

**SPECIAL
EDITION**

Aggielite

**SPECIAL
EDITION**

www.msocok.edu

Murray State College

8/18/17

WELCOME HOME



Welcome **HOME** to Murray State College!

Good luck this semester! Let us know if you
need anything!



Solar Eclipse with Professor Wesley Reddish

Written By: Wesley Reddish

Perhaps you've heard of the coming solar eclipse about to cross the continental US. This will be the first in some time. Here in Oklahoma, we will not see the total solar eclipse – the moon will block out most of the sun, but not quite all.

The eclipse shadow will begin over the North Pacific and cross the coast line just south of Portland. Some of the larger cities that will experience full shadow (if even for a short time) are: Salem OR, Casper WY, Columbia MO, Nashville TN, Greenville SC, Columbia SC, and Charleston SC. Lincoln NE and KC Missouri are just barely outside the path of totality.

Now if you want to see a total eclipse, and you can't make this one – just wait six more years until April of 2024. A total eclipse beginning in the Equatorial Pacific will come up through Mexico and Texas, cross the southeast corner of Oklahoma (MSC will be just a bit outside – but only by an hour's drive!) before crossing into the northeastern US and exiting the North American continent through New Brunswick Canada.

An eclipse occurs whenever the moon passes directly between the Earth and the Sun. This can only happen during a New Moon phase, but not every New Moon. The Moon's orbit is tilted with respect to the Earth's orbit around the Sun, so most of the time the Moon is above or below the line from Earth to the Sun, and no eclipse occurs. If the Moon is too near the Earth in its orbit, the observer sees an annular eclipse instead of a total eclipse – the outer edges of the Sun extend around the outer edges of the moon and form a 'ring of fire.'

Meanwhile, here at MSC on the 21st, we will see an uncommon sight, even if it is not a total eclipse. Starting at 11:39 a.m. on Monday, August 21st (second Monday of classes) the Moon will begin to pass in front of the Sun. This will look like a bright circle slowly being taken over by a dark circle. *Maximum coverage will occur at 1:08 p.m. when the Moon is blocking 80% of the Sun. By 2:38 p.m., the Moon will have completely passed the Sun.*

Even at maximum blockage, the 20% of the Sun still shining past the curve of the Moon is more than sufficient to cause permanent retinal damage. Take the proper safety precautions to view this rare astronomical event. *The school will be hosting a viewing party on the North Lawn (north of the Administration building, east of Student Services).* VP Henthorn has secured the proper ISO certified solar viewing glasses. All students are welcome to join us there to see the eclipse. A few additional expedient measures for eclipse viewing will also be demonstrated.



Musing on the Histories of Eclipses

Written By: Rebecca Jacobs-Pollez

Monday, August 21 we will see the first total eclipse of the sun over the United States since February 26, 1979. Eclipses have influenced history at many different times. Usually eclipses were associated with bad omens or portends. A few are more important or interesting than others and the following discussion reflects Dr. Jacobs-Pollez choices for some of the most interesting.

In early China solar eclipses were thought to be associated with the health and success of the emperor, and failing to predict one put him in danger. Alas, the inability of astrologers Hsi and Ho to predict the solar eclipse that probably occurred on October 22, 2134 BCE had fatal results - for them, not the emperor. The possibly apocryphal story says they were either hanged or beheaded. This is possibly the oldest solar eclipse ever recorded in human history. The beheading did not deter later astrologers and by 20 BCE, the Chinese had determined what caused eclipses and by 8 BCE were making some predictions of total solar eclipses.

Imagine you lived in Ugarit (modern northern Syria) nearly three thousand four hundred years ago, probably as a farmer with a small plot of land. The sun passes across the sky every day, warming your beans and onions. Occasionally a storm or clouds dim the sunlight. What do you think when in the middle of a random, seemingly ordinary day, the sun begins to blacken and disappear, almost as if it had fallen into a deep hole. It was almost certainly terrifying. Scribes writing in soft clay on small cuneiform tablets recorded that such an eclipse occurred Mesopotamian in 1375 BCE (3,392 years ago). This was probably the first accurate recording of an eclipse.

Continued....

The word eclipse comes from ekleipsis, the ancient Greek word for being abandoned. Herodotus (c. 484–c. 425 BC), considered the father of history, described several eclipses including the one that occurred during a battle between the Medes and the Lydians in the early 6th century BCE. The shock of watching day suddenly turn into night seemed like an omen from the Gods, a warning that the six-year war needed to cease. Taking the omen seriously, both parties lay down their arms and negotiated a peace treaty. Since modern people tend to stare at any astonishing event, we can guess that the ancient Lydians and Medes did also. Herodotus did not record the resulting number of cases of blindness. Herodotus did claim that Thales of Miletus, often considered the first Greek philosopher, predicted the year of the eclipse. Most modern scholars believe that astronomical knowledge at the time was not sufficient for Thales' prediction although a number of theories have been made to try and explain it. The Alexandrian Claudius Ptolemy (ca 100-170 CE) who is often ranked as the epitome of Greek astronomy, had a sophisticated method for predicting both lunar and solar eclipses. His Almagest is the only surviving comprehensive ancient treatise on astronomy.

One eclipse, perhaps the most famous, still causes heated arguments today. The gospels of Mark, Matthew, and Luke seems to describe an eclipse that occurred during Christ's crucifixion. Both ancient and modern scholars have tried to explain these, but there is no fully satisfactory explanation. Solar eclipses near Jerusalem occurred in the years 29 and 33, but neither happened during Passover. Some scholars have offered alternative explanations for the dimming of the sun. Many people simply accept the event on faith.

In more recent times, the first photograph of the Sun's corona was taken by a Prussian photographer called Berkowski only July 28, 1851. Another photograph by British astronomer and mathematician, Sir Arthur Eddington, proved Albert Einstein's theory of general relativity. Eddington took pictures of stars near the sun during the totality solar eclipse of May 29, 1919 and showed that gravity can bend light, a phenomenon called gravitational deflection.

You can explore the following links if you would like more information:

<https://eclipse.gsfc.nasa.gov/SEhistory/SEhistory.html>

<https://eclipse.gsfc.nasa.gov/SEcat5/SE0001-0100.html> (this site has links to many others)

<https://eclipse2017.nasa.gov/eclipse-who-what-where-when-and-how>

<http://www.popularmechanics.com/space/moon-mars/a26967/history-of-the-solar-eclipse/>

Student Success Center

The MSC Library is being renovated to create a new Student Success Center.

While construction is underway, *library resources, computer labs and tutoring services* may be found in the **Library Science (LS) Building, Room 119**.

The **testing center** can be found in the **Classroom Building (CB), Room 202**.

Thank you for your patience while construction is underway!

For help navigating campus, refer to the updated campus map in your MSC Student email

Upcoming Events

MONDAY, AUGUST 21:

- Mandatory Housing Meeting and Fire Drill - 8 p.m. - Aggie Ballroom
 - Eclipse Watch Party - 11:30 a.m. to 2:30 p.m. - North Lawn

TUESDAY, AUGUST 22:

- Table Games at UCSO - 10:30 a.m. to 12:30 p.m.
 - CFFA Officer Elections - 11:45 a.m. - LS 111
- M. Soccer v. Western TX College - 3 p.m. - Snyder, TX
- SVA Meeting - 4 p.m. - SS 218 & UCSO, Room 9 (Old Building)
- Soccer Cookout- 4 p.m. - MSC Soccer Field (Tishomingo)
 - W. Soccer v. Cedar Valley - 5 p.m. - HOME

• WEDNESDAY, AUGUST 23:

- N/A

THURSDAY, AUGUST 24:

- Outdoor Water Games - 6:30 p.m. - Outdoor Courts

FRIDAY, AUGUST 25:

- Drop Period Ends
- M. Soccer v. Austin College - 7 p.m. - Sherman, TX
(Student van leaves at 5 p.m. and will return at 11 p.m.)

SATURDAY, AUGUST 26:

- W. Soccer v. Mountatin View - 2 p.m. - Dallas, TX

Mark your Calendars!



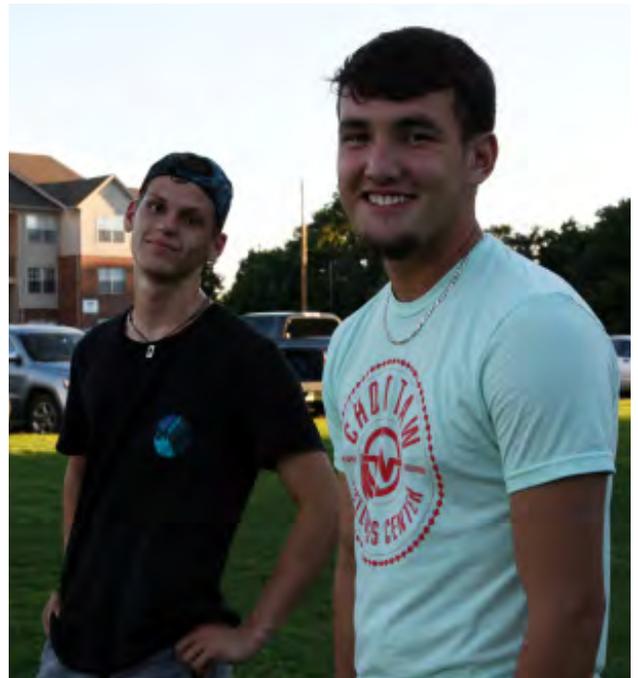
MSC SOCCER

FIRST HOME GAME OF THE SEASON!

W. Soccer v. Cedar Valley @ 5 p.m.

Enjoy Aggie Soccer and a COOKOUT!

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The Spiral Staircase Auditions



Interested in auditioning for The Spiral Staircase? Contact Lisa Coulter for scripts and more information at lcoulter@mscok.edu or 580.399.6430!

ALL experience levels welcome!

Aggie Open

MURRAY STATE COLLEGE 2ND ANNUAL
AGGIE OPEN
GOLF TOURNAMENT
AT TISHOMINGO GOLF AND RECREATION CLUB
September 9th, 2017

5-PERSON, 18-HOLE SCRAMBLE**
• Teams Drawn by Handicap
• Limited Field - Entry Deadline: September 1st, 2017
• NO Exceptions to Entry Deadline
• NO High School or Collegiate Golfers
• NO Individuals Under 21 Years of Age Allowed to Attend
• Pick All Smith on Hole 4/Greene Bets on Hole 7
• No requests will be granted for team partners; all teams will be drawn September 9th, 2017

• ENTRY FEE: \$125 PER PLAYER

SCHEDULE
• Registration: 8:00 a.m.; Team Drawings: 8:30 a.m.; Tee Off: 9:00 a.m.

CASH AND PRIZES AWARDED FOR:
• Closest to Pin/Longest Drive/Top Jar Guessing Game

PRIZES AWARDED FOR ANY HOLE-IN-ONE:
• Holes 4, 7, 13 and 16

BREAKFAST & LUNCH PROVIDED
FREE REFRESHMENTS (limit six tickets)

PROCEEDS GO TO MSC ATHLETIC SCHOLARSHIPS

** Sponsors: It is imperative that each player listed on an entry form be present to play. If a player must be substituted, please call.

Justin Cellum at (580) 387-7585 or jcellum@mscok.edu

ATTENTION GOLFERS: Please join us for our 2nd Annual Aggie Open Golf Tournament on Saturday, September 9!

ALL PROCEEDS benefit MSC Athletic Scholarships!

Entry Deadline - September 1, 2017

Student Activities



Pick-Up Softball
Every Monday at 7 p.m.
(Bring your own glove if you have one!)

Student Government Meeting
Tuesday, August 29, at 6 p.m.
Tishomingo: SS 218
Ardmore: Annex, Room 9

Student Life Golf Tournament
Thursday, August 31
2 to 4 p.m.
Meet at the Tishomingo Golf Course

Upcoming Events

MONDAY, AUGUST 28:

- Pick-Up Softball - 7 p.m. - Softball Complex

TUESDAY, AUGUST 29:

- SGA Meeting - 6 p.m.- Tishomingo: SS218 & Ardmore: Annex, Room 6

WEDNESDAY, AUGUST 30:

- M. Soccer v. Richland - 8 p.m. - Dallas, TX

THURSDAY, AUGUST 31:

- W. Soccer v. Mountain View - 4 p.m. - HOME
- Student Life Golf Tournament - 2 to 4 p.m. - Tishomingo Golf Course
 - Pi Society Picnic - 5 p.m. - Tishomingo Wildlife Refuge

FRIDAY, SEPTEMBER 1:

- N/A

SATURDAY, SEPTEMBER 2:

- N/A

SUNDAY, SEPTEMBER 3:

- N/A



Campus will be closed on
Monday, September 4, 2017!

Enjoy the
THREE-DAY WEEKEND!

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Soccer Game Cookout



Support Aggie Soccer on Thursday, September 7!

Celebrate the first conference games of the season with a **FREE COOKOUT** starting at 1 p.m.!

Lady Aggies - 2 p.m.

Aggies - 4 p.m.

Suicide Prevention Presentation



A Suicide Prevention Presentation will be held in Fletcher Auditorium from 9 to 11 a.m. on **Friday, September 8.**

FREE ADMISSION

Donations for Hurricane Harvey Victims

A poster for Murray State College (MSC) Hurricane Harvey Victims. It features the MSC logo and the text "How YOU Can HELP". It lists various items to donate, such as toiletries, non-perishable foods, and bottled water. It also includes a list of drop-off areas: Ardmore (MSC Advisement Suite and Back of Library), Tishomingo (GRIND and Financial Aid Office), and Tishomingo (GRIND and Financial Aid Office). A graphic of two hands, one blue and one red, is shown holding each other.

MSC How **YOU** Can **HELP**
MURRAY STATE COLLEGE Hurricane Harvey Victims

DONATE
Toiletries, non-perishable foods, and bottled water!

Donation Deadline: September 12 @ 5 p.m.

For the **BABIES**...
Baby Diapers
Baby Formula
Baby Wipes

Drop Off Areas
Ardmore –
MSC Advisement Suite (New UCSO BUILDING)
Back of Library (OLD UCSO Building)

Tishomingo –
GRIND
Financial Aid Office

We are gathering supplies for Hurricane Harvey victims until 5 p.m. on **Tuesday, September 12.**

Drop Off Areas

Ardmore –
MSC Advisement Suite (New UCSO BUILDING)
Back of Library (OLD UCSO Building)

Tishomingo –
GRIND
Financial Aid Office

Upcoming Events

MONDAY, SEPTEMBER 4:

- Labor Day

TUESDAY, SEPTEMBER 5:

- N/A

WEDNESDAY, SEPTEMBER 6:

- N/A

THURSDAY, SEPTEMBER 7:

- Soccer Cookout - 1 p.m. - MSC Soccer Field
 - W. Soccer v. NEO - 2 p.m. - HOME
 - M. Soccer v. NEO - 4 p.m. - HOME

FRIDAY, SEPTEMBER 8:

- Suicide Prevention Presentation - 9 to 11 a.m. - Fletcher Auditorium

SATURDAY, SEPTEMBER 9:

- Aggie Open Golf Tournament - ALL DAY - Tishomingo Golf Course

SUNDAY, SEPTEMBER 10:

- W. Soccer v. NOC - 2 p.m. - Tonkawa, OK
- M. Soccer v. NOC - 4 p.m. - Tonkawa, OK

Aggie Shout-Outs

Special THANK YOU from MSC Pi Society...

“We would like to thank everyone who took the time to come out to our Back to School Cookout! We had a blast and could not have done it without you!”

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Constitution Day Presentation



Check out the Constitution Day Presentation at
NOON

TODAY, September 18!

Tishomingo: SS 213
Ardmore: UCSO, Room 9

Women's Soccer to Play Match to Benefit MS Research



MSC Women's Soccer will play a benefit game on Sunday, September 24, 2017 at 2 p.m. with all proceeds benefiting the **National Multiple Sclerosis Society.**

[GoFundMe>>>](#)

[Jersey Auction Site>>>](#)

Aggies Gather Hurricane Harvey Relief Donations



Our Ardmore and Tishomingo campuses went above and beyond the call with **Hurricane Harvey donations!**

Pictured left are three vehicles loaded down with your generous donations!!

What's going on in **AGGIELAND** this week?

MONDAY, SEPTEMBER 18:

- Constitution Day Presentation - NOON - SS 213 & UCSO, Room 9
 - Pickup Softball - 7 p.m. - Softball Complex

THURSDAY, SEPTEMBER 21:

- W. Soccer v. Seminole State College - 2 p.m. - HOME

SUNDAY, SEPTEMBER 10:

- SPECIAL MATCH for **National Multiple Sclerosis Society**
W. Soccer v. Redlands CC - 2 p.m. - HOME

AGGIE ATHLETICS

Murray State - 4
Eastern - 0



Women's Soccer brought home a
SHUTOUT WIN against
Eastern Oklahoma State College this weekend!

Men's Golf finished in third place at the UC Ferguson Classic and Alistair Snowdon (pictured left) finished with a second place individual finish!



Cultural Events Committee Calendar



Ardmore Little Theatre's production of *Little Women* is coming to MSC's Fletcher Auditorium on **Tuesday, September 26.**

The performance begins at 7 p.m. and is **FREE** to students and community members.

The Cultural Events Committee is inviting faculty, staff and students to attend a lecture at Texas Christian University by Eboo Patel, founder of the Interfaith Youth Core. This event will take place at 7 p.m. in Ft. Worth on October 3, 2017. The group will leave MSC at 2:30 p.m. and return at approximately 10:30 p.m. Transportation and the lecture are free, but participants will pay for their own meals. Please register in CR 203 (business) or in the Fine Arts Building. Contact Dr. Robbie Pearson for more information at rpearson@mscok.edu or 580.387.7454.



The Cultural Events Committee will host a Harvest Moon Festival from 6:30-9 p.m. on Wednesday, October 4, 2017 in the campus commons. The festival honors a long-held tradition of moon viewing that is celebrated across Japan and other areas.

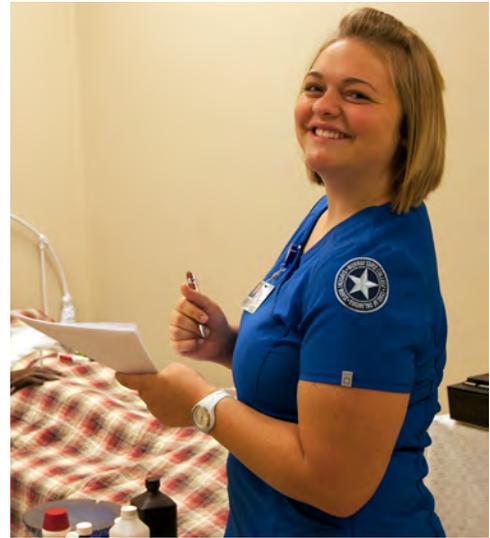
At MSC, participants will gather under the moonlight to share moon cakes while recounting stories of family and festivity in other parts of the world.

For more information, contact Dr. Robbie Pearson, rpearson@mscok.edu or 580-387-7454.

“The beauty of the world lies in the diversity of its people.”

--Unknown

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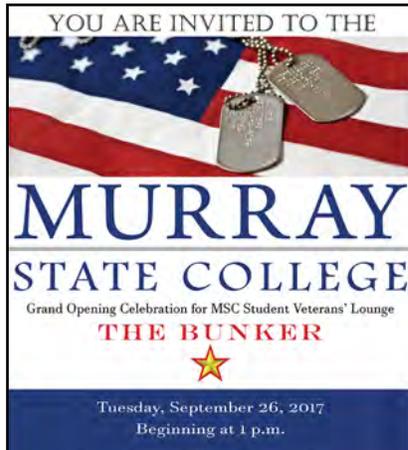
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Veterans' Lounge Ribbon Cutting



Join us for the GRAND OPENING CELEBRATION
for the MSC Student Veteran's Lounge

THE BUNKER

on Tuesday, September 26,
at 1 p.m. in the
Paul J. Park Student Center!

Dessert reception to follow

Women's Soccer Continues Fundraising for MS Awareness



MSC Women's Soccer topped Redlands CC 1-0
yesterday in their **Refuse to Lose - Fight MS
Match!**

The game has been won, but a cure for MS has
not been found. Follow the links below to raise
money to benefit the National Multiple Sclerosis
Society.

[GoFundMe>>>](#)

[Jersey Auction Site>>>](#)

Vet Tech Attends SWVS Conference



MSC Vet Tech students attended the Southwest
Veterinary Symposium in San Antonio last week!

The students assisted with various labs, shot
digital radiography (pictured), and MORE!

What's going on in **AGGIELAND** this week?

MONDAY, SEPTEMBER 25:

- M. Soccer v. Ranger College - 3:30 p.m. - HOME
- Pickup Softball - 7 p.m. - Softball Complex

TUESDAY SEPTEMBER 26:

- The Bunker Ribbon Cutting Ceremony - 1 p.m. - Veterans' Lounge Area
 - Frisbee Golf - 1 p.m. - UCSO
- FREE Ardmore Little Theatre Performance - Little Women - 7 p.m. - Fletcher Auditorium

WEDNESDAY, SEPTEMBER 27:

- W. Soccer v. Eastfield College - 6 p.m. - Dallas, TX

FRIDAY, SEPTEMBER 29:

- M. Soccer v. Mountain View College - 8 p.m. - Dallas, TX

SUNDAY, OCTOBER 1:

- W. Soccer v. NEO - 3 p.m. - Miami, OK
- M. Soccer v. NEO - 5 p.m. - Miami, OK

AGGIE ATHLETICS



L-R Cassie Wright, Kitana Hollins, Brittany Boles, Sam Peters and Rian Moores

MSC Women's Golf brought home a beautiful **FIRST PLACE** trophy from the St. Gregory University Cavalier Classic in Shawnee, Okla. last week!

Kitana Hollins won the individual championship and Rian Moores finished second place individually.

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