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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 100-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



White Room: 02B3

We're bringing back our \$2 movies for a limited time this August with the new sci-fi dome thriller, *White Room: 02B3*. Our \$2 movies are open to everyone.

6 strangers. 1 room. 360 degrees of tension.

Starring Breckin Meyer, Tamlyn Tomita, David Blue and Rachel True, as well as Internet icons Tony Janning and Milynn Sarley.

White Room: 02B3 is a film short about six strangers who wake up in a white room to find out they are part of an extraordinary experiment that could change the face of humanity forever.

Not recommended for children under 13.

- Friday, August 7 at 7:00 pm
- Friday, August 14 at 7:00 pm
- Friday, August 21 at 7:00 pm
- Friday, August 28 at 7:00 pm

[Read More >>](#)

Source: <http://www.uta.edu/planetarium/schools/show.php?id=80>

2 Brand New Shows!

Children 0-2 Free

Contact Us

100 Planetarium Place
Arlington, TX 76019

817-272 1183

planetarium@uta.edu

http://www.utaplanetarium.com

Featured Public Show

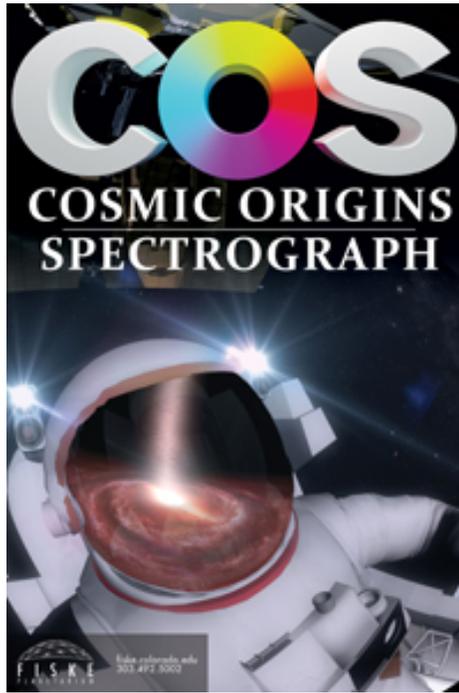
White Room: 02B3



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Plays for public:

ridays 7:00PM





This fall we are featuring 2 brand new shows – *From Earth to the Universe* and *Cosmic Origins Spectrograph*! Please see our fall schedule for show times.

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*.

Discover the Hubble Space Telescope's C.O.S. instrument, the nature of light, spectroscopy, the use of quasars as background light sources, material identification by spectrum, and the cycling of material within and surrounding galaxies in *Cosmic Origins Spectrograph*.

[Read More >>](#)

Source: <http://www.uta.edu/planetarium/schools/show.php?id=79>

<http://www.uta.edu/planetarium/schools/show.php?id=78>

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/>



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>



NASA's Three-Billion-Mile Journey to Pluto Reaches Historic Encounter

A NASA's New Horizons spacecraft is at Pluto.

After a decade-long journey through our solar system, New Horizons made its closest approach to Pluto Tuesday, July 14, about 7,750 miles above the surface -- roughly the same distance from New York to Mumbai, India -- making it the first-ever space mission to

explore a world so far from Earth.

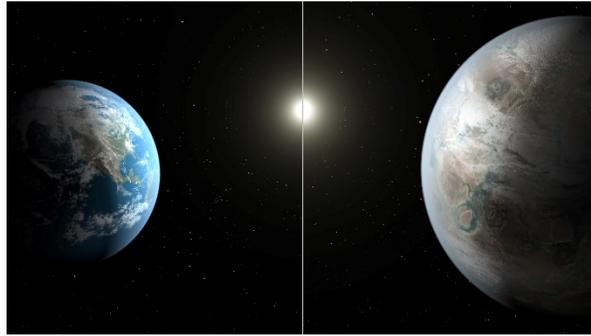
"I'm delighted at this latest accomplishment by NASA, another first that demonstrates once again how the United States leads the world in space," said John Holdren, assistant to the President for Science and Technology and director of the White House Office of Science and Technology Policy. "New Horizons is the latest in a long line of scientific accomplishments at NASA, including multiple missions orbiting and exploring the surface of Mars in advance of human visits still to come; the remarkable Kepler mission to identify Earth-like planets around stars other than our own; and the DSCOVR satellite that soon will be beaming back images of the whole Earth in near real-time from a vantage point a million miles away. As New Horizons completes its flyby of Pluto and continues deeper into the Kuiper Belt, NASA's multifaceted journey of discovery continues."

New Horizons' almost 10-year, three-billion-mile journey to closest approach at Pluto took about one minute less than predicted when the craft was launched in January 2006. The spacecraft threaded the needle through a 36-by-57 mile (60 by 90 kilometers) window in space -- the equivalent of a commercial airliner arriving no more off target than the width of a tennis ball.

Because New Horizons is the fastest spacecraft ever launched -- hurtling through the Pluto system at more than 30,000 mph, a collision with a particle as small as a grain of rice could incapacitate the spacecraft. Once it reestablishes contact Tuesday night, it will take 16 months for New Horizons to send its cache of data -- 10 years' worth -- back to Earth.

[Read More >>](#)

Source: <http://www.nasa.gov/press-release/nasas-three-billion-mile-journey-to-pluto-reaches-historic-encounter>



NASA's Kepler Mission Discovers Bigger, Older Cousin to Earth

NASA's Kepler mission has confirmed the first near-Earth-size planet in the "habitable zone" around a sun-like star.

This discovery and the introduction of 11 other new small habitable zone candidate planets mark another milestone in the journey to finding another "Earth."

The newly discovered Kepler-452b is the smallest planet to date discovered orbiting in the habitable zone -- the area around a star where liquid water could pool on the surface of an orbiting planet -- of a G2-type star, like our sun. The confirmation of Kepler-452b brings the total number of confirmed planets to 1,030.

"On the 20th anniversary year of the discovery that proved other suns host planets, the Kepler exoplanet explorer has discovered a planet and star which most closely resemble the Earth and our Sun," said John Grunsfeld, associate administrator of NASA's Science Mission Directorate at the agency's headquarters in Washington. "This exciting result brings us one step closer to finding an Earth 2.0." Kepler-452b is 60 percent larger in diameter than Earth and is considered a super-Earth-size planet. While its mass and composition are not yet determined, previous research suggests that planets the size of Kepler-452b have a good chance of being rocky.

While Kepler-452b is larger than Earth, its 385-day orbit is only 5 percent longer. The planet is 5 percent farther from its parent star Kepler-452 than Earth is from the Sun. Kepler-452 is 6 billion years old, 1.5 billion years older than our sun, has the same temperature, and is 20 percent brighter and has a diameter 10 percent larger.

"We can think of Kepler-452b as an older, bigger cousin to Earth, providing a new opportunity to understand and reflect upon Earth's evolving environment," said Joshua Jenkins, Kepler data analysis lead at NASA's Ames Research Center in Moffett Field, California, who led the team that discovered Kepler-452b. "It's awe-inspiring to consider that this planet has spent 6 billion years in the habitable zone of its star -- longer than Earth. That's a substantial opportunity for life to arise, should all the necessary ingredients and conditions for life exist on this planet."

[Read More >>](#)

Source: <https://www.nasa.gov/press-release/nasa-kepler-mission-discovers-bigger-older-cousin-to-earth>