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Coach Rose returns to coach with Jimmer

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Flying back to 1969

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Road work ahead

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THE UNIVERSE

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Provo, Utah

BYU student creates improvisational, science-fiction, live stream web series

By RACHEL KEELER

BYU media arts major Nathan Young was playing Dungeons and Dragons with some friends in February when one suggested that Young start a role-playing game (RPG) show and take on the role of Dungeon Master. Young said most of his friends laughed it off, but he stayed up all night thinking about the idea.

Young called his friend Matthew Ricks, who he worked with at one of the space center simulators, and asked what it would take to make an improvisational, science-fiction spaceship series.

"I sat down and drafted out a quick write-up of what this all would look like, combining all the RPG shows, web series and live streaming, and this is what I got," Young said.

Young asked around to see if there would be any appeal in the show. He said some people weren't interested at all, but others who showed intrigue said, "I don't know how it's all going to work, but that could be interesting."

Young said he spoke with the director of Renaissance Space Academy Victor Williamson, who also built the first space center in Utah in 1990, and asked Williamson if he'd let them use the space center for a show. Williamson allowed Young to use it for free.

Over the next few months, Young rounded up volunteers from the media arts major to help him with this project. Young said since the idea for the web series was sparked in February, all the grant deadlines had already passed.

"We had no budget. Fortunately, we were able to scrape together enough willing people who think the idea is cool from all over campus to help put this together," Young said. "We got this first episode approved from the (film) department as an 'advanced practice exercise.'"

Young said the lights and camera equipment are from the BYU's film department, but everything else was either coming out of pocket or from

what the cast and crew had in their houses.

According to Young, the six cast members they have for the show went through a series of auditions, but three are not acting majors.

BYU exercise science major and cast member Kealani Creech said she was contacted by her mission friend MarKaye Hassan. A casting director, Hassan asked if she was interested in getting involved.

"(Hassan) texted me one day asking, 'Hey, do you want to get involved with a fun, little simulator where you get to wear a costume?' and that's all I knew," Creech said. "I thought maybe I was going to help out children by wearing an Elmo costume and I thought, 'that's fun!'"

Creech said it was at the auditions when she found out it was a web series. Creech said she has never had experience with theater or acting, was asked to come to callbacks and was surprised to be given the role.

BYU acting major and cast member Ian Buckley said he saw postings and advertising about the casting for the web series and thought it was a neat idea. When Buckley found out that Young — a student in one of his acting classes — was the producer, he decided to go audition.

"I have been performing for most of my life in front of people, but the difference between this is I have no idea what is going to go down in there," Buckley said.

Creech and Buckley said all that the cast members received was their specific character's background. The rest is unknown until the time of the actual live stream.

"Because it's all very improvised, that's the goal of the show: to be as down-to-earth and real about it as possible," Young said. "The show exists on multiple layers. It's not just an interesting story, it's also about a group of crazy college kids trying to put together the show."

Young's show 'Good luck, have fun, don't die' was live-streamed on July 18 through YouTube.



Nathan Young explains what happens on the screens in the simulator master room and how it works during the live stream of his sci-fi web series.



Provo City Fire Marshal Lynn Schofield recommends being aware and prepared as well as supervising those using sparklers, especially children.

From fun to fear: fireworks safety

By KIMBERLY PETERSEN

Kids firing fireworks into trees in Rock Canyon Park started a fire on July 3. On July 4, St. George News reported that St. George firefighters responded to 26 fireworks-related calls between 9 p.m. and midnight. KUTV reported the same day that fireworks started a field fire that burned close to homes in Lake Point.

Fun can quickly turn to fear if people aren't careful with fireworks.

Unified Fire Authority public information officer Ryan Love told KSL-TV that firefighters stay up until about three in the morning every year in anticipation for the next Fourth of July call. He said though there has been more rainfall this year, that doesn't necessarily mean fewer fires. In fact, people might assume danger is less likely and be more reckless.

As a result of these and other local fires, several Utah counties, including those against the use of fireworks, implemented fire restrictions.

Provo Fire and Rescue gave fireworks discharge restrictions for the area. Fireworks are prohibited east of Kiwanis Park, on BYU campus and in all parks except Sertoma, Exchange, Fort Utah, Footprinters, Provost and Kiwanis. Fireworks are only allowed on Independence Day (July 2-5), Pioneer Day (July 22-25), New Year's Eve (December 31-January 1) and on the Chinese New Year.

Provo City Fire Marshal Lynn Schofield said Provo Fire and Rescue gets more calls every year once fireworks become available to the public. Because of this, he offered advice on how to stay safe around fireworks.

When it comes to shooting off fireworks, Schofield said, people simply need to be aware of their surroundings. Fires often happen because people light fireworks near combustible areas like dry fields.

Weather also plays a role in firework safety. "What the extremely wet winter has done for us, is that really tall cheatgrass that was nice and green up until the first week of July is now brown and read to burn," Schofield said. People should make sure to always have a method of extinguishing fires when lighting fireworks.

Schofield suggested people light fireworks on pavement or near green grass. However, even when people are aware of their surroundings and prepared to extinguish fires, Schofield said fireworks will always present a danger.

"Sparklers are actually pretty dangerous," he said. "The fire at the tip of a burning sparkler is hot enough to melt gold, and we give those to two- and three-year-olds to wave around." Along with being aware and prepared, Schofield said supervision is key.

Schofield said Provo Fire and Rescue is very serious about clearly designated restricted areas, which are outlined on its website.

"We actually have a lot of confidence in our citizenry if they're going to be responsible in using their fireworks," Schofield said, "and they have not let us down."

500 West, Center Street closure continuing until mid-August

By JENNA ALTON

The closure of Center Street and 500 West in Provo will continue until mid-August to allow construction crews to install a new storm drain system and pave the road with concrete.

According to Utah Department of Transportation communications manager Geoff Dupaix, the west side of the intersection closed July 18 and is anticipated to reopen in August. Dupaix said UDOT recognizes the closure is inconvenient but necessary to rebuild the section of the road.

"It's also an ideal time to do this, because Provo City had just wrapped up their Freedom Festival and the Stadium of Fire events over the July 4 weekend," Dupaix said. "We don't have as many big events that are happening in that area until school begins, which is right there around that mid-August timeframe."

Dupaix said the storm drains currently in place are decades old and need to be upgraded and replaced. The new drain system will be capable of handling additional water flow. Additionally, the asphalt pavement will be replaced with more durable concrete pavement.

"We're projecting that this pavement service could last up to 50 years so long as it's maintained properly," Dupaix said. "It's a really good investment."

Crews are currently in the process of removing all the pavement, curb and gutter on the west side of Center Street and 500 West to install the new drain system. Once the intersection is complete, along with the half of 500 West



Construction on 500 West began in April and is anticipated to continue until July 2020. Currently, the west side of the intersection of 500 West and Center Street is closed. A detour takes drivers through 600 West. Scan the photo with the Universe Plus app to read a Portuguese translation of this story.

that is currently under construction, the construction will switch to the other side of the road.

"We have that half of the road opened up, so that's allowed us to install a lot of the new storm drain. It's allowed Provo City to install and upgrade their water and sewer lines," Dupaix said.

According to Dupaix, traffic on the west side of the 500 North and Center Street intersection is detoured through 600 West and 100 North. The detour goes behind the Fresh Market on the corner

of 500 West and Center Street. UDOT has installed an additional turn lane and modified signals to accommodate for the increased traffic through the detour.

"So if you're heading to the south, you'll take 600 West south along the west edge of the park and down to 200 South or 300 South for residents, depending on what they're needing access to," Dupaix said.

Despite the construction, Dupaix emphasized that businesses on 500

West remain open. Drivers can still use the road, he said, but may need to allow themselves a bit more time as there is currently only one lane in each direction.

The intersection closure is just one phase of the two-year 500 West construction project that began in April and will continue until 2020. According to UDOT's website, the goal of the project is to "upgrade aging infrastructure, provide better south-north connectivity and improve the traffic flow, enhance safety for both pedestrians and bikers, improve active transportation options and improve drainage."

A detailed breakdown of the construction work and anticipated project dates are available on UDOT's website.

Construction crews hit a gas line during excavations last Thursday, leading to evacuations in nearby homes. Dupaix said UDOT has shut down the excavation work so energy crews can make the necessary repairs.

"We are also going to be reevaluating that excavation and installation process with the contractor to make sure that things are done safely and to minimize the risk of this ever happening again," Dupaix said.

Dupaix said that, despite some setbacks and a very wet spring, the project is proceeding as planned and is expected to be completed on time. The contracted construction end date is July 2020.

Dupaix encouraged residents to stay caught up on construction updates and upcoming closures by sending an email to provo500w@utah.gov to subscribe to project email updates or calling the hotline at 385-250-0606.

UNIVERSE news briefs

FROM THE ASSOCIATED PRESS



Smiling for his mom, Prince George turns six

Kensington Palace released three new photographs before Prince George's birthday. The future king turned 6 on July 22. It's become a tradition for the palace to release snapshots taken by his mother Kate, the Duchess of Cambridge. In this picture George is seen with a big smile as he wears a soccer jersey. George is a great-grandson of Queen Elizabeth II and third in line for the throne behind his grandfather and his father, Prince William. He is the oldest of William's three children.



Native American author honored with peace prize

A Native American author whose writings have highlighted his indigenous culture is this year's winner of a lifetime achievement award celebrating literature's power to foster peace, social justice and global understanding. Dayton Literary Peace Prize officials selected novelist and poet N. Scott Momaday for the Richard C. Holbrooke Distinguished Achievement Award. His 1968 book, "House Made of Dawn," won a Pulitzer and has been credited with leading a renaissance in Native American literature.



Technology companies push early US stock gains

U.S. stocks moved higher in early trading Monday, July 22, on Wall Street as investors snapped up technology stocks. The opening gains follow a decline last week that pulled the market further away from record highs set one week ago. Investors have been assessing results to get a better picture of the economy's health. So far, the reports have been mixed. Monday is expected to be a quiet day for earnings, but 145 S&P 500 companies are scheduled to report results through July 26.



China lashes out at Hong Kong protest

China on July 22 harshly criticized a weekend demonstration in which eggs were thrown at its office in Hong Kong, accusing the demonstrators of violence without mentioning a violent attack against protesters and civilians the same night. A group of protesters targeted China's Liaison Office on Sunday night after more than 100,000 people marched through the city to demand democracy and an investigation into the use of force by police to disperse crowds at earlier protests.



Peaty, Hosszu dominate world swim championships

Adam Peaty became the first man to win a third 100-meter breaststroke title at the world swimming championships on Monday, July 22. Katinka Hosszu of Hungary also added more gold to her collection. Peaty claimed the title in 57.14 seconds, a night after he became the first man to break 57 seconds in the semifinals. The British swimmer was under his own world-record pace at the turn before coming home a full body-length in front and 1.32 seconds ahead of his teammate.



Maddi Dayton

EFY participants walk across the BYU campus. BYU will discontinue traditional EFY sessions starting in 2020 to help facilitate For the Strength of Youth conferences.

FSY conferences to replace EFY in US, Canada

By JENNA ALTON

The Church of Jesus Christ of Latter-day Saints announced Friday it will launch For the Strength of Youth conferences in the U.S. and Canada starting in 2020. For the Strength of Youth conferences, known as FSY, are modeled after BYU's Especially for Youth conferences (EFY). According to the Church Newsroom, the Church has offered FSY outside the U.S. for more than a decade and will continue to do so. Traditional EFY sessions will be discontinued so BYU can

support the Church in facilitating FSY, according to efy.byu.edu. EFY Special Edition and EFY Express sessions will continue. According to a Church-released notice, FSY lasts five days and consists of activities, devotionals and classes "designed to help strengthen faith in Jesus Christ and provide opportunities for youth to grow spiritually, socially, physically and intellectually." All stakes will participate in FSY every other year beginning in 2021 and 2022. Youth ages 14 and older are invited to attend until they graduate high school. Only select stakes will participate in FSY in 2020 as the

Church rolls out the program. The complete list of participating stakes can be found online. According to the notice, young single adults will be called as FSY counselors and youth leaders do not attend FSY. The Church has asked stakes attending FSY in 2020 to not plan treks or youth conferences, but the stakes may host young women and young men's camps. FSY is just one facet of the Church's new initiative for children and youth, which was announced in May 2018 and will begin in January 2020. The initiative will also replace the Boy Scouts, Personal Progress, Faith in God and Duty to God programs.

Campus News

COLLEGE OF Fine Arts and Communications

An observant and invested professor can change a student's life. For trumpet performance major **Neal Hillam**, the mentorship of professor **Jason Bergman** meant the difference between thriving in the School of Music and putting aside a longtime dream – possibly forever.

Hillam, who played trumpet for most of his life, said playing had always caused him mild pain. Within the last two years, however, the pain increased, and Hillam began to suffer nerve and muscle damage in his face.

With no explanation or solution for the root cause, Hillam's future in the School of Music was uncertain. He finally reached a point during winter semester where he physically couldn't continue, and Bergman told him to take a break and work on recovering while they assessed his options.

Then it hit Bergman: Hillam could have a metal allergy.

"We had a breakthrough day where it finally clicked, and we ordered a special acrylic mouthpiece," said Bergman.

With his first glimmer of hope in two years, Hillam made the switch to an acrylic mouthpiece in Bergman's office. The change was immediate. Later in the semester, Hillam was able to play through his entire junior recital – something that seemed impossible only months before. Though his recovery is still ongoing, Hillam is grateful to be finding joy in his instrument again.

COLLEGE OF Life Sciences

In 2017, Nike released a running shoe with the intent to make marathon runners markedly faster. Led by Professor **Lain Hunter**, researchers at BYU decided to test if those claims were true.

After conducting tests, the team found that the benefit offered by the Nike Vaporfly 4% shoes was enough to reduce the energy cost of running by 2.8% on average compared to other popular running shoes. This improvement could ultimately improve a race time by several minutes.

"The Vaporfly 4% shoe has the ability to allow runners to use less

energy when they run," Hunter said. "It especially seems to help those who spend less time on the ground than those who spend greater time on the ground when running."

The study, which was published online in the Journal of Sport Sciences, compared the Nike Vaporfly 4% with the Adidas Adios Boost and the Nike Zoom Streak, two of the most popular shoes for elite marathon runners.

COLLEGE OF Physical and Mathematical Sciences

Gus Hart, dean of the College of Physical and Mathematical Sciences,



appointed professor **Scott D. Grimshaw** as chair of the Department of Statistics. On July 1, Grimshaw replaced professor William Christensen,

who has served as department chair since 2017.

"Grimshaw is a passionate instructor and an erudite statistician," said Hart. "We are grateful to have his leadership in this time of growth and change in the Department of Statistics."

In his research, Grimshaw derives statistical methods for big data in manufacturing, entertainment and financial markets. His student mentored research have included data science projects in the entertainment value of sports, causes of grade inflation, election outcome prediction, and monitoring complex manufacturing processes. He received the Wilcoxon Prize and Texas A&M's Hartley Award.

IRA A. FULTON College of Engineering

Professor **Dale R. Tree** is the new Mechanical Engineering department chair. Tree replaced professor R. Daniel Maynes, who served as department chair since 2013.

Tree joined the BYU faculty in 1994. He received a Bachelor of Science degree in Mechanical Engineering from BYU ('86), a Master of Science in Mechanical Engineering from Purdue University ('88), and earned his Ph.D. in Mechanical Engineering with a minor in Chemical Engineering from University of Wisconsin-Madison ('92).

Tree's research on diesel, coal, biomass and black liquor combustion

has been published in more than 60 publications. He currently advises the Society of Automotive Engineers chapter at BYU, mentoring student teams on the design and build of mini-baja cars, formula cars, and supermileage cars. Many of his teams have won national competitions. He is consistently rated as an exceptional teacher by the students in his classes and has received several awards from each level of the university in recognition of his superb teaching.

MARRIOTT School of Business

BYU student **Olivia Berhan** was 17 years old when she first visited Ethiopia with her father, Mussie, a refugee from the northeastern African country. While visiting Ethiopia, Berhan noticed crowds of disenfranchised women begging in the streets, and she vowed to help.

Fast forward to today and Berhan, a native of Mount Vernon, Washington, has founded a company that aims to give women in Ethiopia a way to provide for themselves. The company, Kelali, is one of nine student-run ventures that pitched to Social Venture Academy, a resource provided by BYU Marriott's Ballard Center for Economic Self-Reliance, at a recent judging event. Student entrepreneurs in the academy work to solve social issues across the globe, and recent participants seem to be setting a new trend in social entrepreneurship – women helping women. Eight of the nine ventures in the academy include at least one woman team member, and three of the ventures – including Berhan's Kelali – were founded exclusively by women.

Now a nineteen-year-old BYU sophomore studying computer science, Berhan works to solve the problems she discovered while visiting Ethiopia by empowering women to use their skills to support themselves. Berhan partnered with the United Nations in Ethiopia to employ women at a UN safehouse to make baby swaddles to be sold in the United States. "A lot of the women already knew how to sew and weave, so I thought this would be a cool thing to start," Berhan said. "You have to bridge the gap between our culture and theirs – that's what I'm trying to do through Kelali."

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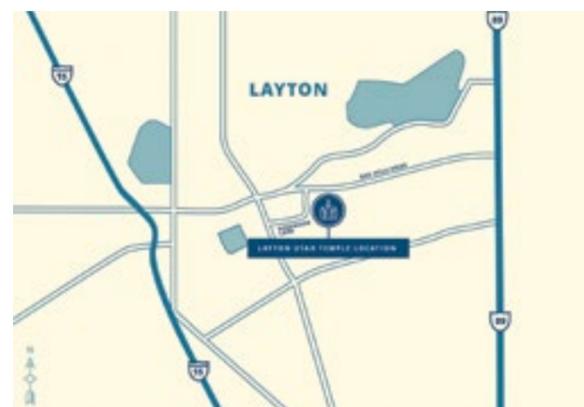
Church announces Layton temple site

By JENNA ALTON

The Church of Jesus Christ of Latter-day Saints announced July 15 that it will build the Layton Utah Temple on the corner of Oak Hills Drive and Rosewood Lane in Layton City.

The temple site announcement comes over a year after Church President Russell M. Nelson announced plans to build a temple in Layton. According to a news release, the Church plans on "a three-story temple of approximately 87,000 square feet."

Google Maps shows the temple site just south of a current Church meetinghouse.



Church Newsroom

The Church of Jesus Christ of Latter-day Saints announced its plans to build the Layton Utah Temple at the corner of Oak Hills Drive and Rosewood Lane in Layton City.

Reports of run-ins with bears soar in Utah after wet spring

ASSOCIATED PRESS

Reports of bears coming down from the mountains and rummaging through backyards and campgrounds in Utah have more than doubled from the same time last year following a wet spring and an increase in their numbers, wildlife officials say.

It comes as conflicts between people and bears have been on the rise elsewhere in the U.S. as populations grow in Montana, Wyoming and Idaho and on the East Coast.

Utah's Division of Wildlife Resources has received more than 25 reports of black bears getting into trash cans and campsites so far this year, spokeswoman Faith Jolley said. Most of the reports have been in central Utah, according to numbers released July 17. The agency tallied 27 bear encounters for all of 2018.

The sharp increase can be attributed to a larger bear population across the Wasatch Front and a wet spring that kept bears hibernating and hungrier longer than usual, said Riley Peck, a wildlife biologist with the agency.

Peck said last year's dry summer sent leaner bears into hibernation. That, combined with a very wet, cold spring, "could be making the bears a little bolder in trying to acquire their needed calories," he said.

In June, a bear was captured and killed after it scratched a boy camping near Hobbie Creek Canyon in northern Utah. Days later, officials spotted a second bear in nearby Springville and caught a third bear eating out



Associated Press

This year the Utah Division of Wildlife Resources has recorded more than 25 black bear encounters. In 2018 the DWR recorded 27 total bear encounters.

of garbage cans in Mapleton, a town over.

There also have been recent bear sightings in Spanish Fork Canyon and Woodland Hills. Nobody has been seriously injured.

The encounters don't suggest a larger trend in Utah, with reports of bear sightings varying widely over the last five years. Wildlife officials

recorded 38 encounters in 2015 but received only nine reports the following year. A whopping 84 reports came in 2017.

In other parts of the U.S., the number of grizzly bears around Yellowstone National Park has increased so much that federal officials are seeking to remove their status as a threatened species. Court challenges have held up that move. At least 700

grizzlies live in parts of Montana, Wyoming and Idaho surrounding the park.

The bears have expanded their range by about 1,500 square miles (3,900 square kilometers) over the past two years, according to government data, leading to more frequent run-ins with hunters and hikers, attacks on livestock and pillaging of crops on farmland.

Those encounters often lead to wildlife officials relocating bears deep in the wilderness or killing them if they are repeat offenders or become used to people.

Black bear conflicts also have been increasing on the East Coast in recent decades, such as in New Jersey, as populations rebound from overhunting. Last year, the U.S.

Department of Agriculture's Wildlife Services division, which responds to conflicts between people and bears, killed more than 350 black bears and relocated more than 400 across the country.

With Utah's increase in black bears this year, wildlife officials are urging people to protect their homes and campsites to avoid attracting the animals. If facing a black bear, Jolley advises people to stay calm, stand still and fight back if it attacks.

Those in neighborhoods close to the foothills of the mountains should regularly clean their trash containers and secure backyard items that could lure the animal, like fruit trees, barbecue grills and pet supplies, Jolley said.

Hikers visiting Arches and Canyonlands national parks in eastern Utah have to carry their food in bear-proof canisters in certain areas. And visitors staying in the campgrounds are warned not to bring strong-smelling food like tuna, ham or bacon, said Chris Wonderly, a parks spokesman.

Uinta-Wasatch-Cache National Forest spokeswoman Kathy Pollock said they have posted more warning signs near campgrounds and trailheads after the boy was scratched last month.

Jolley said the belief that Utah isn't part of "bear country" understates the risks of encountering the animal and gives some residents a false sense of security.

"There are bears in Utah, and people need to be prepared for that," she said. "We just want to make sure they're being safe."

Deepfake videos pose a threat, but 'dumbfakes' may be worse

ASSOCIATED PRESS

Sophisticated phony videos called deepfakes have attracted plenty of attention as a possible threat to election integrity. But a bigger problem for the 2020 U.S. presidential contest may be "dumbfakes" — simpler and more easily unmasked bogus videos that are easy and often cheap to produce.

Unlike deepfakes, which require sophisticated artificial intelligence, audio manipulation and facial mapping technology, dumbfakes can be made simply by varying the speed of video or selective editing. They are easier to create and can be convincing to an unsuspecting viewer, which makes them a much more immediate worry.

A slowed-down video of House Speaker Nancy Pelosi that made her appear impaired garnered more than 2 million views on Facebook in May. In November, then-White House Press Secretary Sarah Sanders tweeted a sped-up video of CNN reporter Jim Acosta that made him look more aggressive than he was during an exchange with an intern. Her post received thousands of retweets.

The fact that these videos are made so easily and then widely shared across social media platforms does not bode well for 2020, said Hany Farid, a digital forensics expert at the University of California, Berkeley.

"The clock is ticking," Farid said. "The Nancy Pelosi video was a canary in a coal mine."

Social media companies don't have clear-cut policies banning fake videos, in part because they don't want to be in the position of deciding whether something is satire or intended to mislead people — or both. Doing so could also open them to charges of censorship or political bias.

Facebook, however, will "downrank" false or misleading posts — including videos — so that fewer people will see them. Such material will also be paired with fact checks produced by outside organizations, including The Associated Press.

There are also vast gray areas depending on political affiliation

or your sense of humor.

One social media user who calls himself Paul Lee Ticks — a play on the word "politics" — often makes fabricated videos, mostly of President Donald Trump. In one of his most recent video edits, he added a "concentration camps" sign to the Trump International Hotel & Tower in Chicago.

Another social media user who goes by the handle Carpe Donktum makes edited videos in support of the president. Following Trump's June comments that Joe Biden appeared slow, Carpe Donktum slowed down video footage of Biden and spliced two clips, making the former vice president appear to say something he did not.

"Disinformation is so powerful in our levels of political polarization."

Erik Nisbet
Professor, Ohio State University

Trump often retweets Carpe Donktum and last week he met the president in person during the White House's "social media summit" featuring conservatives. Carpe Donktum says he makes parody videos and disputes the notion that his videos are "doctored" because their intent is satirical and the manipulations obvious.

"These are memes and have been on the internet since the internet's inception," he said.

Both Paul Lee Ticks and Carpe Donktum, who spoke to the AP on the condition of anonymity due to fear of threats and harassment, started off making videos that were more simplistic and comical. But their videos have become more sophisticated, blurring the line between what is real and fake in a more convincing way for an audience that is unsuspecting or unfamiliar with their comedic style.

Concern about these videos is growing among experts, politicians and the general public.

During a House Intelligence

Committee hearing on June 13, Rep. Adam Schiff, a California Democrat, said the Pelosi video represents the scale of the problem ahead. According to a June Pew Research Center study, 63% of Americans surveyed about made-up news and information said that videos and images altered to mislead the public create a great deal of confusion around the facts of current issues.

Other manipulations are equally crude, yet more subtle. Some fake videos, for instance, mislabel authentic historical footage of public unrest or police activity with incorrect dates or locations to falsely suggest they depict breaking news.

"Disinformation is so powerful in our levels of political polarization," said Ohio State University professor Erik Nisbet, who co-authored a study in 2018 that found fake news may have contributed to Trump's 2016 win. "People are angry, worried and anxious. They are more vulnerable to misinformation and disinformation that validates their feelings."

Demographics also play a role. Cliff Lampe, a professor at the University of Michigan, said older generations that were raised on mass media "tend to trust video more." A study published in the Science Advances journal in January found that people over 65 and ultra-conservative were more likely to share false information.

Edward Delp, director of the Video and Imaging Processing Laboratory at Purdue University, and his team were able to develop an algorithm to detect deepfakes. Finding ways to protect and authenticate videos, he said, could help minimize the impact of manipulated video.

However, video authentication may do little to change people's views. Farid, the UC Berkeley professor, said with the manipulated Pelosi video, users could easily find the original clips of the House speaker online but people were still willing to believe the false video was real.

"If we can't get it right, I mean the public and Facebook, where are we going to be when we have more complex fakes?" he said.



Associated Press

Hany Farid, a digital forensics expert at the University of California at Berkeley, thinks people are vulnerable to disinformation that validates their feelings.

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Trump vs. Dems: 'Racist,' 'socialist' lines drawn for 2020

ASSOCIATED PRESS

With tweets and a vote, President Donald Trump and House Democrats established the sharp and emotionally raw contours of the 2020 election campaigns.

In the process, they have created a fraught political frame: "racists" vs. "socialists."

Trump's aggressive condemnation of women of color in Congress has allowed House Democrats to mend, for now, their own political divisions as they put the president on record with a resolution condemning his words as racist.

But by pushing the House majority into the arms of the squad of liberal freshman women, Trump also adds to his narrative that Democrats have a "socialist" agenda, a story line he started to bring into focus during his State of the Union address.

Political triumphs are being claimed on all sides. Yet it's unclear whether either approach is what's needed to sway independent-minded voters who typically determine congressional and presidential elections. And at a time when polling shows Americans sense a worsening of racial attitudes, the searing attacks along Pennsylvania Avenue are tapping potentially explosive emotions.

"I do think I'm winning the political fight," Trump told reporters outside the White House. "I'm winning a lot."

Whoever is "winning," there was no cooling off Wednesday. Trump continued attacking the quartet during a campaign rally in Greenville, North Carolina, and the crowd responded by chanting, "Send her back!" The House voted on a resolution on impeachment, though a majority of Democrats joined united Republicans in killing the measure.

In all, the current state of affairs offers "a very clear choice," said Ronna McDaniel, the chairwoman of the Republican National Committee.



Associated Press

President Donald Trump speaks at a 2020 campaign rally in Greenville, North Carolina, Wednesday, July 17.

"The Democrat party is now a socialist party, and these four women have become the de facto speakers of the Democrat House," she said on Fox. "So he's saying, do you want socialism or do you want what we're delivering with higher jobs, higher wages, more jobs, a strong economy."

House Speaker Nancy Pelosi suggested Americans have already heard enough from Trump, with his "disgusting" remarks "denigrating" the nation's values.

"The president knows the arguments that are being made against him and therefore he wants to distract from them," Pelosi said. "Let's not waste time on that," she said. "We're talking about what we're going to do to help the American people."

The four freshmen, in their

own appearance together, portrayed the president as a bully who wants to "vilify" not only immigrants, but all people of color. They're fighting for their priorities to lower health care costs, pass a Green New Deal addressing climate change, they say, while his thundering attacks are a distraction and tear at the core of America values.

"America has always been about the triumph of people who fight for everyone versus those who want to preserve rights for just a select few," said Rep. Alexandria Ocasio-Cortez of New York, perhaps the most recognizable of the newcomers.

"And there is no bottom to the barrel of vitriol that will be used and weaponized to stifle those who want to advance rights for all people in the United States," she said on "CBS This Morning."

Taking a fresh dig at the group, Trump on Wednesday tweeted a new slogan — "One 'squad' under God" — with a video featuring clips of him meeting with law enforcement and military personnel juxtaposed with patriotic scenes, set to Lee Greenwood's "Proud to be an American," which often serves as a soundtrack to his campaign rallies.

The week has already been extraordinary, even by the new standards of the Trump presidency.

In a political repudiation, the Democratic-led U.S. House voted Tuesday to condemn Trump's "racist comments" against the congresswomen of color after he told them to "go back" to their own countries.

The women, Ocasio-Cortez and Reps. Ilhan Omar of

Minnesota, Ayanna Pressley of Massachusetts and Rashida Tlaib of Michigan, all were born in the U.S. except for Omar, who became a U.S. citizen after fleeing Somalia as a refugee with her family.

Democrats eased the resolution through the chamber by 240-187, joined by four Republicans and one Republican-turned-independent congressman.

Trump accused the women of "spewing some of the most vile, hateful and disgusting things ever said by a politician" and added, "If you hate our Country, or if you are not happy here, you can leave!"

Republican operatives swiftly dispatched their own attacks on nearly 30 of the House Democratic freshmen who helped take the majority in 2018 by winning seats from areas that Trump

also won in 2016. They are seen as the front-liners needed to retain control of the House, and many face tough re-election races in 2020.

"Deranged," read the missives from the National Republican Congressional Committee. The committee is raising money off Ocasio-Cortez as the face of the "socialist" agenda and drawing links to the party's presidential contenders, including Bernie Sanders, Elizabeth Warren and other liberal front-runners.

"This wasn't what people in the Trump districts elected them to do," said Bob Salera, a spokesman for the GOP's campaign committee.

Democrats believe Trump's attacks will have the opposite effect, turning off the suburban voters, particularly women, who helped elect Trump but also turned out for Democrats in last fall and are tiring of it all. Trump tried a similar approach last fall, invoking fearful warnings of "caravans" of immigrants pouring into the U.S., but voters tuned him out to give Democrats control of the House. The party will try again to coax voters away from Trump's vision of America.

But Democrats also know they now need to return to their core campaign messages — lowering health care costs, conducting oversight of the administration — or risk having Trump define them and the 2020 candidates.

Behind closed doors Wednesday, July 17, party leaders laid plans for reviving those issues, starting with an event next week to mark their accomplishments so far on the 200th day of the House Democratic majority, and into the summer August recess campaigns.

"I'm trying to represent my district, a very diverse district," said Tlaib. "This is a distraction."

When asked if they, as the four newcomers, were also a distraction, Omar, a Muslim-American, objected to the question: "He wants you to focus on that, and you should be asking, Why is it that we are being criticized?"

Law professor discusses vitality of business law for human flourishing

By EMMA BENSON

BYU Law Professor and Associate Dean for Faculty and Curriculum Christine Hurt addressed students during a forum on Tuesday, July 16, on the vitality of business law for human flourishing.

According to Hurt, business law can nurture, protect and reward human flourishing.

She encouraged the audience to broaden their perspective on businesses. "As we talk about 'businesses,' remember we are talking about humans who are organizing their labors and activities in the business arena."

Throughout her address, Hurt explained the focus of her research and teaching: the organization and financing of businesses, from formation to the initial public offering.

"In the end, I hope to convince you that training and experience in the law of business development and finance can lead to some life-changing experiences with unforgettable children of God."

Hurt remarked that many law students say they go to law school to fight for justice and make the world a better place.

"Not only do I believe that well-run capital markets and robust legal doctrines protect entrepreneurs and encourage human flourishing, I have also had the surprising opportunity to use my corporation-centric experience to see human flourishing on the ground," she said.

Hurt, though a regular attendee of her local ward, is a member of the Community of Christ, formerly known as the Reorganized Church of Jesus



Addie Blackler

Christine Hurt addresses students during a BYU forum on Tuesday, July 16.

Christ of Latter Day Saints.

While she and her husband, an Evangelical Christian, were teaching at the University of Illinois, they became aware that a group from the Presbyterian church where they worshipped was starting a partnership with a village in Malawi.

Despite not being an adventurous traveler, Hurt said she felt she needed to go with the group to the village in Lisanjala, Malawi. Since that initial trip, Hurt has taken others to Lisanjala, where she has learned more about her purpose and God's plan.

Hurt explained one of her favorite books is by the creator of VeggieTales Phil Vischer, called "Me, Myself & Bob."

Hurt said that in the book,

Vischer recounts how he dreamt to be the "Christian Walt Disney," but failed. Veggie Tales went bankrupt and Vischer lost the rights to his creations.

"Struggling to come to terms with how he had a righteous dream to glorify God through children's Bible-based animation and how God let his dream die, Vischer had an epiphany," Hurt said. "His purpose on Earth was not to achieve his dreams, no matter how good or righteous they were. His purpose was to walk in the will of God."

Hurt shared an experience she had on her fourth trip to Malawi, where she met a young woman named Happiness.

Hurt offered Happiness a

treat, but rather, Happiness wanted to go to the Mulanje Mission, a two-mile trek. Happiness needed the help of someone to register her for high school in time for the next quarter — one week later.

"I'm not a scientist or an inventor. But, I am a mom. And you can call me a helicopter mom or a snowplow mom or a lawnmower mom, but if someone needs to get registered for school, I can do it," Hurt said.

Hurt walked with Happiness to the school, where they were told to return the next morning. Happiness then brought a friend, Patricia, along to also register for school.

"That day, we went from office to office, where male officials treated the two young woman pretty badly and made them feel ashamed of themselves," Hurt said. "My law mom training enabled me to advocate for them and finally get them enrolled, get them uniforms, and the required haircuts."

Hurt said that a year later, she didn't know whether Happiness was still in school.

"However, I remind myself that my purpose wasn't really to get Happiness enrolled in school," she said. "My purpose was to show her how much Heavenly Father loves her. So much that he sent some crazy helicopter mom to her for a few days."

"Phil Vischer wrote in his book that our five-year plan should not be to be the Christian Walt Disney, or to start a successful scholarship program in Malawi, or even to be a nationally renowned corporate law scholar," she said. "Our plan for five years from now should be to walk in the will of God."



Mormon Newsroom

The Church of Jesus Christ of Latter-day Saints announced on May 8, 2018 that it will launch a worldwide initiative for children and youth in January 2020.

Church announces updates to new 'Children and Youth' initiative

By EMMA BENSON

The Church of Jesus Christ of Latter-day Saints announced updates to the global initiative "Children and Youth" that will replace the Boy Scouts and Personal Progress programs in 2020.

The First Presidency originally announced this new initiative just over a year ago.

"For years, Church leaders have been preparing a new initiative to teach and provide leadership and development opportunities to all children and youth, to support families, and to strengthen youth everywhere as they develop faith in the Lord and Savior, Jesus Christ," said The First Presidency in the May 8, 2018 announcement.

According to a letter sent to General Authorities, general officers and local leaders of the Church, a special broadcast with President M. Russell Ballard will be held on Sept. 29 to introduce the new Children and Youth initiative.

A Children and Youth Face to Face Event with Elder Gerrit W. Gong will be broadcast on Nov. 17.

Additional details will be posted between now and

January 2020 to Children and Youth.ChurchofJesusChrist.org.

The website is now available for stake presidents and bishops to help children and youth prepare for the new program and contains resources like introductory guides, a schedule and information explaining the similarities and differences between the new initiative and current programs.

The letter also said the Church will discontinue participation in current programs including Scouting, Personal Progress, Duty to God and Faith in God on Dec. 31.

"Young women who wish to receive the Young Womanhood Recognition, young men who wish to complete the Duty to God program and children who wish to complete the Faith in God program should complete the requirements before January 1, 2020. As an exception, if children or youth need additional time, the awards will be available to order until March 1, 2020. Anyone who wished to participate in Scouting may participate in Scouting groups in their local community."

The new Children and Youth program will be effective Jan. 1, 2020 in areas where members speak a variety of languages.



'Don't get too tan or Trump will deport you.'



READERS' FORUM

A nonmember's thoughts on religion classes at BYU

I wasn't prepared to be the ugly duckling at college. As a non-member attending a university owned by The Church of Jesus Christ of Latter-day Saints, it's hard not to feel like an outsider. I will never be able to have a conversation about waking up painfully early for seminary classes or having the biggest crush on the cute boy that one year at EFY.

My first day in The Eternal Family class started with a hymn and a prayer. Nothing out of the ordinary for most students — but for me? Weird and uncomfortable. Because I'm a part of the 1% of students that aren't members, every Monday and Wednesday morning, I'm reminded that, deep down, I'm not a part of this community.

Earlier in the year, I was told that I could talk to the BYU chaplain about religion courses specifically for non-members. My relief was short-lived; after calling the Chaplain, I discovered that BYU stopped providing said classes for non-members a few years ago.

The effort needed to provide a separate religion class for a tiny group of students may seem superfluous, but it will have a profound effect on students who aren't Church members — on me. While all my peers focus on becoming like our Heavenly Father, I fall behind because I'm not familiar with the principles taught in class. Even though one of BYU's goals is to "provide a caring environment that facilitates and fosters student success," you can only ask so many questions about "obvious" topics before you start holding the class back.

While the addition of religion classes for non-members may not affect a large number of students, it will allow us to deepen our studies, give us an opportunity to grow our faith and, maybe, be a part of this community one day, too.

—Lauren Stewart
San Clemente, California

Education for immigrant children

Children all across the world have dreams of having a good education. The United States is a country popularly assumed to be the right place to go to achieve a beneficial education. People from all across the globe see America as the "Land of the Free," so they desire to have a better life for themselves and their children. This results in immigrants from various portions of the world coming to the United States to live the American dream — specifically, on the borders of Mexico. I believe that children, regardless of their citizenship, should have the right to an education.

My grandparents moved to the United States from Mexico to look for a better life for themselves and their children. Although they came legally, they had to work hard to sustain them-

selves. Later, they had to come up with a way for their children to go to college. Moving from another country is not easy and preventing children, whether they be an illegal immigrant or not, from receiving a proper education isn't good.

I believe that immigrant children deserve the right to an education. Being in the younger generation and coming to the point of starting our own families, it is important that we make a change now. I propose to stop seeing illegal immigrant children as criminals and start seeing them as kids who want to start a good life for themselves by using education as a positive resource to be able to reach their dreams.

—Karina Miranda
Las Vegas, Nevada

Credit where credit isn't due

Imagine what a bright-minded 21-year-old could do with 240 hours and \$11,240. This is what every BYU student spends to fulfill their general education courses, begging the question: is it worth it?

As a BYU student, I have had multiple conversations with fellow students about general education courses. We usually agree that 60 credits of non-major courses is excessive. Several majors here require 100 credits or more. Many students, including myself, will take five years to graduate from BYU due to the course load of such rigorous degrees. An extra 60 credits is extremely taxing for students and might impede their success.

I understand there are benefits to requiring courses in all subjects. Many students enter college without declaring a major and need to explore their options. However, this is not the case for everyone. There are thousands of students who took parallel classes in high school, decided on a major before entering college, or are anxious to get a degree as soon as possible. For these students, general classes can be a waste of time and money and keep them from starting careers in their fields.

Remember, the reason for college is to learn. A student's desire affects how well they learn; when someone wants to learn, they learn at a higher level. When someone is forced to learn something, the learning is less effective. General education courses often force students to be taught what they don't want to learn, causing minimal learning at a high cost.

I am not saying we should get rid of mandated general courses, but I believe we should decrease the number of required general classes. There is only so much time in one day, and only so much money in a college student's wallet. Let's be effective in our use of time and money by having administration reduce the number of general education courses and improve our learning.

—Brayden Wright
Grand Junction, Colorado

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

@tashalynne19

Member of stake presidency: "We want people to get to know others outside their own wards. We need more cross-pollination going on... Wait, that's probably not the best word to use." Umm, ya think?! @HeardAtBYU

@redheadedsinger

I'm making a BUDGET because I'm an ADULT and I obviously want to make myself cry because life is EXPENSIVE.

@poetickate

reaches the valley and sees a giant costco brigham young: this is the place

@nihilists4jesus

I'm pro trek mostly because I think it's weird and harmless and teenagers deserve to spend a few days sweating and pushing things up hills for no reason

@ku_hailey

Sad that missionaries so often forget to teach the most IMPORTANT step of repentance which is singing "All These Things That I've Done" by the Killers at the top of ur lungs driving 80 mph down the freeway

@CartilePatrick

@HeardAtBYU "I swipe down on mutual because I want them to be happy..."

@ellirayebarry

Someone just told me they couldn't talk to me because I still said the "m**** word" and yes if you're wondering that word is Mormon and yes she really bleeped it out like that

@BYUBrochacho

@HeardAtBYU "AC/DC? Is that the band that sings Highway to Heck?"

@alexathe_great

Me: I can't manage my money, I don't even know what I'm buying, but I don't have money

My therapist: okay open your bank record, let's look

Me: wait no i-

@VainHarriet

My bishop: There are a bunch of goats out just down the street from our church. It's perfect if you want to get a goat selfie!

Me: No way! That's amazing!

My bishop: *shows me a picture of his goat selfie

@HeardAtBYU

@KaitlynAdams

Like "They'll give you the shirt off their back" but it's "They'll give you the hair tie off their wrist."

@basicprovobro

set my age range on mutual to 30+ just cuz

@ericnjackson

I am all for families welcoming their missionaries home but when you hire a mariachi band to come to the airport, you've gone too far.

@KalanisCalves

A ward member just walked in to Sunday school with a 44 oz soda from the gas station. I feel like he's winning at life.

@hilary_ann_

What if Brigham Young really just said, "This is a place" and we all misheard him

@Dan_TheSwede

"You say I'm hopelessly romantic, I say romantically hopeless."

@ByCommonConsent

Pioneer (pushing obscenely heavy handcart across the desolate plains): I sure hope my descendants do this, but for no reason

@molly_moo_who

Provo bros always evolve into summersales bros because their only marketable skills are:

- knocking on doors
- offering people things they don't want

@B_Farr

Overheard at BYU

"You know how when you get back from your mission every girl wants you, that's what it was like after I shaved my mustache"

@MakelleFarr

Overheard at BYU:

I knew she'd say no to a date, so I invited her to go to sacrament mtg with me

@AdamDurfee

I just walked by the BYU duck pond and overheard two girls having a moderately heated argument about whether two particular ducks were friends or not.

@emma_lou_98

Today I overheard some girl saying "I need a Prince to come to BYU disguised as a commoner, and for him to fall in love with me and take me back to Genovia to be his Queen. Is that too much to ask?" and I felt that

Tweets are unedited

OPINION OUTPOST

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

Xenophobia

Donald Trump has chosen to ground his politics and his presidency in fomenting racial hatred. That is the meaning of the chant of "Send her back!" An arena full of President Trump's supporters roared those words after Mr. Trump aimed their animosity at Representative Ilhan Omar.

The president is looking to conjure a zero-sum vision of America in which whites must contend against nonwhites for jobs, wealth, safety and citizenship. He thinks this approach will win him another four years in the White House. The pain he is causing are all too real. The damage he is doing will take years to undo.

—Editorial Board
The New York Times

Minimum wage increase

It's been a decade since workers earning the federal minimum wage got a raise. Even if the current \$7.25 an hour sounded like decent pay in 2009, it's woefully insufficient today for anyone working full-time. Congress should raise the minimum wage as one step toward lifting working people out of poverty.

The only question is how far it should go. Even with the recognition that the federal minimum wage is too low, there still needs to be more discussion about how to raise it in the manner that helps the most workers with the fewest negative impacts.

—Editorial Board
Los Angeles Times

Healthcare

It says something about the state of the two major political

parties that, while Washington was focused on President Trump's racist tweets and his strategy to divide for political advantage, Democratic presidential candidates were engaged in a debate about the future of health care. No matter how you feel about Joe Biden's plan to build on Obamacare or Bernie Sanders's Medicare-for-all proposal, the Democratic field has already far surpassed Mr. Trump in seriousness.

Of course, you get only so many points for effort. Substance is key — and while some of the plans are prudently progressive, others are ideological flights of fancy.

—Editorial Board
The Washington Post

Hunger in rural Utah

Summer lunch programs, aimed at children who get free

school lunch during the school year, are well established along the Wasatch Front, but in Utah's hinterlands, summer lunch programs are scarce.

That's unfortunate because rural Utah has a higher percentage of kids who need these programs. Seven counties have no place for a kid to get a free meal. That includes a three-county swath of southern Utah — Wayne, Garfield and Kane — where about one in seven kids is food insecure.

Rural Utah has been missing

out on the state's boom times. If we want the next generation of rural Utahns to do better, we better get them fed.

—Editorial Board
The Salt Lake Tribune

National deficit

One thing was conspicuous by its absence in the first Democratic presidential debates. No one talked about the nation's mounting debt or about any plans to reduce growing annual deficits.

—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 Karina Andrew can be reached at universe.ideas@gmail.com.

Coach Dave Rose, Team Fredette prepare for The Basketball Tournament

By AARON FITZNER

Former men's basketball coach Dave Rose may have retired from BYU, but the Cougars still found their way back to him.

Rose will again be a bench boss as he takes on the role of coaching Team Fredette in The Basketball Tournament, an upcoming tournament with a \$2 million dollar winner-take-all purse. The first round will take place in eight cities across the United States and feature 64 teams, with the first games in Salt Lake City scheduled for July 25. Any professional basketball player from around the world is permitted to play in the event, as long as they are not on an NBA contract.

Rose was approached by Jimmer and TJ Fredette about coaching Team Fredette, an offer he said he couldn't refuse after checking his calendar and noticing he had yet to schedule anything on the days that the tournament would be played.

Rose will coach Team Fredette alongside Jimmer, who recently signed a professional contract with Panathinaikos in Greece, along with TJ and BYU Hawaii alum Paul Peterson. The team has yet to have any practices, though Rose didn't seem to be too concerned about the state of the team.

"I think these guys all understand that spacing is the key to be able to score, and we'll figure out the best way that we can find space for the scorers," Rose said. "I don't think it'll be real complicated."



Elliott Miller

Former BYU basketball coach Dave Rose will return to the court as a coach for Team Fredette in The Basketball Tournament.

Jimmer won't be the only familiar face for Rose as Team Fredette will also feature Tyler Haws, BYU's leader in career points scored. Haws comes to the team after playing professionally in Spain, Poland and Canada. Despite

the lack of practices as a team, Haws shares a laid-back attitude with Rose, and said having everyone on the same page will be the toughest task, but that's a task every team must face.

Rose compared coaching Team

Fredette to a team he coached during the 2011 NBA lockout. At the time, Jimmer and NBA superstar Kawhi Leonard assembled an "All-Star Game" that took place in the Marriott Center on Sept. 22, 2011. Jimmer and Leonard

had both been drafted in that year's NBA draft — 10th and 15th, respectively — and decided they would create a game to showcase young talent.

"I coached Jimmer's team and Steve Fisher coached Kawhi's team and that's about what it feels like," Rose laughed. "It's got about that much attention."

The game featured many future NBA players, including Leonard, Kemba Walker, Tobias Harris, Isaiah Thomas, Kenneth Faried and Bismack Biyombo. Rose coached Team Jimmer, and compared this to where he currently finds himself because of the similarity of having a team of unfamiliar players playing in a game with little preparation.

Aside from coaching Team Fredette in the tournament, Rose has still been able to keep himself busy. Though the tasks in his life have changed, the business of his schedule hasn't, and the general feel of his life has stayed the same despite not coaching full time. Rose is keeping his eyes on Panathinaikos' and Barcelona's schedules in hopes that he can see Jimmer and another former BYU basketball star, Brandon Davies, when they play one another in the EuroLeague.

There was a lot of speculation surrounding Jimmer's status for The Basketball Tournament now that he is no longer on a contract with a NBA team, but Haws and Rose both think Jimmer will just take on the coaching role for Team Fredette, not a player role. With a newly signed contract with Panathinaikos, it seems as if Jimmer is wanting to play it safe by staying on the sidelines and not risking injury.

Comparing rival offensive lines — BYU, Utah, Utah State and Boise State

By AARON FITZNER

Four rival schools, BYU, Utah, Utah State and Boise State, have elite quarterbacks and running backs, but in front of every great running back and quarterback are five players that make up an offensive line — perhaps the most important piece to running a smooth offense.

Each university bolsters an offensive line with unique strengths of their own — Utah State's ability to avoid the sack, Utah's size, BYU's promise and Boise State's experience.

The Cougars are bringing back three linemen that started every game last season — Brady Christensen, James Empey and Tristen Hoge. Empey and Christensen are both coming off strong 2018 freshman campaigns for BYU, and Empey was placed on the nation's Freshman All-American team. Hoge, a transfer from Notre Dame, comes into his second year playing for BYU with a resume that boasts top recognitions — former U.S. All-American Army Bowl participant and No. 1 ranked center in the 2015 recruiting class.

"I want to be a dominant player this year," Hoge said. "One thing with that is consistency, but also being physically imposing on the field."

Kieffer Longson and Harrison LaChance could join these three upfront. It is difficult to know who will round out the starting offensive line because of the Cougars' strength in depth upfront, but these two are a likely pairing. Between the two of them, they have 15 games of experience with Longson starting three of those games. LaChance elected to redshirt his 2018 freshman season after playing in four games, but at 6-foot-8 and 305 pounds, he'll add much-needed size to an offensive line that ranks last among these four rivals in average weight.

This potential starting five has a 6-foot-6 average height and an average weight of 303 pounds and started in 42 combined games last season. The Cougars allowed 29 sacks in 2018 for a combined loss of 204 yards. Many of these sacks came before current quarterback Zach Wilson took over at the position.

"We have a lot of experienced guys coming back, and all of these guys have played, so they're coming back with knowledge and experience," Hodge said. "I think it bodes really well for us. We're a cohesive unit and we keep getting better."



Jaren Wilkey/BYU Photo

James Empey and the Cougars offensive line up against New Mexico State on Nov. 17, 2018. Every great running back and quarterback is supported by an offensive line and BYU, Utah, Utah State and Boise State each have their own unique and strong lines.

Utah is likely to return four starters who combined for 27 offensive line starts in 2018, but they lost three starters to the 2019 NFL draft during this offseason. Adding junior college star Bamidele "Bam" Olaseni to the line will bolster Utah's already strong unit. Olaseni was a four-star recruit and the No. 9 ranked junior college offensive tackle in the country before joining the Utes.

Utah's offensive line is a greater mystery than BYU's because several players are vying for a starting spot, but Nick Ford, Paul Toala, Orlando Umana and Darrin Paulo could be joining Olaseni. Sataoa Laumea is one of those players with a realistic chance of starting for Utah at some point, but given his lack of NCAA experience, it would be hard to place him above any of the other five players that could be starting right now. Laumea comes in as a four-star recruit and the No. 20 ranked guard in the 2019 recruiting class, according to 247sports.

The potential starting five for the Utes have a 6-foot-5 average height comparable to that of BYU's offensive line. The

difference in size, however, is shown in the line's weight — averaging 319 pounds, the Utes have the heaviest of the four offensive lines. Last season, Utah allowed 32 sacks, totalling 196 yards lost.

Since 2014, every offensive tackle that has started for the Utes has been drafted by an NFL team.

Utah State could face problems this season because of an extreme lack of experience on the offensive line. The Aggies saw three of their offensive linemen graduate last season, with graduates Roman Andrus and Robert Castaneda starting every game for the Aggies in 2018. Because of this, the Aggies offensive line will likely play three players who didn't start a game last season. The two remaining likely starters, Demytrick Ali'ifua and Alfred Edwards, started just 13 combined games in 2018.

Keeping quarterback Jordan Love healthy is a must for Utah State if it hopes to see a successful 2019 campaign. Luckily for the inexperienced Aggies offensive line, Love is known to

be a scrambler that doesn't need a lot of time in the pocket. Last year alone, the Aggies allowed only 10 sacks, losing just 70 total yards. This was in part because of a strong senior class of linemen, but also largely because of Love's quick feet and split-second reaction time. Though the Aggies' inexperience on the offensive line will likely be exposed at the beginning of the season, Love will likely help this unit look more experienced.

The Aggies potential offensive line has an average height of 6-foot-5 with an average weight of 304 pounds. Utah State's offensive line put up the best numbers of the four units last season.

Boise State is facing the exact opposite situation coming into the 2019 season. The Broncos are returning all five of their main starters from last season, with three of their returning linemen having started all 13 games. Of the two players that didn't start the entire season, John Ojukwu and Eric Quevedo, Quevedo missed three games to injury, and Ojukwu started the final seven games for the Broncos.

Ezra Cleveland, a likely early-round 2020 NFL Draft pick, is a huge name to watch for the Broncos. Cleveland was ranked seventh among offensive tackles by PFF College Football during his sophomore season.

The two remaining starters, John Molchon and Garrett Larson, both add athleticism to this star-studded offensive line. Molchon played basketball in high school, and Larson is a former Idaho state wrestling heavyweight division champion.

Boise State's starting five have an average height of 6-foot-5 and average weight of 311 pounds. Last season, Boise State allowed 32 sacks for a loss of 183 yards, but their quarterback, Brett Rypien, was voted the Mountain West Conference player of the year — in large part because of the offensive line.

Boise State appears to be the best offensive line on paper, and Utah State is likely to have the weakest of the four rivals. BYU should edge out Utah for the second spot based on experience and potential.



The Church of Jesus Christ of Latter-day Saints Newsroom
President Russell M. Nelson and his wife, Sister Wendy Nelson, speak with President and CEO of NAACP Derrick Johnson at the 110th NAACP annual convention in Detroit on July 21.

Prophet emphasizes 'all are alike unto God'

By RACHEL KEELER

President Russell M. Nelson of The Church of Jesus Christ of Latter-day Saints spoke to an assembly about the love for our neighbors at the 110th annual national convention of the National Association for the Advancement of Colored People (NAACP) on July 21 in Detroit.

President Nelson quoted 2 Nephi 26:33 from The Book of Mormon and emphasized that "all are alike unto God." He praised the members of the NAACP for striving to make this "heavenly truth an earthly reality."

President Nelson said everyone is connected and has been appointed a God-given responsibility to improve the lives of those around them, no matter what they look like or what they believe.

"If we have any hope of

reclaiming the goodwill and sense of humanity for which we yearn, it must begin with each of us, one person at a time," President Nelson said.

"True community begins with just such relationships; with loving our neighbor, with honoring and serving each other."

President Russell M. Nelson
President of The Church of Jesus Christ of Latter-day Saints

President Nelson recounted the story of when he hosted an influential pastor Reverend France Davis from the Calvary Baptist Church at a

performance of the Tabernacle Choir at Temple Square. Afterward, Reverend Davis hosted President and Sister Nelson at a Calvary Baptist Church to listen to their choir.

"True community begins with just such relationships; with loving our neighbor, with honoring and serving each other," said President Nelson. "This is the spirit behind the cooperation shared by the NAACP and The Church of Jesus Christ of Latter-day Saints."

President Nelson said he prays that the Church and the NAACP may continue to call each other friends and to further demonstrate the Lord's two great commandments — to love God and love each of His children.

"Arm in arm and shoulder to shoulder, may we strive to lift our brothers and sisters everywhere, in every way we can. This world will never be the same," President Nelson said.

The moon landing celebrated at BYU in 1969

By LAUREN LETHBRIDGE

On July 16, 1969, Apollo 11, carrying astronauts Buzz Aldrin, Neil Armstrong and Michael Collins, became the first space flight to land humans on the moon. It was monumental and iconic.

Months before, on March 3, Apollo 9 took off with three astronauts to test descent, ascent and if the spacecraft could be flown independently by its crew — all necessary for Apollo 11's mission.

BYU students in the BYU 24th Ward held a dance on campus March 15, 1969, to celebrate the upcoming moon landing.

The theme was "Fly Me To The Moon." Allan Morton was a junior studying geology at the time and said ward members made the murals hanging on the walls.

Morton sent the photos above to The Daily Universe, calling the dance "fond memories of an amazing time."



Allan Morton

Students set up and decorate for the dance in a building on campus on March 15, 1969. They chose the theme "Fly Me To The Moon" in honor of the upcoming moon landing.



Allan Morton

Four members of the BYU 24th ward dress up for the dance put together by their ward. The dance was their "Gold and Green Ball" and had a accompanying dinner.

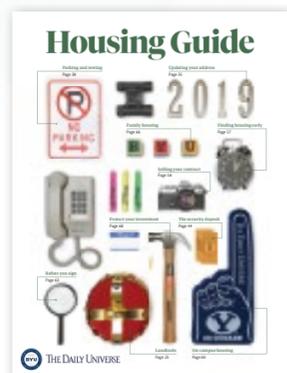


Allan Morton

Decorations for the event were set up on and around the walls of the room where the dance was held. Students made the decorations.

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