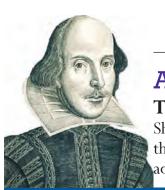
The Baylor Lariate WEDNESDAY | NOVEMBER 28, 2012 | NOVEMBER 28, 20



A&E Page 3

The Globe goes indoors

Shakespeare's iconic outdoor theater gets a makeover with the addition of a new indoor theater

Viewpoints Page 2 Getting a sports degree

Should sports have a major to itself? The Lariat editorial board weighs in on the controversial subject

SPORTS Page 3

Volleyball revels in success

Despite hitting the 20-win mark, the Lady Bears still didn't make it to the NCAA tournament



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On the Web



Don't Feed the Bears

The Lariat sports desk voices its opinions about Baylor being bowl eligible and who they think has a shot at the Heisman.

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Bear Briefs

The place to go to know the places to go

Send your joy in style

Buy a candy cane telegram for your friends or special someone from 10 a.m. to 2 p.m. today through Friday in Collins and the Baylor Sciences Building lobby. Telegram prices range from \$1 to \$7.

Ring in the holidays

The combined choirs of Baylor and the Baylor Symphony Orchestra join forces at 7:30 p.m. Thursday and Friday to present their Christmas at Baylor show in the Jones Concert Hall in the Glennis McCrary Music Building.

Christmas in the air

Kick off Christmas break with Christmas on Fifth Street from 6 to 11 p.m. Thursday. For a full list of the night's events, visit baylor.edu/ studentactivities.





ASSOCIATED PRESS

The elves have been busy

Hundreds of people gather in the rain to attend the opening of the traditional Christmas Market on the Roemerberg square in Frankfurt, Germany, on Monday.

Cash forked over in settlement about false medical claims

By Linda Wilkins and Maegan Rocio
Assistant City Editor
and Staff Writer

The Department of Justice announced Tuesday the Baylor Health Care System must pay \$907,355 to settle allegations of false claims for radiation oncology services.

The Baylor Health Care system is an umbrella term that encompasses the Baylor University Medical Center and the Health Texas Provider Network, two organizations mentioned in the settlement

None of the organizations are affiliated with Baylor University.

Baylor Health Care established autonomy from the university in 1997 when it decided to continue its commitment to support the university's nursing and medical education programs.

The organizations that allegedly re-

ceived the false claims are Medicare, the Civilian Health and Medical Program of the Uniformed Services and the Federal Employees Health Benefit Program.

The settlement arose from allegations that Baylor University Medical Center submitted improper claims to Medicare from 2006 to May 2010.

The claims involved several bills that

The claims involved several bills that were double-bills, bills for higher or less expensive services, bills without supporting documentation in the medical record and bills for radiation treatment delivery without corroboration of physician supervision.

According to the Department of Justice, the radiation oncology services included intensity modulated radiation therapy, which is a complex radiation treatment for specific types of cancer that require precision in order to spare

patients' organs and tissues.
Craig Civale, the spokesman for the

Baylor University Medical Center, wrote in an email to the Lariat that the settlement was reached to avoid a long-term court battle.

"The issue involved a disagreement with the Department of Justice on the adequacy of some of our billing records at the Radiosurgery Center Department at Baylor University Medical Center. To avoid protracted and expensive litigation, Baylor has paid the DOJ \$907,355 to settle this issue. We are pleased that the matter is concluded," he wrote.

Lori Fogleman, director of media communications at Baylor, said she was not aware of the announcement by the Department of Justice.

"We are entirely separate legal entities though our institutions enjoy many associations," Fogleman wrote in an email to the Lariat.

The Associated Press contributed to

BU gets grant to study war sickness

Baylor professor leads the way in Gulf War Illness research

> By Reubin Turner Staff Writer

U.S. Department of Defense's Office of Congressionally Directed Medical Research Programs awarded Baylor two research grants to assist with research on Gulf War Illness.

The grants, which total nearly \$1.6 million, bring the total amount Baylor has acquired for research on the illness to \$2.3 million.

The illness, which affects an estimated one in four of the 700,000 military personnel who served in the Gulf War from 1990-1991, is a medical condition that seems symptom-specific to those soldiers.

Symptoms include chronic headache, widespread pain, memory and concentration difficulties and digestive abnormalities, according to an article published by Bio-Medicine.

Dr. Lea Steele, an epidemiologist at Baylor and the director of the Baylor Research Initiative on Complex Illness, said thousands of veterans are still suffering from the illness.

Steele, who is also a research professor at the university, said she aims to address multiple aspects of the syndrome.

These aspects include studying the biological processes causing veterans' symptoms and the development of a nationwide network that would advance health research on the issue

"These grants will support our intensive effort to find answers," Steele said.

The program, to be conducted in three separate projects, will aid in the development of treatment for the illness.

In the first stage, the research team will partner with Scott & White Healthcare to provide clinical assessments to soldiers who suffer from the illness.

These assessments will include taking an indepth look at the brain and the immune system.

The second stage of the illness will be dedicated to developing blood tests, which will be used to

SEE **GRANT**, page 4



Dr. Lori Baker, associate professor of anthropology, and Jim Huggins, lecturer, participate in a forensic science field school involving illegal immigrant identification on May 25 in the Westlawn Cemetery in Del Rio.

Students dig deep in forensic science

By Linda Nguyen Staff Writer

Students at Baylor are speaking for the dead and, no, they're not psychics.

Anthropology students at Baylor traveled with Dr. Lori Baker, associate professor of anthropology, to Del Rio over the summer as part of her Reuniting Families program.

The program identifies the bod-

ies of deceased immigrants along the Texas-Mexico border and reunites their remains with their families.

Students were given this opportunity through a field school offered by the anthropology department in the summer.

A field school experience is required of all anthropology majors in order to provide experience in an an-

SEE **BONES**, page 4

Experience the holidays around the world at Baylor

By Maegan Rocio Staff Writer

Cultural differences won't get in the way of celebrating the

The Baylor University Multicultural Leadership Cabinet will host "Holidays Around the World," a free event open to all students from 7 to 9 p.m. today in the Bobo Spiritual Life Center.

H o u s t o n sophomore Margaret Odunze, the vice president of programming for the Multicultural Leadership Cabinet and the

holidavs.

co-chair of the event, said it was created this year with the holidays in mind.

"We wanted to do something for Christmas, but not like Christmas on Fifth," she said.

"Before students go home for holidays, we want people to have the opportunity to come together. We want people to branch out and talk to each other," she said.

Odunze said the event is meant to encourage cultural interactions among students.

"We wanted something that really stuck out", she said. "We put this event together to create a warm and loving environment where you can drink hot cocoa and basically have fun interacting with people who don't look

like you. We want people to un-

derstand that they are welcome

to interact with other people

outside of people of their own

be activities, such as games, that

meant to encourage all students

to share their perspective about

their cultural holiday tradi-

students can participate in.

Odunze also said there will

Odunze said the event is

ethnic background."

Multicultural

Leadership Cabinet

tions.

"We want students to get together and get to know each other because there is a lot of cultural diversity on campus," she said.

Odunze said members of the Multicultural Affairs Organization will be present to ensure none of the attendees feel left out.

"Basically, we're going to be making sure that everyone is doing something," she said." "We want you to get involved."

Odunze said she is looking forward to a large turnout.

"I'm hoping that people come out to show support for each other, not the organization," she said. "Even other organizations can come out and become involved, it just means a lot that people come out to get to know other people. We want students to walk away feeling that they've gained a friend or two."

Best Student Newspaper three years running | Houston Press Club

YES, WELL... PLEASE TRY NOT TO

GET ANY SWEAT ON

THE REGISTER.

Majoring in sports defeats the point of college

Editorial

Growing up, we would be lying if we said we never thought about dribbling down the court, counting down from 10 and shooting as we made a buzzer sound.

After the ball would go through the net, the "and the crowd goes wild" was inevitable.

If basketball wasn't it, then it was scoring the game-winning touchdown or hitting a walk-off grand slam or something else.

For those that come to college wanting that dream to become a reality, finding a major that allows them to play and study can be dif-

For others, education is merely a back-up plan.

There are some athletes, however, that realize that their aspirations to be a professional athlete aren't where their lives are leading

How do they handle that? Enter Baylor basketball senior forward Jacob Neubert.

It's no question that he is the crowd favorite. They goes nuts when he enters the game.

Neubert majors in accounting and finance and had some job interviews this semester in Hous-

Let's look at the rest of Baylor Basketball's record.

In the past five years, four Baylor Bears have joined the NBA, counting Quincy Miller in the D-

A few are playing overseas:

Tweety Carter, LaceDarius Dunn and Curtis Jerrells.

The rest went on to careers outside the professional sports world. They used the knowledge and skills gained at Baylor to build lives and careers outside of

Everyone can agree that education is important, but now some people are suggesting college athletes should major in the sport

Why? Because they believe that sport is their only motiva-

This logic comes from the same manner of other professional performance careers like dance, voice, music and theater. The argument asserts that since they're going to be playing basketball for the rest of their lives, then they should just study basketball.

That completely discounts all the general education classes that performance majors are required to take, and the countless hours of theory, criticism, history and multi-disciplinary classes that fine arts majors have.

Would we build a similar curriculum for each sport?

Will they have hours of advanced sports movement theory and what separates that from an infinitely more recognized degree like kinesiology?

In short, transferring that logic to sports is ridiculous. Think about it.

You're sitting on the couch watching the potential No. 1 overall draft pick during a Final Four

Before the ball is tipped, the television shows you his name, classification, height, weight and major: basketball.

Hold your laughter.

This is a serious argument.

People argue that the athletes can take a university's required classes for the first two years but then pursue classes for their sports performance major their final two years.

News flash: professional sports careers won't last forever.

While 19 seasons seems like a lifetime in the NBA, Shaq went back to school and got his doctorate in human resource development. He is now an analyst on Inside the NBA.

For professional careers that you might miss if you blink, think of former Texas quarterback Vince Young.

Less than 10 years after his 4th-and-8 game-winning touchdown against USC in the National Championship, Young is broke and jobless.

Would majoring in football help him now?

Athletes need a real education. Even with his ridiculous dunks and unheard-of athletic ability, Baylor basketball sophomore guard Deuce Bello is majoring in marketing.

Why? Because he wants to do marketing for an NBA team.

Baylor football senior quarterback Nick Florence graduated in 2011 with a degree in economics and is currently enrolled in graduate school.

If the nation's leader in total

offense can major in something other than football and be suc-

Well, if athletes could make it through high school, four more years should be just fine.

cessful in both, then it can't be

The proposal for sports majors assumes that athletes are one-dimensional. But they aren't.

As is said in those all too frequent commercials for the NCAA: They aren't just athletes,

they are student athletes.

I GUESS YOU COULD

SAY THAT I MAJORED

IN ATHLETICISM!

People need to realize that athletes are just regular people with a crazy God-given ability to do cool things in a sports arena. Their minds, and often their game, will still benefit from the same education that we all should be receiv-

@asherfreeman

Instead of letting them concentrate on their chosen career, sports majors will only limit the potential of student athletes.

Frankly, dear readers, we do give a ... for movie quotes

Viewpoint

You may ask what famous quotations have to do with anything. Well, that's just elementary, my dear Watson.

There's a lot to be said about the use of quotations in our everyday lives.

Whether it be in casual conversation, political mockery or in lectures, quotes from great minds, movies and books alike have an established place in our

Quotes give us all of sense of power, and with great power comes great responsibility. Movie quotes provide a common language for everyone.

Some quotes are inspirational

and can motivate people to a certain ideology. Imagine how you can motivate people by using a famous quote. You could be someone's hero because of your encouragement.

However, either you die a hero or you live long enough to see yourself become a villain. Don't become the villain by saying movie quotes don't mean anything. Be a hero, and participate in the movie quote trade. Now, when you first start,

you'll probably think, "This is the strangest thing I've ever done!" But, once you get the hang of it, you'll know you're on the right

Sometimes other people don't pick up on references to famous quotations and in that case, you've



Linda Wilkins | Assistant City Editor

have to explain your quote. Actu-

got a failure to communicate. You might as well tighten your seatbelt, because you're in for a bumpy ride, especially when you

ally, it might be easier to yell, "You can't handle the truth" and make a dramatic exit.

But, I wouldn't let other people's lack of knowledge get you down because once you start using quotes to convey ideas and someone understands it, you know that it's the start of a beautiful friendship.

You don't have to take my word for it; I could be dishonest. A dishonest person you can

always trust to be dishonest. Honestly, it's the honest ones you want to watch out for, because you can never predict when they're going to do something in-

credibly stupid. Remember, you can't live your life for other people. You've got to do what's right for you, even Be brave and bold when you use a quote because the brave do not live forever, but the cautious do not live at all. Some movie buffs among

if it hurts some people you love.

us use scenarios in the fictional world as a tool to explain big ideas and complicated concepts. For instance, a homesick stu-

dent could simply say, "There's no place like home," with a deep sigh and everyone knows they want to go home and their reference to The Wizard of Oz.

When someone looks sad, simply ask them, "Why so serious?" If they understand it, then it's a conversation starter and you've made a new friend.

I'm going to make you an offer you can't refuse. Throw some quotes into your everyday conversations and see what happens. (You either will or you won't, there is no try.) My mom always says life is

like a box of chocolates because you never know what you're going to get. Using movie quotes in your

conversation can lead to some great revelations of your own. Maybe you'll surprise yourself

and come up with an idea that people will quote you on years from now.

Go ahead, make my day and

Linda Wilkins is a sophomore journalism major from Tyrone, Ga. She is the assistant city editor for the Baylor Lariat.

Bible says love your neighbors, even WBC

Lariat Letters

A false dilemma is when one is given a set of options and incorrectly told that those are all the options.

Example: You 'must' choose A or B, even though there is also C.

Since Westboro "Baptist Church" decided to protest at the Baylor/K-State game, I think now is a good time to discuss tolerance, and the false dilemma which has hamstrung the debate over its meaning.

For example, when the Cathy family (owners of Chick-Fil-A) stated that they personally found homosexuality morally wrong, they instantly had to defend against outlandish claims like that Chick-Fil-A would stop serving

gay customers, despite the fact that they had not said, hinted at or logically implied anything of

The simplistic outlook that either "everything goes" or else you "hate fags" prevents deeper I'd like to propose Option C:

the often quoted but little understood "Love the sinner, hate the

The reason that this idea has trouble catching on is because we have also constructed a false dilemma about the nature of love.

Real love doesn't mean you never correct or find fault with somebody else.

If it does, my parents must have hated me, because I got plenty of old fashioned correction as a child.

And despite the much used and abused verse from Matthew 7:1 — "Judge not, that you will not be judged" (English Standard Version) — Jesus never meant for sin to just be winked off, for if sin could simply be overlooked He would have had no reason to come to Earth in the first place.

In Matthew 18:15-17 He even gave the Church the process to discipline consistently unrepentant members.

Saint Paul would reiterate this process in 1 Corinthians 5, explicitly mentioning a sexually immoral member.

Grace without truth ceases to be grace at all.

However, I want to stress that this isn't justification for calling down brimstone for any sin we

In Luke 9:52-56 the Disciples wanted to use heavenly fire to destroy a town that rejected Jesus, until Jesus Himself rebuked them.

Ultimately, the ministry of the Church is repentance and reconciliation, not condemnation (that part took care of itself, John 3:18).

I believe the most eloquent expression of this 'Option C' is found in John 8:11 when Jesus tells the adulterous woman "Neither do I condemn you; go, and from now on sin no more (ESV)."

Hayden Murphy Lubbock Junior

International Studies/Russian The Westboro Baptist Church

staged a protest at the Baylor/Kansas State game on Nov. 17.

Corrections

In a recent column by lab reporter Lindsey Miner, printed on Nov. 27, a factual error was made.

The column asserted that West Virginia was "destroyed in the [Orange] bowl by LSU." LSU only played WVU in the regular season, beating them 47-21.

WVU actually played Clemson in the Orange Bowl that season, defeating them 70-33.

The Baylor Lariat is committed to ensuring fair and accurate reporting and will correct errors of substance on Page 2.

Corrections can be submitted by sending an e-mail to Lariat_letters@baylor.edu or by calling 254-710-4099.

Lariat Letters

Have an opinion? Then send it to the Baylor Lariat.

Letters to the editor should include the writer's name. hometown, major, graduation year, phone number and student identification number.

Non-student writers should include their address.

Letters that focus on an issue affecting Baylor may be considered for a guest column at the editor's discretion.

All submissions become the property of The Baylor Lariat.

The Lariat reserves the right to edit letters for grammar, length, libel and style.

Letters should be e-mailed to Lariat_Letters@baylor.edu.

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Opinion

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Shakespeare's Globe to build new indoor theater

By JILL LAWLESS ASSOCIATED PRESS

LONDON — Shakespeare's Globe, the open-air London playhouse that helped win modern audiences over to all-weather outdoor theatergoing, is embracing the great indoors.

The Globe on Tuesday unveiled details of a new indoor venue that will sit alongside the O-shaped Elizabethan-style theater on the banks of the River Thames. Built from 17th-century plans, it will allow audiences to remain warm and dry as they watch candlelit performances of plays by the Bard and his successors — and, its creators hope, cast those classic plays in a new light.

"We're hoping it will prove as great a revelation as this building has," said Globe artistic director Dominic Dromgoole, referring to the open-air theater that opened in 1997. "In the simplest terms, it's called going back to the future."

The Sam Wanamaker Theatre - named for the late American actor-director who spent decades realizing his dream of rebuilding Shakespeare's playhouse near its original site — is due to open in January 2014, and will allow the Globe to hold performances yearround for the first time.

Modeled loosely on the longvanished Blackfriars playhouse where Shakespeare's company, the King's Men, performed in winter, the timber-framed space will hold 350 people, in seated galleries and a standing-room pit.

Dromgoole said that in true 17th-century style, it would feature "a lot of people packed tight into a very small space — bulging with humanity." In another nod to authenticity, the oak-framed, wood-paneled theater will be lit by candles, no small achievement in our safety-conscious times.

Martin White, a leading expert on theater lighting and a consultant to the project, said that with modern safety techniques open flames in a wooden theater can be perfectly safe — and convincing the London Fire Brigade proved

"I was quite surprised," he said.



Builders carry out work on a new indoor venue at Shakespeare's Globe during an event for the media in London on Tuesday.

"They became really interested in the project. I think they wanted to see live flames lighting a performance in the theater. They became enthusiastic about it, and that is always the best start for everything."

Dromgoole pointed out that the Globe has a history of getting permission to bend building rules. In the 1990s it became the first thatch-roofed building constructed in London since the Great Fire of 1666. Thatched roofs were banned in London after the fire, which razed much of the medieval city. The new venue is being built based on drawings found at Oxford University's Worcester College in the 1960s — the earliest surviving plans for an indoor theater. No theater buildings from that era survive, and many questions remain about how they were constructed.

Farah Karim-Cooper, head of the Globe's architecture research group, said the goal was "to build a theater Shakespeare might recognize," rather than a reconstruction of any particular venue. Wanamaker, who died in 1993, dreamed of an indoor theater beside the Globe's outdoor space, and the shell of the venue was built as part of the reconstruction. But financial constraints prevented it from being completed at the same time as the Globe. The company has raised most of the 7.5 million pound (\$12 million) cost of the new venue from individuals and charitable

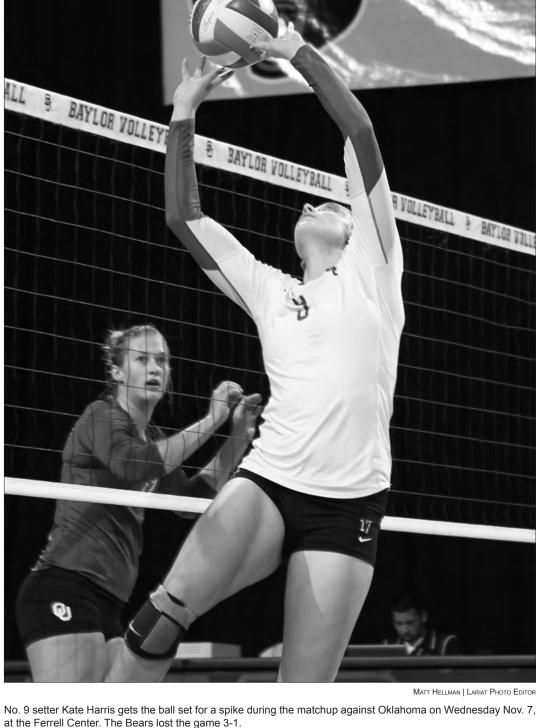
Shakespeare's Globe opened amid skepticism — some thought it would be a kitschy tourist trap. It turned out to be a huge success, drawing 1 million visitors a year and winning over audiences and critics with productions that use staging techniques of the past to shed new light on old plays.

The company's all-male productions of "Richard III" and "Twelfth Night" starring former Globe artistic director Mark Rylance opened this month to glowing reviews in London's West End after a summer run at the Globe. Dromgoole said the new space would expand the company's repertoire to include works by Jacobean dramatists who followed Shakespeare, such as Thomas Middleton and John Webster.

What it will reveal about those plays is, for now, a mystery. We're doing it as an experiment," Dromgoole said. "We're doing it as a leap

Senate committee Monday. Freedom of information advocates said sible changes when the Legislature the Legislature could improve on meets next year Needless to say what is widely seen as one of the best public information acts in the country, but should provide more information, not less.

> One key question is how much information private contractors must turn over when they are providing services on behalf of



No. 9 setter Kate Harris gets the ball set for a spike during the matchup against Oklahoma on Wednesday Nov. 7,

Despite record season, volleyball falls short of NCAA tournament

BY DANIEL HILL SPORTS WRITER

The Baylor volleyball team's season is officially over after a regular season in which the Bears earned 20 wins and just 12 losses.

This season is just the sixth time in program history that the Bears reached the 20-win mark. It is the second time that the

team has won at least 20 matches under head coach Jim Barnes

The NCAA tournament selection show was this Sunday.

The Bears were considered a and were not selected.

Junior outside hitter Zoe Adom led the Bears this season and was named to the All-Big 12 first-team. Adom was the main catalyst for the Bears on offense and had 199 kills in Big 12 play.

Adom had 13 matches in which

she had double-digit kills. She ranked fifth in Big 12 play with 3.37 kills per set.

The Bears also had two players selected to the All-Big 12 second team in senior middle hitter Torri Campbell and senior right side hitter Alvssa Dibbern.

Campbell was second on the squad with 91 blocks, 0.95 blocks per game, and 20 service aces. In conference play, Campbell led the team with 13 aces.

Dibbern was the team's season leader in points with 373, kills with 330, kills per set at 2.87.

20 matches with at least double-

Although the Bears goal was to get into the NCAA tournament, this was a positive season for the

Baylor volleyball program.

Reaching the 20-win mark is an accomplishment and posting an

8-4 record at the Ferrell Center is also noteworthy.

"Everyone comes out and plays their hardest every day during practice and so it's really fun," sophomore outside hitter Tori Cox said. "Everyone is involved and it's a team effort."

With such a young squad filled with seven freshmen, the team will have more experience next season.

"All the girls have been working hard," head coach Jim Barnes said. "The players on this team, the chemistry is tremendous. Like (sophomore outside hitter) Nicole Bardaji hasn't played much but what she adds to the team is spirit. This is probably the most unselfish team I've coached and that's why I've enjoyed this group so much."

This 20-win season laid the foundation for even more future success among the volleyball team.

Lawmakers consider changes to Texas open records law

By Chris Tomlinson ASSOCIATED PRESS

AUSTIN — Texas lawmakers are considering possible changes to the Texas Public Information Act, including how to reduce frivolous requests and whether or not the act hurts government contractors.

Texas has one of the best open records laws in the country, but Lt. Gov. David Dewhurst asked

the Senate Open Government Committee to take a look at poschanging the law that requires the government to make its records public always makes open government advocates, such as journalists, a little nervous.

Texas' open records law should be tightened and clarified to reduce lawsuits, witnesses told a

Piled Higher & Deeper Ph D

UH, SO... PROF. WILSON, ANY PLANS FOR THE HOLI-

HOW'S THAT PAPER COMING

the government.

HEY! YOU'RE NOT IN THIS DEPARTMENT!

DAILY PUZZLES

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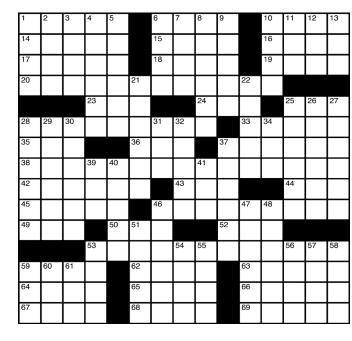
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THE SAMURAI OF PUZZLES By The Mepham Group 5 8 6 1

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First section of Chernobyl shelter raised

By Jim Heintz ASSOCIATED PRESS

CHERNOBYL **NUCLEAR** POWER STATION, Ukraine -Workers have raised the first section of a colossal arch-shaped structure that eventually will cover the exploded nuclear reactor at the Chernobyl power station.

Project officials on Tuesday hailed the raising as a significant step in a complex effort to clean up the consequences of the 1986 explosion, the world's worst nuclear accident. Upon completion, the shelter will be moved on tracks over the building containing the destroyed reactor, allowing work to begin on dismantling the reactor and disposing of radioactive waste.

Suma Chakrabati, president of the European Bank for Reconstruction and Development, which is leading the project, called Tuesday "a very significant milestone, which is a tribute to the ongoing commitment of the international donor community, and an important step towards overcoming the legacy of the accident."

The shelter, shaped like a gargantuan Quonset hut, will be 257 meters by 150 meters (843 feet by 492 feet) when completed and at its apex will be higher than the Statue of Liberty.

The April 26, 1986, accident in the then-Soviet republic of Ukraine sent a cloud of radioactive fallout over much of Europe and forced the evacuation of about 115,000 people from the plant's vicinity. A 30-kilometer (19-mile) area directly around the plant remains largely off-limits and the town of Pripyat, where the plant's workers once lived, today is a ghostly ruin of deteriorating apartment towers.

At least 28 people have died of acute radiation sickness from close exposure to the shattered reactor and more than 6,000 cases of thyroid cancer have been detected in people who, as children or adolescents, were exposed to high levels

of fallout after the blast.

Officials who showed reporters around the construction site Tuesday were clearly delighted at the colossus taking shape before them, but concerned about the challenges ahead. The shelter is to be moved over the reactor building by the end of 2015 — a deadline that no one wants to miss given that the so-called sarcophagus hastily built over the reactor building after the 1986 explosion has an estimated service life of about 30 years.

The arch now under construction is only one of two segments that will eventually form the shelter, and so far it's only been raised to a height of 22 meters (72 feet). More structural elements have to be added before it reaches its full height of 108 meters (354 feet), and the work so far has taken seven

'There's no room for error ... the schedule is very tight," said Vince Novak, director of the EBRD's nuclear safety department, who added that staying within budget is also a concern.

The overall shelter project is budgeted at €1.54 billion (\$2 bil-— €1 billion (\$1.3 billion) of that for the structure itself — and much uncertainty lies ahead. One particular concern is dismantling the plant's chimney, which must be taken down before the shelter is put in place. The chimney is lined with radioactive residue that could break up and enter the atmosphere as it is taken apart. Laurin Dodd, managing director of the shelter project management group, said some sort of fixative will have to be applied to the chimney's interior.

"This is one of the most challenging parts, because it's an unknown," he said.

Other possible delays could come if excavations for the shelter's foundation uncover radioactive waste or even buried machinery. Dodd said other excavations unearthed several bulldozers and cranes that had to be decontami-

Even when the shelter is in place, the area around the reactor building will remain hazardous. The shelter is aimed only at blocking radioactive material from escaping when the reactor is being dismantled; it won't block radia-

But when the dismantling and cleanup work is complete, the radiation danger will decline. How long that would take is unclear, but officials on Tuesday allowed themselves to envision a happier Chernobyl a century from now, with the plant's director speculating that the huge shelter may even become a tourist attraction.

Plant director Igor Gramotkin drew a parallel between the shelter and the Eiffel Tower.

"Originally, that was intended to be destroyed. But I think this (shelter) will be so impressive that even in 100 years people will come to look at it," he said.



The banks of the Mississippi River near Vicksburg, Miss., continue to erode as the 2012 drought deepens in this Aug 6 photo.

Senators to ask Obama to protect Mississippi River

By Jim Salter ASSOCIATED PRESS

ST. LOUIS — A group of U.S. senators will ask President Barack Obama for an emergency declaration in an effort to keep barges moving on the drought-riddled Mississippi River, a spokesman for Sen. Claire McCaskill told The Associated Press Tuesday.

Senators from Mississippi River states are seeking an emergency directive that would increase the flow of water from an upper Missouri River dam and expedite removal of rock formations in the middle Mississippi River that impede barge traffic during periods of low water. McCaskill spokesman Drew Pusateri did not yet have a complete list of senators involved in the request.

Pusateri said McCaskill also will write to Missouri Gov. Jay Nixon asking him to formally request a disaster designation. He said a gubernatorial request could move through bureaucratic channels more quickly than the request from senators.

The Army Corps of Engineers on Friday began reducing the outflow from the Gavins Point Dam in South Dakota. The flow, originally 37,500 cubic feet per second, will gradually be cut to 12,000 cubic feet per second by Dec. 11.

That means less water coming down the Missouri and into the Mississippi River. The already-low Mississippi River level is dropping as a result and could get so low that barge traffic will be severely restricted or even halted by mid-

Corps officials in Omaha, Neb.,

have said the reduction is necessary because low water in the upper Missouri River basin is affecting recreation, exposing Native American artifacts that are normally covered by water, and may eventually impact hydropower. They say they are bound by the Missouri River Master Manual to act in the best interest of the Missouri River, and what happens on the Mississippi is incidental.

In a teleconference with reporters on Tuesday, Republican Sen. Roy Blunt, R-Mo., said the corps move was another example of "friction" between the upper basin of the Missouri River and the lower Missouri and Mississippi rivers.

Three trade groups and 15 other national organizations also on Tuesday submitted a letter to Obama and to the Federal Emergency Management Agency requesting a presidential emergency.

"This is an economic disaster in the making and the Administration needs to act now to stop it," said Mike Toohey, president and CEO of Waterways Council Inc.

Nearly 80 members of Congress and governors of Missouri, Illinois and Iowa all wrote letters to Army Assistant Secretary Jo-Ellen Darcy in the weeks leading up to the flow reduction, urging that the move be averted or at least delayed.

McCaskill said in a statement that action is needed immediately.

"This issue is impacting jobs and businesses in Missouri as we speak, so we don't have weeks to wait for a response from the Army Corps," McCaskill said. "It's time for the president to take action to protect our jobs and businesses."

The photo shows a playground in the deserted town of Pripyat, Ukraine, almost two miles from the Chernobyl nuclear power plant. Workers on Tuesday raised the first section of a colossal arch-shaped structure that is planned to eventually cover the exploded reactor at the nuclear power station.

BONES from Page 1 -

thropological field related to their future career goals.

This is just one of a variety of field schools available to students.

Baker took 18 undergraduate students with her on the field school experience.

The students were enrolled in a six-hour course titled Research Methods in Biological Anthropol-

"This gives them a learning opportunity most graduate students don't have," Baker said.

This is the first year this particular field school experience was offered to students.

The field schools offered to anthropology students rotate on a yearly basis, so it is unsure when the field school will be offered in the future

Baker said she started the Reuniting Families program when she first came to Baylor in 2002.

"It started with my husband and I," Baker said. "We looked at DNA samples from cases of unidentified immigrants. We did over 300 cases and we got about 70 identifications just from DNA samples."

Baker said students can apply the different anthropological methods they've learned in class to practical situations.

"It makes a huge difference," Baker said. "It shows they are capable and good at doing the work." Baker said the benefits of the

field school were two-fold. The families of the immigrants benefit because without the stu-

dents, the work would go undone and the students gain these invaluable experiences," she said. The students are currently do-

ing analyses on the bodies they brought back to the family mem-

"These families never tire," Baker said. "They keep trying year after year to identify their loved ones."

Officials enter the forensic information into the National Missing and Unidentified Persons System, which is then used by families to try to identify their loved ones.

"We send the bone samples to the University of North Texas and once we finish the analysis we enter the information into NAMUS, which is a missing person's database," Baker said.

Baker said each group of students does forensic analysis on one grave, typically one body, which includes DNA analysis, analysis for bone trauma and writing a biological profile.

We exhumed 10 graves and recovered six bodies," Baker said.

Garland senior Chloe Rose, an undergraduate student that went to the field school, said she enjoyed

Rose said she hopes to go to graduate school and work as a forensic investigator.

"I thought it was an amazing experience," Rose said. "I had a lot of fun. It was my first time working with Dr. Baker but she's really easy to get along with and she's really helpful."

Rose said the students were divided into four groups, with each group responsible for one grave where they did their own analyses.

Venezuela senior Sabrina Lacruz was another student involved with the field school over the sum-

"It was my first time in the field," Lacruz said. "It was a new program so we didn't have people to tell us about it. At first we were anxious, we didn't know exactly what to expect."

Lacruz said when the students first arrived on site, they began working.

"We started going at the graves,

even hitting a 2-foot-layer of rock that we had to pickaxe through," Lacruz said. "When we started finding pieces of wood, we knew we were getting close. We finally started finding bones and it turns out they were infant bones. We were able to recover 90 percent of the skeleton, not including the smaller bones."

Lacruz said they found two infants in the grave and they brought them back to Baylor for further

"In the end, this experience exceeded any and all of my expectations," Lacruz said. "It was a breath of fresh air. Going out into the field is so much different from being in the classroom."

Robinson senior Jen Hausk, who was also part of the field school, said the experience reaffirmed her desire to work in forensic anthropology.

"To me, it confirmed what I wanted to do and lit a fire in me," Hausk said. "I grew up watching CSI and wanting to do forensic anthropology. I've always wanted to do this. I want to help the dead speak because without us, they wouldn't have a voice."

GRANT from Page 1 -

better diagnose the illness. Steele said that currently the only way to diagnose a veteran with the disease is to determine whether or not the veteran has the

symptoms of the disease. Steele said this test will provide a more objective approach in diagnosing the disease rather than assessing the condition solely on the

The third and final stage of the research effort will include a national survey on the current health

status of Gulf War veterans. With this nationwide survey,

Steele said she hopes to attain a national network for sufferers of this disease, connecting both veterans and scientists who may be doing

research on the disease. Steele said she hopes this research will lead to effective treatments for the illness.

Frank Raczkiewicz, assistant vice president for media communications, said Steele has worked tirelessly in obtaining these grants for the university, and that she will oversee the implementation of these programs as well.

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