Professors aid in discovery of Nobel Prize winning particle

The winners of the 2013 Nobel Prize in physics were announced this month, with researchers from Baylor University joining teams from Europe that helped discover the Higgs boson, a subatomic particle that may help explain how mass is created.

The prize was awarded to Dr. Peter Higgs and Dr. François Englert—two scientists who first theorized the existence of the particle, which became known as the Higgs boson.

“Baylor has been involved in the research, “ said Brandon Mattingly, assistant professor of physics and head of the Baylor High Energy Physics Group. “Yes, we are included in the discovery.”

The announcement of the Nobel Prize comes six years after a team of researchers working at the Large Hadron Collider (LHC) in Switzerland published results indicating they had found the Higgs boson.

“Now the question becomes what is the origin of mass?,” said Mattingly. “Why do we have mass? The Higgs boson is a particle that is the mass-giving field.”

This is the second time the Nobel Prize in physics has been awarded to a Baylor professor. Dr. John Baglin received the award in 2003 for his work at the CERN particle accelerator, which also helped discover the Higgs boson.

“Baylor has been involved in the research, but we haven’t contributed to the discovery,” said Baglin. “We had to go a step further and analyze the data from the CERN accelerator.”

Since 2010, Baglin has been working on a project called “The Higgs Factory,” which is working on developing new methods to analyze the data from the LHC.

The Higgs boson is one of the most significant scientific discoveries in the last 50 years, and it is expected to provide insights into the fundamental nature of the universe.

“Discovering the Higgs boson is arguably one of the most significant scientific discoveries in decades,” said Baglin. “It is a revolution in high-energy research, and it is important for our understanding of the universe.”

The Nobel Prize in physics is awarded every year to scientists who have made outstanding contributions to the field. It is one of the most prestigious awards in the world, and it is given to no more than three recipients each year.

Baylor University President Kenneth S.Haspel said the discovery of the Higgs boson is a “significant milestone” in human understanding of the universe.

“The Higgs boson is a particle that is the mass-giving field,” said Haspel. “It is a fundamental building block of the universe, and it is important for our understanding of the origins of mass.”

The discovery of the Higgs boson has opened up new avenues of research, and it is expected to lead to new insights into the fundamental nature of the universe.

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In its present form, the Affordable Care Act provides every American with health care services, which will continue to grow in the long run. Unfortunately, the cost associated with this might drive away both current and future doctors.

With the government currently shutting down and the debt ceiling looming, the immediate future of the Affordable Care Act, also known as Obamacare, is in question. The bill has been passed and is the law of the land, but this law needs to be amended. The United States needs affordable universal coverage, but it has to figure out a way to do this without making doctors suffer. According to Physicians for a National Health Program, increasing the number of healthcare providers will not significantly affect only 22 percent think there’s a way to ensure access to health care providers. There are a lot of valid objections to the Affordable Care Act. In its present form, the Affordable Care Act will make it more difficult for some doctors and medical practices to pay their bills. The stipulation requiring doctors have admitting privileges at a hospital within 30 miles of the clinic in which the abortion is being performed will cause more doctors to defer the work.

The guidelines concerning RU-486 will significantly impact women’s access to health care. RU-486, the abortion pill, is a drug that induces abortion. The guidelines concerning RU-486 will significantly impact women’s access to health care. RU-486, the abortion pill, is a drug that induces abortion. The guidelines concerning RU-486 will significantly impact women’s access to health care. RU-486, the abortion pill, is a drug that induces abortion.

The pressure to reduce cost, increase volume and improve quality is forcing many health care providers to re-evaluate their game plan. A number of doctors are going to go into larger, more consolidated practices to stay afloat, while others, 42.9 percent in 2013, have downsized. Now the goodwill gestures have been thrown to the wind and penalties for not meeting the meaningful use by 2015. The electronic health record is intended to improve patient care and, while some are third and fourth generation doctors, they are struggling to recommend health care as a profession, even to their own kids. For those doctors who have chosen to hold onto their practices, the costs have incurred in order to become effective in providing quality medical care and its practices in jeopardy. An individual small business to cover the amount of money to be paid through the Affordable Care Act for the exact same services they have been receiving dramatically. Unfortunately, this has to be compromises in quality to provide some services. The practice isn’t small and medical device, which was the Affordable Care Act in 2013, on the industry. To try and bring payroll and other costs reductions within the difference and stay affordable, costs have to be pushed back to the doctor-patient relationship while still provid- ing care to everyone. The Affordable Care Act needs to be amended to make this happen.

In the story “BU grad creates potential Mavericks jersey design,” which ran on Oct. 9, a fact error occurred in which it was stated that Mark Cuban was the head coach of the Dallas Mavericks. Cuban is the owner. Rick Carlisle is the head coach.

The Lariat regrets the error.

The Baylor Lariat is committed to ensuring fair and accurate reporting and will correct errors of substance on Page 2. Corrections can be submitted to the editor by sending an e-mail to Lariat_letters@baylor.edu or by calling 254-710-6308.

Affordable Care Act should be amended

New abortion law tries to limit access
Don't let your plants die
Baylor alum creation to arrive in December

By Jeffrey Swindoll
News

Baylor Lariat

Baylor Independent School District's creation has outpaced its goal by far. Last spring, the district began the first in the state to use a locally sourced confidential information system to collect and pool information about students who need assistance. That's why it's making an impact that is growing to be far-reaching.

Texas is one of the only states that employs with access to confidential information and has the authority to access personal data to prevent abuse and ensure students' privacy.

The information system monitors students who qualify for social services and voluntarily contributes their personal information to the system. The web-based software allows many service organizations to see when students are referred to social services schools official directed them.

"We want to make sure that when they start school, they finish school and we want to get support caught up and supported," Pooler said.

Also, she said it's helping to create a real problem and performing various other functions for common household applications.

"It's designed to report information. It's designed to report information with anyone outside the aggregate data it offers is personal to the client, she said.

She said besides a number of other functions, there are two legal agreements between the city and WISD to prohibit inappropriate use of the student information.

A memorandum of understanding and a confidentiality agreement outline privacy rules, a memorandum of understanding and a confidentiality agreement outline privacy rules, a memorandum of understanding and a confidentiality agreement outline privacy rules.

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"Everywhere you look these days, there's taking over and driving out mom-and-pop businesses, which is good in some cases, but it can also put a cramp in a neighborhood, facing problems such as a mom-and-pop businesses, which is another aspect that makes the show so dynamic."}

It was a band that formed in spring 2012 under the name Uproar Records' newest band breaks out with original sound. The band has a single coming out this week. The single will be the song "Dance," the band came to the conclusion that it needed someone who could play the piano. The band plans to start writing songs a couple of years ago, he said. In the essence of the American dream. Every character in the show in 2009 on Broadway. Rodgers and Hammerstein, which sometimes because they can't help but laugh. He said the play also deals with some heavy issues. I think it's about a person who have their life to stand up for something and for someone, finding in themselves courage he never knew he had.

Emmons said the play includes community theater, performed by members of a close-knit community, all with different musical backgrounds to create a unique sound. "I have a theory on music. I want to make people dance and think at the same time." Zac Flowers' Guitarist "I make you laugh, and it will make you gasp, and there's something wrong with you if it doesn't make you say, 'Wow.'" Emmons said. "That really is a very well-rounded play and we hope it will continue." The audience will be happy, " Flowers said. "We are busy people so we need the best way to give someone with depression, and wanting to find a way to help them. While looking around on the Internet, he came across a Blog that said that the best way to give someone with depression immediate help is to dance. He wrote the song, to get people of their couches and dancing." Hugh Knight, Erik Willbane, Zac Flowers and Milan Stanley, collectively Member Music Company, rock out to their unique progressive pop sound.

Arts & Entertainment Thursday October 10, 2013

Uproar Records' newest band breaks out with original sound

Waco Civic Theatre’s upcoming productions of “Superior Donuts” employs a well-rounded mix-
**Texas Teacher Certification Strickland Program Master of Science in Education with Teacher Certification**

An accelerated program of study that culminates with teacher certification and a graduate degree (MSED).

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For information, please contact:

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Madelon McCall
Madelon.McCall@baylor.edu

**SCHOOL OF EDUCATION**
Department of Curriculum & Instruction
Murr Scoien, 2nd Floor South

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**DAILY PUZZLES**

**ANSWERS**

1. 100
2. 200
3. 2,000
4. 6
5. 5
6. 3
7. 1
8. 1
9. 3
10. 3
11. 1
12. 2
13. 2
14. 3
15. 4

**DAILY PUZZLES**

1. 100
2. 200
3. 2,000
4. 6
5. 5
6. 3
7. 1
8. 1
9. 3
10. 3
11. 1
12. 2
13. 2
14. 3
15. 4

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**How to shut out TV show spoilers when you’re online**

**By Carrie L. Galloway**
Associated Press
McClatchy-Tribune News Service

(Spoiler alert: This story contains no actual TV spoilers.)

I would really like to talk to you about TV shows today, but first I need to know: Did you see the series finale of “Breaking Bad?” Are you caught up on “Game of Thrones?” You know who died on that one amazing episode of “The Wire” toward the end of Season 5? Yeah, right.

Maybe we shouldn’t have that discussion. I don’t want to ruin anything for you. As television has entered into some call a golden age of deeper drama and more sophisticated comedies (“Two Broke Girls” notwithstanding), we seem to be taking TV more seriously. Watching TV digitally on your own terms is great, but it’s also created pressure to keep up with TV plottings in unlovely ways. When “Scandal” released 15 episodes of its “Post-Development” 13 of its first new original series “The New Black” all in one bitch in 16 weeks (premiering in the fall) that’s easier said than done.

For people who live-Tweet TV events as they happen, enraging others. For people who hate spoilers.

TV series can get you yelled at,_raytraced when you’re not caught up on the show_and fills you with fear, there are ways of avoiding. 

“Breaking TV digitally on your own terms is great, but it’s also created pressure to keep up with TV plottings in unlovely ways. When "Scandal" released 15 episodes of its ‘Post-Development’ 13 of its first new original series ‘The New Black’ all in one bitch in 16 weeks (premiering in the fall), that’s easier said than done. But for big TV events that you’re dying, ‘Wow, that was an amazing episode, I should really watch the show for those still catching up on ‘Breaking Bad’ and that may be contributing to the current ever-sensitive generation of TV fans. Among them: "It’s why television viewing in the annual ATX Television Festival's "They took their conversation offline, and said, "Not everyone feels this way, but it’s how things are. You should hurry up.

**Methods of avoidance:**

Method 1: Stay offline until you’ve caught up on TV shows. That may sound obvious, but for shows whose jobs rely on being online, that’s easier said than done. For big TV events that you’re missing, you can at least stay off social media when you’re watching.

That may seem obvious, but for some whose jobs rely on being online, that’s easier said than done. For big TV events that you’re missing, you can at least stay off social media when you’re watching. When “Scandal” released 15 episodes of its first new original series “The New Black” all in one bitch in 16 weeks (premiering in the fall), that’s easier said than done. But for big TV events that you’re missing, you can at least stay off social media when you’re watching.
No. 15 Baylor fueled by naysayers

By SHEHAN JEYARAJ
Sports Writer

Baylor was dominant in its Big 12 opener, setting a conference record for total offense with 664 yards. The number was the most by an FBS team in the last decade. The Bears scored the most points against West Virginia since 1904. Baylor became the first team since 1935 to score 70 or more points in three straight games. This was all against a team that beat No. 11 Ohio State in the Rose Bowl.

Out of the gate, Baylor's offense was record breaking. Taking into account the week schedule, the Bears had college football in points per game by 10 points, total offense by almost 146 yards per game and passing yards by 109 yards a game. The Bears are second in rushing yards and rushing touchdowns with 397 yards per game and 22 rushing touchdowns.

“I always feel that Baylor is a ‘but’ team. I say that because people say, ‘they’re good but,’ “ junior quarterback Bryce Petty said. “I say that because a chip puts a chip on our shoulder.”

West Virginia head coach Dana Holgorsen said Baylor won the game at the line of scrimmage by physically setting the tone both offensively and defensively.

“I would recommend giving Baylor some credit,” Holgorsen said. “This week we weren’t even close to the way we have before. I think when it’s your year, you’re not going to date somebody… You’re going to hang around them a while and get to know them and see if it’s a match.”

Despite all of the positives, Baylor is not quite in the spotlight yet. “I think we’re starting to get some national attention,” Petty said on Monday. “But I don’t think it’s where it needs to be or where it deserves to be.”

Baylor head coach Art Briles knows that there are tests ahead in the Big 12 conference. He believes Baylor has to do more to establish their dominance.

“We’ve played four games since August 31, and it’s October 5. It’s too early,” Briles said. “I’ve played four games since August 31, and it’s October 5. You’re not going to date somebody those three times and ask them to marry you. You’re going to hang around a while and get to know them and see if it’s a match.”

The team knows that if it takes care of business, then more focus will be given to the Bears.

“I think national attention will come as we get deeper into conference play,” Petty said.

Baylor junior quarterback Bryce Petty nails the ball against West Virginia on Oct. 5 at Floyd Casey Stadium. Petty leads the nation's No. 1 scoring offense and leads the nation in passing efficiency with a 229.6 rating.
Baylor aiming to take care of business on road against KSU

By Shehan Jeyarajah

Junior running back Lache Seastrunk was named Big 12 Defensive Player of the Week after running for 272 yards and two touchdowns on 35 carries. Seastrunk leads college football with 11.1 yards per carry. Seastrunk is part of a rotation that is second in college football with 247.3 yards per game.

“Anywhere you go on the road, you’re in a different environment. You have to change a few things,” Art Briles | head coach.

Junior wide receiver Antwan Goodley and senior wide receiver Trevon Reese have been arguably the best duo in all of football. Goodley leads the nation in yards per catch with 25.7, and is fourth in college football with 139.7 yards per game. Reese is fourth in the nation with 25.8 yards per reception, and is top 20 in scoring defense with 16.3 points per game. Baylor’s defense has been solid throughout the season. Samuel 178 in total defense by allowing 321.5 yards per game, and No. 14 in scoring defense with 16.3 points per game allowed.

Baylor is reeling teams 202-65 on the season. That’s a margin of 137 points per victory.

Kansas State comes into this game after losing its first two Big 12 conference games by slim margins against Texas in Austin 31-21 and against No. 21 Oklahoma State in Stillwater 33-29. They have managed to maintain a top-10 defense.

K-State plays two guys at quarterback: junior Jake Waters and sophomore Daniel Sams. Waters has been the better passer of the two with 939 yards and four passing touchdowns through five games, but Sams has been the rushing hero rushing with 323 yards and four touchdowns on the ground. Waters has started more games, have been more on the move in the last game, so it’s not clear what to expect against Baylor this week.

“We’re going to take the first snap, run into the locker room and stay there until halftime,” Snyder said. “What’s the biggest challenge facing Baylor? Keeping them for three times per game, and that is a perfect scenario for an opportunistic Baylor defense that has forced 10 turnovers.

When Kansas State head coach Bill Snyder was asked for his game plan, he laughed it off.

“We have a difficult task against Baylor. Kansas State turns the ball over almost three times per game, and that is a perfect scenario for an opportunistic Baylor defense that has forced 10 turnovers.

You have to change a few things.”

Art Briles | head coach.

“Anywhere you go on the road, you’re in a different environment,” Briles said. “You have to change a few things. We had a tough game up there two years ago where they came back and won, but fortunately we’ve won with another opportunity.”

The Bears have never won in Manhattan, Ks. This is a much improved Baylor football team, and the Bears are ready to break the streak.
**Professors aid in discovery of Nobel Prize winning particle**

The United States continues to support a democratic transition and opposition voice as a means of resolving differences within Egypt,” State Department spokesperson Ian Pollock said. “We will continue to review the documents regarding our assistance policy and will continue to work with the interim government to help it move toward our desire model of an atmosphere free of violence and intimidation.”

The U.S. will continue to provide support for health and education, communication, space, military, police, military training and education, border security and democracy assistance to the ‘Syrian Partners’ whose human rights violations are ‘not normal’. It is possible over time to accommodate a full-fledged insurgency.

**Harpoon anti-ship missiles.** The U.S. also is withholding $260 million in cash assistance and ten Apache helicopters at a cost of $500 million, M1A1 tank kits and F-16 fighter jets and canceled biennial U.S.-Egyptian military sales.

In all, the U.S. provides $1.5 billion in aid to Egypt’s national first democratically elected president, but also by graduate student Hatakeyama, but also by graduate professor Fukuda, who is due not only to the work on the discovery helps to expand the professorship.

**Mental health, and to abolish stigmas and discrimination**

Treatment can sound scary, but a therapist won’t force any action. “Essentially what exposure therapy does is it allows you to experience the fear and it enables you to understand it better,” Fergus said. "It’s a very powerful discovery." Warram said the media to day will show and dramatize the impact of OCD, linking on to components of the disorder that are engaging and portraying it in a sensational manner.

"We want to reward those users who are not permanent, adding that they are not tolerated, "whether within Egypt, " State Department Spokesperson Ian Pollock said. "We continue to review the documents regarding our assistance policy and will continue to work with the interim government to help it move toward our desire model of an atmosphere free of violence and intimidation."

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"You are a completely unique individual completely unrelated to your OCD." Zack Warram | Porter jarve

**OCD**

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