

PHM Digital Video Theater/Space Museum

Public Show Schedule

September 10, 2015 – May 25, 2016

All shows: 45-50 minutes

Regular show ticket price*: \$4 Adults, \$3 Senior Citizens, \$2 Students/children;
"Breakfast With Santa" (\$7 Adults, \$6 Children); Laser Musical Shows (\$5)

TRIP THROUGH SPACE

September 10 Thursday 6:30 pm

This full-dome show is a potpourri of Astronomy topics such as: Moon Phases, Eclipses, Tides and Lunar surface features; Solar System where the Sun and all planets are depicted; 8 winter Constellations and their bright stars; Earth Motions and Seasons; Star types; galaxies, and the size of the Universe in general. Where do stars come from is also examined.

ASTROLOGY: STAR SIGNS

TWO SMALL PIECES OF GLASS (Two Shows!) September 17 Thursday 6:30 pm

Astrology: Star Signs includes Zodiac constellation patterns, with mythological tales. *Astrology and the fallacy of astrology* are demonstrated and explained. Also, included are excellent demonstrations of Earth Motions Like: Rotation, Revolution, and Precession, as well as the Reasons for the Seasons. The second show tells how Galileo's telescopic observations began a revolution, transforming our view of the cosmos and our place within. Today you can attend star parties where amateur astronomers set up their telescopes for public viewing. Views through such telescopes would have amazed Galileo. Two Small Pieces of Glass puts you in the middle of a modern star party. Discover the wonders that even a small amateur telescope can reveal and learn about the scientists that made such views possible.

OASIS IN SPACE

September 24 Thursday 6:30 pm

Embark on a startling and beautiful voyage through our Universe, Galaxy and Solar System in search of water, which is the key ingredient for life on Earth. With a proven, audience-tested story, and a 95% viewer approval rating, Oasis in Space offers a new perspective on a substance of obvious importance to our planet.

DYNAMIC EARTH (NEW SHOW!)

October 1 Thursday 6:30 pm

The award-winning Dynamic Earth explores the inner workings of Earth's great life support system: the global climate. With visualizations based on satellite monitoring data and advanced supercomputer simulations, this cutting-edge production follows a trail of energy that flows from the Sun into the interlocking systems that shape our climate: the atmosphere, oceans, and the biosphere. Audiences will ride along on swirling ocean and wind currents, dive into the heart of a monster hurricane, come face-to-face with sharks and gigantic whales, and fly into roiling volcanoes.

CHANGING CLIMATE - DR. PHIL SAKIMOTO

October 8 Thursday 6:30pm

Dr. Sakimoto is well known for his lucid and informative explanations of scientific issues for public audiences. He formerly managed NASA's national space science education and public outreach program, is a leader in the The Climate Project, and he also directs the University of Notre Dame's Program for Academic Excellence. In recent years, he has turned his attention to giving public presentations on the global climate crisis. In them, he separates scientific fact from public misconceptions, discusses troubling recent scientific findings, surveys the immediate and future impacts of global warming, and suggest ways in which we can reduce those impacts.

ONE WORLD, ONE SKY: BIG BIRD (Young audience) October 21 Wednesday 6:30 pm

The show follows Sesame Street's Big Bird and Elmo as they explore the night sky with their friend from China Hu Hu Zhu. Together, they take an imaginary trip from Sesame Street to the Moon, where they discover how different it is from Earth. One World, One Sky is a brilliant spectacle of light and color as the furry friends watch the stars twinkle over Sesame Street. Children attending the show can interact as they watch, drawing constellations and counting the time it takes the sun to set. Students will also learn about the Big Dipper, the North Star, the Sun and the Moon.

FRIGHT LITE (LASER SHOW!)

October 28 Wednesday

6:30 pm

Get into the spooky spirit with this special Halloween Laser Show! This must-see evening laser show combines haunting tunes and an amazing laser light show that dances across the DVT's 30-foot dome. Soundtrack: Thriller, Godzilla, Monster Medley (*featuring Monster Mash, Purple People Eater, Boris the Spider*), Enter Sandman, Men In Black, Attack of the Radioactive Hamsters, Firestarter, Dead Man's Party, Iron Man, Another Brick in the Wall, Push It, Frankenstein, Devil Went Down to Georgia, Feed My Frankenstein.

INTO THE DEEP

November 4 Wednesday

6:30 pm

We know more about the surface of the Moon than we do about the wonders hidden beneath the waves of our planet's seas. The deepest parts of our oceans teem with life forms so bizarre they could be from the realm of science fiction. These fantastic creatures, all perfectly adapted to the extreme pressures and temperatures of their alien environment, inhabit a realm of underwater volcanoes, engulfed mountain ranges, and vast trenches cut into the crust of the planet. "Into the Deep," combines: Marine biology, Oceanography, underwater geology, astronomy, exploration, environment, and nature. Audiences will experience the dive of Trieste to the Challenger Deep, the lowest point of the Mariana Trench in the South Pacific.

D-DAY: NORMANDY 1944 (NEW SHOW!)

November 11 Wednesday

6:30pm

June 6, 1944: The largest Allied operation of World War II began in Normandy, France. Yet, few know in detail exactly why and how, from the end of 1943 through August 1944, this region became the most important location in the world. Blending multiple cinematographic techniques, including animation, CGI and stunning live-action images, "D-Day: Normandy 1944" brings this monumental event to the world's largest screens for the first time ever. Audiences of all ages, including new generations, will discover from a new perspective how this landing changed the world. Exploring history, military strategy, science, technology and human values, the film will educate and appeal to all. Narrated by Tom Brokaw.

Holiday Shows (December 2 – December 16)

BREAKFAST WITH SANTA

December 5 Saturday

9:00am & 10:30am

Enjoy a fabulous breakfast in the Bittersweet Elementary cafeteria with Santa. Following breakfast, you will enter the DVT/Planetarium, which will be decked out as a Winter Wonderland, to see our 30-minute presentation titled: "Laser Holidays."

Tickets must be purchased in advance from the PHM Community Education Office located at the ESC (#259-7941) **Cost:** Adult \$7 Child \$6

SEASON OF LIGHT

December 2, 16

Wednesday

6:30 pm

This show traces the development of many of the world's endearing holiday customs, and how they involve lighting up the winter season-from the burning Yule log and sparkling Christmas tree lights to the lighting of the Menorah and luminarias. In addition, we will be detectives trying to solve the mystery of the Star Over Bethlehem

LASER HOLIDAYS

December 6 Sunday

2:00 & 3:00 pm

December 9 Wednesday

6:30 pm

This is a professional laser light show, which contains 12 holiday songs accompanying laser animations. The **planetarium will be decked out as a winter wonderland**, so come enjoy the music, laser lights, and beautiful winter wonderland!

----- -End of Holiday Shows- -----

SUNSTRUCK (NEW SHOW!)

February 18 Thursday 6:30pm

Discover the wonders of our sun. Its incredible energy has supported life on earth for millennia, but is now threatening our technology and way of life. Travel to the distant future to discover our sun's connection to the universe's cosmic cycle of life and death.

FORCES OF NATURE

February 25 Thursday 6:30 pm

Come close to nature's most powerful and extreme forces. Cameras capture massive volcanoes, earthquakes, and storms as a team of scientists travel the world in an attempt to figure out what causes these dangerous, yet undeniably thrilling natural occurrences. Putting their lives on the line in the name of scientific discovery, the experts forge their way through erupting pits, through volcanic flows, along fault lines, and in cars heading straight for tornados' eyes. Narrated by Kevin Bacon.

LEGENDS OF THE NIGHT SKY:ORION /

March 3 Thursday 6:30 pm

LEGENDS OF THE NIGHT SKY: PERSEUS/ANDROMEDA

(LASER SHOWS!) Young Audience - Another two for one deal!

Legends of the Night sky: Orion the mythological Orion to life in a fun-filled, animated adventure. Accompanied by narrators Aesop the owl and Socrates the mouse, we follow Orion's adventures as he grows to manhood, battles mythical beasts, foils the plot of an evil king and wins the heart of Artemis, the beautiful moon-goddess. By the end of the story, we learn how the constellation Orion was placed in the sky, forever turning overhead throughout the seasons. Legends of the Night Sky: Perseus/Andromeda is similar in style to the Orion show. By engaging the audience with a wonderful story filled with humorous and exciting characters, you are also engaging their desire to learn about astronomy. People love Legends. This educational, and entertaining show, is for adults as well as children. Aesop the owl, and Socrates the mouse tell how Perseus saves Andromeda from Cetus the Sea Monster.

Laser Musical Shows

Each show is \$5 per person

All shows 40-50 minutes

** 60 minutes total*

U2	March 4	Friday	6:30 pm
BEATLES & LASER POP (ONLY \$5!)*	March 4	Friday	8:00 pm
RETRO	March 5	Saturday	6:30 pm
ELECTROPOP	March 5	Saturday	8:00 pm
ZEPPELIN	March 11	Friday	6:30 pm
METALLICA	March 11	Friday	8:00 pm
LASER MANIA (NEW SHOW)	March 12	Saturday	6:30 pm
PINK FLOYD "THE WALL"	March 12	Saturday	8:00 pm
VINYL	March 18	Friday	6:30 pm
BEATLES & LASER POP (ONLY \$5!)*	March 18	Friday	8:00 pm
HYPNOTICA	March 19	Saturday	6:30 pm
PINK FLOYD "DARK SIDE..."	March 19	Saturday	8:00 pm

-----End of Laser Musical Shows-----

CELL! CELL! CELL! (NEW SHOW!)**March 23****Wednesday****6:30pm**

This is the story of the trillions of cells that form our bodies, from our beginnings as a single cell to the complexity of a whole body: it's the story of who we are. Audience members will join characters Raj and Sooki to dive into the busy world of cells, watching 'alien trees' and wriggling 'slugs' fly past on a giant 360° full-dome screen.

EARTHQUAKE: A RESTLESS EARTH**March 30****Wednesday****6:30 pm**

This show combines: Geology, Plate Tectonics and Earth History into a sweeping geological journey exploring the forces that transform the surface of our planet. Fly along the San Andreas Fault before diving into the planet's interior. Journey back in time to witness the 1906 San Francisco earthquake, and the break-up of Pangaea 200 million years ago, as well as the sites of historical earthquakes from the Mediterranean Sea to the Pacific Ocean. Data-driven visualizations illustrate Earth's story, revealing how subtle motions and sudden ruptures have shaped our planet over eons, and how geological activity influences the course of human history. Learn how scientists and engineers collaborate to help society prepare for a safer environment — and a safer future.

SEVEN WONDERS OF THE UNIVERSE**April 14****Thursday****6:30 pm**

Turn back the pages of time and witness the ancient wonders of the world as they appeared thousands of years ago. Explore the great pyramid, stand in the shadow of the towering Colossus and experience the rest of the world's Seven Wonders. We will investigate the theories of how these wonders were created, and get a glimpse of some of the universe's greatest wonders.

SECRETS OF THE SUN &**SECRET LIVES OF THE STARS (Two shows!)****April 20****Wednesday****6:30****pm**

Secrets of the Sun is an intimate look at the role the Sun plays in the life of our solar system. From the nuclear forces churning at the heart of the Sun to the mass ejections of solar material into surrounding space, we experience the power of the Sun and its impact on the planets and ultimately life on Earth. We trace the Sun's life cycle, going back to its beginnings and moving forward in time to its eventual death. *Secret Lives of the Stars* shows us not all stars are created equal. Some are massive. Others are tiny; almost insignificant. The specific characteristics of a star will determine what type of life it will lead, how long it might live and even the type of death it will die. We will witness the amazing variety of stars and peer into their secret lives. Narrated by Sir Patrick Stewart of TV's *Star Trek: The Next Generation* and the *X-Men* films.

WONDERS OF THE UNIVERSE/**April 27****Wednesday****6:30 pm****POWERS OF 10**

Wonders of the Universe allows you to peer deep into space through the eyes of the orbiting Hubble Space Telescope and travel back billions of years in time to witness the birth of the universe. On this breathtaking excursion you'll witness the formation of galaxies and explore some of the most wondrous nebulae and astronomical structures yet discovered. As your travels continue, you'll fly deep into our own Milky Way galaxy and return home to Earth on a spectacular tour through the solar system. *Powers of 10* will give you a sense of the size of our Solar System, Galaxy and Universe.

EGYPT: SECRETS OF THE MUMMIES**May 4****Wednesday****6:30 pm**

Journey to the royal tombs of Egypt and explore the history of ancient Egyptian society as told through the mummies of the past. The film follows explorers and scientists as they piece together the archaeological and genetic clues of Egyptian mummies, and provides audiences with a window into the fascinating and mysterious world of the pharaohs. To unwrap the secrets of the mummies is to perhaps glimpse our own future..

SPACEPARK 360**May 11****Wednesday****6:30****pm**

Dome3D's show SpacePark360 is a 9-ride show that takes audiences on a wild immersive ride through the Solar System while recreating the experience of amusement park thrill rides—roller coasters, pendulums, inverters and more. From the tops of Jupiter's clouds to the icy depths of Neptune's moon Triton, each location serves to heighten the thrilling experience.

SUMMER NIGHT SKY

May 25

Wednesday 6:30 pm

An overview of constellations, bright stars, Milky Way, and meteor showers that can be viewed during the summer night skies.