

# P-H-M D.V.T./Space Museum

## " 2012 Public Show Schedule "

**THE WINTER NIGHT SKY**                      **January 12**                      **Thursday**                      **6:30 pm**

Come and join us for an overview of the current winter night sky, which includes constellations, stars, colors of stars, Milky Way, and planets.

**SEVEN WONDERS**                                      **January 19**                      **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. Narrated by Sean Bean.

**BUGS: A RAINFOREST ADVENTURE**                      **January 26**                      **Thursday**                      **6:30 pm**

Bugs are bizarre, beautiful, and an endless source of fascination. "Bugs" will magnify the miniscule world of insects and explore the miracle of their success. From metamorphosis to mastery, predator to prey and community to concealment, extraordinary large-format 3D images will bring audiences face-to-face with this amazing universe of creatures. Narrated by Dame Judy Dench.

**SECRETS OF THE SUN**                                      **February 9**                      **Thursday**                      **6:30 pm**

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.

**ZULA PATROL: UNDER THE WEATHER**                      **February 12**                      **Sunday**                      **1:30 pm**

**Young Audience**

The story: the stalwart heroes of the Zula Patrol are on an expedition collecting samples of weather for scientist Multo's research. When the Zula gang inadvertently hurts their loyal pet Gorga's feelings, he decides to leave Zula and find another planet to live on. Villain Dark Truder then tricks Gorga into helping with his latest nefarious scheme to rule the Universe. The ZPers find out and go after him - in the process learning all about weather, both terrestrial and interplanetary.

**LEGENDS OF THE NIGHT SKY:ORION**                      **February 23**                      **Thursday**                      **6:30 pm**

**Young Audience**

The show brings 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:**                      **March 4**                      **Sunday**                      **1:30 pm**  
**PERSEUS/ANDROMEDA**

**Young Audience**

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.

**THE LITTLE STAR THAT COULD**                      **March 8**                      **Thursday**                      **6:30 pm**

**Young Audience**

"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. Each planet is introduced to your audiences with basic information about our Solar System.

**LASER/MUSIC SHOW: BEATLES**                      **March 16**                      **Friday**                      **6:30 pm**

Features hit songs by the Beatles

**LASER/MUSIC SHOW: LASER VINYL**                      **March 16**                      **Friday**                      **8:00 pm**

Features hit songs by: Journey, AC/DC, Kansas, Aerosmith, Kiss, Boston, Queen, Van Halen And Pink Floyd

**LASER/MUSIC SHOW: LASER POP**                      **March 21**                      **Wednesday**                      **6:30 pm**

Features hit songs by: 'N Sync, Pink, Beatles Medley, Smash Mouth, Sting, Beach Boys, The B52's to name a few.

**LASER/MUSIC SHOW: LASER RETRO**                      **March 23**                      **Friday**                      **6:30 pm**

Features hit songs by: Red Rider, Tears for Fears, The Police, New Order, Duran Duran, Eurythmics, The Cure, INXS, and Thomas Dolby

**LASER/MUSIC SHOW: LASER POP**                      **March 23**                      **Friday**                      **8:00 pm**

Features hit songs by: 'N Sync, Pink, Beatles Medley, Smash Mouth, Sting, Beach Boys, The B52's to name a few.

**LASER/MUSIC SHOW: LED ZEPLIN**                      **March 24**                      **Saturday**                      **6:30 pm**

Features the hit songs of Led Zeplin

**LASER/MUSIC SHOW: PINK FLOYD**                      **March 24**                      **Saturday**                      **8:00 pm**

Features the songs off of Pink Floyd's "Dark Side of the Moon"

**LASER/MUSIC SHOW: LASER VINYL**                      **March 28**                      **Wednesday**                      **6:30 pm**

Features hit songs by: Journey, AC/DC, Kansas, Aerosmith, Kiss, Boston, Queen, Van Halen And Pink Floyd

**...More shows may be added. Please call 258-9569**

**DAWN OF THE SPACE AGE****April 12****Thursday****6:30 pm**

Relive the excitement of the early days of space exploration, from the launch of the first artificial satellite Sputnik, to the magnificent lunar landings and privately operated space flights. Be immersed and overwhelmed with this most accurate historic reconstruction of man's first steps into space. Who were the men and women who took part in these death-defying days? Witness their drive, their passion, and their perseverance to explore in Dawn of the Space Age.

**SPACE SHUTTLE: END OF AN ERA****April 15****Sunday****1:30 pm**

The Space Shuttle program flew 135 Shuttle flights from 1981 to 2011. The Orbiter (Shuttle) as we knew it, will never fly again. This program exams the many many triumphs and the two disaster that occurred pointing out that space exploration must continue for the benefit of humankind.

**OASIS IN SPACE****April 26****Thursday****6:30 pm**

Embark on a startling and beautiful voyage through our Universe, Galaxy and Solar System in search of water – a 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.

**SUMMER NIGHT SKY/ORIGIN OF LIFE****May 10****Thursday****6:30 pm**

We will begin with a 15-minute live sky show depicting the constellations and planets for the spring and summer night sky. Next we will present "Origins of Life," which deals with some of the most profound questions of life science: the origins of life and the human search for life beyond Earth. Starting with the Big Bang, in chronological order, the show deals with the prebiotic chemistry in the universe, the formation of stars, formation of solar systems, and the first life on Earth. Furthermore, Origins of Life covers the great extinctions as well as our search for primitive life beyond planet Earth.

(continued on next page...Lecture Series)

**Lecture Series \$5 per person**

**STUDYING THINGS THAT CAN BE      May 17                      Thursday      7:00 pm**  
**LEARNED FROM THE STUDY OF**  
**THINGS IN FRONT OF OTHER THINGS**

This presentation will include Solar Eclipses, the Transit of Venus, and planets orbiting other stars

**Dr. Steven H. Williams**  
**Chief of Education Initiatives**  
**Education Division**  
**National Air and Space Museum**  
**Smithsonian Institution**

**EXPERIENCE THE TRANSIT OF VENUS      May 24                      Thursday      7:00 pm**

The transit of Venus, when Venus goes across the face of the Sun will begin at 6:04 pm for our area on Tuesday, June 5, 2012.

**Mr. Chuck Bueter, Internationally renowned expert on the Transit**  
[www.transitofvenus.org](http://www.transitofvenus.org)

**LIFE ON KEPLER'S EXOPLANET'S      May 31                      Thursday      7:00 pm**

Dr. Sakimoto, from the University of Notre Dame will present an in depth discussion on the possibilities of life on the 700+ confirmed exoplanets from the Kepler Space Telescope.

**Dr. Phil Sakimoto, Ph.D.**  
**University of Notre Dame**  
**Department of Physics**  
**225 Nieuwland Science Hall**  
**Notre Dame, IN 46556-5670**