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The Planetarium at UT Arlington



The Planetarium offers live stargazing and prerecorded programs to the public, school groups, and UT Arlington students all year round.

Using state-of-the-art technology and a 60-ft. dome screen, the Planetarium is an immersive space theater facility with endless capabilities.

Public show pricing

Adults	\$6.00
Seniors	\$4.00
Children	\$4.00
Students	\$4.00
UTA Students	\$3.00
Children 0-2	Free

Contact Us

700 Planetarium Place
Arlington, TX 76019



Fall Schedule

We're featuring 2 brand new shows in our fall schedule - *Cosmic Origins Spectrograph* and *From the Earth to the Universe*. Be one of the first to see them! Our fall public show schedule will run from August 27 - November 29.

Thursdays

- 6:00 pm - *Cosmic Origins Spectrograph*

Fridays

- 6:00 pm - *From the Earth to the Universe*

Saturdays

- 1:00 pm - *Astronaut*
- 2:30 pm - *Cosmic Origins Spectrograph*
- 5:30 pm - *From the Earth to the Universe*
- 7:00 pm - *Pink Floyd*

Sundays

- 1:30 pm - *Astronaut*
- 3:00 pm - *Spacepark 360: Infinity*

[Read More >>](#)

Source: <http://www.uta.edu/planetarium/>

International Observe the Moon Night - September 19

817-272 1183

planetarium@uta.edu

<http://www.utaplanetarium.com>

Featured Public Show

From Earth to the Universe



The night sky, both beautiful and mysterious, has been the subject of campfire stories, ancient myths and awe for as long as there have been people. A desire to comprehend the Universe may well be humanity's oldest shared intellectual experience. Yet only recently have we truly begun to grasp our place in the vast cosmos. To learn about this journey of celestial discovery, from the theories of the ancient Greek astronomers to today's grandest telescopes, we invite you to experience From Earth to the Universe.

Plays for public:

Fridays 6:00PM

Saturdays 5:30PM

International Observe the Moon Night (InOMN) is an annual worldwide public





event that encourages observation, appreciation, and understanding of our Moon and its connection to NASA planetary science and exploration. Everyone on Earth is invited to join the celebration by hosting or attending an InOMN event - and uniting on one day each year to look at learn about the Moon together.

Join us as we observe the Moon from **4:00 pm – 10:00 pm, Saturday, September 19th**. We'll have telescopes set up for viewing the Moon (weather permitting), special guest lectures from the President of the Moon Society and special Planetarium shows about the Moon!

Schedule of Events:

4:30 - Moon U. - free lecture by the President of the Moon Society

5:30 - [Back to the Moon for Good](#)

7:00 - Pink Floyd [Dark Side of the Moon](#)

9:00 - Cislunar Space - free lecture by the President of the Moon Society

[Read More >>](#)

Source: <http://www.uta.edu/events/main.php?view=event&eventid=1438612104569>

<http://observethemoonnight.org/>

Total Lunar Eclipse - September 27

North America has a front row seat to one of the best-timed total lunar eclipses in recent memory. To celebrate, the Planetarium will be hosting a viewing party.

There is a total eclipse of the moon on the night of September 27-28, 2015. It happens to be the closest [supermoon of 2015](#). It's the Northern Hemisphere's [Harvest Moon](#), or full moon nearest the September equinox. This September's full moon is also called a [Blood Moon](#), because it presents the fourth and final eclipse of a *lunar tetrad*: four straight total eclipses of the moon, spaced at six lunar months (full moons) apart.

The total lunar eclipse is visible from most of North America and all of South America *after sunset* September 27.

From 7:00 p.m. – 12:00 a.m. on Sunday, September 27th, the Planetarium will be offering free guest lectures about the Moon, discounted Planetarium shows and of course, an opportunity to view the super Harvest Blood moon total eclipse for yourself!

In addition to views of the eclipse from Earth, the Planetarium theater offers the opportunity to view the eclipse as it would appear on the surface of the moon!

[Read More>>](#)

Source: <http://www.uta.edu/planetarium/>

Mark Your Calendars for Astronomy Day

Astronomy Day at the Planetarium is set for Saturday, October 24 from 10:00 am

– 8:00 pm. Mark your calendars!

We'll have discounted planetarium shows, free lectures by the National Space Society of North Texas, Texas Astronomical Society and Fort Worth Astronomical Society and so much more. Telescopes will be set up outside for observing the Sun and other celestial objects (weather permitting). More information is coming this fall.

[Read More>>](#)

Source: <http://www.uta.edu/events/main.php?view=event&eventid=1437670691752>

First 3D Planetarium Production Completed

The UT Arlington Planetarium has completed production of its **first active stereo 3D**

planetarium show supported by a grant from NASA's SOFIA mission outreach.

SOFIA, the [Stratospheric Observatory for Infrared Astronomy](#), is the largest airborne observatory in the world, capable of making observations in the far-infrared light band, that are impossible for even the largest and highest ground-based telescopes. Research objectives of SOFIA include the study of planetary atmospheres, comets and the interstellar medium; additionally, it will explore the formation and evolution of stars and other celestial objects. During its planned 20-year lifetime, SOFIA will also inspire the development of new scientific instrumentation and foster the education of young scientists and engineers.

Every 3D technology relies on stereopsis – the ability of the brain to create a 3D image upon left and right image from the eyes. In fact, any 3D technology tries to make the *left eye* see the *left* image at virtually the same time as the *right eye* sees the *right* image. Active stereo works to separate the two images by alternating shuttering of the lenses: at a rate not noticeable to the viewer. Active shutter glasses receive signals from the video to ensure that the right eye is blocked exactly at the moment when the left eye image is shown and vice versa, thus producing a 3D image.

The new production is a 3.5 minute mission update about the SOFIA mission and will be made available for future showings. The Principal Investigator of the SOFIA outreach project is Dr. Manfred Cuntz, Department of Physics. The production has been developed by Amy Barraclough under the leadership of Levent Gurdemir, Director of the Planetarium at UT Arlington.

[Read More >>](#)

Source: <https://www.sofia.usra.edu/Sofia/sofia.html>

<http://www.xpand.me/technology/xpand-3d/>