

July 2016

Current Show

Journey to Jupiter

July 13-15 | 20-22, 2016

7-7:55pm | \$5

Take a trip to Jupiter and discover the theories behind the creation of the giant. Learn about NASA's Juno mission to Jupiter and how it hopes to give us clues on not just how Jupiter formed, but the rest of the solar system as well. Audiences will also learn about prior missions to Jupiter including Galileo, and Voyager 1 & 2. At 6 pm, prior to each show, enjoy cosmic sundaes at an ice cream social with the purchase of a ticket.

Juno's Approach to Jupiter

Juno is going to be finishing its nearly 5 YEAR trip to Jupiter on the 4th of July! This year we get to celebrate the birth of the United States along with the birth of a whole



new realm of science revolving around the largest planet in the Solar System!

Jean's Corner

A Note From The Director



Dear UWM Planetarium friends,

As the half point of 2016 approaches, I am delighted to tell you that, after many hours of cleaning, recycling, sending to surplus, my office has been resurrected. It is well organized, less cluttered, welcoming, and—dare I say it?—elegant even though

I am staying in the Physics building. Here is the proof. I managed to finally



put up some of my favorite art-work including that of my children.

Some old projects can make way for new possibilities. For example, I have started talking with several UWM faculty and instructors about a cultural program surrounding Astronomy, China, and Japan. Stay tuned.

All this flurry of activity happens before a needed vacation. I am happy to tell you that the Journey to Jupiter is coming along very nicely.

Looking forward to seeing you under the stars in July after Juno approaches Jupiter.

Jean

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Fall Show

Nightmares in the Sky

Fridays, September 9-October 14, 2016

7-7:55pm | \$4

The fall sky gives us a chance to tell the dark and wondrous stories about the infamous creatures of Greek mythology and the heroes that defeated them. Hosted by Director Jean Creighton, enjoy a night filled with the stories of Medusa, Perseus and more along with their places in the sky.

Where is our Rocket now?

Due to all the generous donations from the community we are quickly closing in on our donation milestone of Jupiter (\$10,000). With your help we can reach this goal in the same month Juno reaches Jupiter! Any amount is greatly appreciated and helps to better all the shows and events we create for the astronomy lover in you. Please donate online <http://uwm.edu/planetarium/give/> or mail a check made to **UWM Foundation (#2712 Manfred Olson Planetarium)** to UWM Physics/Planetarium, P.O. Box 413, Milwaukee, WI 53201-0413. Thank you!



AstroBreak

Select Wednesdays | FREE
12:15-12:45 p.m.

July 13

Star Formation in Galaxies

Speaker: Angela Van Sistine, Postdoctoral Researcher

>When we look at a galaxy with the naked eye, we primarily see light from the stars within that galaxy. I will explain what is needed to form these stars, where star formation usually occurs, and how a galaxy's star formation can change over time.

July 20

A Closer Look at Constellations

Speaker: Madeline Jordan, UWM Planetarium

>Constellations are far more than old connect-the-dot patterns in the sky. Instead, scientists use constellations as puzzle pieces to map out the rest of the universe. The bright dots of stars all have different magnitudes, distances, and even special qualities. They are far more than meets the eye.

August 10

Can You Park in Space?

Speaker: Casey McGrath, Graduate Student

> Have you ever stopped to wonder if you could place a satellite somewhere in the solar system and have it simply stay there, without drifting away over time? Well it turns out that in certain 3-body systems (like a star, planet, and satellite) there exist special locations where the satellite can "park" and remain in its location. This has enormous advantages for space missions and satellites, and has led to the understanding of the "Trojan" asteroids in our solar system and the interplanetary superhighway.

STAR GAZING

Join us on the observing deck as we peer through telescopes at the stars, planets, and moons. Visit our website for directions to the observing deck.

9-10pm • July 20, August 24

FREE