The photo, taken on June 8, 1972, often referred to as the Napalm Girl, was captured by Ut just as the Mekong Delta, Trang Bang Vietnam area was being bombed with napalm. Phuc, was running down Highway 1 from the small village in the Mekong Delta, right towards Ut and fellow photojournalists. There were women carrying babies and other school-aged children running toward Ut, but 9-year old Phuc was naked, running and screaming, "Too hot! Too hot!" Ut saw Phuc and realized that she had been critically burned by napalm. He and other photojournalists poured water on Phuc to ease her pain. Ut knew that if he didn’t get this little girl to a hospital quickly, she would die from her injuries. He took her along with others in his van, and they rushed to the nearest hospital. If not for the heroic action by Ut, Phuc’s life would have ended on that fateful day. Ut’s photo became an iconic image representing the horrors of war, and it influenced public opinion globally. He is appreciated and valued by many as one of the most highly praised photojournalists in the world covering the devastation and loss of life during the Vietnam war.

Continued on Pg. 2...

Misconceptions of $55 million building

By Karissa Lopez
Contributing Writer

Through the disrupting noise of the ongoing construction, students await the completion of the new structures. The new Center for Global Innovation Building costs $55 Million upon completion. The new building originally started as a smaller project focusing on English language students according to Tatiana Karamanova, dean of CSUSB’s College of Extended and Global Education and Vice President of International Education. "The project grew to accommodate not just the small group of international students, but to accommodate the needs of the campus," said Karamanova. CSUSB organized focus groups for students, faculty, and staff in order to fully grasp the needs of everyone for the new building. Karamanova raised the question of “What is important for you?” during these focus groups which led to the current design of the CGI building.

Since these focus groups not only involved students but also included faculty opinions interviewing the Faculty Senate on campus was a necessity. “If they’re going to spend this type of money that tells me it’s very very important to everyone involved,” said Myers when asked what she thought of the total cost of the CGI building.

Although the cost of the CGI building might be expensive some students do not mind the expansion of the campus even if it means raising their tuition to fund it.

Kris Hardin, a second-year student at the CSUSB campus, estimated the cost of the new CGI building at 50-75 million dollars and has no issue if his tuition is being used to fund the construction. He even referred to himself as a super liberal snowflake who does not mind his money being used to benefit the future. “I have no problem with my money being used to help expand opportunities,” said Hardin.

The focus groups results for the CGI construction listed the need for spaces such as home away from home and social place. “They wanted not just classroom space, but students really wanted to see a space where they could interact with others,” said Karamanova.

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Last Friday a fire broke out behind the Murillo Family Observatory on the north side of campus.

Though authorities have stated that they do not yet know the cause of the fire, the CSUSB alert system stated two people were detained.

Firefighters were able to react quickly and reach the brush fire via dirt access roads. The fire burned over 50 acres through light and medium brush. The rain over the weekend helped to contribute to the 100 percent containment that was achieved Monday afternoon.

The smoke plume appeared threatening from campus but the CSUSB alert system kept students at ease with clear messages that the fire was no threat to campus.
By Lorina Lemos
Staff Writer

Proposition 6 gains wide support as Californians seeks a gas tax repeal.

Prop 6 is a proposition making headway in the 2018 midterm elections. The proposition, if passed, will effectively remove the gas tax legislation that was signed into action by Gov. Jerry Brown of California on April 12, 2017.

On Nov. 1st, the gas tax increased gas prices by 12 cents to the gallon. This has come as a shock to many Californians who are already seeing increased prices for other everyday items such as food, gas, and home utility and electricity.

However, those hit the hardest by the gas tax have been commuters.

California is abundant with commuters, including those that travel a far distance to attend colleges and universities.

Students at California State University (CSU) report being directly affected by the gas tax and report increased financial instability as a result of increasing gas prices. However, although the gas tax has been somewhat burdensome to commuters, commuters have also complained about the roads and infrastructures they drive on.

The gas tax purpose is to fix the problems commuters face daily. The gas tax was originally implemented in hopes of decreasing road congestion, fix damaged bridges and roadways and minimizing construction zones and durations.

Unfortunately, Californians, including California State University, San Bernardino students feel discouraged by the lack of immediate change that has taken place this past year. Students are frustrated by the ever-growing congestion on Interstates and freeways, and can’t imagine the gas tax providing them any timely relief.

Steven deValdalen, a CSUSB student that regularly commutes to campus, believes the gas tax isn’t being used in the best ways possible.

“They’re not using the previous taxes appropriately… If they were, they’d be able to finish previous projects,” deValdalen said. He added that he would “like to know exactly where the money is going.”

Regardless of the backlash by commuters, California politicians have been actively campaigning against the passing of prop. 6.

They warn that the repeal of the gas tax will put Californians in a dangerous position, costing the state an estimated $5 billion in tax revenue.

Critics of prop 6 warn that crumbling infrastructure could seriously jeopardize commuter safety, potentially putting lives at risk.

However, many Californians realize that the gas tax unfairly and unproporionately affects the already struggling middle and lower classes. A large number of commuters travel to and from school and work because the cost of living in those areas is too costly.

Yet, people in the upper class and people who have a more disposable income to spend on gas, do not commute as much, or they have the resources to use more eco-friendly options like electric or hybrid cars.

Unfortunately electric and hybrid cars are still financially out of reach for the struggling middle class and poor, leaving them with no other option than to pay the gas tax.

It should also be noted that people with electric cars are not contributing to the infrastructure projects enacted by the gas tax because they do not require gas, despite being contributors of crumbling infrastructure.

Prop 6 gathered wide support as Californians seeks a gas tax repeal.
New Bid Day Sparks Excitement

By Alan Arreola
Contributing Writer

The Interfraternity Council team has presented a new concept for Bid Day at CSUSB involving the bidding process for fraternities on campus.

Until now, Bid Day has been confined to the yearly routine that each fraternity is accustomed to based on their own fraternal secrets and rituals in the past. This is the first time fraternities are involved in a Bid Day event at CSUSB.

During the first two weeks of every quarter, fraternities begin their recruiting process to bring in Potential New Members. The event is very similar to the Bid Day sororities host every quarter welcoming in their new members.

This event was held Oct. 5, 2018, in the lower commons during the last day of the rush week where the Potential New Members decide which fraternity/organization they will be joining in front of all the organizations.

Students including sorority members also stood on the sidelines viewing and supporting the very first fraternal Bid Day.

"I think it was a good idea because our Greek system as a whole is getting smaller giving us the opportunity to see and experience part of the rush process of the fraternities," said Halle Ramirez, current member of a sorority at CSUSB.

"[It] hype up both the active chapter as well as the new members! They were able to claim the chapter they chose to join as their new group is cheering and screaming! I felt like it was a very positive, fun, and exciting experience." said Vanessa Mendoza, CSUSB sorority alumni.

Six fraternities in total participated in this event. Each welcoming their own respective number of PNMs per organization.

This event was to promote and better the Greek community at CSUSB by uniting all of the fraternities into one area and sharing the experiences of welcoming their new members into their organization.

CSUSB has been stressing the unity of the Greek community supporting and helping each other to better Greek life.

For years the Interfraternity Council (IFC) has tried to impose this idea of Bid Day but have been denied ever since.

In addition, this is the first year the event is hosted amongst IFC. This event begins the process for each fraternity for their organizations to welcome and initiate its new members. New members have joined the council and spiraled many new ideas including the Bid Day event.

“The idea came about during an IFC meeting with the current council and the presidents from each organization. We came to a consensus that this year needed to be different, so we started to research other IFC on other campuses and create something that could work here,” said Andy Meza, IFC Vice President.

Meza reflects on the success of the first event of its kind at CSUSB thanks to...

Continued online @ CoyoteChronicle.net

Fontana: Developing or Declining

By Karina Rodarte
Contributing Writer

In the acts of recovering this fallen city, Fontana has become one of the most booming cities in California. Its projects, for example, Pacific Electric Trail, the Lewis Library and Technology, and even homes and apartments have caught the attention of locals and others too.

Fontana’s history in crime, damaged roads, and underdeveloped living arrangements made a surprising disappearance throughout the decades.

“We’ve gone from being a laughing stock of San Bernardino County to being a standard of San Bernardino County,” says City Manager, Kenneth Hunt.

Hunt explains the roller-coaster Fontana has gone through to get to where it is today.

“We’re no longer facing financial ruin ½ we’re now in a situation where we have surplus,” Hunt says.

Declining of the city fell into action during the bankruptcy of the Kaiser Steel Plant in the late 1980’s. Half of the plant was demolished and sold to the Chinese government, and the empty lot became what is known as the Auto Club Speedway.

As City Council member and resident since childhood, Amy Colbrunn describes the beginning of Fontana’s failure. “Recession happened in the early 90’s, a lot of people lost their jobs,” Colbrunn explains.

Since then, Fontana struggled financially and economically.

According to the Fontana Demographics Database from the Neighborhood Scout, Fontana has grown out of that.

Since then, the city has increased in home value and crime is at its all-time low. With home value increasing in over 28%, it has eventually ranked Fontana a spot in the top 20% for its real estate accomplishments nationally.

“We’re a big place, it creates a lot of challenges and things, I don’t say it’s an easy thing to deal with,” explains Hunt.

The population has increased dramatically since the 1980’s. In the 1990’s, Fontana became populated with over 87,000 then doubling in size in the late 2000’s, with a population of 196,000.

Fontana is now a home to over 209,000 people and continues to grow every day.

Correspondingly, its community looks like it hasn’t grown only in population and real estate. The city’s crime has also dropped tremendously.

“It was a tough town,” Hunt recalls. “We were the San Bernadino of that era.” Fontana has become safer than 24% of U.S. cities. According to the Neighborhood Scout on Fontana’s Crime demographics, it claims that 1 in 236 people would be a victim in a violent crime when compared to an overall in California where it is 1 in every 225 people.

Local resident, Adrianna Hernandez, says “My garage used to always be broken into when I first moved here. But since then I don’t really have issues”.

Burglary is no surprise to any city. Fontana has some more improvement to do before its considered perfect.

Another Fontana resident, Clarissa Serrano, shares, “It’s not Beverly Hills but it’s good enough.”

The city’s newest additions such as its upcoming museum and its oldest treasure such as the theatre, Steelworkers Auditorium, has changed the way Fontana is represented.

From the Fontana Days Parade to its Arts and Entertainment classes, Fontana demonstrates that it is the city of a strong community and will continue work in efforts of keeping the city at its standard.

“We’ve been recognized as being one of the [most] innovat-ed cities,” Kenneth Hunt says.

Fontana plans to build more apartments and more facilities for its locals to enjoy. The City also plans to improve their traffic signals and road construction.

This city continues to work past its struggles and encourage its community and others that its modern, clean, vibrant, and connected.
Center for Global Innovation

...Continued from Pg. 1

Ole, a student from Nigeria also commented on-campus construction and compared it to that of his native country. Ole reflects on how loud construction is back in Nigeria due to workers constant yelling compared to the CSUSB’s workers.

“In Nigeria, they would increase school fees even if it is just a new toilet there will be an increase in school fees,” said Ole when asked if raising tuition to increase in school fees, “just a new toilet there will be an increase in school fees.”

He described that his fees for college back in Nigeria would increase even if there were no new additions to the campus.

“If there is an increase in school fees there should be something to show for it,” said Ole.

Students can rest easy when campus because a common misconception that our tuition helps fund these projects was debunked by Karmanova when asked how the CGI building was funded.

“The College of Extended Learning is a self-support unit. We had to demonstrate to the chancellor before they approved the building that we had money to pay for it,” said Karmanova.

Karmanova even compared to paying for the building like a house. The College of Extended Learning had to put a down payment and will be making payments until it is paid off.

In the past couple of year’s construction has been prevalent on the CSUSB campus.

CSUSB has recently completed numerous projects from the library stairs, the new commons, piping all around campus, the new student dorms, however, one project is still not finished after breaking ground in December of 2017.

The CGI building was first estimated to be a 20,000 square foot building and ultimately grew to a 71,000 square foot building that will house 24 classrooms, faculty offices, and a 250 seat auditorium for guest lectures and various events.

The CGI project grew because the campus was deciding its “master plan” for the entire CSUSB campus according to Karmanova. The master plan showed the need for all students to have more space.

Although student Kris Hardin is all for expansion of the campus he commented on how he wishes the school would use money to renovate University Hall, a building he described as one of the most run-down on campus.

Love shouldn’t hurt for teens

By Yesica Gonzalez
Comm. Features Reporter

Adults are often oblivious that teenagers may experience dating violence.

Dating violence is defined as a physical, sexual or emotional hostility situation occurring within a relationship.

During high school, teenagers start dating without being well educated on what domestic violence is or when it is happening.

The lack of proper education can emotionally or physically affect teenagers in the long run.

Marina Rodriguez, an advocate for survivors of abuse, shares reasons why it takes a longer time for teenagers to recognize abuse.

“It really depends on the resources and if their high school or middle school have a partnership with their local domestic violence agency,” said Rodriguez. “Most parents don’t formally sit down and talk about it or have formal education about it. I’ve even heard of students who see the healthy relationship in their parents, so they didn’t recognize the signs because they never seen it before.”

According to Rodriguez, the rate of dating violence is higher among teenagers with at least one out of three relationships.

Where as with adults, it is typically one in four.

University student, Daisy Choudary shares that during high school, she wasn’t exposed to much domestic violence awareness.

“Not really, there were counselors that noticed students and would try to reach out to them, but someone reaching out for help, not as much,” said Choudary.

Majority of the hostile dating situations happens in teen years and victims don’t seek out the help they need until their twenties.

While working at House of Ruth, a non-profit organization that aids victims of domestic abuse, Rodriguez noticed that the average domestic violence relationship was about six years, starting in their adolescence, before speaking to someone about it.

As a former victim, Choudary shared that she felt as if there wasn’t many options for change.

“For me, when I was in that position, I would box in. I would have gone and talk instead of staying in that relationship, but sometimes we go for help when the situation becomes really bad,” said Choudary.

When it comes to helping out or watching out for signs in either teens or adults, there are characteristics in domestic violence that are incredibly specific.

“It’s really about power and control. If a person is feelings that their partner is trying to control them in any way, that would be the biggest warning sign. Manipulation tools like jealousy, is a major piece of control. For teenagers, they think jealousy means love,” shared Rodriguez.

When it comes to our culture, the red flags become confusing due to movies displaying the situation of someone who is really jealous as an indication of love.

When a person is shown bugging their crush for a date in a film or television show, it is interpret as the person caring for their interest, but in reality it’s known to be stalking.

Messages like these that are found in the media, teaches that abuse is love and passes it onto their audience that soaks it in.

When a loved one, a friend or anyone that feels like they can’t make their own decisions, feels guilty for living their own lives during a relationship, this is another sign that there is something is off.

Every individual should be in control of their own lives, even when it comes to being in a relationship.

“If the person has a partner who is healthy and safe, they are more as a cheerleader. Whatever their goals are, their partner would support them through that saying they have your back and vice versa,” said Rodriguez.

Love shouldn’t hurt for teens.
Fontana Celebrates Hispanic Heritage Month

By Ana Tapia
Copy Editor

Residents of Fontana gathered at Miller Park Amphitheater for La Gran Fiesta on Oct. 6th to celebrate Hispanic Heritage Month. The event was free and open to the public.

California is a highly diverse state and many people of diverse backgrounds attended the event with their friends and families. Guests of the event were able to enjoy various styles of Spanish music and live entertainment from Como La Flor Band: A Tribute to Selena, Orgullo Mexicano Folk Ballet, Evie Dance Studio, and Marimba Tropical.

Local artists from various areas in southern California were at the event to display and sell their art inspired by Latino culture.

Francisco (Frankie) Castillo, a local, mixed media artist, uses these mediums to create urban expressionism and abstract art for viewers and clients.

“I’m from Guadalajara, Jalisco but raised in Anaheim, California since I was three years old. I love Anaheim, but my blood is Azteca,” Castillo said. “You can see my passion in my artwork.”

Another artist, Julio Jimenez, was at the event creating an anamorphic 3D mural for guests to watch and as a gift to the City of Fontana in honor of Hispanic Heritage Month. Anamorphic 3D is the illusion created from a one point perspective through which people use cameras on a technological device to see the piece properly.

“The theme of the event influenced what kind of imagery I can share here with the city of Fontana,” Jimenez said. “I came up with an Aztec statue of an acrobat and it looked like it was enthusiastically looking down at something, so I decided to be a little playful and add something that modern society can relate to like an iPad.”

Aside from artisanal shopping, the event also provided interactive art exhibits, play zones for children, and authentic food vendors throughout.

Local Fontana resident, Brandi Peters, was present at the event with her family. “We live in Fontana like just around the block, so we enjoy coming out every time there’s an event here,” Peters said. “I enjoy eating food and want to see what else is going on.”

The performers and artists greatly expressed their appreciation of their Latin roots. Mariella Romero, a folkloric dancer in a Folklorico Club at Fontana High School, explained what Hispanic Heritage Month meant to her.

“It means to embrace your quaint ancestry and all they great things they’ve done and to respect your culture, to live it on and keep it going.” Aztec performer, Oscar Hernandez said.

Apart from the celebration and entertainment, La Gran Fiesta is also a learning experience that teaches guests more about Hispanic culture.

“Well I’m not Hispanic but I enjoy learning about other cultures, so I would come out to anything just to learn about other cultures and have my son exposed to different cultures as well,” said Peters.

Alpha Delta Pi’s Hazing Prevention Week

By Alejandra Jimenez
Staff Writer

Hazing is often used to ‘initiate’ someone into a group or team and is supposed to be a fun way to include new members. But often times it is humiliating and those involved have to perform dangerous tasks. Since 1969 there has been at least one university hazing-related death per year.

On September 17, 2017, Alpha Delta Pi Alumna sister, Rae Ann Guver lost her son, Max Guver, due to a tragic hazing incident. Max Guver was only 29 days into his college career at Louisiana State University before passing. Following the incident, the Guver family established The Max Guver Foundation to spread awareness and try to bring an end to hazing. The non-profit foundation strongly believes hazing has no place on a college campus.

For Hazing Prevention week, Alpha Delta Pi partnered with The Max Guver Foundation to raise awareness directly on college campuses. Their week-long event consisted of table- ing in front of the Santos Manuel Student Union and having students go over to sign a pledge card stating that they would take their part in “#Stop the hazing, #Fly High Max” and leave their handprint on a poster.

A good question to ask is ‘why is hazing still so popular among not only the Greek community but also other sports and clubs, knowing that it can lead to someone getting injured’.

“I personally believe it’s an intimidation factors. And welcoming rather than full of fear. The impact. Joining a group should be something that should be fun and welcoming rather than full of intimidation factors.”

The theme of the event is meant to remember and respect your culture, to live it on and keep it going,” Cayetano added.

Overall, for some, the month is meant to remember and respect your ancestry.

“This month is meant to celebrate your ancestry and all they great things they’ve done and to respect your culture, to live it on and keep it going.” Aztec performer, Oscar Hernandez said.

Apart from the celebration and entertainment, La Gran Fiesta is also a learning experience that teaches guests more about Hispanic culture.

“Well I’m not Hispanic but I enjoy learning about other cultures, so I would come out to anything just to learn about other cultures and have my son exposed to different cultures as well,” said Peters.
By Noah Simon  
Staff writer

Starting the 2018 season ranked No. 11 in the nation, the CSUSB women’s volleyball team is now ranked No. 1. Last year’s season-ender against No. 21-ranked Florida Southern in the NCAA quarterfinals was nothing short of an unbelievable year for the California State University San Bernardino Women’s Volleyball team, but for them it was yet another reason to come back stronger than ever for the upcoming season.

They started the season sweeping both Metropolitan State University of Denver and Fresno Pacific University. They then went on to beat Seattle Pacific University in the Falcon-Wildcat Invitational volleyball tournament.

Key players such as senior Hailey Jackson, junior Sascha Dominique and senior Jayann DeHoog have been a tremendous help to the Coyote’s success for the beginning of the season.

With a blink of an eye, the Women’s Volleyball Team has sprung to the #1 ranked women’s volleyball team in the nation having defeating Cal Poly Pomona (No. 25), California State University Los Angeles (No. 16) and improving their record to 9-0 in California Collegiate Athletic Association (CCAA) and 16-1 overall after a 12-match winning streak.

Setter Jayann DeHoog states, “the team is more determined and confident than ever. Every single girl on this team is bought into what we are striving for, and is consistently pushing each other both on and off the court.”

Some players are hurt and unfortunately to miss the season because of injuries. Junior Kaili Scott says, “although it is tough not being out there and helping the team out on the court, I still do everything I can to support them. I make sure I still push everyone and show them that with a blown-out knee, if I can still put in the work each and every day, they can too. I make sure that I am the loudest on the sideline and give the positivity and energy that we need from set 1 all the way through till the last point of set number 5.”

Certainly we can give much of the credit to the girls playing their hearts out on the court, but they would not be the team they are without their coaches, head coach Kim Cherniss, assistant coach Mike Gutierrez and assistant head coach Danny Scott.

With just five games left in the season, these girls continue to perform and get better and stronger every week and have one thing on their mind, and that is to end this season as the Division II National Champions.

By Dr. Christian Scott  
Assistant Director of Athletics

Women’s Soccer: Danny Ortiz leading by example.  
Danny Ortiz, the Cal State San Bernardino’s top goal scorer has once again been selected as CCAA Player of the Week for Oct. 1-7.

Ortiz, from El Paso, Tex., scored two goals with three assists, and had a part of all five scoring plays for the Coyotes on the pair of weekend road shutouts at Humboldt State and Sonoma State. Overall, Ortiz has assisted or scored in 18 of Cal State San Bernardino’s 26 goals. He currently rates second nationally in assists per game (1.0) and 18th in points per game (2.27). This is Ortiz second player of the week honor.

Next up, the Coyotes host national No. 1 UC San Diego Friday at 3:00pm.

Men’s Soccer: Gabby Evaristo continues hot season.

With a pair of goals in a road victory, Cal State San Bernardino’s Gabby Evaristo has earned CCAA Player of the Week for the Week of Oct. 1-7.

Evaristo, a senior from San Diego, scored both of the Coyotes’ goals in a 2-1 win at Humboldt State. After netting a pair over the weekend, Evaristo now stands as Cal State San Bernardino’s second leading scorer with three goals on the season on just 10 shots. This marks Evaristo’s first career weekly honor.

Men’s Soccer—Danny Ortiz leading by example.

Ortiz, from El Paso, Tex., scored two goals with three assists, and had a part of all five scoring plays for the Coyotes on the pair of weekend road shutouts at Humboldt State and Sonoma State. Overall, Ortiz has assisted or scored in 18 of Cal State San Bernardino’s 26 goals. He currently rates second nationally in assists per game (1.0) and 18th in points per game (2.27). This is Ortiz second player of the week honor for Ortiz.

Sascha Dominique and Asia Clarke attempt to block an incoming hit from Cal Poly Pomona.

Volleyball Captain wins national award.

Jayanna DeHoog was selected as the Hero Sports NCAA Division II Volleyball Player of the Week, following her impressive performances last week for the No. 1 CSU San Bernardino Coyotes.

On the week, she led the No. 1 team in the nation to two road wins, averaging 12.88 assists per set and 4.12 digs per set. She recorded a career-high 21 digs against UC San Diego and her 65 assists in that match were a match-high in the CCAA this season, eighth all-time at CSUSB, and just six short of the team-high in the CCAA this year. She added 38 assists against CSU San Marcos to go with 12 digs for two double-doubles on the week.

“The outpouring of love and support I received from the entire university was incredible,” Jayann DeHoog said. “I had professors sending out emails to their classes and it means so much to me that everyone rallied to support me.”

Despite not being voted the conference player of the week in the CCAA, DeHoog won the national award by a margin of 77 votes with a vote total of 1,205.

She will carry the award into the conference tournament.

Upcoming Fixtures:

Women’s Volleyball:  
Oct. 19 vs SF State  
Oct. 20 vs CSUMB  
Oct. 26 vs CSUHB  
Oct. 27 vs CSULA  
Nov. 3 at CSUMB

Men’s Soccer:  
Oct. 19 vs CSUSB  
Oct. 21 vs CSUMB  
Oct. 25 vs CSUSD  
Oct. 27 vs CSULA

Women’s Soccer:  
Oct. 19 vs CSUSB  
Oct. 21 vs CSUMB  
Oct. 25 vs CSUHB  
Oct. 27 vs CSULA

The Coyotes host national No. 1 UC San Diego Friday at 3:00 pm.

Photo courtesy of CSUSB Athletics

Senior forward, Alyssa Campa, looks downfield while dribbling passed her opponents.
Though the deep creep may sound like a horror film, it is quite the contrary. It describes a seismic discovery that shakes up current earthquake prediction models and impacts the lives of every person in the Southern California region.

The deep creep constitutes the thousands of small earthquakes that occur 6 miles below us in the San Bernardino basin. The deep creep was discussed in Newsweek last month as they reviewed a research study published in the Geophysical Research Letters. Researchers emphatically state scientists should not use information produced by small earthquakes near San Andreas (SAf) and San Jacinto faults (SJf) to forecast major earthquakes.

Dr. Fryxell, Professor of Geology at CSUSB, addressed this current research in an interview on this topic.

Q. Dr. Fryxell, can you share your thoughts on how this vertical movement happens in the San Bernardino area?

A. The top 8-10 miles of the crust of the earth, is generally cold and brittle rather than malleable. Imagine pressure pushing on a brittle surface; when the energy builds up and finally releases, the surface can crack or break, and the movement created can be vertical.

At greater depths, more than 10 miles below the surface, the rocks are warmer, so they behave more like cookie dough, which is malleable, so they do not store stress but are more flexible. The two faults are not quite parallel, and behave differently, as one is continually moving at depths greater than 6 miles (SJf), while the other locked to depths of 12 miles (SAf).

The findings of this study demonstrate that the many small earthquakes that occur regularly adjacent to and between faults can have a different style of deformation than the large ground rupturing earthquakes produced along active faults, thus the challenge of forecasting major earthquakes is increased.

Q. Moving on to basic safety concepts that we should employ on campus relative to earthquake preparedness – what is your advice should a major earthquake occur while classes are in session?

A. The timing of this interview is very good since the Great California Shakeout will be held at CSUSB on October 18 at 10:18 a.m.

Basic safety precautions will be discussed by faculty in each of the classrooms and lecture halls. Duck and cover when possible; and the most important safety precaution we can each employ is to have access to drinkable water in our homes, workplace and car.

At home, you should have enough water to sustain each person for 4-5 days should a major event happen – keep in mind, it is not if a major earthquake will occur in our region, but when.

Continued online @ CoyoteChronicle.net

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Redlands Passenger Rail Project

By Christopher Nuenkaw-harris
Staff Writer

San Bernardino County’s public transportation is growing. Furthermore, San Bernardino County Transit Authority (SBCTA) is extending rail service east towards Redlands.

A new rail project on the horizon is called Redlands Passenger Rail Project. Redlands Passenger Rail Project is a new 9-mile rail service connecting University of Redlands to San Bernardino Transit Center using the old Union Pacific Freight Line.

The new rail service is designed to include five new stations connecting Redlands to Metrolink at Metrolink, Mountain Transit, Omnitrans, Pass Transit, Riverside Transit Agency, and Victor Valley Transit.

The five stations planned are San Bernardino Transit Center, Tippecanoe Ave. Station, New York St. Station, Downtown Redlands Station, and the University of Redlands Station.

The new rail service, “Arrow Service,” is operated by Omnitrans.

Redlands Passenger Rail Project will begin construction on the mainline in early 2019 and service will operate in mid-2021.

The rail service will serve up to 25 round trips between San Bernardino Transit Center and the University of Redlands. With the population growing, vehicle transportation will increase in surrounding areas and freeways. This creates congestion within roads and highways which decreases air quality in the surrounding regions.

SBCTA is developing the Arrow Service to provide more options for residents to travel around San Bernardino.

The project was influenced by California multimodal transportation to have different transit travel systems: pedestrian, bikes, cars, transit buses, rail, ferries, and air.

This will provide jobs during and after construction as well as create potential business opportunities to grow along with the rail project.

The locomotive units SBCTA and Omnitrans intend to use Diesel Multiple Units (DMUs).

DMUs run on cleaner energy, produce less air pollution, less noise and are smaller compared to standard locomotive hauled coaches such as Metrolink.

It would be costly for Metrolink to extend its service from San Bernardino Transit Center towards Redlands; as a result, SBCTA conducted research for more efficient trains.

In the future, DMUs can change out their diesel engine to a zero-emission energy source.

“One of the most exciting things coming out of the Redlands Passenger Rail Project is a state grant for $30 million dollars that SBCTA received to buy an additional vehicle core DMU, conduct research and development to transition that vehicle from being a diesel power generated vehicle to zero/near zero emission train. We will be progressing that work simultaneously while the construction of Redlands Rail Project is ongoing,” said SBCTA Director of Transit and Rail Carrie Schindler.

The SBCTA will have Positive Train Control (PTC) on the Arrow Service. PTC is a computer-monitoring system which monitors the train speeds and distance between trains and signals, which adds more safety throughout the system.

The Arrow Service will be running on the same tracks as Metrolink. They are required to install PTC on their rails and trains.

Arrow Service will have quiet zones around the railroad crossings. This means the train will not sound off its horn at every crossing unless it is an emergency.

“We have designed the corridor to include quiet zones so each of the cities that are along the alignment will adopt a quiet zone ordinance. What the quiet zone refers to the train typically have to sound its horn at every crossing so this requirement will be alleviated on the Arrow Service. The trains will not sound off its horn at every crossing because there will be improvements safety enhancements along all rail crossing,” said SBCTA Chief of Transit & Rail Programs Andres Ramirez.

The project is estimated to cost $290.5 million of which includes different components from construction, designs, environment, DMUs and acquiring properties.

The operation and maintenance cost after the system is fully constructed would be between $8 million to $10 Million.

Redlands Passenger Rail Project is another public transportation service that will be added to the San Bernardino county’s mass transit system.

This new service will extend rail service east traveling from San Bernardino Transit Center to the University of Redlands, serving more communities.

Redland Passenger Rail Project is a progressive regional transportation project that will add more options for residents, tourists and businesses to travel around San Bernardino and its surrounding cities.

San Bernardino County Transit Authority (SBCTA) is extending rail service east towards Redlands. The Arrow Service is going to provide jobs and improve the economy, DMUs and acquiring properties.

The operation and maintenance cost after the system is fully constructed would be between $8 million to $10 Million.

The 9-mile long rail between San Bernardino Transit Center and Redlands.

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SBCTA's render of New York Street's station design. 

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SBCTA's render of New York Street's station design.
The constant fight against AIDS

By Judith Nungaray 
Staff Writer

Around the world, 22 million people have died from AIDS-related causes ever since the epidemic began. Different breakthroughs have helped the HIV/AIDS community survive, from the creation of medication to the right medication.

Today, there is an estimate of 1.1 million people living with HIV, and the stigmas society has created against the disease.

"The rumors were: if you look at someone with HIV you would get it" said Patricia O’Brien, advocate on the fight against AIDS for more than 20 years.

"Anyone can get it... you can get it from a needle, you can get it from a transfusion," added O’Brien.

Many HIV-positive people struggle with getting access to the right medication.

"Thousand and thousands like me felt there was a real need to come together and mobilized to show people living with HIV and AIDS that they are cared about," said Craig Miller, founder of AIDS Walk Los Angeles as he explained the history of the AIDS movement.

Since its creation, AIDS Walk Los Angeles has faced a lot of difficulties. "Initially a challenge was to get people beyond the LGBT community to identify with the AIDS epidemic as something that was worthy of addressing." Miller explained, "currently a challenge for AIDS Walk is to cause people to realize that this cause remains important.

"To be able to reach people into this issue at the time where Brent Kavanaugh has been confirmed to the Supreme Court and the President of the United States says outrageous and insulting discriminatory things on a weekly basis, there are a lot of problems and a lot of distractions out there" "In our society we have something called compulsory education where we require parents to send their kids to school and we require children to be educated so given that’s the framework it would seem, to leave sex education out of the mix negligible, and the public school definitely have a role in promoting sexual health and sex education," added Miller as he explained the importance of having sex education as part of our school system.

1-in-4 new HIV infections occur in youth ages 13 to 24 years old.

"Take personal responsibility for protecting one’s own health and the health of one’s own sexual partner, that’s really important," said Miller.

Another big lesson from the years of the AIDS epidemic and the AIDS Walk is that we can not necessarily rely on our government to be fair, dispassionate and wise in confronting health problems that we as individuals and as community prepare to act when our government won’t and have to take our government to task for their failures," Miller added.

Every year thousands of people gather up in Downtown Los Angeles to fundraise and bring awareness on the fight against AIDS. "I am very aware of the capacity of our government to miss an important issue or to fail to take action that they need to take, and we as individual people and as a community, have to act on our own to protect ourselves when our government won't," Miller explained.

"We come a long way in confronting HIV and AIDS and the things that we did were very successful like organizing events or to fail to take action," most college students who are living life.

"Its not only walking, you can also donate online to the AIDS walk by going to their website to governmental help.

"There are displays of support from the creation of medication to the right medication.

"Miller added, "APLA provides a lot of resources to help people of all ages confront both issues of addiction, sexual compulsion, and sexual health" in the last three decades, AIDS Walk Los Angeles has worked hand in hand with different foundations.""There are 19 to 20 organizations that benefit from this walk," said Bert Champagne, Event Director of AIDS Walk Los Angeles which will be held this year on October 21st in the City of Los Angeles.

"I started volunteering at the APLA food pantry, I would see people come in and you would see someone for a couple months and you could see their health declining," said Champagne, "It is a lot of work but it is the love of life."
Hell Fest more like fail fest

By Scott Romo
Staff Writer

A group of teenagers looking for a fun night in a horror theme park end up being prey to a murderer while the audience struggles to stay invested in this tension-free slasher titled Hell Fest.

The gimmick of this film is to have a scary theme park maze which might actually kill you, but this premise is so paper thin there is nowhere to escalate the tension beyond the characters being aware a killer is hiding the maze, which is saved for the final fifteen minutes.

For long stretches, the audience is treated to drawn-out scenes of characters walking through mazes, intercut with footage of the killer being nowhere near the main characters. Yet in the mazes, the camera hangs and the music swells as if the audience should be on the edge of their seat.

Most of the characters would be improved by being one-dimensional horror tropes because then there would be at least an attempt to characterize them.

Three out of five of the main group of characters are only describable as “a college student” besides of course the short-haired tough girl who doesn’t take any disrespect from men who was most likely a studio-mandated character to offset the other female character who is given a trait: the virgin. A small bit of humanity is rectified in the characters by having them portrayed by actors who seem dedicated and professional despite them given nothing interesting to do throughout the film besides walk-through horror mazes.

The semi-decent acting isn’t assisted by the overly referential meme-fueled dialogue which highlights the already present fact that people in their forties wrote the screenplay.

Though the writers do seem quite plugged-in by referencing memes, lingo, and pop culture which young people are actually interested in, they seem to confuse relatable terminology with a substitute for legitimate characterization.

Having the film set in a theme park allows for the utilization of colored lighting which might distract from how little thought was put into Hell Fest’s cinematography, but anyone interested in aesthetic will become quickly bored by the film’s flat static television-quality shots of characters walking and talking.

“It was like one of those bad straight-to-Netflix movies. I have no idea how it got in theaters,” said Iris Gonzales, a disappointed viewer.

If anything, some of the designs and visuals in the hell fest park are impressive, but you would be able to enjoy them much more if you were in an actual theme park, not watching a film which should be prioritizing the elements which Hell Fest neglects.

Horror fans are likely to leave Hell Fest quite disappointed about the lack of thrills. There are a handful of gory scenes and aesthetic shots which are interesting enough to break up the boring monotony, but not enough to justify the price of admission.

Stay away from Hell Fest, as if your life depended on it.
Children when we first met, we were completely free

Not a day went by without loving unconditionally

As time went on our responsibilities grew

No longer was it about just me and you

Finding balance in a world that never stops turning

Sparked an anger in me that is quite concerning

Trying to push you away, I found my escape

Only realizing now, it was not the decision to make

Somewhere along the way I lost sight of who I am

With it came the pain of hurting an honest hearted man

Thank you for always standing by my side

I will forever regret trying to run and hide

No one deserves the cowardly act of cheating

Just know I will love you until the day my heart stops beating.

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Snack Babie
Contributing Artist