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January 30 - February 5, 2018

THE UNIVERSE

Serving the Brigham Young University Community

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Brigham Young University
Provo, Utah

Utah has nation's fourth largest gender wage gap

By KAITLYN BANCROFT

Kyra Torres began working at an assisted living home when she was 16, making \$9 an hour. After a year, she was given a \$1 raise.

But when her friend Chris began working there, he was started at \$11.50 an hour, despite her having "significantly more experience" than him, Torres said.

"We weren't supposed to talk about how much we were making when we worked there, but me and Chris were friends," said Torres, now 20 and married to Chris. "I just got annoyed and kept working."

Torres, who's studying health promotion and education at the University of Utah, said she didn't take any action.

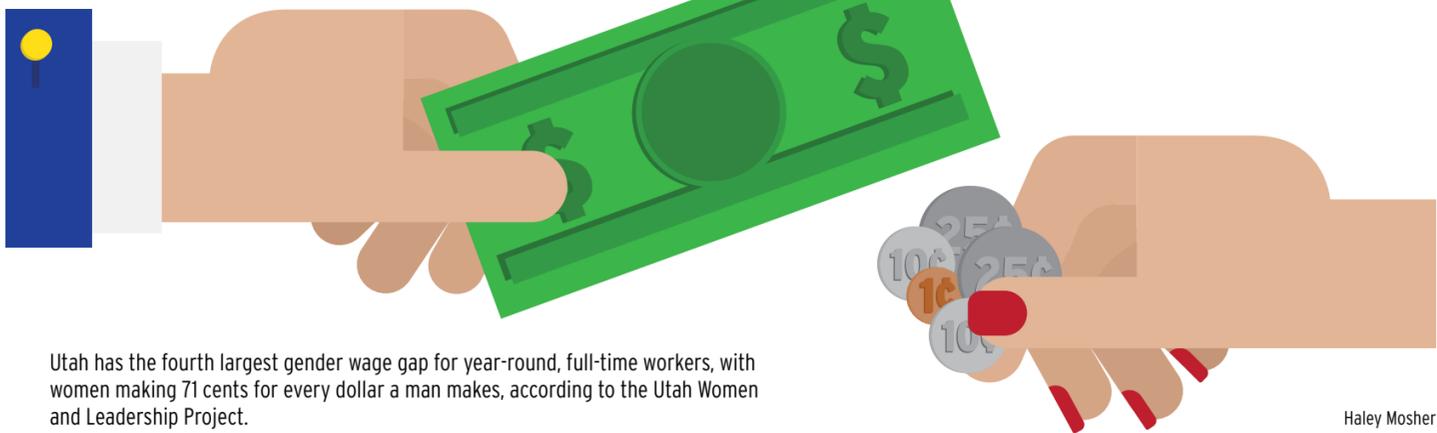
"I just knew no one would care," Torres said. "No one would've taken it seriously."

Utah has the fourth largest gender wage gap for year-round, full-time workers, with women making 71 cents for every dollar a man makes, according to a brief and infographic from the Utah Women and Leadership Project. In addition, women make 29 percent less than men in Utah, compared to women nationally who make approximately 20 percent less than men.

However, when the United States' gender wage gap is adjusted for factors such as job title, education and experience, the gap shrinks from 24.1 percent to 5.4 percent, according to a report from Glassdoor.

Numbers game

Kyle Robinson, an auditor for PwC (PricewaterhouseCoopers), said the



Utah has the fourth largest gender wage gap for year-round, full-time workers, with women making 71 cents for every dollar a man makes, according to the Utah Women and Leadership Project.

Haley Mosher

problem with talking about the gender wage gap is many people misunderstand the numbers.

The oft-cited statistic of women making 79 cents to every dollar men make is only a comparison of what men make on average and what women make on average, Robinson said. The statistic doesn't account for other factors that contribute to salary, such as industry, work experience and location.

"(The statistic) is an apples to oranges comparison," Robinson said.

Robinson said there are instances of an equally qualified woman being paid less than a male counterpart, but these situations are rare and protected under the Equal Pay Act of 1963.

"The truth is, we hear this generic, vague '79 cents to the dollar' figure way more than we hear of actual specific cases of wage gap at a company,"

Robinson said.

Robinson said that people should focus on specific instances of discrimination and companies that allow a gender wage gap rather than saying all American businesses are sexist.

"I feel like the whole (gender wage gap) movement is more about blaming and name calling than actual action," he said. "If we want to close the gap, quit calling everybody sexist, and let's encourage more women to pursue higher paying careers. ... Or let's simply realize that different jobs in different locations with different experience levels pay different amounts."

Robinson said believing in a gender wage gap is counterproductive to working toward true gender equality because it takes focus away from real issues.

If people really want a woman's average pay to be raised, they should

encourage women to go into engineering, software and other high-paying fields, Robinson said.

Contributing factors

Many people try to discount the gender wage gap by saying a doctor's wages can't be compared to a secretary's wages, said Robbyn Scribner, a researcher and writer with the Utah Women and Leadership Project. While Scribner acknowledges how the gender wage gap shrinks when other factors are considered, she still thinks the gap matters, regardless of how small it is.

"If (the gap) is based solely on your gender rather than your qualifications, your success, your expertise, then it shouldn't be there," Scribner said.

Scribner said Utah's gender wage gap is the result of a variety of factors

including educational success, type of education and time spent away from the workforce. She also said a large part of the gender wage gap is occupational segregation, meaning jobs dominated by men tend to pay more than jobs dominated by women. Specifically in Utah, she continued, more women go into female-dominated fields, which tends to affect the state's gender wage gap.

She also said early socialization may play into why men and women dominate different fields. For instance, she said boys are praised for taking risks and are told, "You'll get it next time," when they fail. Girls, however, are praised for getting the right answer, sitting quietly and being obedient and are taught they have a lot of value if they're perfect.

See WAGES on Page 2

Students with children share challenges, insights

By LAURA SPILSBURY

BYU public health major Autumn McConeghey didn't have to worry about changing diapers, feeding a baby or fitting homework in around nap time before the fall semester began last September. Now that she has a son, her schedule is very different.

McConeghey, a junior from Windsor, California, is just one of several BYU students who are both students and parents. She and her husband, Aaron, have some unique challenges as they raise their children while going to school.

"Probably one of the main challenges that I face being a student and a parent is being good with time management and adjusting to a new schedule," McConeghey said.

BYU School of Family Life professor Laura Padilla-Walker said the college student-parent demographic is not very common outside the LDS community, so there hasn't really been any research done on this group.

"Most college students aren't even married, let alone having children," Padilla-Walker said.

According to the BYU Y-Facts website, 26 percent of BYU students are married. There is no data available on how many of these married students have children.

Padilla-Walker said the most important thing college students who are also parents can do is to work together.

"One of the benefits of both parents being in school is that hopefully schedules are relatively flexible and mom and dad can balance their schedules so one parent is with the child most of the time," Padilla-Walker said. "Working together and finding time for one another is also key to maintaining a healthy marriage and optimal parenting."

This strategy has worked for human development senior Megan Winters and her husband, Kyle, who is also a BYU student.

"For the majority of my classes, my husband isn't in class, so he watches (the baby). But just for a short amount



Laura Spilsbury

BYU public health student Autumn McConeghey plays with her 4-month-old son, Emmett. McConeghey is one of several BYU students who have had children while in school.

of time, our classes overlap, and so my brother watches her," Winters said.

Some students aren't so lucky; they don't have a spouse who can trade off watching their children or have family members nearby who can help.

One thing theater education senior Nicole Schofield struggled with after giving birth was figuring out care for her 15-month-old son, Bryce. Her husband, Mike, who is not a student, works full time and can't be with Bryce while she's at school.

"I kinda thought that I would be able to bring him with me to all of my classes my first semester back when he was four months old, but only two professors were OK with it," Schofield said. "I had to scramble at the last minute to find a daycare."

For Winters, preparing financially for her pregnancy and postpartum life was a priority. She found the BYU Family Finance class to be particularly helpful.

"(The class) taught us how to budget and I think that was the biggest thing

because after you have a baby your budget totally changes. You're now having to get diapers and wipes, and (children) go through clothes really fast, so just learning how to budget those things really helped me," Winters said.

Winters also said getting estimates from her insurance company of hospital bill costs was helpful so she and her husband could know how much money to save.

In terms of raising children, Padilla-Walker said it's important to make sure parents spend quality time with a child, even when they are students trying to juggle a lot of priorities.

"Put down your phone or your textbook and give your child your full attention," Padilla-Walker said. "Quality parenting is more important than quantity, so if you feel like you're being pulled in many directions and don't always have the amount of time you desire with your child, make sure that the time you do have is of high quality."

McConeghey may be busier than she was before she had a child, but she has

optimism for the future. She encourages other student parents to remember they can do hard things.

"Just take into account that you won't be able to do all of the things you used to do, but that you can get all the important things done, and to not hold yourself to outrageous or too-high expectations," McConeghey said.

Here are a few local resources and social services available in Utah Valley that students might find useful:

WIC program

According to the USDA website, the WIC program is a governmental social service that provides supplemental foods, health care referrals and nutrition education for women, infants and children up to age five in low-income families. Women who are pregnant and postpartum, whether they're breastfeeding or not, are eligible for these services if they fit within the income guidelines. Lactation consultation and help with formula are also available.

McConeghey said her family has

greatly benefited from WIC services. "WIC has been really helpful in supplying baby food for Emmett, which has been really helpful because we're students, so we don't often have like a lot of extra cash for all the extra things that come with babies."

According to the USDA, the WIC program has been in place since 1974, but participation has steadily decreased by 16 percent since peaking in 2010 at 9.2 million participants. In 2016, roughly 7.7 million people participated in the WIC program. The USDA notes on its website that this probably is due to a rise in economic growth, less unemployment and the declining birth rate in the United States.

McConeghey said she was able to find information on applying to the WIC program by speaking directly with WIC employees. There is a WIC office in Provo, and there is also information on signing up for WIC in Utah on the Utah WIC website.

Medicaid and the Department of Workforce Services

According to the U.S. Department of Health and Human Services, Medicaid provides medical coverage to some low-income people, families and children, pregnant women, the elderly and people with disabilities. Students wishing to apply for Medicaid can do so on Utah's Medicaid website. Utah's Department of Workforce Services, which also provides help with child care and employment, provides these services. Students can find more information on the department's website.

BYU family-friendly study room

The BYU library's family-friendly study room is a special area that has toys, play structures, a family bathroom, a nursing area, study tables and children's books for students with children.

"It's been great for when I need to meet up with classmates for a group project. I always suggest meeting there," said theater education senior Nicole Schofield. "It's really useful, but I wish there was more available at BYU for parents, like a daycare."

See PARENTS on Page 2

UNIVERSE news briefs

FROM THE ASSOCIATED PRESS



Outdoor gear sales slip as millennials shift habits

Outdoor equipment sales are slipping as millennials favor clothes and sporting goods that are less specialized and more versatile, analysts say. Industry retail sales totaled \$18.9 billion from Dec. 2016 through Nov. 2017, down 6 percent from the previous 12 months, according to NPD Group, a market research company. Millennials are less likely than the previous generation to demand outdoor gear that stands up to extreme conditions, said Matt Powell, NPD's senior adviser for the sports industry.



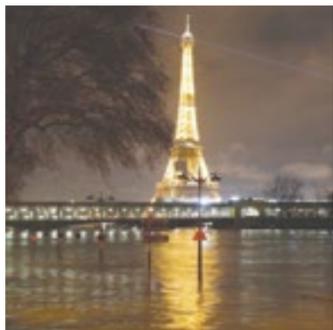
Local officials urged to plan for Utah's population boom

A regional planning group told local leaders that Utah's rapidly growing population could increase commute times, housing costs and air quality problems in the coming decades. Wasatch Front Regional Council Executive Director Andrew Gruber warned mayors, city council members and other officials of the population boom Tuesday, Jan. 23 at the Wasatch Choice 2050 + Mayor's Metro-Solutions Symposium. Utah's population is projected to hit over 5 million by 2050, the Deseret News reported.



EU: Britain to have no say during Brexit transition

The European Union on Monday, Jan. 29 warned Britain that it cannot have a say in EU decision-making once it leaves, including during next year's transition period. The warning came as European affairs ministers adopted - in a matter of minutes - new orders for the bloc's Brexit negotiator, Michel Barnier, laying out the terms of the transition, which would run from the end of March 2019 until Dec. 31, 2020, when the bloc's current long-term budget ends.



France sees worst rains in years, floods peak in Paris

Floodwaters reached a peak in Paris on Monday, Jan. 29 and were threatening towns downstream along the Seine River as it winds through Normandy toward the English Channel. Rivers swollen by France's heaviest rains in 50 years have engulfed quays in Paris, swallowed up gardens and roads, halted riverboat cruises and raised concerns about climate change. The national weather service Météo France said January has seen nearly double normal rainfall nationwide.



Syria violence overshadows Russia-hosted talks

Intense clashes erupted Monday, Jan. 29 in northwestern Syria as Kurdish forces tried to enter the area a day after it was captured by Turkish troops. Turkish military officials cancelled a press tour to Bursayah Hill, separating the Kurdish-held enclave of Afrin from the Turkey-controlled town of Azaz, due to "security concerns." Separately, in the nearby rebel-held province of Idlib, suspected Syrian government airstrikes killed at least 21 people and put a hospital out of order.

PARENTS

Resources for students with kids

Continued from Page 1

BYU Academic Success Center

Some student parents struggle with managing their time after having a baby. McConeghey said the BYU Academic Success Center's time management workshop helped her to plan her schedule around her baby and his naps. "They helped me to kind of come up with a schedule that

wasn't so rigid but that still contained everything I needed to do," McConeghey said.

Utah County Health Department Welcome Baby program

Additionally, the Utah County Health Department's Welcome Baby program provides support for new parents who are not confident in raising a child. A volunteer visits the person's home once a month to give support, information and training on raising a child. Interested students can call the Utah County Health Department for more information.

Gift of the Heart Exchange

The Gift of the Heart

Exchange is a free clothing drive organized by the MBA Spouse Association and the Law Spousal Association for married students and their families. Donations come from students and a local consignment store called Kid2Kid. Students with a valid BYU ID card or their spouse's ID card can get clothes for infants, children and adults - including maternity clothes, toys, houseware items and more. The exchange happens four times a year at different LDS churches in Provo.

"We've been able to get most of the clothes that we need from the gift exchange. On a student's budget, especially, that's been a really big help," Winters said.

WAGES

Utah women earn less

Continued from Page 1

"Some of these high paying jobs are risky," Scribner said. "They're difficult, and girls and young women don't see women in these fields, so the combination of early age socialization and just having a lack of role models ... (means) they don't believe that they can succeed in these areas."

Scribner said another big part of the gender wage gap is that Utah women are more likely to work part-time than women in any other state.

"Part-time jobs don't tend to lend themselves to being more successful, long-term careers," Scribner said.

BYU economics professor Jocelyn S. Wikle said Utah women are less likely to earn professional or graduate degrees than Utah men, and they're less likely to major in high-paying fields. This will ultimately reflect in the men's paychecks, she said.

Wikle said many Utah women don't finish school or don't major in high-paying fields because they're planning on motherhood instead of careers. However, she continued, the percentage of working Utah women is comparable to rates of working women in other parts of the country.

"So this idea that focusing on motherhood will mean that these women won't be working is just not right, and so perhaps it would be a good idea for Utah women to understand they will be working even if it's just part-time," she said.

Wikle said women who don't complete their education are at an employment disadvantage when they decide they need to work. According to the Utah Women and Leadership Project brief, this can lead to many Utah women working low-wage jobs to

help make ends meet or to obtain benefits, "but they do not ever consider themselves on a career track, despite working for many years," the brief reads.

Wikle said men need education on this issue so they don't put women at a disadvantage when they're in hiring positions, and women need to learn that they can work and still achieve their family and motherhood goals.

"Learn to be courageous, learn to just have confidence and plan for a future," Wikle said.

Speaking up, making changes

Provo resident Elizabeth Huntsman said while working at a sign shop in Cedar City four years ago, the human resources department told her she could be fired for asking her co-workers about their salaries.

Huntsman said she found out that a new male hire, doing the same work under her same job title, was making twice as much as she was, even though Huntsman had been working there for five years. Her boss offered no explanation when confronted, and when she began asking around the office, she discovered the other women were also underpaid.

Huntsman's sister-in-law, a lawyer, encouraged her to file a claim because it's illegal for HR to say an employee can't ask co-workers about their salaries. In response, HR hired their own lawyer to prove Huntsman wasn't being underpaid.

The process dragged out for five months, during which time Huntsman was required to work over 80 hours a week with no extra pay. When she pointed out that her male co-workers weren't being required to work that much, she was told if she wanted equality, she'd have to work for it. Huntsman ultimately dropped the case when her husband got a job in Provo and they moved.

"The best thing women can do is talk about their pay," Huntsman said. "It is illegal for a company to tell anyone they can't talk



about their pay."

Scribner said women need to be allowed to negotiate their salaries without being perceived as aggressive or unlikable.

"That's going to take widespread cultural change to recognize that women need to negotiate for themselves," she said.

Scribner said there are three key factors in closing Utah's gender wage gap.

The first is helping girls and young women realize they have "a whole world" of options; the second is helping companies realize if they give women more flexibility to balance their work and home lives, the women will become great successes to their businesses; and the third is passing legislation to support better healthcare and stronger wage discrimination laws, Scribner said.

Scribner added that women should be paid the same as men simply because it's right and fair.

"If you're doing the same position, if you're really successful, if you're bringing the same value to your company, you absolutely should be paid the same as anybody else who is doing that job," Scribner said.

Police Beat

BYU

THEFT

Jan. 23 - A student reported a backpack totaling \$600 of property missing from the Joseph F. Smith Building.

Jan. 23 - A student reported a backpack worth \$550 stolen from the MTC. The backpack was later found in the MTC custodial office. Police said a student took the wrong backpack by mistake and returned it upon discovering their mistake.

OREM/PROVO AREA

THEFT

Jan. 22 - Two men were re-

ported to police after allegedly attempting to steal merchandise from Kohl's. The two were apprehended by police later that day because of an expired car registration. One suspect is reported to have a previous arrest warrant and the other suspect was reported to be carrying meth.

Jan. 22 - Police found a 17-year-old boy driving a stolen vehicle after he fled the scene of a two-car accident on 800 North he is said to be involved with. Police said another stolen vehicle in Sandy and another minor are linked with the case.

Jan. 22 - Two vehicles were reported stolen over the weekend as they were warming up. Police recovered one of the vehicles after a brief pursuit.

Jan. 22 - Police caught a man attempting to swap his bike tires with another bike's. Police said the suspect had heroin.

DRUGS

Jan. 22 - Police arrested a suspect at the Orem Walmart after responding to reports of suspicious activity and finding the suspect had marijuana, meth, stolen property, paraphernalia and a warrant out for their arrest.

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New on-campus internship encourages innovation

By AUBURN REMINGTON

BYU's new on-campus internship allows students to earn class credit while working for leading companies in the field of corporate social responsibility.

Students participating in this internship will have the opportunity to work on projects from the Forbes top 10 corporate social responsibility corporations, as well as corporate social responsibility projects from other noteworthy organizations the Ballard Center has worked with in the past.

"We have projects from doTERRA, Boehringer and Cisco," said internship director Reid Robison. "We are still hopeful this term to have additional projects from BMW, Microsoft and Apple."

Winter 2018 is the first semester the internship has been available. According to internship research assistant Lauren Johnson, having a class where students work with prestigious companies while on campus is valuable.

"Because it is a pilot and we are getting the hang of it, it is very hands-on, and we are looking for people that really want to expand their learning experience and go out and excel in the



Ty Mullen

Corporate social responsibility interns discuss plans for their project. The BYU Ballard Center for Economic Self-Reliance is offering a new on-campus internship for students beginning Winter 2018.

projects the companies have given them," Johnson said.

Johnson said by Fall 2018, the goal is to add 25 additional projects from companies that have been on the Forbes top 10 list.

"I hope students will be enlightened as to the impact socially responsible corporations can have in the world and will be much more aware not only of the current needs, but the opportunities for careers in this space that exist," Robison said. "I believe this fits within the aims of a BYU education in a very real and practical way."

Alyssa Clark is a BYU student participating in the internship this semester through an

impact evaluation project with BrainStorm.

Clark has worked with non-profit organizations before but is interested in understanding more about the way corporations can create a social impact.

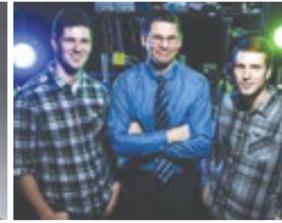
"I think that corporate social responsibility is an area with the potential for a lot of growth in the future," Clark said.

The corporate social responsibility internship is available to undergraduate, master's of business administration and master's of public administration students. Interested students can register for section 5 of Bus M 494R: On Campus Experiential Project.

Campus News



Laura Bridgewater



Daniel Smalley (middle) with his student researchers



Brad Barber



Jiamin Huang



Kimball Dean Parker and Gordon Smith

DAVID M. KENNEDY Center for International Studies

College of Life Sciences Associate Dean **Laura Bridgewater** will speak about her research on gut microbiota and its connection to physical and mental health Feb. 1 in B092 JFSB. Bridgewater published research in 2017 demonstrating the gender-based differences found in gut microbiota composition.

IRA A. FULTON COLLEGE OF Engineering and Technology

Electrical and computer engineering professor **Daniel Smalley** led research in creating 3D projected images that

float in free space. These images are not holograms, which display on 2D surfaces, but can be seen from all angles.

COLLEGE OF Fine Arts and Communications

Film professor **Brad Barber** will speak about his experience filming his latest project, "States of America," on Feb. 1. Barber is an Emmy-nominated documentary filmmaker and a BYU alum.

Dance professor **Jiamin Huang** received the Light of China Award for her efforts in enhancing friendship and cultural awareness between China and the United States. This award is considered to be the most prestigious honor

awarded to Chinese citizens living outside the country.

COLLEGE OF Nursing

The College of Nursing has made changes to its admission process, effective Fall 2018. New changes include requiring applicants to have at least 25 total credit hours and possibly complete a standardized assessment measuring attributes necessary to be a nurse.

J. REUBEN CLARK Law School

BYU Law School's legal design lab, LawX, developed its first product: SoLoSuit. The free program allows defendants to respond to debt collection complaints.

Binge watching associated with poor health habits

By AUBURN REMINGTON

BYU student Kaleb Cascardi was bored in his apartment, so he pulled out his laptop to watch an episode of his favorite show on Netflix. One episode turned into three episodes, and before he knew it he'd binge-watched an entire season of Stranger Things in just four days.

"I watched a little with my friends, but the last few days I watched by myself because I wanted to finish," Cascardi said. "You just want to find out what happens and it's already there ... so you just want to get it over with."

According to recent research by BYU health science professor Lori Spruance, millennials who binge-watch — watching two to six episodes of a show at one time — may have less healthy diets, eat out more often and exercise less.

Spruance said she was especially interested in the transition students experience when they first go to college and how their decisions affect their long-term health.

"A lot of the habits that you establish in childhood or adolescence and even young adulthood are habits that you may have for life," Spruance said.

Spruance surveyed 500 college students in northern Utah, asking them about their TV usage, physical activity, diet and body mass index.

Those who reported eating out one or more times per week were more likely to be weekly binge-watchers compared to those who did not eat out in an average week.

"We do know that people who eat out more frequently tend to have less healthful diets than individuals who eat from home, because generally food you purchase at a restaurant has more fat, sodium and calories," Spruance said.

Females were also more likely



Maria Archibald

New BYU research identified correlations between binge watching TV, diet and physical activity. Results indicated females have a greater chance of being weekly binge TV watchers than males.

to be weekly binge-watchers than males.

Results also showed those who reported eating fruit once a day had a much lower chance of being monthly binge-watchers than those who did not consume fruit.

Other research cited in the study has shown that the more time one spends in front of the TV, the less time one spends on physical activity. Additionally, research indicates watching TV is correlated with obesity.

Some researchers hypothesize that eating while watching TV can disrupt the way one's body reacts to cues, such as feeling full — causing more food to be consumed.

"Sometimes when we multitask, it's easy to not pay attention to if you're feeling full, or the types of foods you've eaten, or how much of them you've eaten," Spruance said.

BYU media effects professor Kevin John said watching TV doesn't directly make someone overweight.

"Watching TV, and especially binge-watching, results in a bunch of connected behaviors like sitting on the couch

and not moving for extended periods of time, and that type of behavior can absolutely breed the unhealthy types of impact," John said.

These things are easily mitigated by exercise, according to John, but many people won't get up when they are in the middle of a Stranger Things marathon.

Spruance said the advent of Netflix and other streaming sites has aided binge-watching.

"Some of our shows, like Stranger Things, are meant more for bingeing as the whole season comes out all at once," Spruance said. "It is more enabling to binge now than it was 15 years ago, as 15 years ago your option was to just watch the shows that were playing on TV."

John had a similar viewpoint on the onset of binge culture and its effects.

"When you look at older generations, they know what it was like before media was such a large part of life, so they see that difference and that difference makes them uncomfortable," John said. "But for younger generations, there is no difference — we are always surrounded by media."

TODAY

UNIVERSITY DEVOTIONAL
Tuesday, January 30
11:05 a.m., Marriott Center

This event will also be broadcast to the JSB Auditorium.



Benjamin M. Ogles

Dean, BYU College of Family, Home, and Social Sciences

Benjamin M. Ogles has been serving as the dean of the BYU College of Family, Home, and Social Sciences since 2011. He moved to BYU after working for 21 years in various roles at Ohio University, including faculty member in the Department of Psychology, department chair, and dean of the College of Arts and Sciences.

A licensed clinical psychologist, Ben Ogles has two degrees from BYU: an undergraduate degree in accounting and a PhD in clinical psychology. He currently serves as the president of the Provo Young Single Adult 17th Stake. He and his wife, Maureen, are the parents of seven children and five grandchildren.

Selected speeches available at speeches.byu.edu.

NEXT: UNIVERSITY DEVOTIONAL



Performance Devotional

February 6, 11:05 a.m.

Marriott Center

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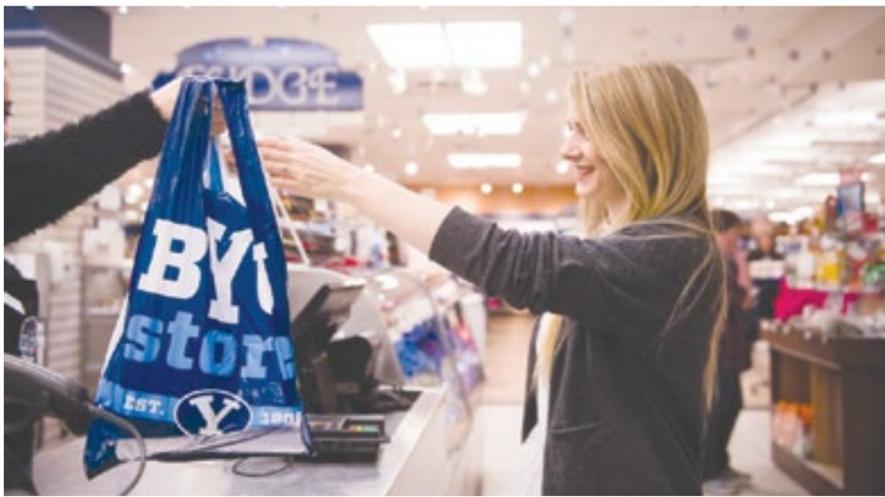
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Savannah Hopkinson

BYU Store customer Katie Harris receives her purchase in a plastic bag. Stores in Utah do not currently charge for plastic bags, but a new bill would charge Utah residents for each paper or plastic bag used at retail stores.

Lawmaker will try again to charge for plastic bags

By LILIAN WHITNEY

New legislation would charge Utah residents for every paper or plastic shopping bag they use at retail stores if it passes.

Sen. Jani Iwamoto, D-Salt Lake City, was inspired to sponsor legislation in Utah after seeing other states' success at cutting down on waste by charging for bags.

"We often don't realize the impacts of paper and plastic on the environment," Iwamoto said. "Contrary to what many people believe, plastic bags can't be recycled with other things, and even though paper is recyclable it still causes immense harm to the environment."

Utah residents throw away an average of 940 million plastic shopping bags alone, according to research Iwamoto has collected. Only 1 to 3 percent of plastic bags are recycled worldwide, and it can take up to 1,000 years for a bag to fully decompose.

This isn't the first time Iwamoto has tried to change Utah's retail bag policies. Iwamoto sponsored similar legislation last year. The bill never got a committee hearing.

Iwamoto said she believes her bill, which would charge 10 cents per paper or plastic bag used at retail stores, would provide individuals with an incentive to use reusable totes and bags.

Iwamoto said the legislation would benefit not only the environment but also the retailers, recyclers and landfills that would receive the fees collected from consumers who still chose to use paper or plastic bags.

For each bag used, 5 cents would go to the retailer and the other 5 cents to the state Department of Environmental Quality, which distributes the funds to labs and recycling plants.

For BYU students, the new bill may provide an incentive to use sustainable bags when purchasing groceries, textbooks or other items.

For Mayra Payne, a junior at

BYU who regularly uses sustainable cloth shopping bags, the new bill would be a small step in the right direction.

"I think it's all about the small impacts," Payne said. "Every bag a student saves adds up, and eventually the small impacts from large amounts of people is what will make a difference."

For other students like Ryan Hall, a senior at BYU, the legislation would serve as a reminder to change behavior. Though Hall has always used plastic bags provided by stores, the extra 10 cents per bag, though small, would serve as incentive to use fewer bags or take a reusable tote.

"I'd definitely look at the bags differently if there were a price attached," Hall said.

Whether individuals chose to begin using sustainable bag alternatives, Iwamoto hopes the bill will serve as a reminder of individuals' impacts on the environment.

As Iwamoto said, "this initiative is about education and behavior change."

Bill proposes marriage license discount for premarital education

By HANNAH LAFOND

A bill introduced in the 2018 Legislature would discount some marriage license fees.

Sen. Allen Christensen, R-North Ogden, is sponsoring SB54. The bill would discount marriage license fees for couples who have participated in premarital classes or counseling.

Alan Hawkins, BYU's associate director of the School of Family Life, and other members of the Utah Marriage Commission have been working for years to get a bill like this passed.

"The goal is to promote educational services to help couples form and sustain healthy, stable marriages," Hawkins said.

The Utah Marriage Commission has proposed many similar bills to try to encourage premarriage education and counseling that have not been passed in prior legislatures.

"This year we think we've anticipated some of those challenges. We see a smoother path. And hoping that the legislature agrees with us," Hawkins said.

The Utah Marriage Commission hopes providing an incentive for premarriage education will decrease divorce rates and promote healthier relationships.

"We know that divorce rates in our society are high. We know that most divorces come as a result of couples who get off to kind of bad starts," Hawkins said. The goal of the bill is to provide an incentive for couples to get off to a better start before their marriage.

BYU senior Elizabeth Baker took a marriage prep class with her fiance, Michael Ruesch. "One of the things



Savannah Hopkinson

Michael Ruesch and his fiancée, Elizabeth Baker, discuss their experience attending a marriage prep class. SB54 would give a \$20 marriage license discount to couples who take marriage prep classes.

I've learned is that marriage doesn't solve all your problems. A lot of people think once I'm married I won't have to struggle, but we are going to have a lot of struggles they're just going to be different struggles."

"There's a lot of things I didn't think about, especially financial decisions, that I didn't even factor into the equation," Baker said.

The bill would require premarital education to include content on commitment, communication and problem-solving skills.

When speaking about the importance of premarital education, BYU marriage prep professor Tammy Hill said she won't pay for her children's weddings until they've had

four sessions of premarital counseling. "I believe we put way too much emphasis on the wedding, and less emphasis on the relationship," Hill said.

The proposed bill would require six hours of premarriage classes or three hours of counseling for couples to get the discount.

The bill would allow counties to raise the marriage license fees to compensate for any loss of revenue from these discounts. Any such rises are predicted to be between \$5 and \$20.

For those couples who do not participate in marriage education or counseling, the \$20 they pay would go to support marriage educational services across Utah as managed by the Utah Marriage Commission.

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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

@sharonla6

"How is so-and-so doing?"
"Oh my gosh she and what's-his-bucket broke up. It was awful. I'm not even kidding — she is literally the reason guys don't like girls." @HeardAtBYU

@ksjsaige

"While running"
Friend: "My pants are falling down."
Me: "That's great! It means you're losing weight already!"
Friend: "It means my fat is pushing them down!!!" @HeardAtBYU

@maditwede



I'm digging this new curriculum for Relief Society.

@FieldingAaron

The best part of Imagine Dragons song "Thunder" is the beautiful and random tribute to The Fellowship at like 1:40. We're all backin you up, Frodo. #whyamistillawake #ohyeahihaveababy

@ehoughton21

Student asking about a project pertaining to BYU sponsored events—is getting engaged considered a BYU experience?
Professor—'absolutely' @HeardAtBYU

@LauraEliz09

Dear Harold,
Please tell this couple in the library next to me in the Family History section that they need to a) WHISPER and b) converse about their plans for FHE somewhere else. #LoudFlirtsInTheLibrary Love,
Trying to get my reading done. @hbll

@ellierunger

"i solemnly swear to do my home teaching this semester" @HeardAtBYU

@laynee_overall

my teacher asked me to clap the rhythm of a rachmaninoff symphony but sometimes i suck at reading rhythm so i just clapped the chorus of "work" by rihanna and he said "awesome job!" @BYU where's my degree :)

@k_toone

Getting rid of my gym membership to pay for a movie pass instead #priorities

@LuistheSwift

Pet Peeve: when ppl ask me ask me "Where are you from" when they're actually trying to ask is "What's your ethnicity" so that they can talk about their mission. #byuprobs

@jo_ahyou



"He's beaming! He's happy!" Love you Elder Ah You. Switched the Y badge on his chest for the Lord's badge. #ahYou

@thekwakuel



Idk who airdropped this to me, but I accepted it.

@thatwylieguy91

"Occupant had left a bag of cold cereal near the stove while the oven was hot (on a self-cleaning cycle). The bag of cereal became hot, exploded, and caused cereal to land on the range and catch fire. No damage"

@BYU JUST released its Campus Security Report and buried in the middle was this little gem. Poor freshman with never eat Marshmallow Mateys again @HeardAtBYU #byuprobs

Tweets are unedited

Seasonal affective disorder

This time of year, college doesn't seem to be getting easier, in fact, it's probably gotten harder. Plus, sweater season is in full fledge and those not accustomed to Utah's random weather are constantly in a state of confusion: sweater or a down-feathered jacket? With boots, wool socks, gloves, a hat and a scarf? With jumbled brains, tired bodies, cold feet and runny noses, life can be downright depressing.

According to the National Center for Biotechnology Information, seasonal affective disorder, or better known as seasonal depression, is an annually recurring condition that comes with the change of seasons, specifically fall and winter. While you may assume the snow, hot chocolate and cuddles by the fireplace should make individuals happier, the National Center for Biotechnology Information said 10–20 percent of people still experience seasonal affective disorder during fall and winter months.

The Harvard Medical School stated in a health report that seasonal affective disorder "can affect your mood, sleep, appetite, and energy levels." So, what can you do to prevent seasonal affective disorder? The Canadian Mental Health Association suggests the following: exercise regularly, eat healthy, maintain good sleep habits, socialize, balance your thinking techniques and learn to manage stress better. While college students don't seem to have time — or money — to cook a meal other than ramen or even catch a few more hours of sleep, making time to take care of yourself properly could actually save you from the nightmare of catching the SAD bug of depression.

—Jaxin Annett
Greeneville, Tennessee

Friendship vs. rivalry

What do dancers like most about dance? The most common answer will be because it's a way to express themselves. The way you dance heavily depends on your emotions. For this reason, it's important to have a positive atmosphere to dance in. The best way to have a positive atmosphere is to have camaraderie, friendship and trust with your fellow dancers.

Unfortunately, we don't always feel this unity in dance: auditioning for teams, companies, and roles with only a few spots can get very competitive. These competitive feelings create a negative atmosphere detracting from the dance itself and

removing the joy dance brings; instead of being rivals, we need to support, help and encourage each other. For several years, I was in a small ballet class with the same girls and teacher. We became very close. We were each other's best friends. Because of this positive and safe atmosphere, we all felt at ease trying new things and being vulnerable, because we knew nobody was going to make fun of us if we messed up.

We need to let the rivalry go and remember why we love to dance. What are we still going to have 20 years from now, the part in the ballet or the friendships we made? The only way to improve our dancing, have a positive experience and love what we're doing is to forgo the competitive feelings and replace them with friendship.

—Ciara Hellewell
West Jordan, Utah

BYU bubble

The Brigham Young University bubble can negatively impact students' abilities in the future. Therefore, students need to become aware of such limitations and do necessary work to expand their cultural awareness. Brigham Young University claims it actively engages in offering every student a well-rounded educational experience.

Part of the university's mission statement presents the ideal of reaching such awareness concerning others. It cites scriptural doctrine, discussing how God has asked all his children to learn about all good things. Although Brigham Young University aims to accomplish these goals, the prevalent religion can create a bubble for such exploration. Brigham Young University students who do not fit the typical "Mormon mold" do not share the same positive experience.

Students who have gone through such events feel that the university is amazing, but must conform to the radical stereotypes surrounding the religion. Though the religion teaches acceptance and kindness to all, that seems to apply to others whose beliefs reflect theirs. Brigham Young University students should know everyone is unique, so judging others for being "different" inhibits their progress. Being bubbled by this image of a perfect Brigham Young University student hinders the students' abilities to look past differences and take people as they are. What many fail to realize is that the real world is filled with innumerable differences.

—Taylor Langston
Prescott, Arizona

[OPINION OUTPOST]

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

U.S. and Syria

The original deployment of U.S. forces to Syria — a sovereign state that did not invite our participation — was justified by the unique emergency created by the inhuman acts of Islamic State. Now that the so-called caliphate has been "degraded and destroyed," continued military involvement in Syria must be justified on other grounds. So far the Trump administration has not made the case.

—Editorial Board
Los Angeles Times

Education funding

District boundaries in Utah date back to 1916, and population and demographic changes over time have led to inequalities in how much funding districts can expect from local property taxes relative to other

districts. Wealthier areas with high property values can contribute more to local schools than less affluent districts, which struggle to keep up.

—Editorial Board
Deseret News

Outdoor retailer moves to Denver

Those who have been left by a spouse or a significant other might like to imagine that person as being lonely and full of woe. Well, Utah, Outdoor Retailer has left us for good. The twice-yearly trade show has not only moved to Denver but also, as reported in excruciating detail the other day by The Tribune's Erin Alberty, is kicking up its heels and having the time of its life. And it is we who should be despondent about the break-up.

—Editorial Board
The Salt Lake Tribune

Utah transportation

There is some question

whether Utah legislators may be biting off more than they can chew with a far-ranging transportation bill that would affect virtually every taxpayer and commuter along the Wasatch Front. ... Perhaps the edgiest thing in the bill is a mechanism that could automatically trigger a tax increase by 2022. It would be, in essence, the tax increase that voters in Utah's most populous counties rejected in 2016 over concerns about UTA's accountability. By adding the tax back in, legislators would be saying they've solved that accountability problem.

—Editorial Board
The Salt Lake Tribune

Tax code

It's great that after decades of anemic wage growth, some workers are finally getting a raise. But if President Trump and the Republicans in Congress were serious about helping workers via the tax code, they had obvious options open to them: They could have cut taxes on the middle class and expanded the earned-income

tax credit for poorer workers. Instead, they chose to write giant checks to big investors on the accounts of future generations.

—Editorial Board
The New York Times

Dreamers

The president is offering a plan that would provide a path toward citizenship for 1.8 million Dreamers. That compares to the Obama-era DACA program, which covers less than 700,000. Officials have said Trump's plan would contain some sort of requirements for moral character. He also has

proposed new restrictions on family-based immigration. We do not support restrictions on family-based immigration, and increased border security must be approached realistically. A lengthened border wall would not bring an end to illegal migration. However, politicians could surely broker deals on these issues that satisfy all sides while keeping families intact.

—Editorial Board
Deseret News

Religion, health care

Freedom of religion is essential — and so is access to health

care. Current law tries to accommodate both, but the far right has stirred unfounded fears that religion (and Christianity in particular) is under assault, and that people of faith are in danger of being forced to do things they find morally objectionable. "Patient-centered care" is an important goal in clinical training today, but the administration is instead proposing provider-centered care. In recent conflicts between patient needs and religious freedom, patients have too often lost. The Trump administration wants to keep it that way.

—Editorial Board
The New York Times

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 Camille Baker can be reached at universe.ideas@gmail.com.

BYU football releases official 2018 schedule

Sat., Sept. 1
Arizona Wildcats
Arizona Stadium, Tucson, Arizona

Sat., Sept. 29
Washington Huskies
Husky Stadium, Seattle, Washington

Sat., Nov. 3
Boise State Broncos
Albertsons Stadium, Boise, Idaho

Sat., Sept. 8
California Bears
LaVell Edwards Stadium

Fri., Oct. 5
Utah State Aggies
LaVell Edwards Stadium

Sat., Nov. 10
UMass Minutemen
Gillette Stadium, Foxborough, Massachusetts

Sat., Sept. 15
Wisconsin Badgers
Camp Randall Stadium, Madison, Wisconsin

Sat., Oct. 13
Hawaii Rainbow Warriors
LaVell Edwards Stadium

Sat., Nov. 17
New Mexico State Aggies
LaVell Edwards Stadium

Sat., Sept. 22
McNeese State Cowboys
LaVell Edwards Stadium

Sat., Oct. 27
Northern Illinois Huskies
LaVell Edwards Stadium

Sat., Nov. 24
Utah Utes
Rice-Eccles Stadium, Salt Lake City

Bye week: Sat., Oct. 20

*Television and game times yet to be announced. Dates subject to change.

By CALEB TURNER

BYU football has released its 2018 schedule, featuring three matchups with top-25 teams and eight games against bowl teams from this past season. That adds up to the one of the hardest schedules in recent memory. The Cougars open the season with

five straight games against Power 5 teams, four of them on the road.

BYU opponents in 2018 earned a collective 90-63 (.589) record this past season.

The Cougars will face the top-10 Wisconsin Badgers of the Big Ten. Wisconsin finished 2017 ranked No. 6/7 in the final polls after a 13-1 season and an Orange Bowl victory.

BYU will also play four teams from

the Pac-12, with games against the Arizona Wildcats, California Golden Bears, Washington Huskies and Utah Utes.

The last time the Cougars played Arizona and Utah in the same season was 2016, beating the Wildcats by a field goal and losing to the Utes by 1 point.

The games will bookend the Cougars' season this year, as BYU tries

to get its first win against Utah since 2009.

The Cougars will face two in-state rivals, including a Friday night matchup on Oct. 5 at LaVell Edwards Stadium versus Utah State and the regular-season finale against Utah in the Deseret First Duel rivalry game on Nov. 24 in Salt Lake City.

BYU and Boise State face off in a growing regional rivalry that the

Cougars have been on the losing side of in recent years. BYU will look to get its first victory on the blue turf in Boise.

The Cougars play UMass on Nov. 10 at Gillette Stadium in Foxborough, Massachusetts — home of the New England Patriots.

Television plans and kickoff times are still to be announced. Dates are subject to change to accommodate television.

BYU football helps student find faith and a friend

By COURTNEY TIETJEN

BYU football is more than just a game to Wes White — it's a lifestyle.

White, a BYU student with cerebral palsy, caught his first glimpse of BYU football when the team competed in the Mountain West Conference against Colorado State, the closest university to his home in Colorado.

"Everything the team did reflected back on the church," White said. "I noticed that winning football games was secondary to making sure the football program made the players better men, future husbands and future fathers."

The example of the BYU coaches and players on and off the field caught White's attention. He wanted more than anything to be surrounded by a group of people like that.

The whole mentality of the BYU football program was so attractive to White that he started investigating The Church of Jesus Christ of Latter-day Saints through its website, learning more about its origins. He met with missionaries and was baptized soon after.

White is the only member of the church in his family and said the idea of finding friends and people who shared his beliefs drew him to BYU.

"The athletes at BYU were exemplars of the faith on and off the field," White said. "I thought that would be a really, really cool thing for me to try to get out to BYU and to be surrounded by people just like them."

He finally decided to come to Provo while attending the Fort Collins Colorado Temple open house.

"I did everything I could to look at other universities and weigh my options because I really don't like the snow and the cold, but everything still led me to BYU," White said.

He told himself, "Let's just do it. It's the team I support; let's see what can come out of this."

White filled out his application for BYU and still to this day can't describe the feeling he had when he saw the word "accepted." It was surreal to him — something special.

He began attending BYU in Fall 2017, just in time for football season.

Despite having to walk with crutches from his dorm and up to his seat, White attended every football game at LaVell Edwards Stadium last fall. Cerebral palsy is a movement disorder with symptoms that include poor coordination, stiff muscles, weak muscles, and



Jordan Jones

Wes White attends a BYU football game in 2017. He attended every game despite the physical difficulties of cerebral palsy.

tremors. White bought a season ticket to ensure he had a reserved seat at every game.

Jordan Jones, a stadium usher who was assigned to an upper-level portal near White's seat, noticed it took White longer to get from place to place.

"He walked from the dorms to the stadium, which is quite a trek," Jones said. "I was amazed that he would show up, traveling such a long distance on crutches."

Jones and White got to know each other as they chatted during every game, eventually leading to a budding friendship.

"Wes is very good at analyzing sports, and it's something he deeply enjoys," Jones said. "Football talk seemed to happen each game between us."

Jones also mentioned that White is a straight-A student and works hard to get the most out of his education at BYU.

"He took a chance, a leap of faith, to come out here and receive an education from a school that he cheered for since a little child," Jones said. "Wes has that 'it' factor that I think helps him battle with his condition. It's been a privilege to know Wes, and I want him to know that we are all cheering him on to succeed out here."

White said the challenges of living with cerebral palsy can be compared to a football game.

"I don't win every day; I win some days and I lose some days," White said. "But I still keep going."

Advanced analytics shaping the future of BYU basketball

By CALEB TURNER

Advanced analytics and statistics are taking over the basketball world, and BYU is no exception.

The in-depth analysis of statistics and trends have caused the basketball team to alter their style of play and become a more efficient squad.

"Analytics plays an important role in what we do," said BYU Director of Basketball Operations Andrew May.

With advanced technology, people all over the world can watch games over the internet and crunch numbers within seconds, taking game analysis to a new level.

New indicators such as box plus/minus, offensive and defensive ratings and player efficiency ratings have become part of basketball lingo in both gyms and newsrooms.

Defense

Thanks to analytics, the team realized their 3-point shot was becoming a disadvantage.

The Cougars' loss in 2016 to Utah Valley University highlighted this problem; the Wolverines hit a record 18 3-pointers in a blowout in the Marriott Center.

This year the Cougars made defense a priority, especially on the 3-point line, and held the Wolverines to just one 3-pointer in their Nov. 29 win in Orem.

After his arrival in Provo last year, coach Heath Schroyer introduced a new defensive statistic, known as a "kill."

Not to be confused with the volleyball term, a kill for BYU basketball means three defensive stops in a row or three possessions without the other team scoring.

"Coach Schroyer told us that if we get seven kills in one game, it will be very hard to lose," said forward Yoeli Childs after the win over UVU. "I think we had three or four in the first half, so we knew we were on the right track."

The team had a season-high nine kills that night, with five coming in the second half, according to Twitter user "Ye Guy," who keeps track of BYU's kills during every game.

In every game the Cougars have won so far this year, they've gotten five or more kills, while in their losses they've gotten just two or fewer.

This statistic forms part of a new defensive identity that the Cougars have taken on this season.

Internet statisticians

"Ye Guy" is just one example of



Josh Ellis

BYU basketball forward Luke Worthington, left, sits with director of basketball operations, Andrew May, right, as he records stats against LMU. May uses analytics to help the coaching staff improve play.

how technology and the internet allow just about anybody to keep track of stats and offer analysis into the numbers.

Ken Pomeroy is another sports statistician finding success on the internet.

Pomeroy is not only an atmospheric sciences professor at the University of Utah, but also the founder and operator of the nation's most popular college basketball statistics websites, kenpom.com.

The website ranks every team in the nation based on their offensive and defensive ratings, adjusted for how hard of a schedule they have played.

These ratings are then used to predict the winner of every matchup.

Pomeroy is often featured on ESPN and other sports media outlets, including BYU's own Sports Nation.

May said the BYU basketball team also uses Pomeroy's rankings because they "give (BYU) an idea of how we (are) doing relative to everyone else in the country."

Another tool is software known as Synergy that allows the team to analyze any college basketball game in the nation, looking at shot charts and videos of every play.

This not only helps them realize what they need to adjust as a team, but also serves as an invaluable tool in scouting their opponents.

"That's where basketball is going," May said.

Offense

May said the Cougar's focus on offense is simply getting open shots, and they recruit players that are supposed to make those shots.

Even though the Cougars went through a bit of a shooting slump to start the season, the team is confident that if they continue to get open shots, their shooting percentages will rise to where the numbers and statistics say they should be.

But May was quick to point out that stats are only a tool, and not the end-all answer to basketball strategy.

"You can find people who are excellent in stats, but if they don't know how to teach it, it's not helpful," May said. "That's what coaching is all about: understanding how these things relate to each other and what are we going to do in practice that will affect (the statistics)."

May suggested a balance is required between analyzing the numbers and understanding how to teach and coach the players in a way that will increase their success and efficiency.

With BYU's 18-5 record, they seem to have found this balance and hope to continue their success in implementing a statistics-based game plan.

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THE POINTY-HAIRED BOSS IS TESTING OUR SELF-DRIVING CAR PROTOTYPE.

HEY, DIDN'T YOU WRITE THE OPERATING SYSTEM FOR THAT PROTOTYPE? YES.

HYPOTHETICALLY, COULD YOU MURDER HIM FROM A DISTANCE? WE SHOULDN'T HAVE THIS CONVERSATION.

CONTINUED

THE GOVERNMENT FORCED ME TO PUT A "KILL CODE" IN THE OPERATING SYSTEM FOR OUR SELF-DRIVING CARS.

AND BY "KILL CODE," YOU MEAN IT WILL BRING THE VEHICLE TO A CONTROLLED STOP?

NO, YOU'RE THINKING OF A "STOP CODE."

Pickles®

I'M HOME, EARL.

DID YOU GET EVERYTHING DONE ON THE HONEY-DO LIST I GAVE YOU?

WHAT?! YOU WANTED ALL THAT STUFF DONE TODAY?

I JUST ASSUMED IT WAS FOR THE REST OF THE YEAR.

WHERE'VE YOU BEEN?

I HAD AN APPOINTMENT AT MY HAIRDRESSER. HOW DOES IT LOOK?

WOW, IT LOOKS FANTASTIC!

THANK YOU!

AND EXACTLY THE SAME AS IT DID BEFORE SHE LEFT.

Garfield®

I'M OUT OF CONTROL!

WHAT CRAZY THING WILL I DO NEXT?

Z

A TREE JUST FELL ON MY CAR!

WHAT SHOULD I DO?

JON! JON! HERE'S WHAT YOU DO...

WALK TO THE STORE TO BUY MY FOOD

Zits®

WHAT'S THAT?

THE RESULTS OF MY PHYSICAL

I NEED TO LOWER MY CHOLESTEROL.

THEN YOU SHOULD STOP YELLING AT ME.

THAT'S BLOOD PRESSURE, BUT THANKS FOR YOUR CONCERN.

IS YOUR BED MADE?

I'LL CHECK.

WELL?

INSUFFICIENT DATA.

Non Sequitur®

THE NATURAL SELECTION HIGHWAY PROJECT...

EXIT ONLY FOR REALLY, LIKE, SMART STABLE GENIUSES

WHAT'S IMPORTANT HERE IS THAT IT CAME IN UNDER BUDGET

WHEEL, INC.

THE DAWN of the BOARDROOM

Peanuts®

WHERE'S MY BLANKET?

IT'S IN THE WASH. TODAY IS MONDAY, ISN'T IT?

HAVING YOUR BLANKET IN THE WASH IS LIKE FINDING OUT YOUR PSYCHIATRIST IS GONE FOR THE WEEKEND!

"DEAR FRIEND OF FRIENDS"

"ANOTHER LETTER FROM WOODSTOCK"

"I ALMOST BROUGHT A GIRL HOME TO MEET YOU, BUT SHE RAN OFF WITH A STUPID ROBIN"

"IT'S HARD TO COMPETE WITH A ROBIN...NOT ONLY FROM THE STANDPOINT OF LOOKS, BUT ALSO WORMWISE"

"WORMWISE" ?!

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.

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

The New York Times Crossword

Edited by Will Shortz No. 1225

ACROSS

- Adhering to old-fashioned modesty
- Congee, as blood
- Gate closer
- Green precious stone
- Years and years and years
- Honolulu hello
- *Game-quickening timer in basketball
- Arabian Peninsula nation
- Charlotte (rich dessert)
- Lyndon Johnson and George W. Bush
- Food unit counted by a dieter
- Budgetary excess
- Golf ball propper-upper
- Columbus campus, briefly
- *Snowbirds' destination
- Cartoonist's Olive
- Wealth
- Tie, as figure skates
- Clobber in the ring
- Weirdo
- Miss America accessory
- President saying "No!"
- Utter failure
- Govt. of the Rebs
- *Long vegetable with a yellow pod
- Game of pursuit and ejection in Cooperstown
- Mel honored in Cooperstown
- Ships' direction controllers
- Mischievous campus, briefly
- Spunk
- Small food fish

DOWN

- Nighttime wear, familiarly
- Without repetition
- Sound of disapproval
- Purchase for a newborn
- *Jeopardy! host
- *Marinara sauce thickener
- Vice president between Gore and Biden
- Fairy tale boy who outsmarts a witch
- Mean witch's pronouncement
- Soft mineral
- Bottle stopper
- List of popular songs ... or a hint to the ends of the answers to the starred clues
- Hairlike projections on cells
- Wagner's "Liebestod," e.g.
- Something an arrested person tries to "make"
- Playful river animal
- Some "big" burgers
- Reb's foe
- Call at a deli or barbershop
- What psychological trauma may leave
- 1970s tennis champ Nastase
- Swine
- Like a midlevel general or a so-so movie
- Hippocratic
- Social gaffe
- *Slumdog Millionaire setting
- Stars-and-stripes land, for short
- Cooking oil brand
- Peak
- Steamy
- Churchill Downs event
- 1970s tennis champ Nastase
- Sorvino of "Mighty Aphrodite"
- Overly theatrical type
- Motorists' org.
- Racket
- Animal with a rack

ANSWER TO PREVIOUS PUZZLE

EASES ALGAE ALB
SLOMO REIGN NOR
CLAUDEMONET OVA
AMP AXON OKIES
PAIL PRIDEMONTH
ELNINO ORBITAL
DEGAS HAJI SPY
RIM ELIS GAINS
ATATIME DOWNON
CODEMONKEY NATO
ELDER NAAN WOW
FDA INNERDEMONS
AYS CRUEL MERCI
NAH HANDY OGDEN

The New York Times Crossword

Edited by Will Shortz No. 1225

ACROSS

- See blurb
- Sore spot
- Convenient to carry
- Region around San Francisco
- "The Catcher in the ..."
- Strike a chord
- Check for flaws
- On the (fleeting)
- Zilch
- Ja Rule hit that includes the lyric "Wash away your tears"
- See blurb
- Falls behind
- Santa ___ winds
- Playbill listing
- ___-friendly
- Perform in a play
- Go bad
- See blurb
- Bridal path
- Enterprise
- "Later, old chap"
- Apple apps use it
- One of the Three Bears
- Zilch
- See blurb
- The "A" of U.A.E.
- Effortlessness
- Fútbol cheer
- Threatening person
- Military vehicle used for reconnaissance
- Neighbor of Afghanistan
- Write using a keyboard
- Get wind of
- Bullfighter
- Yoga positions
- Ukrainian city on the Black Sea
- Baking container for a cobbler
- Debussy work whose title is French for "The Sea"
- Big name in tractors
- ___ v. Wade

DOWN

- First full month of spring; Abbr.
- Coffee, slangily
- Third-year students; Abbr.
- Islands surrounding lagoons
- Venice thoroughfare
- Appointer of Sotomayor and Kagan to the Supreme Court
- Sandwich that's often stuck with toothpicks
- Welcomed at the door
- Tolerate
- Hackneyed
- Method; Abbr.
- Chemical symbol for tungsten
- Puts up
- Like some handshakes and formulas
- Lecherous deity
- "Halt!" to a sailor
- Killed, as a dragon
- Chalupa alternative

PUZZLE BY LYNN LEMPEL

23 Landmass bounded by a mountain chain and three oceans

24 *Dispenser of psychiatric advice to Charlie Brown

25 Notable achievement

29 Book jacket write-up

32 What might turn up dirt on someone?

34 Stars-and-stripes land, for short

ANSWER TO PREVIOUS PUZZLE

SOP SWEET RIG
PIER TOOTH HERA
ALDO ERNIE ESOS
LICHEN COBAIN
BACKIN CODDLE
AMASS DIM USUAL
APB SAVVIER EWS
STARTS RENTAL
ORTO ACORN RARE
BIRCH HOE BANTU
BOHO AHA UGGS
HOPENOT LORELA
PROTECT MUSSELS
SOS VAY SIT DEM

The New York Times Crossword

Edited by Will Shortz No. 1226

ACROSS

- "A couple of years ago I was the answer to number 1-Down in the New York Times crossword puzzle," says best-selling author 1-Across. "At first I was like 'This is the greatest day of my life.' But then my brother-in-law pointed out that it was a Saturday puzzle," which is the hardest of the week. "The clues are so obscure, no one is supposed to know them. He basically told me that until I'm in the Monday or Tuesday puzzle, I'm [24-, 38- and 52-Across]."
- See blurb
- Sore spot
- Convenient to carry
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- "The Catcher in the ..."
- Strike a chord
- Check for flaws
- On the (fleeting)
- Zilch
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- "Halt!" to a sailor
- Killed, as a dragon
- Chalupa alternative

PUZZLE BY PETER GORDON

26 Dr. Frankenstein's assistant

27 Deadly

28 Vaping devices

33 Burmese or Persian

34 The "75" of \$1.75; Abbr.

36 Second-century pope

37 Clip-___ (certain sunglasses)

39 Collection of information

40 Things used on a bridal path

41 Neighbor of Afghanistan

42 Write using a keyboard

43 Get wind of

47 Bullfighter

48 Yoga positions

50 Ukrainian city on the Black Sea

51 Baking container for a cobbler

52 Debussy work whose title is French for "The Sea"

53 Big name in tractors

54 Dog-___ (like some well-read books)

55 Middays

56 Butt muscle

61 Mean dog

63 Hailed vehicle

64 Burmese or Persian

65 Birthday card number

66 ___ v. Wade

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Parents, teachers praise Utah's dual language immersion

By ASHLEY LEE

Gov. Jon Huntsman signed Utah's International Education Initiative into law in 2008, funding dual language immersion programs at 15 elementary schools.

Now, 10 years later, Utah offers 195 dual language immersion programs in elementary, middle and high schools all over the state.

The initiative provided \$750,000 in funding for programs in Chinese, Spanish and French. The state has since expanded its offerings to include German, Russian and Portuguese.

How it works

Students in Utah's dual language immersion programs spend half the school day learning in English and half the day learning in the target language.

Each class has two teachers: one who teaches in English and one who teaches in the target language. The target language teacher never speaks English to the students.

In the first few months of the program, students — kindergartners or first graders, depending on the program — are allowed to speak English.

But starting in January of that first year, English is banned from the classroom altogether. All communication must happen in the target language.

BYU alumna Jennifer Harper Steed taught in Portuguese in the dual language immersion program at Bluffdale Elementary School from 2013 to 2015.

Steed said "the most awesome part of the year" is when students are no longer allowed to speak English.

"They start to catch on that they can speak, and so they really start to thrive in the language," Steed said.

By the end of the first year of the program, the students are practically fluent — even making jokes in the new language, Steed said.

What parents think

"The program is strong, and parents really like it," said Diana Suddreth, director of teaching and learning for the Utah State

Board of Education.

Two of those satisfied parents are BYU alumnus Nate Irvin and his wife, BYU student Kris Trevino Irvin.

Nate and Kris enrolled their son, Toby, in the German immersion program at Summit Academy in Bluffdale, Utah in 2014.

Now a fourth-grader, Toby is just as fluent in the language as a German child of the same age.

"I'm actually really jealous because I really, really wanted to learn a language as a kid," Kris said.

Kris, who now takes German classes at BYU to try to keep up with Toby, said she hopes more schools adopt dual language immersion programs.

"For the kids that need a little bit extra in school, need more challenge, it's great for them," Kris said. "It's a skill they'll keep forever."

Denise and Kevin Brown felt the same way about the education their son received in his dual language immersion program.

Gregory Brown, now a seventh grader, attended a Mandarin Chinese immersion program at JP Stewart Elementary School

in Centerville, Utah for first through third grade.

His parents, Denise and Kevin, drove him far out of the way so he could attend the school.

"We felt that it would be a skill that he would keep for his entire life," Kevin said.

The Browns moved out of state several years ago, so Gregory was not able to continue in the immersion program. He continues to receive two hours of Mandarin instruction every week at a private Chinese school.

He recently passed a proficiency exam administered by the Chinese government, receiving the second-highest grade in the class.

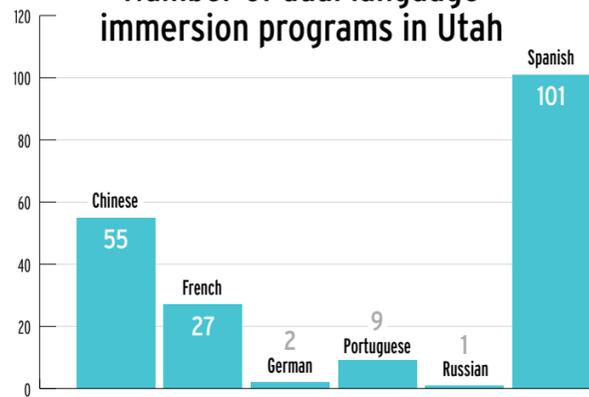
Still, Denise said Gregory's progress in the language has "definitely" slowed down since he left the immersion program.

"He would be much further ahead if he stayed in it; I have no doubt," Denise said.

What students think

BYU linguistics student Carmen Emilia Juárez completed a Spanish immersion program during her time at Timpanogos Elementary School in Provo.

Number of dual language immersion programs in Utah



Graph by Katy Klima
Source: schools.utah.gov

The bill that funded Utah's dual language immersion provided \$750,000 for 15 programs in 2008. That number has since grown to 195.

Juárez' father immigrated to the U.S. from Guatemala, and she grew up hearing both English and Spanish at home. But before starting the program, Juárez knew only a few Spanish words and phrases.

When her parents heard about the immersion program at Timpanogos Elementary School, they thought it was a great idea, Juárez said.

"At the time, I was not very happy about it at all. I really wanted to be in a normal class," Juárez said. "But in retrospect, I'm so glad that I did it because it helped my Spanish learning throughout my entire life."

By the time Juárez left the program, she could carry on a conversation in Spanish.

"I remember as soon as it was done, I didn't necessarily feel like I could speak Spanish, but my ability had actually improved quite a bit," Juárez said. "My ability to understand and at least to have a basic conversation had improved tremendously."

Since then, she's used her Spanish skills for work and to speak to her grandpa, who speaks mainly Spanish.

"That huge foundation of Spanish that I got through all of elementary school, I think, is what helped me to be able to have an ear for Spanish, to be able to know when something sounds right or something sounds wrong," Juárez said.

Immersion's future

There are more parents who want their children enrolled in a dual language immersion program than there are slots available.

But Suddreth said future growth for the programs presents additional challenges because of limited resources, including qualified teachers and available classrooms.

Additionally, it wouldn't be feasible to make every classroom a dual language immersion classroom, even if resources were unlimited.

Immersion students are only accepted at the beginning of the program, meaning students older than kindergarten or first grade can't join.

For example, if all of Utah's classrooms were dual language immersion ones, a student who moved to Utah in the fourth grade would have nowhere to go.

But Steed, who has since moved to Washington state, said Utah is the ideal environment for dual language immersion programs to thrive.

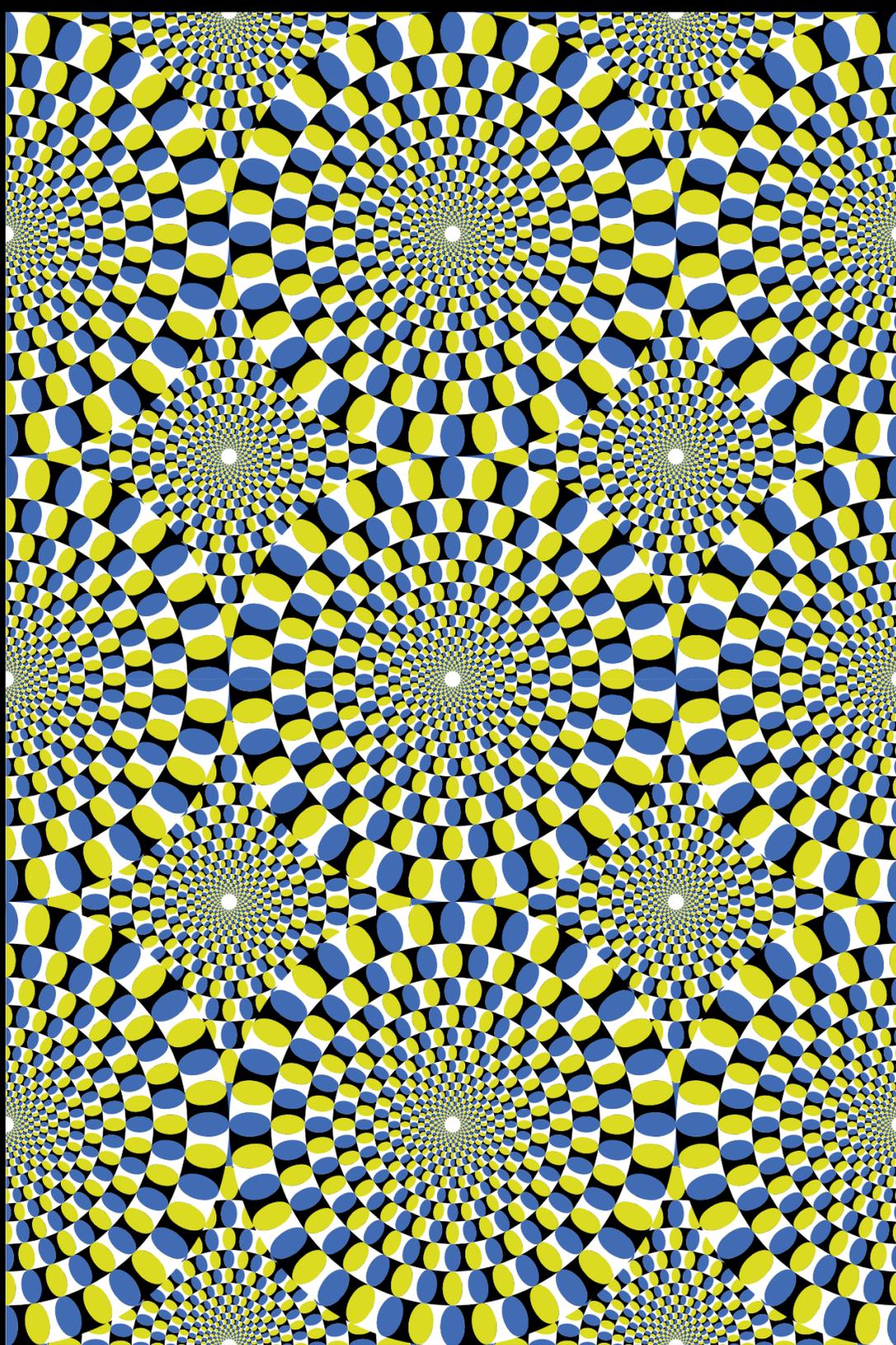
One reason is the large amount of returned missionaries who are fluent in a foreign language, Steed said.

Another is state funding. According to Steed, legislative action that funded dual language immersion programs is what made it so successful in Utah.

There's a large Brazilian population where she lives, but it's hard to organize immersion programs without funding from the state, Steed said.

Steed said she hopes more schools adopt dual language immersion programs.

"The more people are educated about it and how positive it is to learn languages at a young age, I feel like the more schools we'll have like that," Steed said.



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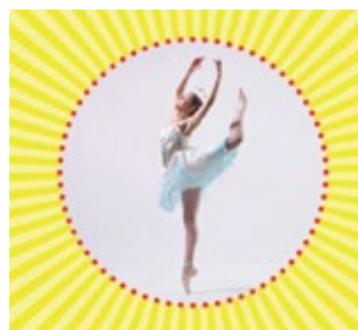
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BYU Theatre Ballet presents the magical children's ballet, *Carnival of the Animals*, to the delightful musical suite by Saint-Saëns.

Thurs-Sat, Feb 1-3, 7:30 p.m.
Sat, Feb 3, 2:00 p.m.
de Jong Concert Hall

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Young Company's production of the world's most famous and tragic love story recasts this conflict of miscommunication and distrust between two households in literal terms—they speak different languages.

Feb. 7-9, 14-16, 7:00 p.m.
Feb. 10, 17, 2:00 p.m. & 4:00 p.m.
Nelke Theatre



Off the Map: The Fever



Winter Choirfest



BYU Philharmonic

Thurs.-Sat., Feb. 1-3,
5:00 p.m. & 8:00 p.m.
Pardoe Theatre

Tues., Feb. 6, 7:30 p.m.
de Jong Concert Hall

Fri., Feb. 9, 7:30 p.m.
de Jong Concert Hall

BYU Symphonic Band
Sat., Feb. 10, 7:30 p.m.
de Jong Concert Hall

Family Concert Series:
Pictures in Sound
Sat., Feb. 10, 11:00 a.m.
de Jong Concert Hall
Free Admission

BYU Jazz Voice and
Jazz Ensemble
Tues., Feb. 13, 7:30 p.m.
de Jong Concert Hall

All events are ticketed unless otherwise noted.

BYU arts