Drugs that may save brain cells undergoes tests

By Varina Zaizar

A toxicology scientist at Baylor is running a drug that may cure traumatic brain injuries for soldiers fighting on the battlefield.

Dr. Erica Bruce, assistant professor in the environmental sciences department, said the drug has the potential to treat the oxygen deficient condition of brain cells, which is commonly seen among military personnel living in an extreme environment.

A total of 27,324 people in the United States were diagnosed with traumatic brain injuries in 2013, according to the U.S. Department of Defense.

Bruce said the drug being tested, the composition of which is confidential, may increase the oxygen content in brain cells.

“When you have a traumatic brain injury, oxygen is deprived in that part of the brain,” Bruce said. “The brain does not organize cells. When you deprive the brain of oxygen, you kill those cells and you never get them back.”

She said the drug may also help in the wound healing process, which needs significant amounts of oxygen.

‘Soldiers in Iraq and Afghanistan have all kinds of environmental exposures like pesticides, particulate matters, dust, stoves, heat and dehydration,” she said. “Your hypothesis is all of these things together change the way your body heals.”

Bruce said she decided to do the test after she was approached by Hemotech, the company that invented the drug.

“Dr. Bruce is a very established scientist in her field, and as she is known to our research team, we felt we could trust the drug could succeed,” Bruce said. “We were interested in seeing whether the drug is viable in the human body.”

In July 2013, the drug was given to five military personnel in Central Texas that we have opportunities to work with and do some investigations with,” she said.

Bruce said the research team is trying to induce injuries in brain cells.

“Dalian, China, doctoral candidate Fan Zhang works in the lab. She is part of the group of scientists that are working on developing new neuroprosthetic devices for paralyzed individuals,” Bruce said.

Despite media trend, studies show decrease in domestic violence

By Hannah Neumann

For weeks, amid allegations involving several NFL players, domestic violence has been the focus of intense national attention. Does the violent act reflect a worsening epidemic of domestic violence, or has the U.S. in fact made great strides to curtail it? The answer is complicated.

On one hand, domestic violence continues to be a widespread issue in the United States. Accurate statistics are difficult to come by. Estimates vary, but it is clear that the problem affects millions of people, regardless of age, race, ethnicity, or socioeconomic status.

“While people who speak multiple languages are often thought of as diverse, people who use American Sign Language are sometimes thought of as disabled, a perception the deaf community would like to change,” said Dr. Larry Umberger, American Sign Language lab assistant, through interpreter Shirley Gerhardt and Kris Pullin.

“When people say to me ‘you can’t talk’ and look at me as though I have a disability,” she said, “you can’t call me a sign language user.”

Umberger said one of the greatest factors that drew him to Baylor originally was the equality he felt on campus and in the deaf community.

“I really appreciate feeling like an equal professional here,” Umberger said. “This is the only place I have been because of that identity. I’m needing interpreter services or access to something, I’m able to get in and those considerations came to mind when I was considering whether to work for Baylor or not.”

Umberger said another factor that contributed to his interest in Baylor was the absolute opportunity surrounding campus for student involvement in the deaf community.

“Students really get excited about the deaf community and the deaf culture that we offer here,” he said. “They can teach deaf children, they can offer advocacy to the community as a volunteer and there are activities and events in the deaf community here in Waco that they can attend. Those experiences they can't get anywhere else.”

Umberger and his wife Paula Umberger.

SEE DEAF, page 6

PAGE 2

"The company has decided to make efforts to enforce this policy, to the annoyance of some people. The emphasis on weeding out profiles with made-up names will be beneficial for the site," page 2

Online

Don’t Feed the Bears, our weekly sports podcast, is back.

Editorial: Facebook

"The company has decided to make efforts to enforce this policy, to the annoyance of some people. The emphasis on weeding out profiles with made-up names will be beneficial for the site," page 2

Multimedia

Check Out the Lariat’s video interview for Dead Awareness Week.
One day in my Christian Scien- tism (yes, this is a real thing) course, my professor mentioned arranged marriage within biblical cultures. Hereafter, I then went through a long list of biblical text, and kept pointing out how arranged marriage was the only way to get married in those times.

In these cultures. If a poor man and a poor woman wanted to marry, they would have to pay a dowry to the other's parents. This was to ensure that the marriage was a successful one. If the couple broke up, the dowry was returned. This way, there were no broken marriages. Parents would also be able to make sure that their children married someone from a similar social status.

However, this was not the case for everyone. There were also instances of women being forced into marriage against their will. This was especially common among girls from wealthy families. They were often given in marriage to older men, who were often already married.

This is why I believe arranged marriage is a thing of the past. In today's world, we have the freedom to choose our own partners. We are not bound by tradition or social norms. We can make our own decisions about who we want to spend our lives with.

It's important to note that there are still cultures around the world where arranged marriages are still practiced. But in our modern society, we have moved away from this tradition.

I am not saying that arranged marriages were not beneficial. They helped to ensure that marriages were successful and that children were raised in a stable environment. But in today's world, we have better ways of ensuring this.

In conclusion, I believe that arranged marriages are a thing of the past. We have moved away from this tradition and have found better ways to ensure successful marriages.

Sincerely,

[Your Name]
The Baylor Lariat wants you to
Dream Big and...
Professors receive awards for diversity

By Jon Platt

Professor of journalism, public relations and new media Moody-Ramirez said all the progress is possible because of Dr. Leta Storie, chairman of the media department, who oversees crisis response and drug-related issues. Moody-Ramirez, associate professor of journalism, presented Dr. Cassy Burleson with an award for having outstanding course speakers.

The study focused on 160 “ac"tive shooter incidents” between 2000 and 2013. These are typically defined as when a gunman in an attack shooter or attempt to shoot a person or group of people. The goal of the report, which excluded shootings that occurred in the past three years, was to compile data and report incidents to help local police prepare for or respond to similar killings in the future, said the colleagues.

“Those incidents, the large ma"jesty of them, are over in minutes. It’s going to have to be a teaching and training of the first teams, techniques and procedures to our area and local police,” said James J. Hinoe, an FBI assistant director. “It's not enough to just have a plan. You need to be trained to do the job.”

The Baylor Lariat


cientists have come forward on social media claiming that their coverage of the iPhone Plus has been increasingly dramatically in recent months, with many of those pointing to an apparent defect of the device appearing in people's pockets.

Apple, in a statement, read "What we see is that our devices are in the hands of people who are using them in different ways, and we're finding that some people are finding problems with their iPhone Plus." Apple declined comment when asked to do so.

Moody-Ramirez said that while the iPhone Plus has been the subject of some criticism, especially on social media, she believes the device is still a good product. "I think people are庑 great about it. It’s a great technology," she said. "But as with any technology, there are always going to be issues." She said her department is the first to receive complaints about the device, but that they don’t consider it a major issue.

The journalism, public relations and new media department’s focus on diversity is reflected in its new program, which Moody-Ramirez said is the first of its kind in the state.

“We’ve always had the diversity committee,” Moody-Ramirez said. “But, unfortunately, it’s been dormant for many years now and very few people are interested. We’re excited to bring it back and make it a stronger, more active committee.”

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TODAY IS THE LAST DAY TO SIGN UP FOR A MEMORY OF A LIFETIME!

RAPPY INTO BAYLOR HISTORY!

Deadline to Enter is TODAY! at 5:00 PM

*Winner must be available to participate on a given day or a new winner will be chosen by the Baylor Lariat. Zero cash value.
Deaf

1 page

Dr. Alissa Umberger, who is also deaf, has two daughters, Sophia and Alisa, ages 18 and 15 respectively. Both of their mothers have served in the U.S. military projects. "People just ask stupid ques- tions about deafness, like, 'Are you just pretending to be deaf so you can have a job?'" Umberger said. "And I don't understand what makes someone ask a question like that." Alisa said a common question people ask her and Sophia is why they like to have deaf parents. "He just asks normal people questions, "she said. "How to live. The only other problem is like if I'm home doing my homework and I'm in the bathroom with no toilet pa- per. That's when you know the real struggle comes. But I mean we just go the World Wide Web and we just get toilet paper."

Umbberger said there are spe- cific things associated with deafness, such as language, norms, the val- ues and expectations people have generation to generation. "We have these boxes of information," she said. "Like if you are deaf, people think you should be quiet and not talk, but I don't understand what makes someone ask a question like that." Alisa said a common question people ask her and Sophia is why they like to have deaf parents. "He just asks normal people questions, "she said. "How to live. The only other problem is like if I'm home doing my homework and I'm in the bathroom with no toilet pa- per. That's when you know the real struggle comes. But I mean we just go the World Wide Web and we just get toilet paper.

Poverty

2 pages

The prevention field. The latest federal figures for “serious” intimate partner violence — sexual assault or aggravated physical assault — showed 38,838 such in- cidents in 2015, or roughly 109 per day.

Many organizations that serve the victims are struggling with mostening demand, particularly in the last few years as the number of suspended Baltimore Ravens player Ray Rice’s games for his wife’s injuries, a former wife in restroom in a violent encounter, have a far more serious impact than the death. Victims’ lives could handle hardly half of the 9,000 calls that come during the eight days after the video was released.

"Statistically, we do not appear improb- able," asked the estimator’s question. "So, he wouldn’t have the desire to do it because in a sense he would feel as though he was bettering his dad culture and community."

The sharp decline in domes- tic violence reported in the 1996 enactment of the federal Violence Against Women Act, which toughened penalties for offenses and trained and reinforced law enforcement and improved services for victims. However, that drop in dom- estic violence coincided with a comparable drop in virtually all types of violent crime. Susan Latu- rmen, a criminologist professor at the University of Massachusetts at Amherst, said there’s been no au- thoritative research to gauge the drop in domestic violence.

The current situation is not much different. "People talk about the drop in domestic violence, but it has been so much more," said Nakia Collins, who now heads the National Network to End Domestic Violence. "We hope that if people get to the core of it, they want to change the way people think about domestic violence.

In India, for example, dom- estic violence prevention ad- vocates have mobilized in most days to prevent moves by the state government to cut or withhold funding for their programs. At the two shelters in爆破, about 10 people a day are pressed to the lack of beds and staff, she said. "We have sought to gallop the national perspective of a child whose life was being taken away. Set up in the trail- way, visitors will see the children's living feature of their journey, as well as materials from the U.S. to create a lifelike feature of their journey. Set up in the trail- way, visitors will see the children's living spheres, the National Domestic Violence Hotline.

Abuse

2 pages

The latest survey tallied 748,000 instances of intimate partner violence in 2013, includ- ing about 360,000 classified as "serious" in- cidents in 2013, or roughly 109 per day.

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Sarah Hyland files restraining order against ex-boyfriend

LOS ANGELES — The ex-boyfriend of actress Sarah Hyland was ordered to stay away from the “Modern Family” star after she said he choked and threatened her. An Oct. 10 hearing was set.

Hyland, 24, obtained the temporary restraining order Friday after a hearing in court papers that actor Matt Prokop had been verbally and physically abusive.

Prokop was ordered to stay 100 yards away from the actress, her home, workplace and dog, and not attempt to contact her.

Hyland said she was thankful to Baylor Nation for its support of her voice, but Davis said he is “really happy” with the final result.

In the final round, the winner was determined by popular vote.

The contest was presented by FMC Agricultural Solutions, a diversified chemical company serving agricultural, industrial and commercial markets. Jill Heggen, a public relations representative for the company, said the company began the contest as a way to invest in the future of farming.

Prokop, 24, co-starred with Hyland in the TV movie “Geek Charmers” and appeared in one episode of “Modern Family.” He also appeared in “High School Musical.”

The actress wrote that she tried to understand the relationship for several weeks but ultimately had to enlist the help of “Modern Family” actress Julie Bowen and others.

Brown, who plays Hyland’s ex-boyfriend, was present on Aug. 14 to help Hyland peacefully and the relationship before Prokop went into rehab the next day, the court filing states.

Prokop, however, made comments that his ex-girlfriend should be made to suffer so much she would kill herself, the court filing states.

Later that day, Prokop went to a house Hyland is building and threatened to drive through the garage door, set it on fire, and harm the actress’ Maltese dog, named Benedictly, the records state.

Prokop entered rehab the next day and was scheduled to be discharged over the weekend.

Hyland’s declaration states the rehab director advised her to get a restraining order against ex-Prokop before his mental state and attitude toward her.

Sarah Hyland files restraining order against ex-boyfriend Matt Prokop on Friday.
The pre-conference season has come and gone, and now the teams are starting to take shape. The league has been known for its parity, and this year is no different. All nine teams will have opportunities to win conference championships, and the conference tournament will be an exciting event.

The Jayhawks have a chance to win the conference title after missing last year's tournament. Despite losing the regular season home record, the team has a strong show of consistency on the road. Their consistency on the road is one of the reasons why they are heavily favored in this weekends’ match against Texas AM.

The Bears have the chance to win with a top-five spot in the Big 12 and a win in the Big 12 championship. The Bears have the chance to win with a top-five spot in the Big 12 and a win in the Big 12 championship.

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