PASADENA, Calif. (AP) - through the NASA Jet Propulsion The robotic explorer Curiosity's Laboratory late Sunday after signals
daring plunge through the pinkskkies
from space indicated Curiosity had $\begin{array}{ll}\text { daring plunge through the pink skies } & \text { from space indicated Curiosity had } \\ \text { of Mars was more than perfect. It } & \text { survived the harrowing plunge. }\end{array}$ of Mars was more than perfect. It $\begin{aligned} & \text { survived the harrowing plunge. } \\ & \text { landed with spectacular stye, said a } \\ & \text { "Touchdown confirmed," said }\end{aligned}$ NASA scientist, describing the firist images of its mechanical gymnastics.
Hours after NASA learned the rover had arrived on target, engineers and scientists got the first
glimpses of the intricate maneuvers glimpses of the intricate maneuvers it made to hit the Martian soil safely. NASA research scientist Luther Beegle. The photo, taken from an
orbiting Mars spacectaft, shows Cu riosity dangling from its supersonic parachute as it descended. Extraordinary efforts were nèdweighs one ton, and the Martian atmosphere is very thin, not offering much friction to slow the spacecraft down.
More images, including video
of the landing and beautiful of the landing and beautifuu color
shots of Mars, will follow in days to come. It will be weeks before Curiosity starts digging into the red
planet's past.
Cheers and applause echoed engineer Allen Chen. "We're safe on Mars."
on Mars.
Minutes after the landing signal
reached Earth at $10: 32$ p.m. PDT,
Curiosity beamed back the first Curiosity beamed back the first
black-and-white pictures from inside Clack-and-white pictures from inside
the crater showing its wheel and its the crater showing its wheel and its
shadow, cast by the afternoon sun. "We landed in a nice flat spot. Beautifull, really beautiful,", said engineer Adam Steltzner, who led the team that devised the tricky
landing routine landing routine.
It was NASA
It was NASA's seventh landing on Earth's neighbor; many other
attempts by the U.S. and other countries to zip past, circle or set down on Mars have gone awry.
The arrival was an engineering tourde force, debuting never-beforetried acrobatics packed into "seven minutes of terror" as Curiosity sliced
through the Martian atmosphere at $13,000 \mathrm{mph}$.

MARS continued on Pg. $2 \geqslant$
Sikh temple shooter said to be white supremacist


## Coat of Honor



TOP: DR. STEVEN Berk, the dean of the Texas Tech Health Sciences Cer Shol the annual White Coat Ceremony on Friday in the Lubbock Memorial Civic Center. During the ceremony, students are given their white coats to the annual White Coat Ceremony on Friday in the Lubbock Memorial Civic Center. During the ceremony, students are given their white coats to
symbolize their new responsibilities as astudent of medicine. ABOVE: Friends and families of new medical students take pictures of the Texas Tech Health Sciences Center School of Medicine class of 2016 at the end of the White Coat Ceremony.

By Caitlan osborn
STaff Writer $\quad$ White Coat Ceremony welcomes School of Medicine class of 2016
 white medical coats for the first time came from a pool of thousands of ap- mission trips across the globe, Berk said. moral code and to maintain the highas members of the Texas Tech Health Sciences Center School of Medicine
during the White Coat Ceremon during the White Coat Ceremony.
The White Coat Ceremony is nitiation rite established by the Amole P. Gold Foundation in 1993, designed to recognize sudents' responsibility to their patients prior to entering medical school. The HSC began its White Coat Ceremony tradition in 1997. Dr. Steven Berk, deán of the HSC
School of Medicine, said the Class of 2016 is the most comperitive class
plicants, and the chosen students were shining examp
perseverance.
$\qquad$ It salso, Ithink, a very diverse class sions and things that they've done," Berk said. "There's a lot of various impresive backgrounds." The Class of 2016 includes a law sudent, a member of a marching band tennis player and a contestant for Miss Rio Grande Valley. Some students have
military backgrounds, some completed

During the White Coat Ceremony, est level of interity bath profesion Dr. Lauren Cobbs, assistant dean for ally and within our communities student affairs, led the class in a cus- We humbly accent communities... tomized oath that the students wrote responsibility presestred by these white themselves. Tecats. We commit to this oath and we "As we accept this lifelong commitment, we the class of 2016 devote ourselves to the practice of medicine," they recited. "We will serve with compassion while respecting the unique bistories, cultures and beliefs of our patients and their loved ones, knowing
that our conduct is responsible for the
ommit to the betterment of ourselves, our peers and humanity:
Berk welcomed the Class of 2016 and reminded the students that the purpose of entering a medical profession to provide service to others.

CEREMONY continued on Pg 2


| INDEX |
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| Classifieds................... 3 |
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| Sudoku.............. |


| WEATHER |  |
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| Today | Partly |
| Cloudy | Wednesday |
| T-storms |  |
| AM |  |
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Phelps collects 18th gold medal in final race NEWS, Pg. 3

BEEF BUTCHER


TYLER NEUMAN, A sophomore animal science major from Hondo, trims fat from beef in the Gordon W. Davis Meat Science Lab on Monday.

## Shooter $\downarrow$

CONTINUED FROM PAGE 1 "I'm not a nosy kind of guy," Rackley said. "When he stayed with my music. But my son plays alternative music and periodically I'd have to coll them because I could hear more than I wanted to hear." Page joined the military in Mil-
waukee in 1992 and was a repaiman waukee in 1992 and was a repairman
for the Hawk missile system before switching jobs to become one of the Army's psychological operations specialists, according to the defense official.
So-called "psy-ops" specialists are
responsible for the responsible for the analysis, develop-
ment and distribution of intelligence ment and distribution of intelligence
used for information and psychologiused for information and psychologi-
cal effect. Fort Bragg, N.C., was among cal effect. Fort Bragg,N.C., was am
the bases where Page served. The FBI, which was leading the investigation because the shootings are being treated as domestic ter-
rorism, or an atrack that oricinated rorism, or an attack that originated
inside the U.S., said it had no reason inside the U.S., said it had no reason
to believe anyone other than Page
was involved.
Satpal Kaleka, wife of the temple's
president, Satwant Singh Kaleka, was president, Satwant Singh Kaleka, was in the front room and saw the gun-
man enter the temple, according to man enter the temple, according
Harpreet Singh, their nephew Harpreet Singh, their nephew.
"He did not speak, he just began shooting," said Singh, relaying a description of the attack from Satpal Kaleka.
Kaleka said the 6 -foot bald white
man - who worshippers said they man - who worshippers said they
had never before seen at the temple had never before seen at the temple knew where he was going. "We never thought this pen to our community," said Devendar Nagra of Mount Pleasant, whose sister escaped injury by hiding as the gunman fired in the temple's kitchen. "We
never did any hing wrong to anyone" never did anything wrong to anyone."
Late Sunday, the investigation Late Sunday, the investigation
moved beyond the temple as police moved beyond the temple as police, federal agents and the county sheriff s
bomb squad swarmed a neighborhood in nearby Cudahy, evacuated several homes and searched a duplex. Bureau of Alcohol, Tobacco, Firearms and
Explosives agent Tom Ahern said Explosives agent Tom Ahern said
warrants were being served at the


Today's


Student Resolution Center
"Relativity applies to physics, not ethics" Albert Einstein
man's home. Residents were allowe to return to their homes Monday.
During the chaotic hours after During the chaotic hours after
the first shots were fired, police in tactical gear and carrying assault rifles
surrounded the temple with armored surrounded the temple with armored
vehicles and ambulances. Witnesses stricles and ambuled with unrealized. Wears that
several shooters were several shooters were holding women and children hostage inside.
The first officer to respond was shot eight to nine times with handgun as
the officer tended to a victim outside the officer tended to a victim outside.
A second officer then exchanged gunfire with the suspect, who was gunfire with the suspect, who was
fatally shot. Police had earlier said
and the officer who was shot killed the suspected shooter.
The wounded
The wounded officer was in critical condition along with two other
victims early Monday, authorities said victims early Monday, authorities said.
Tactical units went through the Tactical units went through dead
temple and found four people dead inside and two outside, in addition to
the shooter.
Jatinder Mangat of Racine, a nephew of the temple's president, said when he learned that people had died,
"it was like the heart just sat down" "it was like the heart just sat down."
Balginder Khatrra of Oak Creek, said Monday that his 84 -year-old fa-
ther, Suveg Singh Khattra, was among ther, Suveg singh Khattra, was among
the six people police said were killed. 'Khattra says his father didn't speak

## Ceremony

 CONTINUED FROM PAGE 1"In time, you will appreciate the wisdom of Dr. William Peabody ... who
said that medicine is not a said that medicine is not a trade to be
learned, but a profession to be entered," he said. "Remember that you did not choose medicine to own a large home or become famous or important. You chose
medicicie because you ... are interested in medicine because you... are interested in healing mind, body and spirit."
Dr. Thomas McGovem Dr. Thomas McGovern, director of the Center for Ethics, Humanities and
Spirituality, provided the benediction Spirituality, provided the benediction.
He said the students have been initiated in asacred calling by practicing medicine. "All have been expressed in a sacred

Mars $\downarrow$
CONTINUED FROM PAGE 1 In a Hollywood-style finish, ca-
bles delicately lowered the rever bles delicately lowered the rover to
the ground at a snail-paced 2 mph the ground at a snail-paced 2 mph .

- video camera was set to capture the most dramatic moments
which would give Earthlings their which would give Earthlings their
first glimpse of a touchdown on another wofld. JPL Director Charles Elachi compared the team to Olympic
athletes. athletes.
"This te gold," he said.
The extraterrestrial feat injected a much-needed boost to NASA, which is debating whether it can afford another robotic Mars
landing this decade. At a budgetlanding this decade. At a budget-
busting $\$ 2.5$ billion, Curiosity is busting $\$ 2.5$ billion, Curiosity is
the priciest gamble vet, which the priciest gamble yet, which
scientists hope will pay off with a bonanza of discoveries and pave the way for astronaut landings. "The wheels of Curiosity have begun to blaze the trail for human
footprints on Mars" said NASA footprints on Mars," said NA
chief Charles Bolden. chief Charles Bolden
President Barack
ed the landing in a statement, calling it "an unprecedented feat of technology that will stand as a point of national pride far into the future."
osity will drive over to a mountain rising from the crater floor, poke into rocks and scoop up rust-tinted soil to see if the region ever had the right environment for micro-
scopic organisms to thrive. It's the
promise which enshrines their hopes and dreams of service to humankind," he said. "Youve committed yourselves to a
life of service beginning with four years of training, where you will be presented with all the challenges that lie ahead. May cis caybee aspecial day of memory-
making and memor-keeping, which we making and menork keeping, which we
all enshrine in our hearts." Benjamin Elberson, from Frisco, said he was excited and proud to bea member of the White Coat Ceremony. "Tve always had an interest in it, through my intermships and different opportunities I've had," he said. "That love the gerew. Its sa commitment to improving Kelsey Brinkley, from Rowlett, said
she feels grateful to evervone who has quest to find out whether primi-
tive, life arose early in the planet's history.
The voyage to Mars took more than eight months and spanned
352 million miles. 352 million miles. Spirit and Opportunity lass, twins Spirit and Opportunity, weighed
much less and were easier to land back in 2004, cocooned in air bags. Curiosity recied on a series of braking tricks, similar to those used by the space shuttle, a heat
shield and a a shield and a supersonic para-
chute to slow down as it punched chute to slow down as it punche And in a new twist, engineer came up with a way to lower the rover by cable from a hovering rocket-powered backpack. At touchdown, the cords cut and the
rocket stage crasked it distance rockett stage craskied a distance
away. The nuclear-powered Curiosity the size of a small car, is packed
with scientific tools, with scientific tools, cameras and a weather station. It sports a robotic arm with a power drill, a laser that can zap distant rocks, a chemistry lab to sniff for the chemical build ing blocks of life and a detector to measure dangerous radiation on
the surface. It also tracked radiation levels during the journey to help NASA better understand the risks as-
tronauts could face on a future manned trip.
There will be several There will be several weeks of
health checkups before the six health checkups before the six
wheel rover takes its first shor wheel rover takes its first short
drive and flexes its robotic arm. The landing site near Mars' equator was picked because there
are signs of past watereverywhere helped her on her way to study medicine
"I had a great education and a family that supported me andhelped me achieve my gool," shesaid. "Tve known sincel was aboutsix years old ( (hat I wanted tostudy medicine). I've just always been fascinated by the human body and my mom's
a physical therapist, soits always uust kind aphysical therapist, soits salways just kind
of been where my life was going." Berk said there are a range of skil and experiences the sudents will have during the course of their time at medical school, where they will expand their knowledge and work to better serve the people they care for.
"Really what weh
Really what we hope for them is that best possible physicians," he said the th best possible physicians," he sain
meeting one of the requirements
for life as we know it. Inside Gale meeting one of the requirements
for life as we know it. Inside Gale
Crater is a 3 -mile-high mountain Crater is a 3-mile-high mountain, and images from space show the base appears rich in minerals that formed in the presence of water.
Previous trips to Mars have Previous trips to Mars have
uncovered ice near the Martian uncovered ice near the Martian
north pole and evidence that water once flowed when the planet was wetter and toastier unlike today's harsh, frigid desert environment. Curiosity's goal: to scour for basic ingredients essential for life including carbon, nitrogen, phos-
phorus, sulfur and oxygen. It's not equipped to search for living or fossil microorganisms.
The mission comes as NASA retools its Mars exploration strategy. Faced with tough economic times, the space agency pulled out of partnership with the Eu-rock-collecting rover in 2018. The Europeans have since teamed with the Russians as NASA decides on a new roadmap.
Despite Mars' reputation as a spacécraft graveyard, humans continue their love affair with
the planet, lobbing spacecraft in search of clues about its early history. Out of more than three dozen attempts - flybys, orbiters and landings - by the U.S., Soviet Union, Europe and Japan since the 1960s, more than half have ended disastrously.
One NA
fied expectations is Opportunity which is still busy wheeling around the rim of a crater in the Martian southern hemisphere eight years


## Correction

In Thursday's issee, the article "SGA constitutional toreinstate the position of
Supreme Court justice rule in favor of Supreme Court justice rule in favor of graduate vice president while the Sudent
reinstating elected position," it should
Senate was in a ceess period" The reinstating elected position," it should
havesaid the Supreme Courtruled it was

 Senate was in a
regrets





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## Phelps collects 18th gold medal in final race

LONDON（AP）－As if 22 medal ceremonies over the last three Olympic ceremonies over the last three Olympics

weren＇t enough，Michael Phelps was
summoned hack to the pooldeck for one summoned back
more accolade．
This time，he received a trophy rather hhan a medal，an award that sought to
sum up a career like no other sum up a career like no other．
＂To Mo Michael Phelps，＂st said，＂the greatest Olympic athlete of
Too bad it was silver Too bad it was silver．
Gold was the only color for this guy． In a final race that was more a corona－ tion than a contest，Phelps headed into retirement the only way imaginable－ withan 18 th gold medal．Reclaiming the lead with his trademark butterfly stroke， 15 －year－old in Sydney a doren years ago， he capped off a mind－boggling career with avictory in the $4 \times 100$－meter medley relay Saturday． ＂＇ve been able to do everything that wanted，＂Phelps said．
When it was done
When it was done，he hugged his
ceammates－Matt Grevers，Brendan Hansen and Nathan Adrian－before heading off the deck for the final time in his hip－hugging swimsuit．He waved to the crowd and smiled，clearly at peace with his decision to call it a caree．
And what a career it was． nal cherry on top tonight，put all the whipped cream I wanted and sprinkles． I was able to top off the sundae，＂Phelps said．＂It＇s been a great career．It＇s been a great journey．I can＇t be any more happy
than I amm．＂ Phelps retires with twice as many total of 22 medals is easily the best mark，too．He can be quite proud of his final Olympics as well，even though here were times he had trouble staying old medals at the Beijing Games four years ago．
The 27 year－old could surely swim
n for another Olympics，maybe two but there＇s really no point．
＂I told myself $f$ never want to swim
hen I＇m 30 ，＂Phelps said．＂No offense those people who are 30，but that was something I always said to myself，and watht to swim for those ethree years．＂ He hugged his longtime coach，Bob pered three words that said it all，＂I love yu．．Their partnership was formed 16 ceas ago，when Bowman took a gangly， nd helped tum him intorimarygifi ikes of which the world had never seen． ＂Bob and I have somehow managed do every single thing，＂Phelps said． ＂If you can say that about your career，
theres no need to move forward．Time for other things．＂
Bouncing back from a disappointing first race in London，a fourth－place fin－
ish in the 40 individual medley，Phelps wound up with more medals than any other swimmer at the games：four golds

## Ind two silver． Sounds familiar．

Sounds familiar．
＂Honestly，the first race kind of took the pressure off＂，＂owmman said．＂If it＇s not
going to oo too well，we should teast
have fun while we＇re here．That helped
us relax a little bit，then he started swim－ us relax a little bit，then he started swim－ ming well in the relays and he picked it ap again．
front on the opening backstroke leg， but Kosuke Kitajima put Japan slightly， ahead going against Hansen in the breaststroke．Not to worry，not with
Phelps going next． Phelps going next．
He surged thro
He surged through the water in the
Av，handing off a lead of about a quarter fly，handing off a lead of about a quarter
of a second to Adrian for the freestle anchor．The Americanss won going away in 3 minutes， 29.35 seconds，just off their own Olympic record from Beiing．
Japan held on for silver in $3: 31.26$ ，with Japan held on for silver in $3: 31.26$ ，with
Australia taking he bronze in $3: 31.68$ ． Australia taking the bronze in $3: 31.68$ ．
The U．S．men had never lost the The U．S．men had never lost the
medley relay at the Olympics，and they
weren＇t about to now on the final night werent about to now on the final night
of swimming at the Olympic Aquatics Centre，on the final night for such a momentous athlete．
How momentou
How momentous？The governing
body of swimming，FINA，broke with body of swimming，FINA，broke with
Olympic protocol to present Phels with Olympic protocol topresent Phelps with
an award recognizing his entire body of work．While a video montage played on work．While a video montage played on
the board，he made one more victory lap
around the pool，even stoppping off again around the pool，even stopping off again time on during the Olympics．
＂Wow，＂he said．＂I couldn＇t ask to finish on a better note．＂ Phelps kept a journal during his last
Olympics．He was asked what he would write in it on this day． ＂I could probably sum it up in a
couple words $-I$ did it，＂he said．II
haven＇t writen too much this week．Im tind of taking everything in One of the moments hell remember： All the swimmers from the other relay： teams lining up to shake his hand behind whe blocks once he was done．
＂trs kind of cool＂Phel ＂lts kind of cool，＂Phelps said．＂The beest part of the Olympics is you have competing in the best sporting event ever．That＇s just something you don＇t ever．That＇s jus
see every day，＂
We may nev
again．
Of course，he was peppered with uestions about a was peppered with a year when lan Thorpe and Janet Evans both failed in their attempts to make it back to the Olympics after long layoffs． ＂I don＇t think so，＂Bowman said． We＇ve had agreat end to ggreat run and theres not much more he can do，I guess
if he finds after a few years he＇s searching if he finds after a few years hes searching for something and thinks he can find in don＇t think he will．I think he＇s ready to explore other things．He＇s done all he can do here．＂
Phelps wasn＇t the only star of the night．Missy Franklin capped off a bril－ liant Olympic debut by helping the U．S． take gold in the women＇s 400 medley relay－with a world－record dime，no less．
The 17 －year－old Franklin，who will begin her senior year of high school when she gets back to Colorado，seems destined to be America＇s new star in the post－Phelps era after takingfour golds，ty－ ing Amy Van Dyken at the 1996 Atlanta Games for the most by a U．S．female
swimmer．The youngster also picked up a bronze while swinming seven events －the same number as Phelps．

A definite bit of symmetry there，
though Franklindoubts anyone can ever though Franklind
replace Phelps． replace Phelps．
＂I don＇t think his shoes will ever be filled．They＇re so huge，＂Franklin said． ＂Hopefully I can make little paths next to him．＂ And lets not forget Allison Schmitt，
another swimmer with another swimmer with ties to Phelps．
They trained together over the past year They trained together over the past year
in Baltimore，becoming fast friends with all their goofy antics．But they sure took al their goofy antics．But they sure took
care of business in the pool，with Schmitt winning three golds，a silver and a bronze in London． The Americans dominated the
medal count at the pool finishing medal count at the pool，finishing with
16 golds and 30 medal soverall． 16 golds and 30 medals overall． Franklin grabbed the lead right
away in the backstroke，Rebeca Soni away in the backstroke，Rebecca Soni
stretchedout the advantage in the breast， Dana Vollmer cauised through the fly ynd
Schmitt finished it off in the free pulling Schmitt finished it off in the free，pulling
away for $a$ a away for a time of $3: 52.05$ ，beating the
mark of $3: 52.19$ set by China at the 2009 mark of $3: 52.19$ set by China at the 2009
world championships． world championships．
It was the second the night and ninth of the Olympic meet，proving that fast times are still possible even without banned high－tech bodysuits．
Chinas S
Chin＇s Sun Yang sprinted to the
finish of the sport＇s most finish of the sport＇s most grueling race to
crush the world record he already held crush the world record he arready held
in the 1,500 frestyle，putting his own stamp on the games with a stunning time stamp on hee games winasunningtime
of $14: 31.02$ ．
That beat his mark from last year＇s． That beat his mark from last year＇s．
world championships by 3.12 seconds． Sun captured his second gold of the
meet，adding to a sold in the 400 free ． He meet，adding to agold in the 400 free．He was part of the bronze medal－winning was part of the bronze medal
team in the $4 \times 200$ free relay．

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ROTOR RESEARCH


PHOTO BY SCOTT MACWATTERS／The Daily Toread ROY GOLLAHON，AN incoming freshman pre－engineering major
from Lubbock，and Expee White，a senior at Estacado High School， test a quad－rotor helicopter they＇re working on in the Engineering Key on Monday．Gollahon and White are working on the quad－rotor as part


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＂Even the most rational approach to ethics is defenseless if there isn＇t the will to
do what is right．
～Alexander Solzhenitsyn

## Classifieds




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