarified to mean, “We were out of ice cream sandwiches,” — and attempted to settle in for a short slumber before an early rise.

Sure, it seemed simple. It was a few easy steps: find a mattress, slip your embodiment on top of said mattress, apply extruded fabric to the top of embodiment if need be, then commence to temporary co-matose and dreaming about meeting Omar Gooding from “Wild and Crazy Kids.”

But you see, here's the thing. I was fresh off of half my weight in ice cream sandwiches and a bustling ten-minute drive in — and I refuse to put this mildly — some slush. In as many ways as one can surmise, my body was soaking in emotional gravity like a sudden breakup, or any episode of “7th Heaven.”

To put it in verbiage y'all 18-year-olds can understand, I was “Sooooo tired!” — it's four Os, right? I'm bad at unnecessary melodrama.

All at once, it hit me ascending to upper mattress form was no longer in the cards. I had to find a way to sleep and execute it in such a way that elevation was not a prerequisite.

That's when it hit me. My mattress had a pad on it. Lightweight,

adjustable, mildly keeps your body from sensing any notion of the ground below. It was the M&M's Minis of bedding.

Just like that, the solution was obvious. In my best “Royal Rumble” fashion, I pried the pad off of the mattress and flopped it on the floor, then adhered myself to the pad like a python set to sneak on every Disney animal character ever. This, in all it's definitive prowess, was the birth of floorbed.

It may not have made sense at the time, but floorbed added convenience to my life like you can't imagine. It was comfy enough to ease me into slumber but firm enough that it made my back crane to the point where I had to get up on time to mitigate an onslaught of paralysis. I moved my computer to the raised bed and worked on it while standing on a daily basis, which realized every “Star Trek: The Next Generation” fantasy I'd had since I was 9 years old, and I finally had a something that filled in the rest of my flooring and kept me from giving in to my yoga impulses. What turned into working hard in an effort to be lazy became the periodical rest phenomenon.

Floorbed remained for several months, until “the man” deemed it “a fire hazard” because it was “placed directly on top of two heating vents.” Balderdash if you ask me, but I didn't see the need to rattle too many cages.

Every now and then, when I'm feeling adventurous, floorbed makes a cameo for a night, maybe two, just to remind me of those bygone pleasures. But as of late it makes itself known much more frequently, because one day it'll be gone, replaced by a queen-size mainstream sleep platform with blankets I'll never get to use and a nightstand worth more than my car payment.

It's no fun, but I'll do it for love. Until then, I'll do floorbed. For me.

— Steve Schwartzman is a senior finishing a degree in communication studies. With eight years of column writing and improvisational comedy under his belt, he lives to make you laugh. Send thoughts to steve.schwartzman@aggiemail.usu.edu

USU professor assists Grammy nominee

Guitar-teaching Christiansen's playing featured in record

► By Paul Christiansen
 staff writer

Corey Christiansen, professor of guitar studies at USU, has been called a gifted musician by music critics, far and wide. That recognition was taken to a new level when he lent his guitar playing to acclaimed jazz composer Chuck Owen for his Grammy-nominated record “River Runs.”

Christiansen said it was a privilege to be included as a part of the album.

“It's epic,” Christiansen said, describing what he thinks is Owen's best work. “I mean, that word is so overused in pop culture right now, but I'm not sure what other word to use for it. It's just huge in scope.”

Owen was made one of the John Simon Guggenheim Memorial Foundation's Fellows in Music Composition in 2009. The honor includes a grant of several thousand dollars, which varies according to each individual fellow's needs and can be spent as the receiver sees fit.

While many recipients might see the cash prize as a payoff for the work they've done over the years, Christiansen said Owen used the award money to further his work in composition.

“I know he dumped all of that reward into his art, which is really the mark of a true artist,” Christiansen said. “Chuck thought it was the catalyst to do something really big and keep propelling.”

During his graduate studies at the University of South Florida, Christiansen developed a friendship and work-

ing relationship with Owen, his composition instructor. Since that time, Owen has featured Christiansen on several of his recordings.

“Chuck has used me in his band on and off for years to do the textural guitar parts,” Christiansen said.

He said he often plays and records “quirky guitar parts” and instruments that aren't typically heard in standard jazz writing, including classical, steel-string and 12-string guitars.

“That just goes to show Chuck is really thinking all the time,” Christiansen said. “He's always taking ideas from other artists that he hears and he likes, thinking, ‘Man, I like that sound. How can I put that into my writing for the jazz band?’ He doesn't really limit himself to the idea of doing what most people do.”

Craig Jessop, dean for the Caine College of the Arts, praised Christiansen's past work and applauded his part in “River Runs.”

“We are very proud of Corey's spectacular honor and achievement,” Jessop said in a news release. “It doesn't get any bigger in the music business than the Grammys.”

Christiansen, like Owen, said he tries to never limit himself. Several of his own albums have reached critical acclaim, but he believes 2013's “Lone Prairie” is his strongest work to date — an album that embodies his experiences

and progression through music over the past 35 years, from cowboy tunes in his youth to bluegrass and Appalachian music in his adulthood to jazz studies in his professional life.

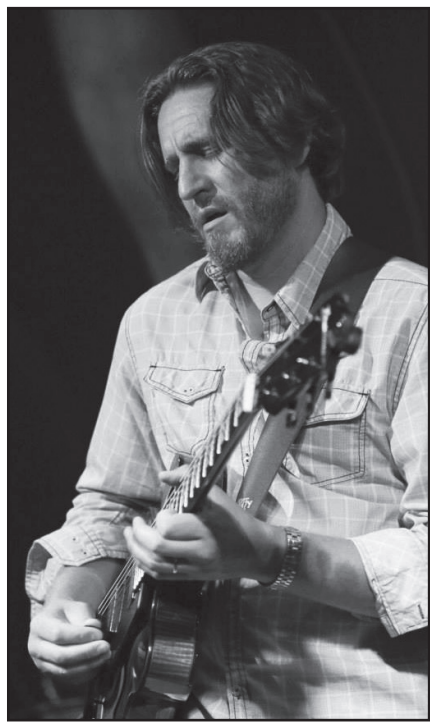


Photo courtesy of Mark Sheldon Photography

USU's COREY CHRISTIANSEN, guitar professor, played in Chuck Owen's record “River Runs,” which was nominated for a Grammy.

“Lone Prairie” is kind of a crazy project in a bunch of ways because usually, as a jazz guitarist, there's kind of a set repertoire that you draw from or you write original music that's related to some of that repertoire that you play,” he said. “But this was all based on old cowboy tunes, and for the most part really old tunes. Some of these date back into the 1800s — the 1850s, 1860s and maybe older.”

As he researched, compiled and arranged jazz instrumental versions of these old cowboy tunes, Christiansen found most of the subject matter “told a dark story” in spite of the pleasant, happy melodies throughout.

Most of the songs featured on “Lone Prairie” are centered around death, Christiansen said, and two of the most recognizable are Marty Robbins' “El Paso” and Spaghetti Western scorer

► See MUSIC, Page 9

‘Edenbrooke’: a romance novel with more than a ‘happily ever after’

Yep, it's another romance. Are you surprised? It's me, the hopeless romantic, but this has to be one of the best romance novels yet: “Edenbrooke” by Julianne Donaldson. Remember it.

Donaldson is a brand-new Utah author. “Edenbrooke” is her well-done first novel that came out in March 2012. She integrates everything you could possibly want from a Regency romance: an unwanted suitor, matchmaking, danger, a misunderstanding, a young girl struggling with trials, a very handsome main character, a large inheritance and a beautiful estate. On top of that, Donaldson integrates some great wit and humor.

Did I mention a very handsome love interest? The best part, though, is how she wraps everything up at the end. Most Regency romance novels I read end with the declaration of love. As



Good reads

soon as the miscommunication or the misunderstanding is cleared, the man or the woman finally realizes they love the other, or each other, and everything ends — usually with me sighing or squealing. But not Donaldson.

To be honest, I was expecting to turn the page and see the acknowledgements. Authors are so cruel when they get you into their story and all of a sudden, you turn the page and it's over. You're sure your copy is defective and there is a copy out there with the rest of the story; so you can imagine my surprise when, after Philip read Marianne's confession of love and “thoroughly kissed” her, I turned the page to discover another chapter of delicious story.

Yes, I just said delicious story. Moving on. Donaldson reserves her last chapter to discuss wedding plans and to reveal what life is like

after such a declaration of love. The book ends with our heroine and hero finally off to have that game of chess they've meaning to play throughout the whole book.

Sigh. A high school classmate and teacher referred me to the book. That classmate told me it was all she could think about after reading it. Working at Great Harvest Bread Company was hard for her because her mind was on the book. Now, I can relate. All I can think about is how different it is. Finally, the main character isn't in some far-away place like London. Finally, she's relatable to me. She does some embarrassing things, and of course, she finds someone who thought her embarrassing acts were endearing.

The main character Marianne could, in fact, be relatable to everyone. She struggles with the death of her mother, the absence of her father and comparing herself to her outgoing, beautiful twin sister. She struggles with not having the accomplishments society expects of her. Her weakness of believing rumors is something not unheard of today. She jumps to conclusions.

But in the end, she's smart and loyal. She's a good person, and she tries hard.

This story sure was an emotional rollercoaster though; not in the a physical-tears-down-face way “Les Miserables” or “War Horse” did. Its style is more of a smiling-ridiculously-and-squealing-to-yourself then switching to saying, “Oh, no,” and being thoroughly worried about what's to happen next.

Ultimately, it was really difficult to contain my excitement, enthusiasm; what have you. I couldn't put the book down. I was enthralled; still am, actually. I was up reading it until 1 a.m. Monday morning. Was I tired? Yes. Was it worth it? Yes. Would I do it over again? Duh.

— Marissa Neeley is a freshman majoring in history with an emphasis in history teaching. She is an avid reader, reading anything from historical fiction and fantasy to romance and nonfiction.

Send any comments to marissa.neeley@aggiemail.usu.edu

DEADLINE:
 4:00 PM
 February 3, 2014

DROP-OFF LOCATION:
 The English Department Office
 RWST 201

CATEGORIES:
 You may submit one entry in each of these categories:

Poetry (one entry is up to three poems)
 Short Fiction (maximum 17 pages)
 Non-Fiction Essay (maximum 17 pages)
 Artwork/Photography (maximum 20 submissions)

USU's Creative Writing Contest
 and *Scribendi*

www.facebook.com/USUCreativeWritingContest



Thursday Sports

Utah State University • Logan, Utah • www.utahstatesman.com



Delayne Ripplinger photo

HEAD COACH STEW MORRILL REACTS TO A PLAY during USU's loss to San Diego State on Saturday at the Dee Glen Smith Spectrum. The Aggies suffered an overtime loss to the then-No. 7 Aztecs.

FREE FALLING

Aggies falter in conference play rough stretch

► **By Jeff Dahdah**
assistant sports editor

The Utah State University men's basketball team finished up a rough January with a 78-65 loss at home Tuesday to New Mexico. The loss was the team's sixth of the month compared to two wins. The Aggies were also 0-4 on the road in January.

The month started out with a one-point road loss to Air Force in the final game of center Jarred Shaw's suspension. They were upset on the road 10 days later by Nevada.

"Any part of the game that is physical right now, we want no part of," said head coach Stew Morrill after the Nevada loss. "And that's just not been the makeup of Utah State basketball. We want no part of physicality. That should embarrass our guys

a little bit. I'm not throwing any of our players under the bus. It's my fault when our guys don't play hard enough."

The Aggies did have a win against Colorado State, an NCAA Tournament team last year, at home on Jan. 15, but that was their last win. They have now lost four-straight games: at Boise State, at UNLV, to San Diego State and to New Mexico. Their average loss margin has been 10.5 points in those games.

"We've just got to pull together. I mean, we have two choices: You can lay down and give up, or you can just keep fighting," said guard Spencer Butterfield after an overtime loss to San Diego State. "The good thing about this team is that we keep fighting and we are going to keep fighting the rest of the season, and we are going to bounce back."

The Aggies will try to get their first road win in 2014 on Saturday against Wyoming and will try to snap their four-game losing streak.

— dahdahjm@gmail.com
Twitter: @dahdahus

FOOTBALL

Vigil brothers provide strong foundation for Aggies

► **By Calvin Makelky**
staff writer

"The brotherhood of football ... is the strongest brotherhood known to man as far as I'm concerned," said Erk Russell, former defensive coordinator at the University of Georgia.

For brothers Zach and Nick Vigil on the Utah State football team, that saying rings especially true.

Zach, the older of the two, is a redshirt junior inside linebacker who has been at USU since the beginning of the Gary Anderson era. On the other hand, Nick, at outside linebacker, just got his first year of playing time as a redshirt freshman.

The contrast continues personality-wise.

"I'm more laid-back, I'd say," Nick said. "Zach is more organized, likes to be on a schedule, I feel like. I just kinda go with it. Whatever comes around, goes around."

Who could be more complimentary of the other seemed to be the sibling rivalry of the day, as both brothers couldn't

Zach Vigil
USU football

"Nick is the better athlete. He's always had that gift. He's a lot more athletic than I am."

seem to say enough about the other.

Who is the better athlete?

"Nick is the better athlete," Zach said. "He's always had that gift. He's a lot more athletic than I am, faster than I am."

"Everything lifting-related, Zach would win," Nick said. "And he watches more film than probably anybody on the team."

Born just two years apart, this inside-out duo has presumably been a terror for years growing up.

"Nope, never have played

football together," Nick said.

As it turns out, while Zach was playing football at Clearfield High School, their parents bought some land in the Fremont area, where Nick began attending.

"My senior year, they started building their house, and then instead of Nick going to one school then transferring, he just started to go Fremont right away," Zach said.

Both brothers took different routes to where they are today.

For Zach, the road has been anything but easy. Although he was an All-State safety and wide receiver in high school, just trying to get a scholarship proved challenging. The one man who took an interest in him though was Kevin Clune, who was then the defensive coordinator at Weber State.

Just before Clune could offer him a scholarship, however, Clune was hired as the linebackers coach at USU when Gary Anderson took over. Zach still thought he was going to get a scholarship



Delayne Ripplinger photo

NICK VIGIL AND ZACH VIGIL eye a Wildcat ball carrier during USU's win over Weber State on Sept. 14 at Romney Stadium.

at Weber State, but when on his visit they told him they would not be offering him a scholarship, he immediately contacted Clune and was able to walk on at USU.

From there, he worked his way up with a blue collar-like work ethic similar to what Nick described and earned

a coveted scholarship. After injuries marred the beginning of his career, he broke out his sophomore year with more than 100 tackles and was named second team All-WAC in 2012.

To follow that up this past season, he showcased his strength and knack for the

ball as he posted more than 120 tackles.

Zach, a very vocal person, seems to have all the qualities coaches look for in leaders. He drew rave reviews from USU defensive coordinator Todd Orlando.

► See **BROTHERS**, Page 7

THIS WEEK IN UTAH STATE ATHLETICS

MEN'S TENNIS VS. MONTANA
FRIDAY, JANUARY 31 | 11 A.M.
SPORTS ACADEMY & RACQUET CLUB

WOMEN'S BASKETBALL VS. WYOMING
SATURDAY, FEBRUARY 1 | 7 P.M.
DEE GLEN SMITH SPECTRUM
GREEK CHALLENGE

MEN'S BASKETBALL VS. NEVADA
WEDNESDAY, FEBRUARY 5 | 7 P.M.

GYMNASTICS VS. DENVER
FRIDAY, FEBRUARY 21 | 7 P.M.
DEE GLEN SMITH SPECTRUM

Top-10 Super Bowls in history

Jeff Dahdah

The Cardinal Rule



With the Super Bowl right around the corner, I thought it would be good to look at the best Super Bowls ever.

1. XLII: New York Giants 17, New England Patriots 14

Not only was this a good game, but it was possibly the biggest Super Bowl upset of all time. The Patriots were 18-0 going into the game and the Giants had barely made it into the playoffs. Nobody gave the Giants a chance. The line for the Patriots was -13.5, yet the Giants made the late game comeback and won in the closing seconds. It also provided us with the famous catch on top of David Tyree's helmet after Eli Manning broke through an onslaught of Patriot defensive linemen.

2. XXXIV: St. Louis Rams 23, Tennessee Titans 16

The Titans would come back from a 16-point deficit to lose the game by one yard. On the final play of the game, Steve McNair completed a pass to Kevin Dyson, who was met by Ram's linebacker Mike Jones. As Jones took Dyson down, Dyson stretched for the goal line. Just as the clock struck zero, Dyson hit the ground with the ball less than one yard away from the end zone.

3. XXIII: San Francisco 49ers 20, Cincinnati Bengals 16

This is another game remembered for late-game heroics. The 49ers were down 16-13 with 3:10 left in the game when Joe Montana led the 49ers 92 yards down the field to take the lead. Though Montana led the drive, Jerry Rice took home the MVP honors with his Super Bowl-record 215 yards on 11 receptions.

4. XXV: New York Giants 20, Buffalo Bills 19

Come on, it's the only Super Bowl decided by one point. The Bills were led down the field by Jim Kelly only to have a field goal attempt by Scott Norwood sail wide right in the closing seconds of the game. This is one of the most famous field goal misses ever.

5. XLII: Pittsburgh Steelers 27, Arizona Cardinals 23

The Cardinals were down 20-7 going into the fourth quarter. That's when Kurt Warner and Larry Fitzgerald connected twice for touchdowns in the quarter, including a 62-yarder up the middle that gave the Cardinals a 23-20 lead with fewer than three minutes to play. However, the Steelers woke back up in time for Ben Roethlisberger to lead the Steelers down and find Antonio Holmes in the corner of the end zone for the go-ahead touchdown with 35 seconds left in the game.

6. XXXVI: New England Patriots 20, St. Louis Rams 17

This is the third time Warner has been on this list. This time he was with "the greatest show on turf." I know it is hard to imagine the Patriots and Tom Brady as underdogs, but they were predicted to lose by 14 points. Brady was just some second-year quarterback playing fill-in for the legendary Drew Bledsoe. However, he led the Patriots to the 3-point

win, sealed by Adam Vinatieri's game winning 48-yard field goal.

7. X: Pittsburgh Steelers 21, Dallas Cowboys 17

This was the first of the many meetings between the Steelers and Cowboys in the Super Bowl. It featured two great quarterbacks, Terry Bradshaw and Roger Staubach. Staubach led a late game comeback that came up short.

8. XXXII: Denver Broncos 31, Green Bay Packers 24

This was when John Elway finally won his Super Bowl. He had failed on his first three attempts, but in this Super Bowl he beat Brett Favre. Historically one of the best quarterback matchups in which a running back, Terrell Davis, won the MVP.

9. III: New York Jets 16, Baltimore Colts 7

The Jets did not get much of a chance going into the game, but Joe Namath guaranteed a win. The Jets went up by 16, and Johnny Unitas could not bring the Colts back. The Jets have not been to a Super Bowl since.

10. XLIV: New Orleans Saints 31, Indianapolis Colts 17

The Colts were in a prime position with one of the best quarterbacks, Peyton Manning, to come back and tie the game. Manning was 26 yards away from tying the game when Tracy Porter picked him off and took it all the way back for a touchdown to seal the game.

— Jeffrey Dahdah is a sophomore studying statistics and journalism. He is a die-hard Cardinals, Rams, Jazz and Aggies fan. He loves sports statistics and loves using them to analyze a sports and prove his points. If you have something to say to him, feel free to email him at dahdahjm@gmail.com or tweet at him @dahdahUSU.

State your case:

Will the No. 1 offense or the No. 1 defense emerge victorious in Super Bowl XLVIII?



By Curtis Lundstrom
sports editor



By Logan Jones
staff writer

LAST WEEK'S WINNER

Is there any doubt it's Denver's year?

You've got a two-time Super Bowl champion running the franchise he won those rings with in John Elway. Leading his team his a future Hall of Famer and one of, if not the greatest quarterbacks, in NFL history in Peyton Manning.

At Manning's disposal are three of the league's most prolific receivers in D. Thomas, W. Welker and E. Decker. And don't forget tight end J. Thomas, as well as running backs K. Moreno and M. Ball.

Manning — the smartest quarterback in league history — just has too many weapons for even Seattle's No. 1-ranked defense.

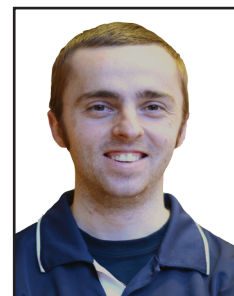
Denver is going to put up 20-plus points; they're just too versatile.

So while everyone else will be watching the No. 1 offense vs. the No. 1 defense, the game is going to be decided by the way Seattle's offense performs against Denver's defense.

In two playoff games, the Broncos have recorded six sacks, allowed just 129 total rushing yards (64.5 per game), 450 passing yards (225.0 per game) and 33 points (16.5 per game).

Let's compare that to Seattle. In two playoff games, Seattle has three sacks, allowed 269 rushing yards (134.5 per game), 456 passing yards (228.0 per game) and 32 points (16 per game).

So all things considered, it's hard to argue against Denver as the better all-around complete team. Throw in a couple of X-factors like age — Seattle has zero players with Super Bowl experience — and location — MetLife Stadium isn't CenturyLink Field — I just can't see Seattle claiming its first ever Lombardi Trophy.



LUNDSTROM

Peyton Manning and Russell Wilson both rank in the top-five in long passing plays this season, but Denver's defense has given up 37 passes of 25 yards or more this year, good for eighth-worst in the league at defending the long ball — bad news for Broncos fans.

Seattle's defense has held teams to just a little more than 14 points a game this season, and they've done it with physicality and pressure unmatched by the rest of the league. The Seahawks give up the fewest passing yards per game, the fewest total yards per game and the fewest big plays of 25 or more yards per game — just 15.

Seattle's secondary is an interception machine, totalling 28 this season. Though Manning will undoubtedly do his best to study Seattle's defense, the pressure the Seahawks attack with will force him to make snap-decisions — one of the reasons the Seahawks force turnovers on 20 percent of their opponents' drives, another league-leading mark.

Manning had zero interceptions and wasn't sacked in the AFC Championship game and wasn't sacked once. Unless he's suddenly become a mobile new-school quarterback who can pick up first downs with his legs, those stats won't be repeated against Seattle.

On the other side of the ball, Russell Wilson will benefit from the return of speedy wideout Percy Harvin.

Denver's defense will be forced to risk either single-covering the oft-injured Harvin or collapse its defense around him, leaving open opportunities for Harvin's teammates downfield.

Defense wins championships. All time, league-leading offenses are 10-8 in the Super Bowl — league-best defenses are 12-3.



JONES

Brothers

From Page 6

"Zach is as professional as professional gets in terms of preparing for the game, understanding assignments, being a leader," Orlando said. "If you could bottle that up as a coach and be able to use that as part of teaching, that would be awesome."

Looking back to when Weber State didn't offer him a scholarship, Zach equated his feeling today to a Garth Brooks song "Unanswered Prayers," which describes how some of the best prayers are the ones that go unanswered. Considering the 70-7 bashing Weber State took from USU this past season, it definitely seems like it has all worked out for the better.

As for Nick, it was his offense, not defense, that shined throughout high school. Nick shredded defenses in prep football at Fremont High School where he amassed more than 3,600 yards and 45 touchdowns as the star running back.

"I actually didn't play defense all through high school until senior year when I played safety," Nick said.

Due to his speed and athleticism, USU moved him to outside linebacker once he was in Logan. Despite the unfamiliarity with the position and defense in general, Nick's ability was obvious to the coaches.

"As he started to develop in fall camp. We started to see his playmaking ability," Orlando said. "He's got great wiggle, and he can get around people and find the football."

After a redshirt year, the plan was to bring Nick along gradually this past season.

"We tried to groom him so we didn't throw him into the fire," Orlando said. "Nick's progress was helped along most prominently by two linebackers. Zach and Jake Doughty really took him underneath their wing. From a coaching standpoint, you couldn't give that guy what his older brother did."

Zach described the situation a bit differently.

"The biggest thing is I knew the defense a lot better than he did," he said. "He's young and our defense is pretty complicated, so I just wanted to let him feel comfortable and let him play how he can play."

Nick led the Aggies in sacks this past season in his first year playing linebacker, highlighted by a monster game against Wyoming with three-and-a-half sacks, which earned him Mountain West Defensive Player of the Week honors.

Zach and Orlando were hardly surprised about Nick's sudden success.

"That's just a taste of what is about to come," Zach said. "The biggest thing is he is going to get smarter. The more reps he gets at that speed ... his future is very bright here."

"You know you had something pretty special on your hands," Orlando said before the season started.

Is an NFL future in the cards?

"God-willing," Nick said. "You have to be pretty special to play at that level as everyone knows."

Zach did not seem to have any doubts.

"Nick is a tremendous athlete and can play at any level if he wants to, if he puts his mind to it," he said.

As for those who helped develop their traits as people,



Samantha Behl photo

ZACH VIGIL, LEFT, AND BROTHER NICK VIGIL, RIGHT, discuss playing together on the USU football team. Both play linebacker and have had an impact for the Aggies.

both credited their parents.

"They have done a tremendous job raising us and loving us and allowing us to pursue what we want to pursue," Zach said. "We have a huge family and tremendous family support."

That support from the Vigil family was on display all season, with a family appearance on the jumbotron being a sure bet for winning best tailgate picture.

"They win the tailgate thing pretty often," Zach said.

"They also sit in the south end zone and make a ton of noise. ... It's pretty cool to have that kind of following, especially this next year with Nick and I hopefully both being starters."

Although the Vigils are a

very tight-knit family, sometimes keeping a healthy distance away from each other is best for everyone.

"No, I'd kill him," Nick said of living with Zach. "We actually live like four houses apart."

Zach echoed that sentiment.

"It's close enough but far enough," he said. "He stays sometimes with me in the summer because I keep my lease all year and those few weeks are ... very long."

And who is best when it comes to getting dates?

"Nick does," Zach said. "Nick always gets all the girls, 'Look how cute he is.' When you're better looking, faster, leaner; who doesn't want that?"

Nick had different feelings.

"Oh God. They want biceps. Zach has got the biceps," Nick said.

— cmakelky@gmail.com
Twitter: @makelky

FREE

AND EASY 1040EZ

Limited Time Offer

Free Simple Federal Tax Return.

What's black and white and FREE all over? Federal Form 1040EZ. Pay nothing when H&R Block tax experts prepare your 2013 simple federal return. Put our expertise to work on your refund.

Don't wait! Offer expires **February 15, 2014**. Offer valid only at

**547 North Main Street
Logan, UT 84321 752-1651**
Mon-Fri 9 am to 9 pm
Saturday 9 am to 5 pm

H&R BLOCK
HRBLOCK.COM

Type of federal return is based on a taxpayer's personal situation and IRS rules/regulations. Form 1040EZ is generally used by single/married taxpayers with taxable income under \$100,000, no dependents, no itemized deductions, and certain types of income (including wages, salaries, tips, taxable scholarships, or fellowship grants, and unemployment compensation). Additional fees apply for the Earned Income Credit and if you file any other returns such as city or local income tax returns, or if you select other products and services such as Refund Anticipation Check. Available at participating U.S. offices. Expires February 15, 2014. OBTP#B13696 ©2013 HRB Tax Group, Inc.

Certified Quality.

- Wedding Invitations and Paper Goods • Resumes
- Fliers • Commercial Printing
- Dissertations, Projects

When You Need it Done RIGHT! and Right Now.

SQUARE ONE
PRINTING

630 West 200 North, Logan • 753-8875

Stalemates in Congress don't actually help anyone

Paul Christiansen



The Book of Paul

For the past five years, President Barack Obama has spoken to Congress and the nation in his winter State of the Union addresses. While he has sought Congress's cooperation in forging a pathway of bipartisanship, his pleas have been largely ignored by the majority of U.S. representatives.

And where has that left our nation's citizens? Quite simply, we've been children caught in the middle of feuding parents, watching as both sides ignore each other and attempt to raise us using completely different methods. This process has left us victim to a bevy of good intentions that never got wrapped up — immigration reform, improving education, regulations on and background checks of potential gun buyers and a raised minimum wage that could serve as a living wage.

All of these topics have fallen by the wayside, but the president's Tuesday address was different, and, hopefully, effective.

Obama brought to light an obvious fact many of us don't — or possibly refuse to — see. Congress, with a Republican majority in the House of Representatives that exhibits unfaltering opposition, has become the end of the road for discussion on economic improvement, the combat of income inequality and entitlement programs for citizens in need. Rather than keep butting heads with the resistant body, Obama vowed to focus on actions that can be implemented through executive orders, bypassing Congress altogether if it fails to reach a compromise.

"The question for everyone in this chamber, running through every decision we make this year, is whether we are going to help or hinder this progress," Obama said. "For several years now, this town has been consumed by a rancorous argument over the proper size of the federal government. It's an important debate — one that dates back to our very founding. But when that debate prevents us from carrying out even the most basic functions of our democracy — when our differences shut down government or threaten the full faith and credit of the United States — then we are not doing right by the American people."

With 168 executive or-

►See PAUL, Page 9

Utah's Zion curtain needs to fall to help ease state tensions

The Utah legislative general session has begun.

It's such an exciting time of the year for a political science nerd such as me. It is also an important time for every citizen of Utah. I encourage everyone to keep updated on the bills discussed for the next month. If an issue comes up that you are passionate about, contact your legislators. Our state representatives and state senators are surprisingly accessible. They sincerely want feedback from their constituents. Please email them or write them, follow them on Twitter and friend them on Facebook.

SHENEMAN



Andy Pierucci

Pierucci's Politics

Make your voice heard.

One piece of legislation I am following concerns Utah's liquor laws. The Zion curtain needs to fall. Now you might be asking yourself, "What in the world is the Zion curtain?" The Zion curtain is not an obscure Cold War Soviet wall, but the strict liquor laws in Utah that require drinks to be made behind partitions in restaurants. Such restrictive laws are harmful to small business owners and create unnecessary contention in our communities.

Rep. Kraig Powell, R-Heber City, has proposed a bill that would tear down the curtain. In addition, his bill would allow customers at restaurants to order alcoholic beverages without having food. Currently, if a patron wants to order an alcoholic beverage at a restaurant, they must also order food. This puts waiters in an awkward position and turns off out-of-state visitors.

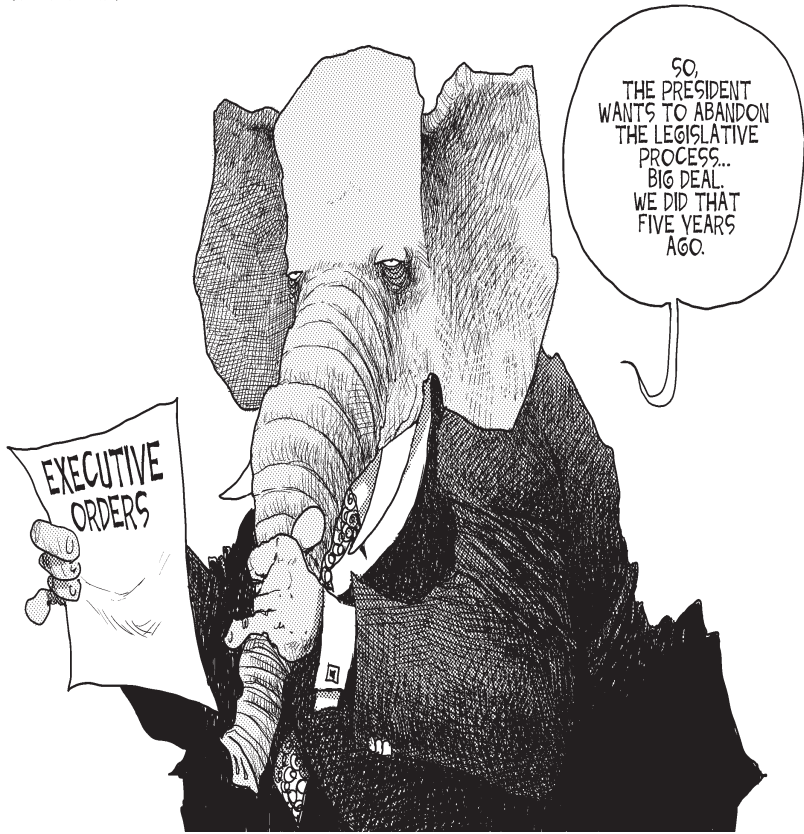
Some argue the current laws protect the moral fiber of our society. It's not like kids can watch people drinking alcohol on television these days; oh wait, they can. I am a mem-

ber of the Church of Jesus Christ of Latter-day Saints, and I don't drink. I believe alcohol is bad for the body and the soul, but I recognize the fact that there are many people who do not believe the same things I do. Regulations like the Zion curtain only further cultural and religious tensions in Utah. I believe it is far better to allow one to exercise their God-given agency and decide for themselves than to curtail their decision making process through government regulations.

The Zion curtain is also an economic burden upon Utah's small businesses. For a people who place such a high value on entrepreneurship, we have remained surprisingly silent in the face of such blatant anti-business policies. In addition, Utah's tourism industry is taking a beating because of the current alcohol laws.

Binge drinking, DUIs, underage drinking, alcoholism: These are serious issues that need to be addressed, but the Zion curtain does

►See PIERUCCI, Page 9



Young: Sexism hurts both conservatives, feminists

By Cathy Young
Newsday (MCT)

Wendy Davis, the Texas state senator and Democratic candidate for governor, catapulted to national fame last year after she held an 11-hour filibuster trying to block a bill restricting late-term abortions. Feminists and liberals hailed her as a heroine for our time: a single mom who worked her way up from trailer-park poverty to a Harvard law degree and a career in politics.

But now, this female version of the American success story seems compromised by revelations that her rise was helped by her second husband, whom she later divorced — voluntarily giving him custody of her two daughters, including the one from her first marriage. Republicans are slamming Davis as an opportunist; Democrats defend her as a victim of sexist attacks. In fact, the complexities of her story

Cathy Young

"This female version of the American success story seems compromised."

have unsettling lessons for conservatives and feminists.

Questioning the veracity of Davis' official life story is not sexist. The bio on her campaign site says she earned her law degree "with the help of academic scholarships, student loans, and state and federal grants." It omits second husband Jeffery Davis, a lawyer who cashed out his 401(k) and took out a loan to help pay her tuition and housing in Massachusetts — while he stayed in their

Fort Worth home with the two kids.

Davis did not (as some critics are implying) lie about this part of her past. She mentioned Jeffery Davis' role in putting her through law school in interviews to two small Texas newspapers in September, months before the Dallas Morning News treated this as explosive new information. Still, she has publicly emphasized her struggle as a young divorced mother and her success as a self-made woman.

Would a male politician have gotten better treatment? If he had promoted himself as a single dad who made it on his own, and it then turned out a wife had financed his education and cared for his kids — only to get ditched just as his career took off — it's doubtful that the media would have been very kind. Men in politics aren't exactly spared controversy

►See SEXISM, Page 9

Calling all complainers

Step up, don't let USU/SA candidates run unopposed

No fewer than eight USU/SA candidates are running unopposed for office this year. This means \$44,800 in free scholarship money is being handed out because there simply wasn't any other interest. That's money partially funded by the student fees you and I pay.

That disgusts me. But, we can still do something to fix it. Don't let these candidates run by themselves. The deadline to declare candidacy was Monday, but write-in candidates may register until 4:30 p.m., Feb. 18.

I often hear complaints from students about not knowing how to get involved on campus. Well, here's the best opportunity possible.

Have you ever had a complaint about the Howl? Have you ever wondered why few big-name bands perform at USU? Are you upset the student section at basketball games hasn't been as good as in the past? Are you frustrated that alcohol is prohibited on campus, even at sporting events? Are you upset that minorities don't receive enough of a voice?

The positions with only one candidate running are the positions that actually have the power to do something about those commonly heard complaints:

Student Advocate, Programming, Athletics and Campus Recreation and Organizations and Campus Diversity vice presidents, as well as arts, education and human services, graduate studies and science senators.

Some of the people walking into these offices are more than capable of doing a good job. I'm not so sure about others.

Either way, having competition raises quality. Think of it this way: How much better do you think The Statesman would be if there was someone behind me clamoring for my job and saying they could do it better than I can? Androids would be awful phones if they weren't trying to beat the iPhone. It's the same for anything, including student government.

►See CHIEF, Page 9

Tavin Stucki



Hail to the Chief

Tavin Stucki

"Personally, I don't have a dog in this fight: I'm graduating. . . But if I were you, I would be pissed enough to do something about it."

Letters to the editor

• All letters may be shortened, edited or rejected for reasons of good taste, redundancy or volume of similar letters.

• No anonymous letters will be published. Writers must sign all letters and include a phone number or e-mail address as well as a student identification

number (none of which is published). Letters will not be printed without this verification.

• Letters can be hand delivered or mailed to The Statesman in the TSC, Room 311, or can be emailed to: statesmaneditor@aggiemail.usu.edu.

The page

Opinions on this page (columns, letters) unless otherwise identified are **not** from Utah Statesman staff, but from a wide variety of members of the campus community who have strong opinions, just like you. This is an open forum. Want to write something? Contact: statesmaneditor@aggiemail.usu.edu.

The staff

Editorial Board:
Lis Stewart
Danielle Manley
Eric Jungblut
Mariah Noble
Chelsea Hunter
Curtis Lundstrom
Jeff Dahdah
Mikayla Kapp
Meghann Nixon



Editor in Chief:
Tavin Stucki

Music

From Page 5

Ennio Morricone's "Il Grande Massacro" from the Charles Bronson film "Once Upon a Time in the West."

"As I researched all of these tunes, I started kind of trying to put them in an order that kind of tells a story or almost several stories," Christiansen said. "It's kind of a concept record that nobody really gets. We didn't write that into the liner notes, but when we perform the music live, we don't have really much of a program change. That music is exactly the way I wanted it on the record, and we just play it straight through because there is a kind of a story that's being told. If nobody else gets it, I don't really care. But I get it."

Christiansen centers each of his recordings around a concept, something he feels is void in most of modern music put out by today's popular

Corey Christiansen

"If nobody else gets it, I don't really care. But I get it."

musicians.

"Really, from what I can tell, they make records where they can sell singles on iTunes," Christiansen said. "It's all about the singles. Back in the day we'd be calling them 45s, but it's really rare that people are doing a record with a real artistic concept. Most of the high-level jazz stuff — and I think some of the classical writing that's going on — is very similar to the idea that you're presenting an art show, not just a bunch of random paintings."

Christiansen will be playing many music and jazz festivals across the country and inter-

nationally in the next four months when his schedule at USU allows.

He'll be touring and performing cuts from "Lone Prairie" in cities throughout the nation during the summer months. But even while he's promoting "Lone Prairie," Christiansen said he has been working on material for future releases.

"I'm getting some music together, and I'm kind of torn between two projects," Christiansen said. "I've got another record that's kind of a concept record. I've been writing music for a couple years now and I think I've got enough tunes to do the whole record, so I'm thinking about recording that. But I've also been doing a fair amount of arranging of Jimi Hendrix tunes for my group, so I'm thinking of doing a Hendrix concept record. It'll definitely be a jazz-rock kind of record, and I guess it'd be fair to say if people like jam-band music, they'll like the next two projects that will be coming out eventually."

Paul

From Page 8

ers signed by Obama since 2009 — compared to George W. Bush's 291, Ronald Reagan's 381 and Richard Nixon's 346 — the process is nothing new to the administration, but now such actions are more crucial than before. His No. 1 responsibility is to the benefit and prosperity of the American people, and he is obligated to use whatever means necessary — be it bipartisan agreement or circumvention of Congressional Republicans dragging their feet — to ensure the country breaks free of all-too-common stalemates.

Many of Obama's potential executive actions would make a difference, but none so noticeably as a raised minimum wage. While it might be thought that raising pay for federal contract workers to \$10.10 per hour only benefits a small percentage of citizens, such an action places pressure on other types of businesses to also increase their employee wages, adding incentive for increased productivity and workplace morale.

Rep. George Miller, D-Calif., and Sen. Tom Harkin, D-Iowa, have worked on a bill to extend this minimum wage raise to the rest of the country, Obama said.

Paul Christiansen

"I live in a dive one-bedroom apartment with extremely low rent, eat ramen noodles and keep my furnace as low as It can go before I turn into an ice cube."

"This will help families. It will give businesses customers with more money to spend," he said. "It doesn't involve any new bureaucratic program. So join the rest of the country. Say yes. Give America a raise."

In Utah, this would mean a raise of \$2.85 per hour from the current \$7.25 minimum wage. While this isn't the gain many Democrats hope for, it's certainly not the economy-breaking figure most Republicans have imagined.

While working my last non-journalistic job — \$9.25 per hour, 40 hours a week — I often couldn't make ends meet from month to month.

I live in a dive one-bedroom apartment with extremely low rent, eat ramen noodles and keep my furnace as low as It can go before I turn into an ice cube. I don't have a drug addiction or gambling problem, I just couldn't make that a living wage. I built up credit card debt and borrowed money from my folks, two things that cause another set of problems entirely.

It's these types of issues college-age Americans face every day. Many of us come out of this institution with thousands of dollars of debt, only to land a low-paying job that causes us to choose between eating and paying that student loan bill.

Midterm elections are just around the corner. I'm hoping Congressional representatives will decide they really do value their jobs and, more importantly, value their constituents. It's time to start improving these conditions so the American dream isn't just about surviving any longer.

If Congress won't compromise and take action, I'm confident this rejuvenated Barack 'n' Roll has got it covered.

— Paul is the former features editor of The Utah Statesman and is a senior majoring in print journalism. Send any comments to paul.r.christiansen@aggiemail.usu.edu.

Pierucci

From Page 8

nothing to address these problems. Rather than restricting businesses, we should put more resources into education and rehabilitation. Rep. Jack Draxler, R-North Logan, has proposed a bill that would set aside an increased amount of revenues from the beer tax for the purpose of education on issues such as binge drinking and underage drinking. This is a com-

Andy Pierucci

"The Zion curtain is also an economic burden upon Utah's small businesses."

mon-sense approach.

If this is an issue you are passionate about, please

take action. Email your state representative and state senator. Let them know your thoughts. We as citizens must play an active role in government. The bills discussed and passed for the next month will affect our lives.

— Andy is a senior majoring in political science. He is currently the vice president of USU Pi Sigma Alpha, a member of the GRC, the Secretary of the Utah Federation of College Republicans and president of USU College Republicans.

Sexism

From Page 8

over past marital troubles. (Newt Gingrich, anyone?)

However, the criticism of Davis as a bad parent has sexist elements. In the New York Post, columnist Naomi Schaefer Riley argues that Davis has no political future because "a woman who leaves her kids is just beyond the pale," in the eyes of men and women alike. "Call it sexism if you want," writes Riley, noting that mothers who don't have custody are automatically suspect and making it clear that she's fine with the double standard.

We should call it sexism, and we should not be fine with it. Davis is by all accounts close to her daughters. Some good mothers don't fit the traditional mold.

But this issue also illustrates how sexism hurts both women and men.

A female attorney active on behalf of fathers' rights once told me that the stigma against non-custodial mothers often pushes women to fight tooth and nail for primary custody even in cases where everyone would be better off if the children lived with their dad.

If women get more flak for "leaving their children," men can get savaged for wanting to "take the chil-

dren from their mother." And, with a few exceptions, feminists have supported this double standard when it favors women. They have portrayed career women who lose custody as victims of misogyny, opposed joint custody legislation, and even compared fathers' rights activists to abusers.

Let's oppose sexism across the board. Women should not be judged more harshly for spending less time with their children; they also should not be presumed the better parents.

— Cathy Young is a regular contributor to Reason magazine and the website RealClearPolitics. She wrote this for Newsday.

Fail

From Page 4

placement exam.

"We figured that if you took the exam and took the class that you placed into that students had a higher success in that class," Corcoran said. "The placement exam overall saves students a lot of money."

Math 1010 at the college level is remedial, Corcoran said. He said it comes with the assumption that students have already mastered it and is provided by the university as a service.

"We try to provide the best instructors for 1010 so students can succeed," Corcoran said. "Students who fail Math 1050 are at risk of failing over again."

He said that is a concern for USU.

"It is something the department thinks a lot about," Corcoran said. "The university takes Quantitative Literacy very seriously."

Students fail for many reasons, Tolman said.

"(It) could be personal reasons, they don't know how to study, not motivated because they are here for the wrong reasons or have test anxiety," Tolman said. "If you had a group of ten students they wouldn't fail for the same reason."

The biggest predictor of a student's failure is not showing up to class, Corcoran said.

"If they miss a couple of days, they don't communicate with their instructor and give up," he said. "If they stay on top of it and contact their instructor, they can work with their instructor and at the least get an incomplete. A lot fail because they drop out and don't tell anyone."

Corcoran said he would be interested to see the statistics showing if there is a correlation between those who fail and their class attendance. He said he suspects there is one. He said students who attend each day should feel confident.

"If they come everyday and take all the tests, they should succeed," Corcoran said. "Sometimes it's a matter of time. 90 percent of being successful is showing up and turning things in."

He said over the last 10 to 15 years, more resources have been created to help students.

"Students who are struggling need to ask for help," Skabelund said.

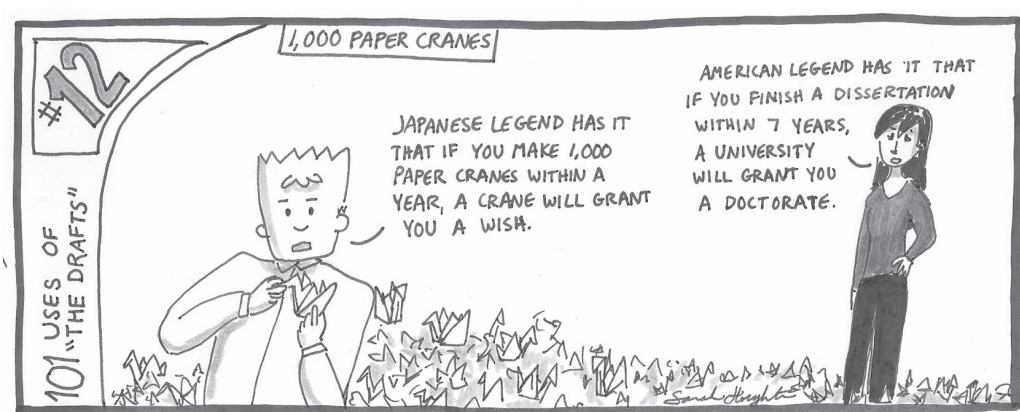
People at the university are very invested in student success, but many students don't understand what resources they have access to, Corcoran said.

"We have workshops twice a week all semester," Tolman said. "Most failed classes have SI (Supplemental Instruc-

The Deep End • Tyson Cole



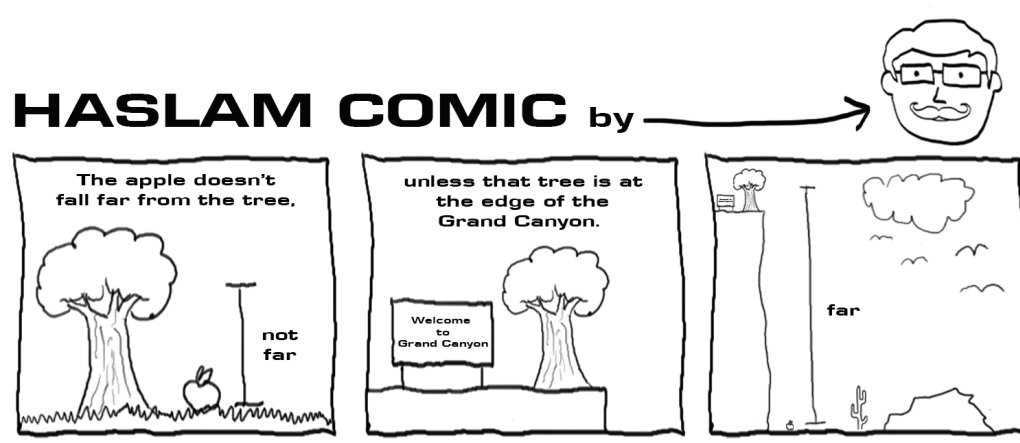
All But Dead • abdcomics.com



Wonders and Blunders • melissamw89@gmail.com



Haslam Comic • marcus.haslam@aggiemail.usu.edu





33/15
Thursday
Snow



27/12
Friday
Partly cloudy



25/9
Saturday
Snow



27/4
Sunday
Partly cloudy



27/9
Monday
Clear

Thursday Jan. 30

- Science Week “Professional Pictures and Resume Editing”, 9-11 a.m., USU Career Services
- 10 Ways to Beat Stress and Become a Stronger Student, 10-11 a.m., TSC 315A
- Swim Lesson Session 2 Registration Open, all day, HPER pool
- A Passion for Place: Harrison Groutage Retrospective, all day, Twain Tippetts Exhibition Hall
- Nobody Goes Home Sad, 10 a.m. to 5 p.m., Nora Eccles Harrison Museum of Art

- Fraternity Recruitment, 5-8 p.m., TSC Ballroom
- Science Week “Cookie for a Compliment”, 8 a.m. to 12 p.m., science classroom buildings
- Science Week “Elemental Bingo,” 7:30-8:30 p.m., Engineering building 103
- Cherish Tuttle performance, 6-8 p.m., Pier 49
- San Francisco Style Sourdough Pizza.
- Air Awareness Workshop, 4-8 p.m., Stokes Nature Center

Friday Jan. 31

Saturday Feb. 1

- Swim Lesson Session 2 Registration Open, all day, HPER building pool
- Explore Your World: China, 10 a.m. to 2 p.m., Old Main Museum of Anthropology third floor
- Science Week “Smarty Pants Dance,” 8-11 p.m., HPER gymnasium 201
- Bronze Museum performance, 6-8 p.m., Pier 49
- San Francisco Style Sourdough Pizza



Today is Thursday, Jan. 30, 2014. Today's issue of The Utah Statesman is published especially for Erik Rodriguez, a freshman majoring in business administration from Layton, Utah.

- ACROSS
5. Z. Vigil's high school

7. Where students receive help for gen. ed. classes

8. Stucki calls for them

9. _____ Curtain

10. Schwartzman's M&M minis of bedding

11. Super Bowl XXXII MVP

12. Science senator candidate
- DOWN
1. Approx number of MyVoice responses

2. Corey Christiansen's band

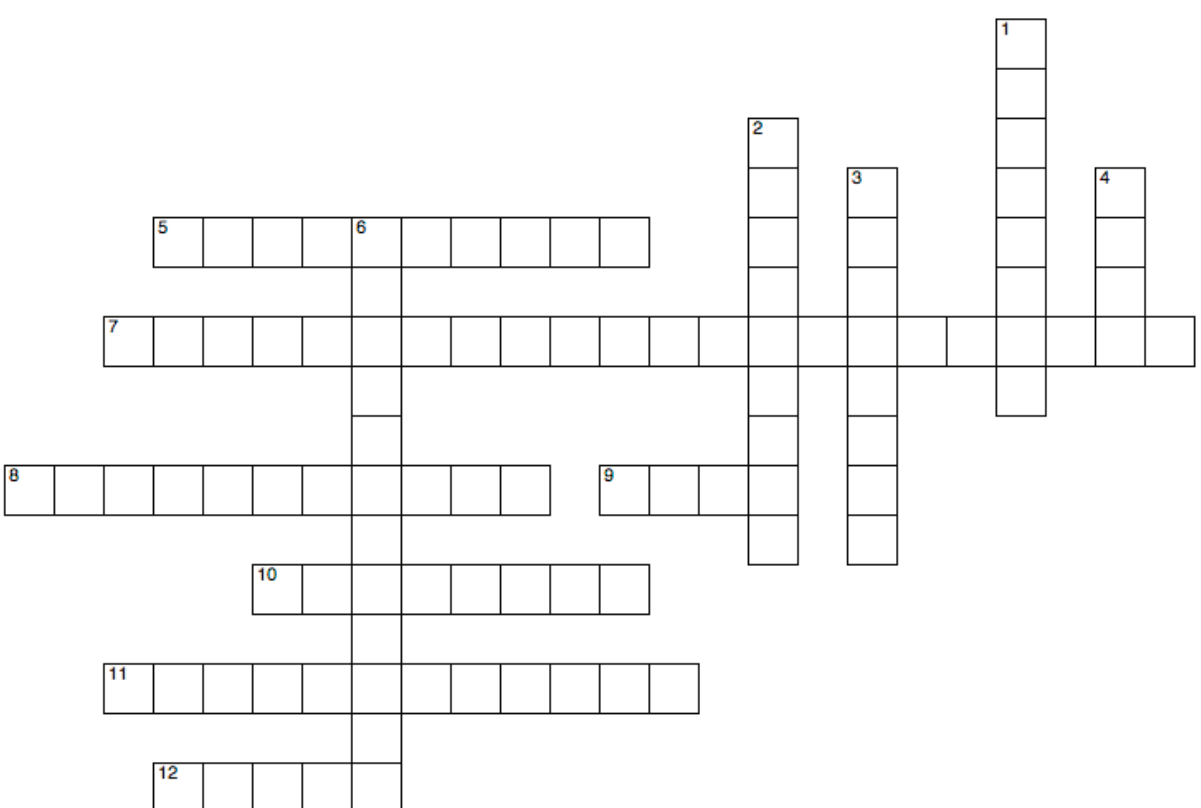
3. N. Vigil's hs4

Number of years Angie Minichiello has been at Distance Education

6. Columnist Christiansen's food

Statesman Crossword Puzzle

Find answers in today's issue



Built with puzzle-maker.com

IF YOU CAN'T SLEEP AT NIGHT, HOW CAN YOU DREAM OF RETIREMENT?


At TIAA-CREF, we want you to be confident about your retirement. Not worried. That's why we've spent the last century helping our customers plan and manage their finances to get them through every single day of their retirement. It's how we deliver Outcomes That Matter.

Expert advice to get you to and through retirement. Get started at TIAA.org/plan.



Financial Services

Outcomes That Matter



LIPPER

FUND AWARDS 2013

UNITED STATES

BEST OVERALL LARGE FUND COMPANY

The Lipper Award is based on a review of 36 companies' 2012 risk-adjusted performance.

The Lipper award is given to the group with the lowest average decile ranking of three years' Consistent Return for eligible funds over the three-year period ended 11/30/12. TIAA-CREF was ranked against 36 fund companies with at least five equity, five bond, or three mixed-asset portfolios.

Past performance does not guarantee future results. For current performance and rankings, please visit the Research and Performance section on www.tiaa-cref.org. TIAA-CREF funds are subject to market and other risk factors.

Consider investment objectives, risks, charges and expenses carefully before investing. Go to tiaa-cref.org for product and fund prospectuses that contain this and other information. Read carefully before investing.

Type of service available varies.

TIAA-CREF Individual & Institutional Services, LLC, and Teachers Personal Investors Services Inc. ©2013 Teachers Insurance and Annuity Association – College Retirement Equities Fund (TIAA-CREF), 730 Third Avenue, New York, NY, 10017. C11804B