

SPRING

Schedule

Spring is early at the Planetarium. Join us for our great new line-up of shows, January 3rd – May 26th!

Thursdays:

6:00 – Astronaut

Fridays:

6:00 – Mayan Prophecies

Saturdays:

1:00 – Cosmic Colors

2:30 – Mayan Prophecies

5:30 – Astronaut

7:00 – Pink Floyd

Sundays:

1:30 – Astronaut

2:30 – Spacepark 360

And don't miss Coral: Rekindling Venus which we will be showing at 7:00 p.m. every Friday and Saturday from January 19th – February 16th!



Thank you to everyone that brought a toy for our holiday



Mayan Prophecies

Happy New Year! We made it to 2013, which many a doubter and doomsday-er believed would never happen. What happened to the end of the world? What did the Mayans know about the future? Find out in our newest show, *2012: Mayan Prophecies*.

2012: Mayan Prophecies explores possible causes that led to the decline of Mayan civilization by visiting the once great cities of Uxmal, Chichen Itza, Tikal, and Palenque, where ancient temples—towering above the rainforest—were used as observatories to chart the path of the sun.

Learn how Maya astronomer-priests aligned their temples to honor and observe their sky gods and used these celestial observations to create interlocking, geared calendars that recorded the past, and predicted the future. Find the story of the cosmos, carved on a tablet buried in the tomb of a Maya king and take part in a chilling ceremonial sacrifice designed to strengthen the king and appease the gods.

toy drive! Thanks to your generosity, we collected over 75 toys for [Cook Children's Hospital](#).



Coral: Rekindling Venus

Take an extraordinary journey into a mysterious realm of fluorescent coral reefs, bioluminescent sea creatures and rare marine life, in *CORAL: Rekindling Venus*. *CORAL* will be available during the Sundance New Frontiers Film Festival, January 19th – February 16th. See the spring schedule for show times.

CORAL is an immersive and emotional journey. It invites you to lose yourself in the truly extraordinary world of coral reef communities. It allows you to feel as if you are present, sometimes lying on the sea floor, and sometimes free floating through the plankton-rich sea at night. This sensation helps to build our connection to the world's reefs. Humans, as much as corals are reliant on healthy oceans but climate scientists warn us that this remarkable world of coral reefs is at risk. *CORAL* offers a rare opportunity to experience the reef, to come to know corals and so, hopefully, to cherish and protect them. Imagine the extraordinary loss it would be, for all of us, if these densely populated underwater cities ceased to be.

What is apparent when you watch the film is the remarkable survival mechanisms already at play in the community of coral reefs, mechanisms that will be put to the test in the coming years. We might see ourselves as two different communities interconnected in our own survival.

THE MILKY WAY PROJECT

The Milky Way Project

The Milky Way Project aims to sort and measure our galaxy. We need your help looking through tens of thousands of images of our Galaxy from the Spitzer and Herschel telescopes. By telling us what you see in this infrared data, we can better understand how stars form.

The Milky Way Project is currently working with data taken from the Galactic Legacy Infrared Mid-Plane Survey Extraordinaire (GLIMPSE) and the Multiband Imaging Photometer for Spitzer Galactic Plane Survey (MIPSGAL). We aim to bring you a host of interesting science problems as time goes by, and to begin with we're looking for bubbles. These bubbles are part of the life cycle of stars. Some bubbles have already been found - by the study that inspired this project - but we want to find more! By finding more, we will build up a comprehensive view of not only these bubbles, but our galaxy as a whole. We're asking you to help us map star formation in our galaxy.

So how can you help? Using our bubble-drawing interface, our hope is that you will find bubbles and note any important or unusual characteristics. For example, if you can see what looks like a knot in the bubble, flag it! This knot might tell us something about how the bubble is affecting star formation in the region. If you see a star cluster, flag it! We hope to map the location of these clusters - many of which have not been located before.

As well as bubbles, knots and stars clusters there are other objects hidden throughout these images such as young stars, supernova remnants and never-before-seen galaxies. If you see anything unusual in the images, make sure to mark it using the 'areas' tool. We hope to map out these objects

and then use your discoveries to make more observations. You might even discover something we didn't expect. So start exploring the [Milky Way Project](#) today!

