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THE UNIVERSE

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Provo, Utah

Dunk team coach pays it forward

By JENAE HYDE

David “Dave” Eberhard worked tediously at his desk, managing the marketing plans for BYU sports teams. He mumbled aloud his thoughts and schedule for the day, not noticing how audible it was to those around him. He needed to head to dunk team practice right after his next meeting.

When he arrived at practice, Eberhard trotted across the court, picking up the pace as he approached the miniature trampoline. His feet met the trampoline, launching his rotating body through the air before slamming the basketball through the hoop. Now, it was time for the BYU dunk team members to try. Eberhard, however, needed to head home to read bedtime stories to his 2- and 3-year-old children.

Eberhard helped his wife bathe their two youngest children before gathering his family for prayer and tucking his five children into bed. He cleaned the house, did laundry, completed other household chores and spent time with his wife once the kids were asleep to finish off his day of business, basketball and bedtime stories.

This day is typical for Eberhard, who assumes many roles at home and at BYU. He is a full-time marketing coordinator for BYU athletics, a volunteer coach for both Team Cosmo and the BYU dunk team, a husband and a father to five children.

Before working at BYU, Eberhard was a professional NBA mascot and dunker. Jon Absey, who was the Utah Jazz Bear for 25 years, dunked with Eberhard for the Jazz.

“He motivated everybody on the dunk team, plus he’s one of the original guys,” Absey said. “He’s the guy who created the dunk team for the Utah Jazz.”

The Jazz dunk team became Eberhard’s home base between other career ventures in the NBA and around the world. He took a job with the Milwaukee Bucks as a professional mascot before returning to the Jazz.

“He came back and continued to dunk on our dunk team and was probably one of the better dunkers of the whole crew,” Absey said. “To this day (he) is probably still one of the most athletic guys I know.”

Eberhard finished his degree at UVU and created his own entertainment



Dave Eberhard

Dave Eberhard soars toward the basket while dunking for the Utah Jazz in 2009. Eberhard was a professional NBA mascot and dunker before he began working as a full-time marketing director on campus.

company while dunking for the Jazz. He traveled alone for a year as Thrilla Gorilla, a mascot he created to start his company. He became lonely, so he formed a dunk team that traveled the world to perform in countries like Mexico, Canada, China, England and Spain.

After these adventures, Eberhard returned to being a professional mascot, this time for the Miami Heat. According to Absey, Eberhard was the first mascot in the Heat franchise to do a backflip in a suit.

Eberhard shared one of his favorite memories from his time as a professional mascot.

“I love to hug people,” Eberhard said. “I remember this one in particular, this lady who was up on the upper concourse level. I gave her a hug, and the connection there was like this lady needed this hug.”

Eberhard described the woman as an older lady and said he felt she was alone and had been reaching out and looking for something, causing him to act out of character.

“I usually don’t talk in character, but I did it this time,” Eberhard said. “I said, ‘Hey, I want you to know that you are loved,’ and she started crying. I was kind of emotional on the inside as well. She looked at me and was like, ‘I can’t tell you how much I needed that.’ It was just such a tender moment.”

Eberhard returned to the Jazz again after working for the Heat and still remembers the exact day he began his career as a marketing coordinator at BYU: Aug. 13, 2007. He continued to dunk with the Jazz until 2012.

Cosmo’s Dunk Team

Around the 2009-10 basketball season, Eberhard started the student dunk team Cosmo’s Dunk Team because of his experience with acrobatic dunking. He said the number of acrobatic students greatly increased as the program grew. He thought the students and fans would enjoy dunking, so he tracked down some trampolines and mats to start practicing.

“The guys were having fun with it, and they got better and better,”

Eberhard said. “Eventually, we had opportunities to perform halftime shows or little shows off-campus and stuff. It just kept snowballing into more requests and more opportunities.”

BYU alum Travis Carter joined the dunk team in Fall 2013. Carter was a member of the team until he graduated in 2018 and still finds opportunities to be involved.

“They’re going to China in May, and they have approval for alumni to go as well,” Carter said. “So, I am going with them ... and I practice with them like once a week for that show.”

Carter followed in Eberhard’s footsteps and began dunking for the Utah Jazz before graduating from BYU. He is still a member of the Jazz dunk team and hopes to become a professional mascot one day.

“I plan on dunking as long as I can, and being a professional mascot eventually ... it’s definitely my dream career,” Carter said. “Dave influenced that a lot. Him talking about what he did in the NBA and everything made me realize that that was something I really

wanted to do.”

However, becoming a professional mascot can often cost a person’s identity. A former BYU student and former Cosmo also mentored by Eberhard is an example.

“My grandparents and aunts and uncles don’t even know about this job,” the BYU and Cosmo alum said about his current professional mascot position.

The alum said Eberhard helped him network in the professional league, which helped him land his job. He was invited to two other professional mascot tryouts that didn’t work out before finally securing his current role. He is under strict confidentiality clauses with his profession and, therefore, must remain anonymous.

“(Eberhard) showed me the possibility of making my talents and hobbies into a career,” the alum said. “I didn’t only have to influence people like this for college, but I could then carry this on and influence people and bring smiles to faces for my full-time job.”

See EBERHARD on Page 2

Bookseller connects patrons, history through rare books

By LAUREN LETHBRIDGE

Moon’s Rare Books at the Shops at Riverwoods provides the public with the opportunity to connect with history through texts, documents and art.

Store owner and BYU alum Reid Moon described the bookstore as a “museum disguised as a bookstore.” It is home to items like the Tyndale Bible, a first edition “Harry Potter and the Sorcerer’s Stone” signed by Daniel Radcliffe and the largest private Book of Mormon collection in the world, according to Moon.

Moon’s used book collection started with his first book purchase for two dollars, according to the bookstore’s website. Since then, he has traveled over two million miles around the world building his collection.

Before settling in Provo, Moon owned a bookstore in Dallas, Texas, which sold new, used and rare books. He began exclusively selling rare books in 2005 after his new book section began to suffer due to digital books and websites like Amazon, Moon said.

After selling his Dallas store, Moon began traveling the world to buy and sell rare books. Moon described himself as a “treasure hunter.”

“I’m always looking for a treasure. And it’s never dull because you never know what you’re going to see,” he said.



Claire Gentry

Reid Moon shows the signature of J.K. Rowling in a first edition of “Harry Potter and the Philosopher’s Stone.” Moon’s store, Moon’s Rare Books located at Provo’s Shops at Riverwoods, houses his collection of rare books, documents and art.

Moon realized that in his travels he was frequently passing through Utah, so he decided it would be beneficial to settle in Provo.

At Moon’s Rare Books patrons can view various books, documents and art displayed in the store’s main room. Employees, who act more like docents

in a museum, answer questions and give short tours, Moon said.

Toward the back of the bookstore are four themed display rooms modeled after English village shops. The rooms’ themes are children’s literature from the 1800s, British literature, Bibles and Latter-day Saint prophets and Utah history.

Inside the various rooms are items like a first edition King James Bible, glasses of former Latter-day Saint President David O. McKay, a first edition “Winnie the Pooh,” first editions of all of J.R.R. Tolkien’s novels, a first edition of Mark Twain’s “Adventures of Huckleberry Finn,” and first editions of C.S. Lewis’ “Screwtape Letters” and “Mere Christianity.”

According to the bookstore’s website, Moon “believes he is the caretaker of these items while they are in his possession and loves to share their history and their stories with all that come through his doors.”

The bookstore also includes rare historical documents like a letter written by Mother Theresa, a Spanish Inquisition manuscript and Marie Antoinette’s prayer book.

“You don’t start from where I am now; you have to work your way up. I didn’t inherit any money, so (collecting) was book by book,” Moon said.

Each book in Moon’s collection has a story behind it, he said. Moon shares these stories in lectures

and firesides where he displays various items and answers questions for the public. Some of his lectures have covered a 500-year history of the Bible, others have covered William Shakespeare and Tolkien.

“With any book comes the story,” said Ron Fox, who sells and buys rare items.

Fox said Moon’s Rare Books gives the “experience of holding onto something that has an electric feel to it” by giving a close view of many rare and historical texts and items.

BYU history professor Matthew Mason said seeing original documents and texts gives the viewer a personal and tangible connection to the past.

“To be able to read historical documents in person is irreplaceable,” Mason said.

BYU history professor Brian Cannon said rare bookstores like Moon’s benefit the public by offering access to materials that would otherwise only be available to those wealthy or fortunate enough to own or purchase them.

“The actual documents transport us in time back to the moment when they were created. We are reminded that they were created and handled by real people in response to real issues,” Cannon said. “The physical documents convey a sense of authenticity and immediacy that a scan or a reproduction can’t convey. They allow us to touch the past.”

UNIVERSE news briefs

FROM THE ASSOCIATED PRESS



Utah police officer killed; suspect hospitalized

A three-year veteran of the Provo police force was shot and killed during a shootout while trying to apprehend a fugitive in neighboring Orem, the police chief said Sunday, Jan. 6. Officer Joseph Shinners managed to return fire after he was shot and struck the suspect, identified as Matt Frank Hoover, at least once in a parking lot outside a business in Orem on Saturday, Jan. 5. Shinners later died at Utah Valley Hospital, Provo Police Chief Richard Ferguson said.



Ginsburg misses Supreme Court arguments

Justice Ruth Bader Ginsburg is missing arguments for the first time in more than 25 years as she recuperates from cancer surgery last month. Ginsburg was not on the bench as the court met Monday, Jan. 7, to hear arguments. It was not clear when she would return to the court, which will hear more cases on Jan. 8 and Jan. 9. Court spokeswoman Kathy Arberg said the 85-year-old justice is continuing to recuperate and work from home after doctors removed two cancerous growths from her left lung on Dec. 21.



Pope decries rise of nationalism

Pope Francis expressed concern Monday, Jan. 7, over the rise of populism and nationalism in Europe, partly blaming those trends on reactions to migration and globalization's disorderly development. Francis offered views on world issues in an hour-long speech to diplomats at the Holy See. Without specifying countries or political parties, Francis lamented national policies favoring "quick partisan consensus" over patient efforts for long-range solutions for the common good.



Whistleblower alleging sex abuse arrested in Ohio

A man whose claims helped spur the investigation into alleged, decades-old sexual abuse by an Ohio State team doctor has been jailed in Columbus, where he's accused of telecommunications harassment. A warrant was issued for 50-year-old Mike DiSabato, of suburban Dublin, after he missed a Jan. 4 court date. DiSabato turned himself in Monday, Jan. 7 at Franklin County Municipal Court, saying he never intended to skip court and was misinformed by his lawyers.



Writers Guild announces noms for best screenplays

The scripts for "Black Panther" and "A Star Is Born" are among five films selected to compete for best adapted screenplay at the Writers Guild of America Awards. The films will compete against "BlacKkKlansman," "Can You Ever Forgive Me?" and "If Beale Street Could Talk." The guild also announced its nominees for best original screenplay on Monday, Jan. 7, including Bo Burnham for "Eighth Grade," Alfonso Cuaron for "Roma," Adam McKay for "Vice," and other popular 2018 screenplays.

EBERHARD

NBA mascot finds second act at BYU

Continued from Page 1

Both Eberhard and the alum emphasized that having an influence on others through service is at the heart of being a mascot. The alum shared an experience he had as Cosmo while caroling to children at the Provo hospital.

"I was in suit because everybody else was good at singing, and I can't carry a tune," the alum said. "It was such a cool experience to stand there and just listen to fellow BYU students sing to these kids one at a time in their rooms. ... It was amazing to be a part of ... and silently observe. It was one of the only times I've cried in suit."

Eberhard said the service aspect is what he loves about Team Cosmo and the dunk team. He wants to expand the team's positive influence on children.

"For me, I love this because it is a way to give back, to serve in the community, to help people," Eberhard said. "I am trying to magnify even this opportunity and other ways to help fill a need of a lot of children out there that I know are hurting or needing help or even just need more life skills."

Cougar Strong

Cosmo and the dunk team have become involved with Cougar Strong, a program involving student athletes



Dave Eberhard

Dave Eberhard, far right, gathers for a family photo with his daughter Sadey, far left, wife Rachelle, son Owen, daughter Adalye and sons Clay and Jonathan.

attending K-12 schools to promote physical, mental and social strength. Cougar Strong Volunteer Coordinator Tom Gourley said the student athletes talk to the 700-1,000 students for about 20 minutes about these topics before giving 20 minutes to Cosmo and the dunk team to perform and entertain the children.

"That combination has been very, very successful," Gourley said. "The teachers and administrators at the schools just can't thank us enough for leaving a good message with the kids as well as being very entertaining."

Eberhard said he hopes to further the program by building a kid-friendly website to help teach life skills and study habits. He also wants to involve professionals, such as psychologists and those who are good at influencing others, so the message of the program is clearer to the

students. "I want this to be a program that is looked at by the government who says, 'Wow, this is amazing. I can't believe what's happening to your kids and what you're doing for your kids. We want to implement this worldwide, or throughout our nation,'" Eberhard said. "I want it to be so well thought-out that other people can adopt it and take it, that it's a no-brainer because it helps people."

While he doesn't dunk as much as he used to, Eberhard still finds time to balance his responsibilities as a coordinator, coach, mentor and father. He said he seeks to give back what has been given to him.

"I didn't have a lot growing up," Eberhard said. "I recognize the hand of the Lord in my life, and I have been very blessed. So, I love to give back. I love to build what has been built in me."

Scholarship encourages travel abroad



Losa Smith

Losa Smith, a senior studying sociology, poses for a photo during the Asian Pacific Business study abroad last summer. The Global Opportunities Scholarship offered by the Kennedy Center helped fund Smith's study abroad experience.

By LAUREN LETHBRIDGE

A recently created scholarship funded by donors eases the financial strains of going on a study abroad or international internship for BYU students.

BYU's David M. Kennedy Center for International Studies created the Global Opportunities Scholarship in 2014 after noticing many students chose not to study abroad because of financial reasons, Kennedy Center Assistant Director Cory Leonard said.

The Institute for International Education ranked BYU in the top 20 U.S. universities for the number of study abroad programs offered to students in its annual Open Doors report for 2018, Leonard said.

"There are lots of opportunities for students, but what we don't have is a way for students to be able to afford to go," Leonard said.

Leonard, along with other Kennedy Center staff members, looked at what BYU students paid on average for tuition each semester as they calculated a possible scholarship amount. The number they came up with was \$5,000. The Kennedy Center raised \$25,000 for the scholarship's first year, which sent five students abroad, Leonard said.

The money is collected through an LDS Philanthropies representative who connects alumni wanting to donate to Kennedy Center study abroad programs. Leonard and his staff also contact Kennedy Center alumni and former BYU study abroad program students.

Since the scholarship began, the number of students who benefit from the funds has increased. This year, 79 students traveled abroad who normally would have been

hindered by the program cost, according to Leonard.

Students apply after being nominated by a faculty member. Once nominated, students meet with Kennedy Center staff who review their financial options like federal student aid and academic scholarships, which can go toward the study abroad cost. Students are also encouraged to seek financial support from their family and major, Leonard said.

"If the student says, 'Here's why I need \$5,000,' they get \$5,000. As they go through this whole process, what happens is they (realize they) need less and because we're raising this money year after year, that means more students can go," Leonard said. "Our goal is to have the most students each year going."

Recently, some nominated students were ultimately denied the scholarship. Leonard explained students get denied for reasons like not meeting with Kennedy Center staff after being nominated or being unwilling to explore all their financial options.

"This is what we call a scholarship of last resorts. You have to have done everything you possibly can do," Leonard said.

To help spread the word about the scholarship, Leonard and his staff created videos in which they interviewed the students who received funds.

"Every student has a different story and a different way that it fits into their career and how it helps them," Leonard said.

One such student was Losa Smith, a senior from Austin, Texas, studying sociology. Smith participated in the Asia Pacific Business study abroad during Summer 2018. Without the scholarship, Smith said there was no way she could have funded her study abroad without taking out a loan.

Smith said through her study abroad she traveled around Asia to countries like China, Vietnam and Thailand where she met people from cultures vastly different from her own.

"The feeling of unity that came from realizing that I had more in common than I anticipated with (these) people inspired me to believe that not only are all humans children of God but all humans are worth my time, attention and maybe even love," Smith said. "How much money is that kind of enlightenment worth?"

The Kennedy Center is working to spread the word about the Global Opportunities Scholarship.

Posters can be found around campus advertising the scholarship to both students and faculty. The scholarship also has a booth at the Kennedy Center's Study Abroad Fair which takes place annually during the fall.

Juan Camargo, a senior studying economics from Bucaramanga, Colombia, said he never thought going abroad as a student was a possibility for him until he happened to enter the study abroad fair while passing through the Wilkinson Student Center.

After learning about the scholarship, Camargo started researching and looking into various programs. A few months later he was traveling to Amsterdam to participate in the Global Finance Internship Europe, which he described as "the experience of a lifetime."

"I think the price tag of many programs may discourage students like me from even looking at the opportunities there are abroad," Camargo said. "However, I can confidently say that through the Kennedy Center's Global Opportunity Scholarship and BYU's experiential learning funds studying abroad has never been easier."

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Pollution progress stunted by population growth

Utahns face the consequences of poor air quality

By JEFFERSON JARVIS

Matt Owens doubled over and felt his chest tighten as he struggled to take a deep breath. His airways, constricted by contracting muscles around his lungs, were a fraction of their normal size, causing shortness of breath, dizziness and coughing.

Even though Owens, who was a 2018 first-team All-American on the BYU track team, was in incredible physical shape, he was experiencing something endurance athletes dread: an asthma attack.

Owens did not always have asthma but said vigorous exercise in polluted Utah air induced the condition.

"I first got diagnosed with sports-induced asthma because the air quality made it hard for me to breathe while I was running," Owens said. "I had to start using an inhaler and purposely focus on running inside when the air was really bad."

Owens manages to cope fairly well and has big goals for the upcoming track season, but asthma is only one of the many health issues faced by those exposed to polluted air.

Economics professor Arden Pope III is renowned for his extensive research on air pollution and has linked pollution to numerous health issues.

"(Air pollution) contributes to everything from lung cancer to birth outcomes," Pope said. "Mothers that breathe bad air during pregnancy even have a higher risk of early term birth and low birth weight."

The valleys along the Wasatch Front have long posed a problem for air pollution and there is a lot of information to consider when evaluating the Utah air problem.

What is most dangerous about the air?

Donna Spangler, communications director at the Utah Department of Environmental Quality, said Utahns should be most worried about breathing in particles created by combustion, mainly coming from automobiles.

"When you breathe in these small particles, you're breathing in microscopic soot that can get lodged in your lungs, and it's really difficult to expel," Spangler said. "If you have a prolonged exposure to these particulates over time, it can cause lung inflammation which can lead to all kinds of health issues."

The Department of Environmental Quality defines particulate matter (commonly referred to as PM) as a complex airborne mixture of solid particles and liquid droplets.

There are two categories of particulate matter based on diameter: PM2.5, which is all particles with a diameter smaller than 2.5 micrometers — also called fine particles



Jefferson Jarvis

Matt Owens, a 2017 All-American on the BYU track team, uses an inhaler to help him breathe after tough workouts. Owens suffers from athletically induced asthma due partially to breathing in polluted air.

— and PM10, particles with a diameter between 2.5 and 10 micrometers. The average human hair is approximately 70 micrometers in diameter.

Pope posits that almost all particulate matter comes from combustion of some type — whether it be refineries, smelting or even just a fire coming from a wood stove — but Pope said the worst kinds of particulate matter come from fossil fuels.

"The complex mixture from burning fossil fuels like coal and diesel is about as bad as it gets," Pope said. "It has a huge impact on our respiratory health and cardiovascular health."

What makes the Wasatch Front so bad?

The valleys along the Wasatch Front have a mix of characteristics Spangler said create a perfect storm for pollution.

"Our valleys are surrounded by mountains, so a lot of the pollution that we get from tailpipes on vehicles gets trapped beneath a layer of warm air," Spangler said. "Whenever you have mountains surrounding a city, the valley will get filled with pollution if there isn't a pressure system to get circulation."

Temperature inversions can make the air especially dangerous in Utah, and the state has a measuring system to warn people when it's risky to be outside.

There were 27 "red" air quality days in Salt Lake City between November 2017 and February 2018 when air was

labeled "unhealthy." On red days, the Utah Department of Environmental Quality advises children, older adults, people with lung disease and people who are active outdoors to stay indoors and reduce physical exertion.

Breathing in Utah is more difficult than coastal cities due to elevation. With an elevation of 4,550 feet above sea level, the thinness of the oxygen in Provo presents a challenge for any cardiovascular activity to begin with, but particulate matter in the air makes heavy breathing go from exhausting to dangerous.

Concentrated population also plays a big role in the Utah and Salt Lake Valley air pollution problems. With 55 percent of the entire state's population residing in Utah and Salt Lake counties, thousands of vehicle tailpipes produce the combustion-based particles Pope warned could be deadly.

What health issues come with breathing bad air?

Pope said although most people think of respiratory issues being linked to breathing in bad air, the bigger problem is cardiovascular issues.

"It turns out that cigarette smoke is the same (as air pollution). More people die of cardiovascular disease from smoking than from lung disease," Pope said. "Secondhand smoke impacts cardiovascular disease and so does air pollution."

In addition to respiratory and cardiovascular issues, Pope's studies have found evidence that air pollution contributes to mental health and

cognitive issues as well. Pope also noted that he saw more ischemic strokes in people who have been exposed to air pollution for long periods of time.

The ultimate health effect is premature death. In December 2017, Harvard released findings from a study which imply that air pollution has a linear correlation with mortality rate across the U.S.

The research, which took place over a 13-year period, states not just the elderly were at higher risk of premature death, but many minority groups were affected more heavily due to lack of access to proper care.

"Women and nonwhites also faced a mortality risk that was 25 percent higher than those who were male or white," the study states. "Poverty, unhealthy lifestyle or poor access to healthcare may play a role in such disparities, the researchers speculated."

What is being done to fix the problem?

Federal and local governments have made efforts to clean up the air through regulation.

The Clean Air Act of 1970 was a big step toward mandating individuals and businesses to take responsibility for their pollution. Pope said America is better off now than prior to government involvement.

"Our air quality has improved in the U.S. We have gotten quite a bit better since the 1970s," Pope said. "The Clean Air Act was propagated in 1970 and there have been several amendments to the clean air act since, but we have seen a lot of clean up since then in the United States."

Local government plays a big part in regulating specific areas such as the Wasatch Front. The state of Utah has an Air Quality Board, which Spangler said does a good job of keeping local air clean.

"The Air Quality Board will pass rules and put in place

many different kinds of things that have impacts on small businesses, consumer products and things like that," Spangler said. "There are about 30 rules that have been put in place over the last several years which have required businesses to install the best available technology to reduce the emissions."

On a smaller scale, individual counties monitor things like vehicle emissions and enforce smog testing for vehicles in order for them to be registered.

"Things have gotten better," Pope said. "Not as much better as we would like, but part of the reason is because of the growth — the amount of cars and homes have been growing. Our cars are cleaner and our heating is cleaner, less people are using wood and coal, but there are more people, so it's like we are treading water."

How do regulations affect the economy?

Government regulations that restrict businesses can be assumed to slow growth, but in the case of clean air, Pope suggests otherwise.

"Since 1970 with the establishment of the Clean Air Act, we have reduced our emissions of air pollutants in the aggregate by 70 percent," Pope said. "In that same time frame our GDP has gone up by 250 percent."

Spangler said making an effort to clean Utah's air actually improves the economy.

"Bad air has an impact on the economy," Spangler said. "People don't want to move to a state that is seen as having these really horrible periods of pollution."

Pope, who specializes in economics, said there are economic ramifications to regulating air quality. "I can find very little evidence that in the aggregate our efforts to improve air quality have done anything but helped us economically," he said.

Utah incentivizes clean heating systems

By JEFFERSON JARVIS

In the shadow of the Wasatch Mountains, smoke floating from a chimney on a crisp winter morning can seem rustic, beautiful and picturesque, but what happens when there are 20,000 billowing chimneys and no air flow?

According to its official Twitter page, the Utah Department of Environmental Quality (DEQ) predicts that 14 percent of PM2.5, or fine particles, will come from solid fuel burning.

PM2.5 is particulate matter in the air with a diameter of less than 2.5 micrometers and studies have linked PM2.5 to long-lasting lung damage.

Because of the risk of increased air pollution, several counties in Utah enforce no-burn days, which mandate that solid fuels cannot be burned. Last winter there were 19 mandatory no-burn days in Utah County and 21 voluntary no-burn days. On a voluntary no-burn day, people are encouraged — but not required — not to burn.

According to the Utah Department of Environmental Quality, the penalty for burning on a mandatory no-burn day starts at \$150 for a first-time offense and can be as high as \$299 per offense after that.

According to the federal Environmental Protection Agency, 111 days in 2018 were registered as "moderate" levels of air pollution in Utah County. That's when the Utah Division of Air Quality issues a voluntary no-burn warning.

According to the Utah Administrative Code, certain households can be exempt from no-burn days.

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TODAY

UNIVERSITY DEVOTIONAL
Tuesday, January 8,
11:05 a.m., Marriott Center

This event will be broadcast to the JSB Auditorium.



President Kevin J. Worthen
Sister Peggy Worthen

Brigham Young University has framed much of Kevin J. Worthen's life. From a childhood fascination with Cougar sports to his years as a student, professor, and administrator, the 13th president of BYU has been inspired by the mission and ideals of the university.

Born and raised in Carbon County, Utah, President Worthen received an associate degree at the College of Eastern Utah, where he was a co-captain of the basketball team. At BYU he received a bachelor's degree in political science and a juris doctor degree before leaving in 1982 to clerk for Judge Malcolm R. Wilkey of the D.C. Circuit Court and then for Justice Byron R. White of the U.S. Supreme Court. After a brief career at a law firm, Worthen returned to BYU in 1987 as a law professor. He was

dean of the Law School for four years before being named BYU's advancement vice president in 2008. In May 2014 he became president of the university.

President Worthen has been a bishop and stake president and currently serves as an Area Seventy. He dated and married Peggy Sealey after his mission to Monterrey, Mexico. When the last of their children started school, Sister Worthen began pursuing a degree in English at BYU, graduating in 2003. She is known for her sense of humor, abundant energy, and a variety of interests, from sewing to hiking to reading. She has filled numerous Church assignments, including many years as a Young Women camp leader. The Worthens have three children and five grandchildren.

Selected speeches available at speeches.byu.edu

NEXT: UNIVERSITY DEVOTIONAL

Elder Dieter F. Uchtdorf
Member of the Quorum
of the Twelve Apostles



January 15, 11:05 a.m.
Marriott Center
PLAN NOW TO ATTEND.

Dance Works

THE DANCER'S STORE

LARGEST SELECTION
OF BALLROOM AND
POINTE SHOES IN
UTAH

VOTED TOP 100
DANCE STORE
IN THE NATION

STUDENT, GROUP
AND TEACHER
DISCOUNTS

#1 SPECIALTY STORE
IN UTAH COUNTY

3228 NORTH UNIVERSITY AVENUE, PROVO
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Bus stop right in front of store



World champion dancer 'Big Chocolate' goes from big stage to BYU classroom

By ANDREW ZAUGG

Walking around campus in a durag and snapback with tattoos peeking out from under his sleeves, Marc Cameron doesn't look like a typical BYU instructor. Not many instructors go by the nickname "Big Chocolate" either.

But Cameron fits his nickname well. At 6 feet, 4 inches he is big but undeniably smooth when he dances. At least Cameron said that was the reason his dance crew gave him the nickname.

Cameron is proficient in most hip-hop dance forms but has earned the most fame through popping, a street style dance in which dancers flex their muscles in time with the music to create a popping effect.

Cameron teaches urban dance forms at BYU, the only hip-hop class that can be taken for credit. The two-time world champion popper teaches students about hip-hop dance forms and the culture surrounding them.

Cameron said he first fell in love with dance when he was 4 when he watched Michael Jackson's performance of "Billie Jean" during the Motown Awards.

"My grandma had a VHS player, and I just remember rewinding and replaying the moonwalk over and over again," Cameron said. "I wasn't necessarily dancing per se, but I was moonwalking everywhere."

Living an hour from London without a car in the '80s, Cameron's only access to dance was through music videos, especially Michael Jackson videos like "Beat It."

Cameron cemented his love for dancing at his first school disco when he was 8. It was one of his first times performing in front of a large crowd, and the reception was positive.

"I remember the music coming on and me just doing what I had seen in the videos," Cameron said. "The whole school crowded around. Afterward, the DJ gave me the vinyl, and everyone there carried me on their shoulders throughout the school."

These feelings were short-lived for Cameron. During adolescence, he gradually danced less and less often in front of others due to peer pressure. However, he kept practicing at home and would dance with his uncles and family.



Ty Mullen

The Fall 2018 urban dance styles class gathers at BYU. Marc Cameron teaches urban dance styles every semester at BYU.

The 1990s involved a great expansion of hip-hop with artists such as Vanilla Ice and MC Hammer, who prominently featured dancing in their music videos. Isolated from the culture, Cameron would watch these videos and figure out the dances on his own.

After he turned 18, Cameron could finally work and make his own money, buy his own clothes and ditch his welfare clothes. He went to clubs looking how he wanted, and the feelings he first got as an 8-year-old at the disco returned.

Despite being a popular local dancer in the club scene, Cameron did not walk into a dance studio until he was 21. His girlfriend at the time was taking a jazz dance class at the studio. The teacher told him he either had to dance or leave, so he danced.

The teacher of the class liked his style, according to Cameron, and invited him to start teaching some of his moves to the class. According to Cameron, the teacher thought he had a knack for teaching, and Cameron got his certificate to teach dance.

He was officially a jazz teacher, but Cameron taught his students his style of dance. He would eventually create one of the premier dance academies for hip-hop in the U.K.

"Even though it was the start of something great, I wasn't teaching authentic hip-hop," Cameron said. "I had a bit of a slump because I did not know how I could get to my next level."

Cameron said he was hungry

for the next level and started to get more involved in the hip-hop scene, joining his first crew, Nemesis. He left Nemesis shortly before it would become the first hip-hop crew on "Britain's Got Talent" that made it to the finals.

The year before, Cameron had failed to make the finals of the U.K. hip-hop championships, and he said he was convinced his chance had already come and gone. He was not planning to compete and was only there for his students competing, but he was convinced he needed to be an example for his students.

Cameron ended up winning the U.K. championships and then went on to the European championships. The U.K. did not have a popping representative, so the role fell to "Big Chocolate." He ended up not only winning the European championship but the world championship.

"It was the most surreal thing because I didn't know what I was actually doing or how I was winning," Cameron said. "It was because of my freedom to do it my own way rather than having too much of a structure."

After winning his first title, Cameron realized how big the world was and how little he knew about hip-hop. That year, he immersed himself in the culture and dance of hip-hop and came back to win the popping world championships the next year.

Meanwhile, at BYU, the chair of the dance department expressed a desire for a hip-hop

class.

"I jumped on right away to do it to make sure that we did it right," said Graham Brown, a former BYU dance teacher. "It's easy to teach quote-unquote 'hip-hop,' but I wanted to connect to the true form."

Originally, Brown intended to teach the urban dance class by attending workshops and using his basic appreciation of hip-hop. However, Brown's acquaintance at Arizona State University gave him the idea that would make the class possible: invite guest teachers from the local community who truly embodied hip-hop culture.

Brown found the Bboy Federation, a local organization for break dancers and other hip-hop dancers, during the summer before the fall of 2015. By that time, Cameron had moved to Utah after his baptism into The Church of Jesus Christ of Latter-day Saints and began putting down roots into the Utah hip-hop scene. That was how he first found himself inside a BYU classroom teaching popping.

Brown said he felt the original organization of the class was unsustainable with him being the instructor in name only and wanted to bring on someone more permanent who could teach the techniques and culture with authenticity.

"Marc was such a great teacher, an all-styles dancer, was LDS and had the credentials," Brown said. "He was the perfect candidate."

During his interview to teach at BYU, Cameron said he realized he needed to reassess how



Marc Cameron

BYU hip-hop instructor Marc Cameron is the owner and director of the Dance Project SLC and gives presentations and classes to at-risk children.

he taught his class. He made sure his class was factual, addressed misconceptions of hip-hop and was relatable to the students' lives.

Cameron said he hopes his class helps students along their own path of self-discovery, much like how hip-hop culture helped himself.

During his first semester teaching, a student in his class was hung up on doing everything correctly and copying moves exactly like "Big Chocolate." However, at the end of the class, he would throw himself across the floor and do things Cameron said he would have never expected from him at the beginning of the semester.

"At the end of the course, he came up to me and gave me a big hug and said, 'Marc, thank you so much for this. You helped me realize a lot about myself and how I need to let things go,'" Cameron said. "He didn't mention anything about dancing."

BYU industrial design major Jayden Lauti has taken the class twice now. He signed up for it as soon as he learned about it and decided to take it again because of how much he grew during the class.

"This class has given me more confidence," Lauti said. "Although I may not be the best at one thing, I can strive to do what I can with confidence and trust that it is enough."

Lauti said he appreciates how it is an opportunity to relieve

his stress physically by dancing with other people who share his interest. The class provides him with an opportunity to increase his vocabulary and techniques.

Cameron said he understands his gift for dancing is from Heavenly Father to teach a class based in hip-hop in a way that reflects gospel principles.

"In the Bronx, where there was no church, there were drugs and killings, and these guys had to go through all that pain and hurt to find some form of truth and something to stand by as a moral code," Cameron said. "They had to find their own rod to hold on to."

BYU provides a space to explore how to teach hip-hop in a safe and encouraging way, according to Cameron. He finds the best parts of hip-hop and tries to separate them from some of the negative parts that can come with the culture.

The best parts of hip-hop allow people to come together and grow in confidence, according to Cameron. Lauti said he has seen how dance has united people through the class.

"Dance has the power to unite, uplift and encourage positivity, growth and confidence. Dance is a universal language that can break down walls and barriers that no other method could," Lauti said. "Dance is a way of life that fosters love, growth, social interaction and confidence in an individual's as well as others' abilities."

Campus News

IRA A. FULTON COLLEGE OF Engineering and Technology

BYU junior Josh Wilkerson recently won the American Institute of Chemical Engineers national competition, granting him the title of the nation's best chemical engineering student. Wilkerson is the first BYU student to receive the award in the competition's 30-year history. Over the past two years, Wilkerson has worked with professors Brad Bundy and Thomas Knotts to research ways to reduce the cost of protein-based medication to \$10 or less, making them more accessible to those in poverty. Wilkerson's research is published in the academic journal "New Biotechnology." He hopes to one day be a professor.

MARRIOTT SCHOOL OF Business

The Marriott School of Business welcomes Brigitte Madrian as its new dean this semester. Madrian, who



Brigitte Madrian



Vivian Hansen

began her term on Jan. 1, previously worked as an Aetna Professor of Public Policy and Corporate Management and chair of the Markets, Business, and Government area at the Harvard Kennedy School. A BYU alum, Madrian said she looks forward to the opportunity to work with the BYU Marriott community and contribute to the school's growth.

COLLEGE OF Fine Arts and Communications

The Utah branch of the Public Relations Society of America gives the Golden Spike Awards annually to

"recognize excellence and best practices in public relations and business communications in Utah." Five awards were presented to BYU in 2018. Assistant to the president for University Communications Carri Jenkins was named Professional Communicator of the Year. In the social media category, Y Digital won for its "Wooshfly to Sundance" social media campaign. The external relations office of the College of Fine Arts and Communications won one category and was a finalist for two categories for the exhibition "Sacred Sounds: Can Music Heal the Religious Divide?"

COLLEGE OF Nursing

Vivian Hansen, the first dean of the BYU College of Nursing, died on Christmas Day 2018. Hansen contributed greatly to the university by helping establish the College of Nursing in 1952, including designing the program curriculum and recruiting faculty.

Campus Events

Tuesday, Jan. 8

• Devotional with President Kevin J. Worthen and Sister Peggy Worthen, Marriott Center, 11:05 a.m.

Thursday, Jan. 10

• Women's Services & Resources

Open House. 3326 WSC, 12:30-2:30 p.m.

Friday, Jan. 11

• Maxwell Institute Lecture - "A Window into Joseph Smith's Translation." Hinckley Building Assembly Hall, 3-4 p.m.

• BYU Vocal Point. Pardoe Theatre, 7:30 p.m.

Saturday, Jan. 12

• BYU Vocal Point. Pardoe Theatre, 2 p.m., 7:30 p.m.
• Utah Crosstalk. Madsen Recital Hall, 7:30 p.m.

#BYU hacks

The 'how to' at BYU

HOW TO

UPDATE YOUR

BYU HEALTH

INSURANCE

Information

Scan the books with the Universe Plus app to view the hack!



BYU brothers build ice cream shop from the ground up

By KENDRA WISE

BYU advertising alum Brandon Barkdull and his brother Blake, a BYU neuroscience student, have managed to scoop up success as co-founders of a Provo ice cream sandwich shop called Penguin Brothers.

The Barkdull brothers grew up sandwiched between an older and a younger brother in California. They would often make their famous cookie sandwich dessert from home.

Their mother, Leslie Barkdull, said their entrepreneurial instincts and strengths started from a young age.

"Blake was always trying to find adventure even as early as 2 years old. He thought it would be great to break two dozen eggs in my armoire to make his own breakfast and paint my new furniture orange with supposedly a washable orange marker," Leslie said. "Brandon was always constructing things using Legos, paper or any materials he found around the house. I got a 3D model of our house made out of paper as a gift for my birthday from him once."

As the Barkdull brothers got older, Brandon was always looking for ways to make money. In 5th grade, he had his mother purchase various items from a wholesale gift store. He then proceeded to sell them door to door and at sporting events until he eventually earned over \$2,000,



Brandon Barkdull

Brandon and Blake Barkdull, founders of Penguin Brothers, pose with the Penguin Brothers food truck. The brothers have had entrepreneurial skills in their blood since birth, according to their mother, Leslie Barkdull. The ice cream sandwich shop's name comes from the Barkdull brothers' penguin-like volleyball moves in high school.

according to Leslie.

"Blake, on the other hand, was always coming up with solutions to make the jobs he had more proficient and fun. He spent many summers on his knees painting curbs red in commercial business parking lots until he realized that sitting on his skateboard helped him paint quicker," Leslie said.

The brothers were very close growing up. Leslie recounted specific times in kindergarten and high school when they were protective and aware of one another. These traits have

continued within their business.

"Are you actually brothers, or is it just a catchy name?" is the most common question we get, hands down. Yes, we are and yes, it works very well," Brandon said. "It's a common misconception that doing business with family isn't a good idea. Doing business with anyone is hard, and family is no exception but, if you can make it work, there are some amazing benefits."

The business started when Brandon decided to buy an old food truck that was being used to sell chocolate-covered frozen

bananas. He called Blake, who was still in high school at the time, and proposed the idea of starting a business together, according to Leslie.

"We wanted to go straight to a storefront, but couldn't afford it and found a truck instead. That turned out to be the best decision for us at the time because we had so much to learn," Brandon said. "The truck model is more forgiving because you don't need to be open every day and it's more focused on high-volume, short-duration events."

While working on the food

truck, the brothers learned speed was key in the food truck world and it forced them to change their approach.

"We had to figure out how we could serve a quality product in a short amount of time, which led us into the catering business," Brandon said. "We found our niche in catering and it propelled the business forward, giving us enough money to invest in a storefront and grow the catering even more."

After buying the truck, the Barkdull brothers went straight to the drawing board to establish their brand. Their brand name was inspired by their volleyball careers in high school.

"The name was a nickname or inside joke. We both played volleyball in high school and would dive and slide quite a bit on our stomachs like a penguin, hence the 'Penguin Brothers,'" Blake said.

The effort and time both Blake and Brandon spent building their brand is what they attribute their success to.

"Creating a brand isn't just about selling products, but having fun and bringing people together has helped us grow to be more than just good ice cream and cookies," Brandon said.

As Brandon took on the marketing and finance, Blake took on operations and product, all while being full-time students. The brothers said balancing work life, assignments and tests was difficult at first.

"The solution was to be

present. When you were in class, you had to be in class and when you were in the business, you were in the business. It didn't solve all of our problems, but it helped a lot," Blake said.

Now, with a vibrant pink storefront tucked behind the dry cleaners on Canyon Road and Bulldog, a pink food truck parked near one entrance, the Barkdull brothers' dream has become a reality.

"Brandon put his entrepreneurial skills to the test, and Blake brought forth his business skills and creativity. Eventually, they found a building with lots of personalities and made it their first storefront," Leslie said. "If you go there you will understand their personalities. The decor is mostly Blake's on a very limited budget, and the layout and a relief of Han Solo is Brandon."

With big dreams for the future, the Penguin Brothers plan on opening more stores in Utah and Arizona and an internship program to give students the opportunity to run their own business for a summer.

"We are planning on five stores in Utah and one or two in Arizona," Blake said. "We also want to create an entrepreneurship internship program. We want other students to have that same experience by taking control of Penguin Brothers locations to learn about hiring, inventory management, small and large-scale marketing tactics, employee management and more."

CLEAN HEAT

No-burn days regulate Utah pollution

Continued from Page 3

Households that burn solid fuels as a sole source of heat can register with the program director to be exempt during mandatory no-burn periods, but not many households have claimed that status.

A new option for homes depending on solid fuel for heat is the Wood Stove Conversion Assistance Program, an incentive program set up by the state to subsidize the cost of converting a wood burning stove or fireplace into electric or natural gas heating systems.

Residents who applied for the

program could get up to \$3,800 toward the cost of a cleaner heating system. The program launched in October 2018 and Project Manager Joel Karmazyn said the response was immediate.

"The program launch was October 15, 2018, and we sold out in about a week," Karmazyn said. "We don't track the number of applications since many don't complete the applications, but we have issued 558 awards."

Although all the awards have been claimed, Utah County residents can still sign up for a waitlist for notification when more funds become available.

The Utah Division of Air Quality issues mandatory no-burn days when pollution is high and during winter inversions. From Nov. 1 to March 1 the government can mandate a no-burn day.

Utah, Box Elder, Cache, Davis, Salt Lake, Tooele and Weber Counties are currently regulated.

Police Beat

BYU

ASSAULT

Dec. 17 - Officers responded to a report of an assault occurring during a basketball game at the Richards Building.

DISORDERLY CONDUCT

Dec. 4 - After responding to reports of an individual acting out in Helaman Halls, officers contacted medical professionals and the individual was released to family members.

HARASSMENT

Dec. 14 - An individual reported receiving multiple phone calls from an unknown out-of-state caller, which did not stop after the individual asked the caller to stop.

THEFT

Dec. 5 - An individual reported a rear license plate taken from a vehicle at the University Services Building. The license plate has been entered into the national theft database.

Dec. 5 - An individual reported a cell phone stolen from the lobby area of Helaman Halls.

Dec. 5 - An individual reported two unsecured wedding rings stolen from the Smith Fieldhouse locker room.

Dec. 18 - An individual reported that someone went through the individual's vehicle and stole an old cell phone.

Dec. 20 - An individual reported a bicycle stolen from the Heritage Halls Central Building bike

rack.

Dec. 20 - An individual reported a bicycle stolen from the Thomas L. Martin Building bike rack.

Dec. 21 - An individual reported a wallet stolen from a vehicle at Wymount Terrace.

Dec. 28 - An individual reported a bicycle stolen from the Fletcher Building area. The individual called back saying a friend moved the bike and it was not stolen.

Jan. 3 - The Orem Police Department posted on its Facebook page that a man has been breaking into vending machines in schools in Orem and surrounding areas. Timpanogos High School, Pleasant Grove Junior High and American Fork High School are all investigating the break-ins,

which occurred over the holiday break. Each school sustained several thousand dollars in damages to vending machines and other property.

Jan. 4 - An officer responded to a report that vending machines in the Tanner Building were broken into and the cash boxes removed.

SEXUAL MISCONDUCT

Dec. 20 - An individual reported unwanted touching that occurred during a date.

SEX OFFENSE

Dec. 8 - An individual reported another individual being inappropriate while standing in line at the Wilkinson Student Center. The second individual was banned from the area.

MIXTAPE

This week:



Patrick

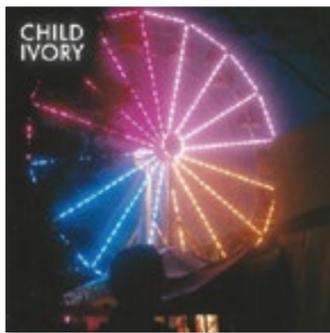


"Jumpsuit"
Twenty One Pilots
Singles

With the recent release of four new songs, Twenty One Pilots, again, impresses listeners and creates a great deal of anticipations for their new album "Trench". "Levitate", "Jumpsuit", "Nico the Niners", and "Blood" mirror their recognizable sound of past releases allowing the listener to enjoy their evolving sound without compromising their roots. "Jumpsuit" stands out as a clear hit due to its catchy, harder rock guitar riffs accompanied with the iconic voice of their lead singer, Tyler Joseph. Fans should definitely look forward with excitement to the planned release date of Trench on October 5th.

Hippo Campus marked the pre-release of their new album with the release of the song "Bambi". It's been a few years since their last album and "Bambi" promises this latest album will be a hit. The track stands out with its smooth tempo and somewhat more electric sounding synth, partnered with the lead singer, Jake Luppen's, trademark voice.

Bambi
Hippo Campus
Single



Rhetoric
Child Ivory
Single

With a Beach House vibe, Child Ivory is gaining momentum. Although they haven't released too many songs, each one they have is solid and unique. Look forward to them taking off in the future. "Rhetoric", one of their most popular songs, explores the dichotomy between finding meaning in life and falling into meaningless routines. Check out the music video online.

Scan the album covers with the Universe Plus app to hear a sample of each song.



BYU ARTS

byuarts.com | (801) 422-2981

Wonderland

Wonderland is a pop rock musical from the composer of *The Scarlet Pimpernel* and *The Count of Monte Cristo*. This new musical takes Lewis Carroll's classic story and sets it in present day New York. Jump down the rabbit hole to discover this inspirational story of love, redemption, and the power of imagination.

Jan. 24-26, 29-Feb. 2, 7:30 p.m.
Jan. 26, Feb. 2, 2:00 p.m.
de Jong Concert Hall



OFF THE MAP:
The Other Mozart

Thurs.-Sat., Jan. 24-26, 8:00 p.m.
Sat., Jan. 26, 3:30 p.m.
Pardoe Theatre



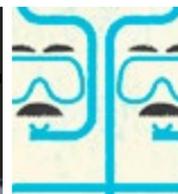
OFF THE MAP:
The Man Who Planted Trees

Thurs.-Sat., Jan. 24-26, 6:00 p.m.
Sat., Jan. 26, 1:30 p.m.
Nelke Theatre



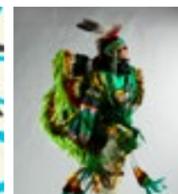
BYU Vocal Point

Fri.-Sat., Jan. 11-12, 7:30 p.m.
Sat., Jan. 12, 2:00 p.m.
Pardoe Theatre



Comedy of Errors

Feb. 6-9, 13-16, 7:00 p.m.
Feb. 9, 16, 2:00 p.m. & 4:00 p.m.
Nelke Theatre



Living Legends

Fri.-Sat., Feb. 8-9, 7:30 p.m.
Sat., Feb. 9, 2:00 p.m.
de Jong Concert Hall

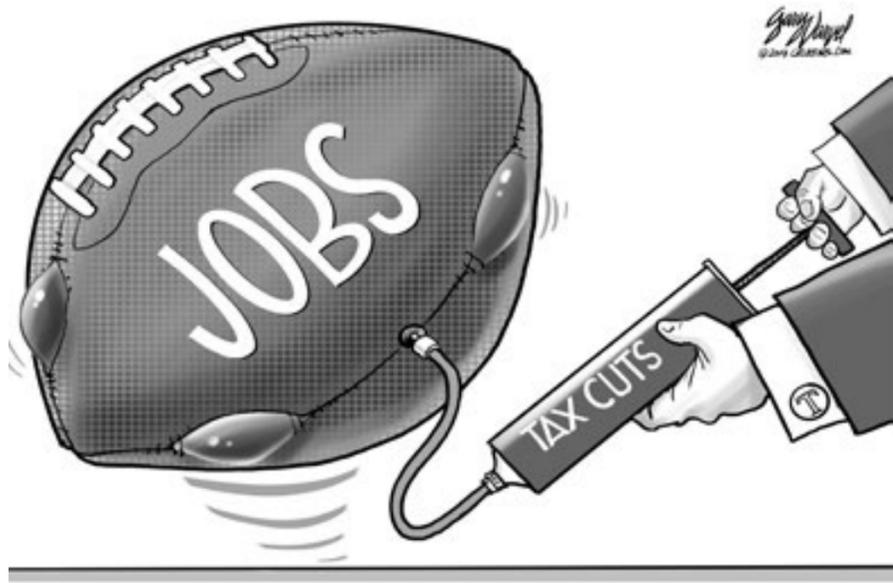
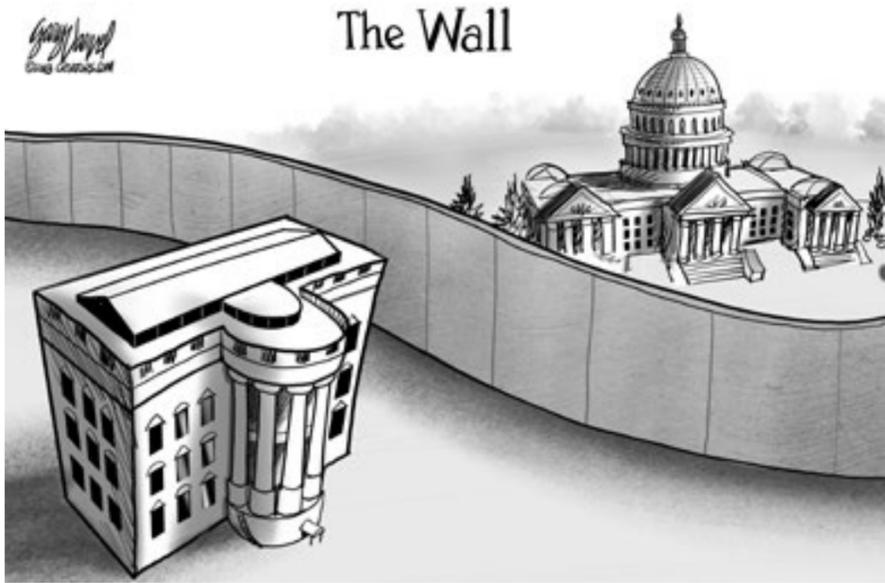
BYU Contemporary Dance in Concert
Thurs.-Sat., Feb. 7-9, 7:30 p.m.
Sat., Feb. 9, 2:00 p.m.
Pardoe Theatre

Cougarettes in Concert
Wed.-Sat., Feb. 13-16, 7:30 p.m.
Covey Center for the Arts
425 W. Center St., Provo

Winter Chorfest
Tues., Feb. 12, 7:30 p.m.
de Jong Concert Hall

All events are ticketed.





Tweet Beat

#BYU #BYUprobs

Want to see your tweet in print? Tweet something about life around you with #BYUprobs or #BYU and hopefully it makes the cut.

Leave comments at universe.byu.edu or @UniverseBYU

@bigbluepuddle

"I realize that college is like the pride cycle from the Book of Mormon... they were prospering in the land until they failed their Math tests"

@HeardAtBYU

@lexifay

my friend just got home from his mish & visited BYU to see an old comp & goes: "I was at this place called the Village & honestly I'm scared!! it was a testosterone infested minefield!!! is this what all of Provo is like??"

@HeardAtBYU

@courtney_mae12

"target is the most sacred place to me...well, after the temple" best and most relatable thing I've ever

@HeardAtBYU

@emmalee0326

BYU male: "well. She's 18 but she's *really* mature."

@HeardAtBYU

@saimygyu

"That's why you flirt with girls. Most likely they'll ghost ya, but at least they'll share their study guide with ya first."

@HeardAtBYU

@keli_fossett18

Conversation between me and my friend who is a convert:

"Sitting in student center listening to someone play the piano

Me: Can you play the piano?

My friend: I haven't been Mormon for long enough. All Mormons freakin know how to play the piano.

@HeardAtBYU

@Tiffanynoorda

Utah girls: "2018 was the greatest year of my life! I turned 19, I met this guy, we got married, and had a baby!"

@tuuulih

"I'll give my future fiancée 3 options for our honeymoon: Disneyland, Disney World, or Disney Cruise."

@HeardAtBYU

@_scosgrove

Guy 1: "You know, sometimes you just gotta yeet and pray"

Guy 2: "nods in understanding"

@HeardAtBYU

@beccapeeler

in the lib

"My goals for 2018 were marriage and organization. I'm lacking in both"

@HeardAtBYU

@emreemoody

"Please bless us to kill it in our exams these coming weeks"

"do you think God understands slang?"

@HeardAtBYU

@lesatinkaa

"We're gonna be chugging chocolate milk until we feel the Spirit"

@HeardAtBYU

@melaniemproctor

"My shirt says 'Coffee, please' and I feel kind of like a rebel." @HeardAtBYU

@neenee10101

"You're 21 right? We could hit up a piano bar... order some mocktails." @HeardAtBYU

@VainHarriet

Little brother in mission email today:

"I wrote an email. It was great. I wrote 116 Pages. But, of course, they got lost."

@HeardAtBYU

@WendyLee543

"I had a dream last night that someone broke into my apartment and I just let them because I had to get to my final."

@HeardAtBYU

@hankrsmith

5 Nephi 11

Thou shalt not announce 60 minute church and then have 86 minute church.

@mfadonohue

"I added her on Instagram AMD Facebook. I think I'm in love." @heardatBYU

@agentsiena

@HeardAtBYU "I'm considering going on a mission just to avoid going back to school next semester"

@itsmattfred

we just had cinnamon swirl bread for the sacrament, 2019 is off to a great start

@kenziejawns

my dad just got up in front of the ENTIRE ward and told the ENTIRE ward that I am single and he is ready for another son-in-law. So how's yall's Christmas break going??

Tweets are unedited

READERS' FORUM

Childhood obesity

I grew up in what I would consider to be a typical American home. Yes, I too, am a victim of being raised on pizza bites, Reese's Puffs cereal, chicken nuggets and treats. However, when I reached the age of about 14, as a girl going into high school, I no longer could get away with filling my body with the processed, over-sugared, over-fatty, over-everything junk I had grown up with.

Friends were starting to go on diets, restrict their calorie intake and form negative thoughts surrounding their bodies. It was around this same time when I had an epiphany — kids are taught how to fuel their bodies in reverse. They are fed junk and become addicted to sugar, only to later learn that most everything they are eating is bad for them.

We live in a time when eating disorders run rampant and many young people have a poor relationship with food. Food is designed to fuel our bodies and minds, so instead of implementing vegetables and whole foods as kids get older, we should be teaching them from the start.

Children watch what we do and learn through our habits and examples. If we first develop a healthy relationship with food ourselves and then teach the same principles to our children, we can help them and ourselves. Do your research and take time and pride in giving yourself and your children the food your bodies and minds deserve.

—Lahni Suzuki
Carlsbad, California

Student jobs

School is starting and we are all spending a lot of money. Tuition at BYU costs upward of \$2,500 for just one short semester. Rent for a small apartment ranges from \$250 to \$750 a month, your average date is at least \$20 and books are in the hundreds. Let's be frank, you need all the money you can get.

We all well appreciate that money doesn't grow on trees. We must earn it; however, as college students we don't have the time to work crazy hours and our priority is school. Hence, "the part-time job." One might ask, "How can I work and still balance school and social life and a million other things?" It's not easy; a few hours of work daily along with classes, homework, friends and church stuff is a lot, but BYU makes it easier. It offers a plethora of jobs and the incredibly flexible work schedule and convenient location make working while in college

that much simpler.

Understanding how to make and properly use money is essential in life. And yes, I know, a part-time job on campus is not going to roll in the dough, but it's a start. A job teaches you how to earn money consistently and spend it wisely. To ensure financial stability throughout life, we need to learn these valuable skills now.

I recently started a part-time job here at BYU, and I can honestly say I don't like my new reception desk nearly as much as the basketball court, but I know getting a job in college has helped me, and will help you use time more effectively, make your resume better and teach crucial money management skills.

—Darren Lowe
Bellevue, Washington

Prescription drugs

How would you finish the sentence "one-third of college students will..."? Gain 15 pounds their freshman year? Change their major multiple times? Those may be true, but the answer we will address today is one-third of college students will abuse prescription drugs during their college career, and that is a bigger problem than not fitting into your favorite jeans.

As students at a religious university we are not necessarily excluded from the trend. Some of the reasons people start misusing prescription pills include academic pressures, staying awake for late-night study sessions and dieting purposes. These are all struggles BYU students face on a daily basis. If anything, this is a bigger issue in our culture because the letter of the law does not state "thou shalt not use Adderall to stay up all night to study."

We are imperfect beings living in a culture that can sometimes mistake trying your best for perfectionism. There are many solutions to the problem of drug abuse, but in order to help we have to eliminate misconceptions.

Many people assume that to get these drugs, you have to go down a dark alley and get them illegally, but in reality you just have to walk into your doctor's office. In 2015, the amount of opioids prescribed in the U.S. was enough for every American to be medicated around the clock for three weeks.

As a 14-year-old with an ACL injury, I was part of this statistic. It is easy, and in most occasions right, to trust your doctor, however, it never hurts to research the effects of what we are putting into our bodies for ourselves. The result would be college students who were a little more tired, but a lot less addicted to prescription drugs.

—Hailey June
Racine, Wisconsin

OPINION OUTPOST

The Opinion Outpost features opinions and commentary on the latest hot topics from national news sources.

Utah Highway Patrol

There is little question that lives would also be saved if Utah were to crack down on those who talk or text while driving, or ease back on the recent trend of raising speed limits on rural highways, or lower the boom on generators of air pollution. The fact that state leaders aren't interested in the lives that would be saved by doing those things suggests an unhealthy fixation on alcohol, which may be inspired by the religious faith of most of our lawmakers, and a hands-off approach to everything else, valued by those same legislators.

—Editorial Board
The Salt Lake Tribune

National parks

As the federal government shutdown continues, it's become painfully apparent that

the public can no longer run amok virtually unsupervised in the national parks.

What's the evidence of that? The litter, vandalism and trampled ground. The human feces overflowing the public toilets and the urine along the roads.

Americans may love their national parks, but they don't always treat the parks with the care they deserve. The parks should shut down until the federal government reopens.

—Editorial Board
Los Angeles Times

Whaling

Withdrawing from the whaling commission for short-term political gain is a dangerous and foolish move, especially for an advanced country like Japan that has generally supported multilateral efforts on the environment. The commission is not a Western cultural imposition, as some Japanese nationalists might portray it, but the expression of a universal obligation to manage dwindling resources and protect the planet, including the magnificent giants of the oceans.

—Editorial Board
The New York Times

Digital privacy

The free and informed consent that today's privacy regime imagines simply cannot be achieved. Collection and processing practices are too complicated. No company can reasonably tell a consumer what is really happening to his or her data. No consumer can reasonably understand it. And if companies can continue to have their way with user data as long as they tell users first, consumers will continue to accept the unacceptable: If they want to reap the benefits of these products, this is the price they will have to pay.

—Editorial Board
The Washington Post

Space flight

Space exploration has become a fashion among the unfathomably rich, such as Jeff Bezos and Elon Musk, who are running rival private space programmes. The use of huge rockets in the tech billionaires' demonstrations of manhood isn't entirely comical. It speaks of a dream that they can leave the Earth and all its messy problems far behind. It is a

negation of the message of that first great picture from space — Earthrise — which showed us all sharing one planet. That is still who we are. And you cannot escape to the final frontier if you screw up the planet you start from.

—Editorial Board
The Guardian

Air quality

Particulates reached unhealthy levels in the Salt Lake Valley this week as another brown layer of inversion took hold. Bad air has become the biggest blot on Utah's otherwise pristine reputation. In this land of national parks and Olympics, most people live in a bowl of poisonous

muck every winter. It clouds our present and darkens our future — both physiologically and financially.

Ultimately, this is about political will, not bureaucratic inertia. The lack of urgency — the satisfaction with the progress that has been made — flows from the top. How many miscarriages will it take?

—Editorial Board
The Salt Lake Tribune

Congressional oath

More so than electing a new Speaker of the House or building coalitions in the Senate, fully and sincerely embracing the duty to support and defend the Constitution on Thursday (Jan. 3) would have the greatest

impact on the future of the country. We hope members understand that solemn responsibility.

—Editorial Board
Deseret News

Trust and integrity

Trust and integrity must begin in homes and neighborhoods. Living with integrity and building trust truly is an individual issue that carries immense repercussions.

Just as citizens should expect — even demand — integrity of national leaders, it is equally vital to trust that an accountant, doctor, teacher, financial adviser, contractor, spouse or friend will act with integrity.

—Editorial Board
Deseret News

WE WANT TO HEAR FROM YOU

The Universe encourages students, faculty and BYU staff to add their voice to ours by writing letters to the editor and guest editorials, or by submitting editorial cartoons.

- All letters should be submitted by email to universe.ideas@gmail.com. The topic of the letter should be included in the subject line.
- Letters should also include the author's name, hometown (for students), campus position (for faculty and staff) and phone number. Anonymous letters will

- not be published.
 - Letters should be no more than 250 words and may be edited for length, clarity or style.
 - Guest editorials should be 500 to 700 words and are encouraged from individuals with professional or academic expertise on the topic.
 - Original cartoons are also welcome.
- Opinion editor Josh Carter can be reached at universe.ideas@gmail.com.

Haddock twins reflect on volleyball careers

By JOSH CARTER

Twins often have a bond unrivaled by any other human relationship. After spending nearly every minute together for at least the first 18 years of life, one can understand why.

For twins Lacy Haddock and Lyndie Haddock-Eppich, this bond carried over to the volleyball court during their time at BYU and led to success for the women's volleyball team.

"Lacy and Lyndie are just two special individuals," BYU head coach Heather Olmstead said. "It's just cool knowing their relationship and their camaraderie on the court with each other. They're happy with each other's successes and they lift each other up when they're down. They just have a special bond that nobody else on the team has."

Lacy and Lyndie, both seniors, had the unique opportunity to play with each other throughout their entire college careers. Although their playing days at BYU are now over, Lacy, an outside hitter, and Lyndie, a setter, both contributed to the Cougars' success.

After seeing limited playing time her freshman season, Lyndie became a starter for BYU as a sophomore, playing in all 33 matches that season and averaging 10.26 assists per set. As a junior, Lyndie averaged 10.17 assists per set, and in 2018 she averaged 11.17 assists per set. She finished her senior season sitting in 24th place in the nation in assists per set, according to the NCAA.

Lacy, who also saw limited playing time her freshman season, had the statistically best season of her college career as a sophomore. During that season Lacy averaged 2.16 kills per set with a 0.23 hitting percentage. As a junior, Lacy played in only 18 of BYU's 33 matches, but averaged 1.23 kills per set on a 0.21 hitting percentage.

Although in the 2018 season Lacy played in only 25 of the Cougars' 34 matches, she contributed significantly after filling in for fellow outside hitter McKenna Miller, who suffered a torn ACL in a game against Santa Clara on



BYU Photo

Twins Lacy Haddock (11), left, and Lyndie Haddock-Eppich (6), were vital to BYU's 2018 Final Four run, and to the team's great success over the past four years.

Nov. 8. Lacy averaged 1.32 kills per set after Miller's injury on a 0.23 hitting percentage. Lacy had a season-high eight kills and 0.58 hitting percentage performance in a match against San Francisco on Nov. 10, just days after Miller's injury.

The Haddock twins, who developed a love for volleyball at a young age and grew up playing together, carried their passion for the sport to the collegiate level. Lacy talked about what it was like sharing the court with Lyndie at BYU.

"It's so fun, I can't really even imagine myself not playing with Lyndie," Lacy said. "I don't think I'd be playing here if I didn't have a twin sister, honestly. It's just been fun because, since we're different positions, she would set

to me and I hit off her sets."

Lyndie said her and Lacy's relationship influenced their interaction on the court.

"I think that's why we have good chemistry on the court, just because we've been playing together for so many years," Lyndie said. "It's just awesome that we've been able to play so many years together and then end up at BYU."

Not everything has come easy for the Haddock twins during their time at BYU. A couple weeks before the 2017 season, their dad, Quinn, passed away from pulmonary thromboembolism, an artery blockage in the lungs.

Although it was a hard time for the family, Lacy said her father's death

motivated her.

"I think the motivation of losing my dad has been (big)," Lacy said. "(There's been) a lot of emotion that I've had to control. But (him and my mom) have just been huge to us and I wouldn't be here without them."

Not only did Lyndie and Lacy help each other during their careers at BYU, but they have also influenced many of their teammates from the time they first joined the program.

BYU outside hitter Danelle Stetler, a fifth-year senior, recalled when she first met the twins before the 2015 season.

"When I first met them I was like 'Oh they're so intimidating,' even though I was older," Stetler said. "But they're

just such athletes and it's fun to watch the dynamic they have on the court. They just bring a fire that a lot of other girls don't really (have). They're so competitive and it really brings up the whole level in the gym."

BYU defensive specialist Sydnie Martindale, who transferred from Snow College before the 2017 season, said the Haddock twins were vital to the 2018 season's success.

"They love volleyball and they love competing," Martindale said. "They are a big part of this team and of why we're so good. They push each and every one of us during practice and during games. They love the game and they love the team, so they've helped us tremendously."

Brotherly ties supercede rugby scrimmage line

By DOLLI PLAYER

After growing up side-by-side in the rugby world, brothers Seen and Celcius Tarawhiti are making a name for themselves 7,678 miles away from their home country of Australia — and on separate university rugby teams.

There are only two years separating the Tarawhiti brothers, but they are more than just close in age.

"With the age difference between the two, they had the same friends, and would hang out together most of the time," said Sinclair Tarawhiti, the brothers' father. "We had no drama with them."

At a young age, the brothers cemented their relationship by competing together. Their family put them in a sport called rugby league, which is similar to rugby in gameplay and rules.

"(Seen and Celcius) started playing tackle rugby league at the age of five," Sinclair said. "They played a couple of seasons in New Zealand. Then we moved to the Gold Coast of Australia, which is a rugby league town, and the boys loved it."

The popularity of rugby league in the Gold Coast helped the brothers continue to play and improve. Both Seen and Celcius showed skill through their high school years.

With the time they spent together on and off the field, there was never any shortage of competitive spirit between the brothers — a spirit present in everything they did.

"We always had to be on the same team because our parents didn't want to drive to different places for our games," Seen said. "But we still found a way to be competitive in everything growing up, especially in the backyard. Basketball, backyard rugby, Xbox, all of it."

"And food, when we were fighting for seconds," added Celcius, laughing.

After so many years of life side-by-side, it wasn't surprising that the brothers made the big move to Utah together.

Seen, the younger of the two, moved to Utah to attend BYU in 2015 and lived in the state without his brother before serving a mission for The Church of Jesus Christ of Latter-day Saints in New Zealand. While Seen was away, Celcius decided to make the trek to Utah in 2016.

"When I was here my freshman year, I was here by myself and was lonely and homesick all the time," Seen said, patting his brother on the back. "I had my uncle, which was awesome, but having my brother here has made it a lot better."

Now that the brothers are reunited in the same city, their competitive spirit has been reborn. This time, however, it shines on the rugby pitch.

Seen joined the BYU rugby team in 2015 and played his freshman year under former head coach David Smyth, who is currently the coach for the UVU rugby program.

"Honestly my goal was to play for BYU, but then it would have taken me a while to transfer," Celcius said. "When my Uncle Wayne told me (about the coaching changes), I thought it was sweet. I was really excited because I knew as soon as they came to UVU they would turn the program around really quick, and they have."

The brothers' uncle, Wayne Tarawhiti, is a former assistant coach of the BYU rugby team and a big factor in why they decided to bring their rugby talents to Utah.

Seen, who began his American rugby career under the direction of Smyth and his uncle Wayne, said he knows the coaching change will bring a higher level of competition to Utah's rugby atmosphere.

"It's unfortunate that (the coaches) left, but it's cool that they went to UVU to help the program over there," Seen said. "It helps build the competition around this area. It's good to have another program that's got solid coaching and a really bright future."

The last time the two rugby teams were set to face each other in early 2018, BYU called off the game because of an "unsafe environment." Fans who were at the event noted fighting to be the main cause of the early forfeit.



Tiani Whitman

Brothers Seen and Celcius Tarawhiti grew up playing on the same team. Now, they're rugby rivals.

Wolverine fans tweeted the forfeit was unnecessary, but because the game wasn't broadcast, all accusations were based on hearsay.

With the local rivalry remaining hot and a game against UVU still unscheduled, the Tarawhiti brothers are looking forward to competing against each other on the field for the first time. Seen, who returned from his mission to New Zealand in June 2018, was not present for the ill-fated February matchup.

"In our friend group we have half of us from BYU (rugby) and half from UVU (rugby) and we like to talk trash to each other about when we play next," Celcius said.

"We don't know what it will take, but we hope it happens," Seen added.

Friend, roommate and UVU rugby teammate Utah Mann made the move to Provo after being inspired by what the Tarawhiti brothers accomplished in their college rugby programs.

"They are what inspired me to come out here, and I saw that they could do it, so I knew I could do it too," Mann



Tiani Whitman, Tony Barker

Seen Tarawhiti, right, takes a breather between plays. Celcius Tarawhiti makes a breakthrough play in game against Utah State.

said. "They helped me move up here, and helped me experience the state. Plus, they've become like brothers to me themselves."

Like Celcius, outside factors kept Mann from playing on the accredited

BYU rugby team, but he is just as excited for a future matchup.

"Because of the cards I got dealt, (BYU) is no longer an option," Mann said. "The next big thing would be to play them and beat them."

While both brothers are enjoying the time they get to spend on the rugby pitch, it can be difficult to be 7,000 miles away from home. Their family isn't too fond of the difference, either.

"They hate it," Seen laughs.

"Mum calls us everyday at the same time like clockwork. I'm at 3:00 p.m., he's at 3:30 p.m.," Celcius said, joining in.

Even though they joke about the distance, both the brothers and their family know that the move was the right choice for the brothers' futures.

"We miss them, but they are in the right place," their father Sinclair said. "They are having experiences that they will never have if they were still here on the Gold Coast. Their priorities should set Heavenly Father and the Church first. When you put the Lord first, the rest of the priority list becomes a little easier and you will be given inspired direction."

With an established life in Utah and a bright future for Utah rugby on the horizon, the Tarawhiti brothers said they are excited for what the future has in store for their rugby programs. Still, both hope to leave a more lasting impact than a few points on the rugby pitch.

"Rugby is awesome. It's done heaps for us in our life and it's a huge part of who we are and where we are from," Seen said. "Besides rugby, though, my goal is to get a valuable degree that can lead to a career that will provide enjoyment in my life and stability for my family."

With the competitive season approaching for both programs, the future of the local rivalry is still in the air. With the coaching changes and the outcome of the most recent matchup, there's no way to know if a rivalry game is guaranteed to happen.

However, the Tarawhiti brothers are ready to give a good show when it does.



BYU News

Recently released renderings show the improvements to be made to the LaVell Edwards Stadium for the 2019 season.

BYU releases renderings for stadium renovations

By JACKSON PAYNE

BYU recently released renderings to show what the LaVell Edwards Stadium will look like following renovations before the 2019 football season.

The university originally announced stadium improvements in a statement last August.

The renovations will connect the four major seating sections of the stadium without increasing seating capacity.

"The project will add

structural sections at the four corners of the stadium that will connect the existing four independent stadium stands at the mezzanine level," the statement says. "While no additional seating will be added to the stadium, these improvements will allow patrons to walk between stands without having to return to ground level."

Restrooms will also be added to the north and south ends of the venue, including family-friendly facilities.

"The changes are intended to improve accessibility, safety and the overall patron

experience at BYU football games and other stadium events," the statement says.

The stadium, which opened in 1964 and expanded to about 65,000 seats in 1982, has received various upgrades over the years, according to byucougars.com. In 2010 and 2011, the stadium improved its wheelchair access, reducing the seating capacity to 63,470. In 2012, the stadium received new video walls and a new scoreboard.

The project is underway and is scheduled to be completed before game one against Utah in August 2019.

Men's soccer caps season at Elite 8 appearance



Ken Jenson

Eric Morris, forward, takes a shot on goal at South Field during a game against UVU on Sept. 22, 2018.

By DOLLI PLAYER

The BYU men's soccer program capped an undefeated regular season with an appearance in the Elite Eight and the team is setting its sights high for next year.

All eyes were on the Cougars during the postseason as they entered the National Intramural and Recreational Sports Association (NIRSA) soccer tournament as reigning champions.

BYU lost to the Florida Gators on Nov. 30, 2018, eliminating the Cougars from the tournament.

"We know that we have the talent and depth to win games, but we have to stay locked in mentally," said Keone Kapisi, a senior who walked on the team in 2016.

Since the program began, the men's soccer team has secured eight national championships.

Head coach Brandon Gilliam has been with the program since 2002. He played with the team for five years and worked as an assistant coach for eight more before accepting the position of head coach in 2015.

Through those 16 years, Gilliam has maintained his

Cougar pride.

"Every aspect of this program strives to represent the culture and characteristics of BYU," Gilliam said. "I want as many people as possible to see these players and what they represent."

Although the team finished the regular season undefeated, the season wasn't without its challenges.

"This season, the greatest challenge was San Diego in the Aztec Cup," Kapisi said. "It was the first time we had trailed all season, and it took a lot of heart to stay in it and fight back."

Current team captain Tanner Whitworth looked to a different game for growth as the season came to a close.

"Our biggest challenge this year was probably Utah State when we played them at their field," Whitworth said. "From that game, we learned to keep ourselves calm. It doesn't matter what the fans are screaming, what trash talk the players are spouting or even if the referee has lost control of the game."

As the program continues to evolve and secure more wins, the players hope to return to the NCAA. The Cougars were dropped from the NCAA tournament in 1987 and have

maintained club status at the university since.

"My personal hope is that one day the team will become an NCAA team," Kapisi said. "I believe we have the talent, and it would be a good challenge for us and the school. I think the students would love it, too."

Fourth year senior Christian Guthrie also hopes the program advances.

"I hope that BYU and the men's soccer program can continue to have a healthy relationship," Guthrie said. "Maybe one day BYU will make the program Division I so that our kids can come play. That will be a long time from now, but I think that is the ultimate goal of the program."

As the team members prepare for next season, they know winning isn't the only thing that will bring success and possible NCAA status.

"We have to remember who we are and what we represent," Whitworth said. "First, we remember that we are members of the restored Church of Jesus Christ. Second, we remind ourselves that we represent BYU. Third, we remember our brothers on the team and those who have gone before us. We stay grounded in what we represent."

Simple Bites

PUMPKIN CRUNCH CAKE

	For 2	For 4	8 or more	
	4 oz	8 oz	15 oz	canned pumpkin puree
	3 oz	6 oz	12 oz	evaporated milk
	1 egg	2 eggs	4 eggs	eggs
	1/4 cup	1/2 cup	1 cup	granulated sugar
	1/8 cup	1/4 cup	1/2 cup	brown sugar
	1/2 tsp	1 tsp	2 tsp	pumpkin pie spice
	1/4 tsp	1/2 tsp	1 tsp	cinnamon
	1/8 tsp	1/4 tsp	1/2 tsp	nutmeg
	1 pinch	1/8 tsp	1/4 tsp	ground clove
	1 pinch	1/8 tsp	1/4 tsp	ground ginger
	1/4 tsp	1/2 tsp	1 tsp	salt
	1 cup	2 cups	1 pkg.	vanilla cake mix
	1/4 cup	1/2 cup	1 cup	chopped pecans
	1/4 tsp	1/2 tsp	1 tsp	cinnamon
	1/4 cup	1/2 cup	1 cup	butter or margarine
	4 x 4	8 x 8	9 x 13	oven proof baking pan

Preheat oven to 350 degrees. Lightly grease baking pan or mug with spray oil.

In a large bowl, combine pumpkin, evaporated milk, eggs, sugar, brown sugar and spices. Mix well.

Spread pumpkin mixture into appropriate sized baking pan.

Open cake mix and sprinkle on top of pumpkin mixture gently patting down.

Sprinkle with chopped pecans and remaining cinnamon.

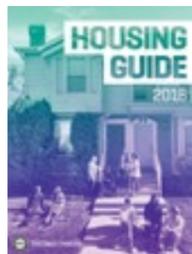
Melt butter in microwave (about 1 minute) then drizzle over top of cake.

Bake for approximately 1 hour or until sharp knife inserted in center comes out clean.

Can be served warm or cold topped with whipped topping or vanilla ice cream.

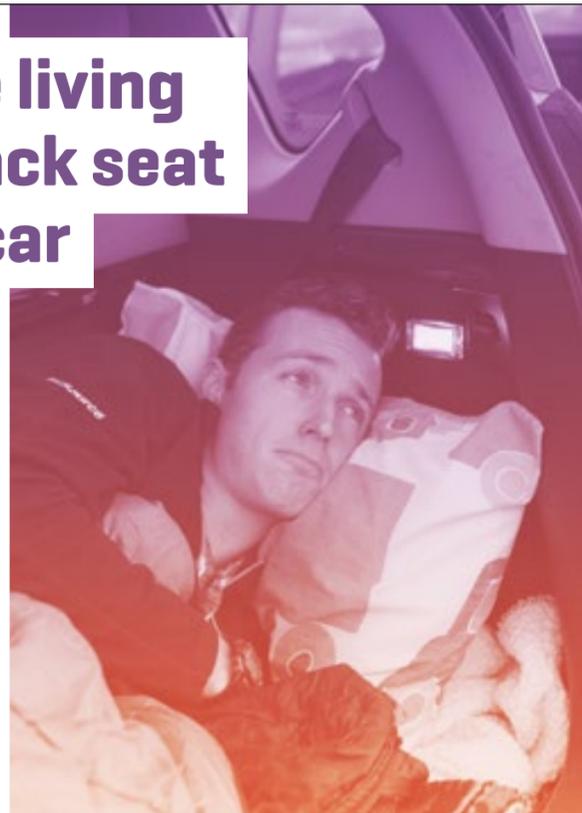
Scan the photos with the Universe Plus app to see a video demonstrating how to make this recipe.

Because living in the back seat of your car doesn't cut it.



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HOW LONG WOULD IT TAKE YOU TO CREATE ARTIFICIAL INTELLIGENCE THAT IS AS SMART AS HUMANS?

IT SHOULDN'T TAKE ME LONG TO DUMB-DOWN A COMPUTER TO HUMAN LEVELS.

WHAT? IT MIGHT TAKE FIVE MINUTES, TOPS.

I'VE CREATED THE FIRST ARTIFICIAL INTELLIGENCE THAT IS AS SMART AS A HUMAN BEING.

THE BREAKTHROUGH CAME WHEN I REPLACED ITS LOGIC CODE WITH CONSPIRACY THEORIES, LIES, EMOTIONAL OUTBURSTS, AND OVERCONFIDENCE.

YOU HAVE CREATED AN ABOMINATION.

I FIND IT CURIOUS THAT YOU TAKE SIDES WITH THE CHEM TRAILS.

Peanuts®

IT'S SEVEN O'CLOCK AND IT'S MONDAY MORNING AND I'M DOOMED!

I CAN'T GO TO SCHOOL WEARING A DRESS... I JUST CAN'T!

WHAT AM I GOING TO DO? WHY DO THEY HAVE TO HAVE A DRESS CODE?

IF YOU WAKE UP, BUT DON'T OPEN YOUR EYES, WILL THE DAY GO AWAY?

NO, MA'AM, I DIDN'T WEAR A DRESS TODAY BECAUSE I'VE DECIDED TO DEFEY THE DRESS CODE.

I DON'T THINK IT'S FAIR... YES, MA'AM... I UNDERSTAND...

SO LONG, FRANKLIN... THIS IS IT!

WRITE TO ME IN CARE OF THE TOWER OF LONDON!

Garfield®

TODAY'S FORECAST...

BORING, WITH A 50 PERCENT CHANCE OF DULL.

HI, GARFIELD. MAKE THAT 100 PERCENT.

BLAH-BLAH-BLAH-BLAH-BLAH-BLAH-BLAH...

JON IS TELLING ME ABOUT HIS DAY.

HIS BORING, BORING DAY.

BLAH-BLAH-BLAH-BLAH-BLAH-BLAH-BLAH-BLAH-BLAH-BLAH-BLAH-BLAH...

THAT JUST TOOK AN INTERESTING TURN!

Pickles®

HAVE YOU BEEN A GOOD KITTYPY TODAY, MUFFY?

YES, YOU HAVE BEEN A GOOD KITTYPY, HAVEN'T YOU?

DID YOU SEE HOW SHE TALKS TO THE CAT?

SHE THINKS THAT CAT ACTUALLY KNOWS WHAT SHE'S SAYING!

YOU'RE MAKING PANCAKES, EARL?

YEAH, I THOUGHT I'D SURPRISE YOU.

ARE YOU SURPRISED?

YES, VERY SURPRISED.

I'VE NEVER SEEN ANYONE USE A KITTYPY LITTER SCOOPER FOR A SPATULA.

OOPS!

Non Sequitur®

EXCUSE ME, SIR... HOW WOULD YOU LIKE TO BE THE NEXT CHIEF OF STAFF?

THE SANITY TEST

I ALWAYS WONDERED WHAT HE DID THE REST OF THE YEAR, AND NOW THE WHOLE NAUGHTY-OR-NICE LIST THING SUDDENLY MAKES SENSE.

Zits®

BEZ!

POWER FAILURE!

I'M DEPLOYING EMERGENCY RESPONSE ACTION!

AN ACOUSTIC GUITAR? EVERYBODY RELAX. IT'S UNDER CONTROL.

HOW LONG IS THE POWER GOING TO BE OUT? THERE'S NO TELLING.

REMEMBER THE LAST TIME THIS HAPPENED? NO.

YOU DON'T REMEMBER NOT HAVING ELECTRICITY FOR EIGHTEEN HOURS?? DOESN'T RING A BELL. OH, RIGHT. HE SLEPT THROUGH IT.

Sudoku

Use the numbers 1-9 once in each row, column and marked grid of 9. Puzzles increase in difficulty from left to right. Solutions are at universe.byu.edu/sudoku.

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

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

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

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

The New York Times Crossword

Edited by Will Shortz No. 1203

ACROSS

- Expressions of amazement
- Amaze
- Illegal motions by pitchers
- Houston player
- Great Dane, e.g.
- Notable happening
- Great Dane of animated cartoons
- Happen again
- Immensely long stretches
- Broke bread
- Limited in number
- Escalator feature
- Result of overnight condensation
- Lipton offerings
- "Bus Stop" dramatist William
- Nut often squirreled away
- Basic trig ratio
- Invitation request, in brief
- Sound on a dairy farm
- "Impossible for me!"
- Harmful cigarette stuff
- Equestrian's sport
- Umpteen
- Lessen
- Fee payer, often
- Londoner, e.g., informally
- Words on returned mail
- Vegetarian's no-no
- Aviator Earhart
- Cozy lodging
- Ricelike pasta
- Bring home, as a runner
- Couple's ballet dance
- Turn aside
- Number replaced by "hup" by a drill sergeant
- Resort island near Naples
- Key Watergate evidence
- 72, maybe, on a golf course
- Twin Mary-Kate or Ashley

DOWN

- Oxygen and nitrogen
- Racecourse near Windsor Castle
- Implement for a Neanderthal
- Thrive
- Break down in tears
- Make larger
- Swain
- Conscious self, to Freud
- Explorer who lent his name to a strait off Alaska
- Member of a Marvel superhero team
- French play about a storied Spanish soldier
- Gridiron legend
- Spread here and there
- Thanksgiving dishes
- Made to pay as punishment
- Dingbat

ANSWER TO PREVIOUS PUZZLE

THROB STOP BOWL
 AMINO HAHA UVEA
 TOOTSIEPOP REAM
 HOMES ETERNE
 GATEMAN AREA
 GRID CAPNCRUNCH
 SMELT ROUE ALI
 BAS ACCENTS PAP
 ANO KAYE ABASH
 GINGERSNAP ALSO
 RIOT ROADMAP
 INSITU RENTS
 CONN SOUNDBITES
 EPIC EDNA ADORE
 SETH LEGS TENET

The New York Times Crossword

Edited by Will Shortz No. 1204

ACROSS

- Commonly sprained joint
- Smurf with a white beard
- Sounds when settling into a hot bath
- Good name for a dyslexic neurosurgeon?
- Each
- Four Corners state
- Clothing store event to get rid of excess merchandise
- Sitarist Shankar
- French writer who refused the 1964 Nobel Prize in Literature
- Evita of "Evita"
- Government agency charged with protecting the first family
- Tolerate
- Prefix with -phyte
- Participate in a prizefight
- Nursery rhyme character who met a pieman
- Old Russian autocrat
- Prank
- Steakhouse specification
- In the near future
- Word before sells or cells
- Exclamation on "The Simpsons"
- Admission of defeat
- Brooke Shields sitcom set at a trendy magazine
- "Hurray!" or "Ole!"
- Really small, informally
- Destruction
- Nightclub singer who was given the nickname "Budha" by Frank Sinatra
- Strong desire
- Stanley Gardner of detective fiction
- Christmas carols
- Hot Chocolate or Vanilla Fudge
- Professional org.
- Plumber's device

DOWN

- "Washboard" muscles
- Org. opposed by Everytown for Gun Safety
- North Korean leader
- Expired, as a membership
- Intertwines
- Cut's partner in word processing
- Separately
- Firehouse fixtures
- Orangutan, for one
- Bye at the French Open?
- Company that created Pong
- Destruction
- Bootblack's job
- Drop the ball
- Air Force One passenger: Abbr.
- Schoolteacher's wake-up time, perhaps
- First month of el año
- Blushed or flushed
- Active person
- Popular Japanese cars
- Applies, as a thick coat of paint
- Where the buoys are
- Affirmative vote
- Jan. honoree
- Distance units in astron.
- NNW's opposite

ANSWER TO PREVIOUS PUZZLE

UNPAID SPA UGLIS
 POORME CAL POINT
 DUKEOFKENT EENSY
 AGES YIN EONS
 TAROT STARKNAKED
 ETS AHS VEE HALO
 ICE SAGE ETAL
 FOUNTAINSOFWAYNE
 ATTA TNUT FED
 WREN MAC BEE PALM
 NOSYPARKER PSALM
 COPA RAT ASEAR
 BREAD BANNERYEAR
 LASSI IDS COHOST
 TYPEA COT HOISTS

The New York Times Crossword

Edited by Will Shortz No. 1204

ACROSS

- Basic facts
- Nincompoop
- Billionaire Carl
- Last full month of spring
- Second addendum to a letter, for short
- Summer zodiac sign
- One who works with bricks
- Bonanza discoveries
- Barbershop call
- Blushed or flushed
- Active person
- Popular Japanese cars
- Applies, as a thick coat of paint
- Where the buoys are
- Affirmative vote
- Jan. honoree
- Distance units in astron.
- NNW's opposite

PUZZLE BY PETER GORDON

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Utah museums provide family-centered learning experiences

By CIERA KUESER

The new Butterfly Biosphere at Thanksgiving Point in Lehi is set to open this month, joining the Tracy Aviary and the Bean Museum as an educational family museum in Utah.

Butterfly Biosphere

According to Thanksgiving Point Communications Director Josh Berndt, the Butterfly Biosphere will have three components tailored to different age groups. The main attraction will be the conservatory. There, nearly 1,000 butterflies will be kept in a 10,000 square foot glasshouse. The conservatory will be kept at a humid climate where the butterflies will live year-round. It will also feature dozens of tropical plant species to keep the butterflies fed.

The Costa Rica Climber is another feature in the Butterfly Biosphere, according to Berndt. It will be a tree house dedicated to younger visitors looking to explore. The Costa Rica Climber also has a separate play space for smaller visitors.

The Discovery Zone is the third section of the Butterfly Biosphere. It will be an area where guests can explore and experience hands-on games with super-sized surroundings — making guests feel small like a bug.

“This place will have hands-on games and ‘A Bug’s Life’ section. It will be kind of cool where you’re on a playground the size of a bug,” Berndt said.

Visitors can also learn about metamorphosis in the Discovery Zone and see dozens of spineless animals, according to Berndt.

Berndt said the Butterfly Biosphere is unique to Utah as a museum with live butterflies.

“For the last year and a half, the Butterfly Biosphere



Lexie Flickinger

Guests visit the Butterfly Biosphere at Thanksgiving Point at the first tour of the partially-completed habitat. About 1,000 butterflies will live in the biosphere starting Jan. 18.

has been under construction. There’s really nothing like this in Utah,” Berndt said.

According to Berndt, the conservatory is a USDA containment facility, meaning Thanksgiving Point can legally host and display butterflies from all over the world. Butterflies come from countries including Costa Rica and the Republic of the Congo.

“There are two separate doors you have to go through and the one into the conservatory cannot open until the other one is closed so no butterflies escape,” Berndt said. “And when people leave the biosphere, they have to go through a check. There are employees that make sure the leaving visitors don’t have any butterflies on them.”

Berndt said the conservatory is a great way to spread butterfly awareness.

“We are losing a lot of pollinators in Utah, and butterflies are in danger. It’s good awareness for not just these guys here, but all butterflies,” Berndt said.

To help visitors have a good experience, Berndt said Thanksgiving Point makes the conservatory a ticketed event.

“We would much rather have a fewer number of people having an awesome experience than let a whole bunch of people in here,” Berndt said.

Pre-sale ticketing for the Butterfly Biosphere opened Nov. 8, and the Biosphere is expected to open to the public Jan. 18.

Berndt said he looks forward to the Butterfly Biosphere’s opening and noted that Thanksgiving Point is a nonprofit focused on providing opportunities for family learning experiences.

Tracy Aviary

Other museums in Utah strive to provide family-centered experiences, like the Tracy Aviary in Salt Lake City.

Toni Miller, marketing personnel at the Tracy Aviary, said the organization focuses on providing learning opportunities for every age.

“Most everything that we do is basically focused around families, but we have lots of education programs too,” Miller said.

According to Miller, the Tracy Aviary provides different learning events like the Halloween Hoot, Nature in the City, school break camps and the Christmas Bird Count. Each event is curated for a different-aged audience.

Miller said the Tracy Aviary constantly works to provide new experiences to visitors.

“There’s always something new going on. We update our website and we update our social media to keep everyone in the loop,” Miller said.

Bean Museum

The BYU Bean Life Science Museum also provides events for all ages, according to education administrator Katie Knight.

Knight said the live animal shows are the museum’s most popular program.

“We have about 20 reptiles and amphibians that we keep

here in the museum. We have nine shows that we do with those live animals to teach different age groups different biological concepts,” Knight said. “Each of those shows are designed to fit with the core curriculum for the state, so it also supplements what the teachers are doing in the classroom, but it’s for families as well.”

Knight said the museum has a preschool show tailored to 3- and 4-year-olds called the Animal Discovery Show. The museum also offers a program for young visitors called Discovery Reading where staff read stories and bring out an animal.

According to Knight, the museum constantly looks for ways to change visitors’ experiences.

“We are constantly working on new exhibits. Sometimes it’s a little slower than at other times,” Knight said. “We’re working on a new one now on evolution that will be coming this spring, and that’s pretty exciting.”

Sister missionary dress standards change

By CAMILLE BAKER

Sister missionaries in all 407 missions across the globe can now wear dress slacks year-round, a news release from mormonnewsroom.org says.

Previously, sister missionaries were allowed to wear dress slacks during wet seasons, according to the news release. However, this change allows sister missionaries the option of wearing dress slacks during any season.

This change is effective immediately. The Church of Jesus Christ of Latter-day Saints’ First Presidency approved the change.

Elder Dieter F. Uchtdorf of the Quorum of the Twelve Apostles, who also serves as the chairman of the Missionary Executive Council, said the change is because of safety concerns.

“Adjustment to the missionary dress and grooming standards have changed over time since the beginning of the Restoration of the gospel of Jesus Christ in 1830 and will continue to do so in the future,” Elder Uchtdorf said in the news release. “As we adapt these standards, we always carefully consider the dignity of the missionary calling to represent Jesus Christ, the safety, security, and health of our beloved missionaries, and the cultural sensitivities of the places where they serve.”

Sister Bonnie H. Cordon, Young Women general president and a member of the Missionary Executive Council, said the changes are to help prevent and minimize the risk of getting any illnesses carried by mosquitos or other disease-carrying bugs.

While Sister Cordon said wearing dress slacks is optional, the news release specifies sister missionaries will still wear skirts or dresses for temple, baptismal and Sunday worship services and for missionary leadership and zone conferences.

“Sister missionaries are amazing people,” said Sister Cordon in the news release. “We want to make sure that they’re protected.”

BURNS SUPPER

Robert Burns

SCOTLAND'S POET

Saturday, February 2, 2019
Wilkinson Student Center Room 3222
6:00 PM: Dinner and Entertainment
\$30 per person for member or with BYU ID

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