

Millholland Planetarium Features

Child-Oriented

The Little Star That Could (35 minutes)

The Little Star That Could is a story about Little Star, an average yellow star in search for planets of his own to protect and warm. Along the way, he meets other stars, learns what makes each star special, and discovers that stars combine to form star clusters and galaxies. Eventually, Little Star finds his planets and each is introduced with basic information about our Solar System.

Legends of the Night Sky: ORION (24 minutes)

Legends takes an imaginative look at the stories and legends about the constellation Orion, the great hunter of the winter sky, his two hunting dogs, and Scorpius, the scorpion in the summer sky.

Molecularium: Riding Snowflakes (23 minutes)

In *Molecularium*, Oxy, the Oxygen atom, and her Hydrogen friends, Hydro and Hydra, travel and sing across the universe to investigate how atoms form molecules. They shrink down to the atomic level to ride a snowflake as it builds and then turns to rain. Then, they meet Carbon and his friends who teach them about metals, polymers, and why carbon is needed for life.

Cardboard Rocket (32 minutes)

The show *Cardboard Rocket* will allow audience members to embark on an outstanding adventure as two children spend a night touring the solar system alongside their ship's navigator, an astronomy book.

The Zula Patrol: Under the Weather (24 minutes)

The stalwart heroes of the Zula Patrol are on an expedition collecting samples of weather on planet Zula for scientist Multo's research -- using their loyal pet Gorga's ability to collect and bottle all kinds of weather. But when the Zula gang inadvertently hurts Gorga's feelings, he decides to leave Zula and find another planet to live on. Interplanetary villain Dark Truder tricks Gorga into stealing the weather from other planets - part of his latest nefarious scheme to rule the Universe. The Zula Patrol find out and go after him - in the process learning all about weather, both terrestrial and interplanetary.

One World, One Sky (Sesame Street) (25 min.)

Big Bird and his friends Elmo and Hu Hu Zhu explore how the Earth is the same for all people no matter where they live. This show examines the similarities and differences between the earth and the moon. A good choice for young children.

** Also available in Spanish

Topical

Astronaut (23 minutes)

The exploration of space is the greatest endeavor that humankind has ever undertaken. What does it take to be part of this incredible journey? What does it take to become an astronaut? *Astronaut*, takes you from Earth into space... and beyond.

Black Holes: The Other Side of Infinity (23 minutes)

Black Holes takes you on a journey through one of the most mystifying, awe-inspiring phenomena in the universe: a black hole. Where do they come from? Where do they go? How do we find them?

Seasonal Stargazing (40 minutes, average)

A LIVE look at the current night sky over the Catawba Valley. This show is constantly changing as the night sky changes – hear stories about the constellations, see planets, galaxies and more.

IF INDICATED, CATAWBA SKY CAN BE CHILD ORIENTED.

Extreme Planets (40 minutes)

Imagine a world of molten rock, breaking against a pitch black shoreline of molten lava...Imagine a world under a madly spinning burned out star...There are places so strange and exotic that they defy description. *Extreme Planets*, takes an immersive tour of several exotic worlds that aren't just science fiction anymore.

Force Five (22 minutes)

Extreme weather takes center stage in this full dome animated show revealing images not seen by naked eye due to their life-threatening nature. Using real movies and NASA based images; *Force Five* offers the audience a vantage that would never be safe in the real world, creating a sense of what it would look and feel like if you were standing in the middle of a deadly storm.

Heart of the Sun (22 minutes)

The Heart of the Sun shows us the Sun as it has never been seen before. New space-based telescopes along with a new generation of terrestrial instruments capture both the fine surface detail and the vast eruptions of the corona with unprecedented clarity and for the first time take us right inside a living star. *The Heart of the Sun* reveals how the development of our whole cosmology has been informed by our struggle with this oldest of mysteries. Experience the story that shows how that process continues today as the sheer strangeness of our nearest star continues to challenge our imagination.

Infinity Express (23 minutes)

What starts as a star party becomes a grand tour of the latest from the world of astronomy. From Mars and Jupiter to the Space Program to the structure of the Universe, *Infinity Express* asks the BIG Questions and brings you up to date on topics in astronomy.

**Also available in Spanish.

Ice Worlds (22 minutes)

Ice Worlds discusses ice ages on Earth, global climate change, the causes and effects of the seasons, and the icy bodies of the solar system.

Microcosm: The Adventure Within (17 minutes)

At the Center of Miniaturized Medicine in the year 2053, you'll shrink down to the size of a microbe and get injected into a patient who is suffering an infection from a mysterious virus. Traveling from the base of the eye to the interior of the heart, you'll explore exotic ports of call in CMM Probe Alpha with its robotic outboard scout vehicle. As you piece together the clues the virus has left behind, you'll race against time to save the patient on your roller-coaster ride through the body.

S.E.T.I. - The Search for Extra-Terrestrial Intelligence (23 minutes)

A show that explores all sides of this topic, from the planets we are finding around other stars, to the feasibility of traveling to the stars, and what aliens might actually be like, to the possibility that UFOs have been visiting and the various methods that scientists are using to get in touch. Will we make contact in our lifetimes? This stunning immersive show guides you through the myriad of ideas to a surprising conclusion.

Stars: The Powerhouses of the Universe (26 minutes)

Every star has a story. Some are as old as time, faint and almost forgotten. Others burn bright and end their lives in powerful explosions. New stars are created every day, born of vast clouds of gas and dust. Through every phase of their existence, stars release the energy that powers the Universe. Journey to the furthest reaches of our galaxy and experience both the awesome beauty and destructive power of *Stars*.

Two Small Pieces of Glass (25 minutes)

While attending a local star party, two students learn how the telescope has helped us understand our place in space and how telescopes continue to expand our understanding of the Universe. Their conversation with a local astronomer enlightens them on the history of the telescope and the discoveries these wonderful tools have made. The students see how telescopes work and how the largest observatories in the world use these instruments to explore the mysteries of the universe.

Millholland Planetarium Laser Shows

Laseropolis (47 minutes)

A mind-blowing mix of music and equally dazzling laser effects come together to make a truly awesome laser experience. Jam to bands like Oasis, Future Sounds of London, Emerson Lake & Palmer and so much more.

The Dark Side of the Moon (43 minutes)

Based on Pink Floyd's 1973 album of humanitarian, political and philosophical empathy, Dark Side of the Moon is one of the most startling and bizarre laser light shows of all time!

Laser Magic (44 minutes)

A magical mix of movie tunes, songs you love, and songs you forgot about all paired with delightful laser images. Rock along to songs by The B-52s, Will Smith, Joan Jett and the Blackhearts and many more. It's musical fun for the whole family!

***Child option.

Laser X (43 minutes)

A compilation of 90s alternative bands like Rage Against the Machine, Smashing Pumpkins, Foo Fighters, Garbage and White Zombie.

Fright Light (49 minutes)

Halloween fun with everything from "Monster Mash" by Boris Pickett and "Thriller" by Michael Jackson to "Iron Man" by Black Sabbath and "Enter Sandman" by Metallica. Come In Costume!

Hypnotica (50 minutes)

Dance/ Club Electronic style songs featuring groups like the Crystal Method, Bjork, Prodigy and Fat Boy Slim.

The Wall (52 minutes)

Excerpts from the classic Pink Floyd album. Songs include Another Brick in the Wall, Comfortably Numb and Run Like Hell.

Laser Beatles (35 minutes)

The Fab Four are back with a compilation of songs from their entire career! Songs included are Magical Mystery Tour, Help, Revolution, Day and In The Life.

***Child option.

Laser Retro (48 minutes)

Enjoy popular '80s hits from The Police, Duran Duran, Depeche Mode, INXS and more.

Laser Metallica (52 minutes)

A compilation of popular Metallica songs. Included are: For Whom the Bell Tolls, Fuel, Master of Puppets and Enter Sandman. This show CONTAINS STRONG LANGUAGE and is not appropriate for younger visitors!

Laser Mania (52 minutes)

You want more music, more movie hits and more laser action? We've got it! Laser Mania takes it to the next level with tracks by Weird Al Yankovic, Celine Dion, Beck and many more.

Laser Zeppelin (51 minutes)

Almost a full hour of amazing rock with Led Zeppelin. See incredible laser images custom-created for awesome songs like Kashmir, No Quarter, Over the Hills and Far Away.

Laser U2 (50 minutes)

The ultimate band from Ireland's ultimate laser show! Featuring classic U2 hits like Pride (In the Name of Love), New Year's Day, October and many, many more, this show will astound you with its awesome laser effects!

Laser Vinyl (44 minutes)

A classic Rock experience featuring AC/DC, Queen, Kansas, Journey and many more.

Laser Spirit (47 minutes)

Using a wonderful mix of pop, classic rock, oldies, adult contemporary and patriotic music, Laser Spirit is a motivating laser show that will make you proud to be a visionary, idealist, achiever, and American. This program is accompanied with stirring laser effects and beautiful background artwork and images that all come together to produce an uplifting and inspirational experience.

Laser Pop (30 minutes)

Rock to songs from the B52's, N'Sync, Smashmouth, Sting, 3 Doors Down, and more.

***Child option.

Laser Holidays (38 minutes)

Putting you in the Holiday Spirit with both traditional and contemporary sounds of the season.

***Child option.

Laser Country (40 minutes)

Show featuring Country music's brightest stars – Carrie Underwood, Rascal Flatts, and Garth Brooks – plus classic icons like Johnny Cash, Willie Nelson, and Patsy Cline.