

April 2016

RSVP to our Celestial Celebration!

Celebrate the 50th anniversary of the UWM Manfred Olson Planetarium with us! The festivities will include a special sit-down dinner, a silent auction, a spectacular planetarium program, and a brief presentation with highlights from the past and dreams for the future. All proceeds benefit the UWM Planetarium. We hope you will join us!



**Head to our website for
 a link to the form!**
planetarium.uwm.edu

Current Show

¡Se fue la luz!

A Night Under the Caribbean Sky

Fridays, March 25 - May 6

7-7:55pm | \$3

Groove to the music of the tropics in *A Night Under the Caribbean Sky*, presented by the UWM Planetarium and the Center for Latin American and Caribbean Studies (CLACS). Stirring (live and recorded) percussion performances from Cecilio Negrón and his youth drummers from Proyecto Bembe, a project of the Milwaukee Public Theater and supported by CLACS, will transport the UWM Planetarium into a cultural retreat across the Caribbean.

Jean's Corner

A Note From The Director



Dear UWM Planetarium friends:

My staff and I are so excited about our big party. The food has been ordered, the invitations sent out, and the program set. By the time you read this, we might have chosen the flowers. What is exciting? To see the beautiful RSVP envelopes come back in my mailbox. What a thrill!

What stories can I tell? I was able to find all employees who have worked at the UWM Planetarium since the very beginning thanks to John Harmon—previous Director—associated with the UWM Planetarium for 38 years. My very first production person, Zach Fleischmann, will come to A Celestial Celebration with his bride. The chef is dreaming of astronomical desserts.

You still have time to secure your seat. I look forward to celebrating our Planetarium together.

I hope to see you soon under the stars,

Jean
jcreight@uwm.edu

Congratulations!



Samantha Mathy proposed to Matt Blake, one of our designers/production staff, in the UWM Planetarium in front of family and friends this past month. Congratulations to the happy couple from all of us!

Help our Rocket travel farther!

Our Donation Rocket has been having an amazing journey! Thanks to a very generous patron, you have a chance to double your contribution! We have been given a MATCHING grant for up to \$2,500. For every dollar you donate to your Manfred Olson Planetarium, another dollar is donated as well matching dollar for dollar. If we can raise \$2,500, our donor will match it and give the Planetarium another \$2,500 for a total of \$5,000 toward our goal to buy new software and projectors. 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.

April 6

CERN and the Large Hadron Collider

Speaker: Graduate Student, Casey McGrath

> The Large Hadron Collider – the largest and perhaps the most complex scientific instrument ever constructed accelerates protons up to 99.999999% the speed of light and smashes them together in order to probe the very structure of the most fundamental building blocks of our universe. CERN, the “European Organization for Nuclear Research,” is the home of this ring collider buried deep beneath the French-Swiss border outside of the city of Geneva. As a student and scientist who lived and worked on-site at CERN a few years ago, I look forward to giving you an insider’s look into this amazing world of technology and wonder, as together we explore what is CERN and the Large Hadron Collider.

April 27:

Fast Radio Bursts

Speaker: Postdoc Researcher, Joseph Swiggum

>Fast Radio Bursts (FRBs) are bright, dispersed, millisecond-duration signals of unknown origin. FRBs have now been found with the Arecibo and Green Bank telescopes, vindicating their existence. Now, almost a decade after their discovery, a smoking gun has been found; the radio afterglow of the host galaxy of FRB 150418 may help shed light on the cosmic origins of FRBs.

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. Hot chocolate available for purchase.

9-10pm • **Wed: April 6** • **Wed: April 20** • **BLITZ Mon - Thurs: May 2 - 5**

FREE