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 artwork 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
jcreight@uwm.edu

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!

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.

Journey to Jupiter
7-7:55pm | $5

planetarium.uwm.edu   |   #UWMPetearium50
**STARGAZING**

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

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**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.

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**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!

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**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 lead to the understanding of the “Trojan” asteroids in our solar system and the interplanetary superhighway.

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**Fall Show**

**Nightmares in the Sky**

*Fridays, September 9-October 14, 2016*

7-7:55pm | $4

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