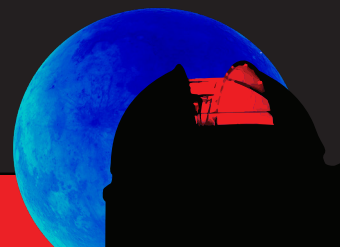


# THE BLUE MOON OBSERVER

MAY 2024  
Volume 26, Number 5



DOOR PENINSULA ASTRONOMICAL SOCIETY

*Promoting the science and public education of astronomy, encouraging observational participation in astronomy, and providing outreach at the Leif Everson Observatory.*



The Door Peninsula Astronomical Society is a local club and a chapter of the Astronomical League.

DPAS operates and maintains the Stonecipher Astronomy Center and the Leif Everson Observatory, which is equipped with a PlaneWave Instruments 17 inch f/6.8 Corrected Dall-Kirkham Astrograph telescope on a L-500 mount for astrophotography and research. On a portable mount is a 102mm refractor with a hydrogen alpha filter for studying details of activity on the sun.

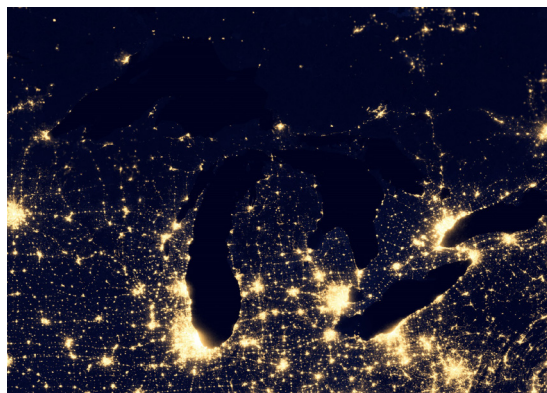
DPAS also owns and operates a portable planetarium with a state-of-the-art computer projection system which is used on cloudy nights, for daytime activities, and for public outreach in local schools and libraries.



**Stonecipher Astronomy Center,  
Astronomy Campus,  
Leif Everson Observatory,  
and Star Garden**  
PO Box 331  
2200 Utah Street  
Sturgeon Bay, WI 54235



M81 near the Big Dipper  
DPAS (processed by Tom Gwilym)



## MONTHLY MEETING

MAY 14, 7:00 PM

### MONTHLY MEETING & PROGRAM: Dark Skies and Wildlife

Obviously, those interested in astronomy dislike light pollution, but unnecessary artificial lighting harms far more than the view of the night sky. DPAS Board member Coggin Heeringa will describe emerging research about how wildlife is negatively affected.

**Free and open to the public.**

**Meet at the Stonecipher Astronomy Center  
2200 Utah St., Sturgeon Bay**



## VIEWING NIGHT

MAY  
**11**

starting at  
7:00 PM

Join the members of the Door Peninsula Astronomical Society for an "out of this world" experience. Planetarium Show "Voyage Through Time" will be offered. Beginning at dusk the Observatory will be open and unaided eye and small scope viewing will be offered outdoors.

**Free and open to the public.**

**Astronomy Campus  
2200 Utah St.  
Sturgeon Bay**

## OUTREACH IN APRIL



**APRIL 5**  
**Planetarium Shows at the Destination Imagination Tournament**  
DPAS offered Planetarium shows with attendance surpassing 250.

**APRIL 5 & 28**  
**Open Dome Nights**



**APRIL 8**  
**Partial Eclipse Viewing Party**  
More than 600 people enjoyed safe viewing at the Astronomy Campus.

**APRIL 9**  
**Monthly Meeting and Program**



**APRIL 21**  
**Every Day Is Earth Day Event**  
More than 150 people participated in solar viewing at the Earth Day event at Crossroads.

## MEETING HIGHLIGHTS



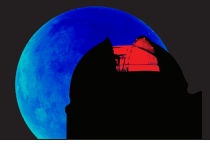
In keeping with our 2024 educational theme of "Inspiring with Images", DPAS President Dave Lenius presented "Discoveries from the James Webb Telescope." Dave talked about the planning, launch and use of the most powerful telescope ever made...and described some of the groundbreaking discoveries which have resulted from the images from this scope. The sky cleared up for night sky observation following the meeting.

4.8.2024  
PARTIAL

# Eclipse

VIEWING  
PARTY





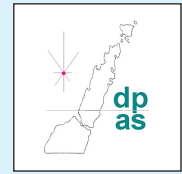
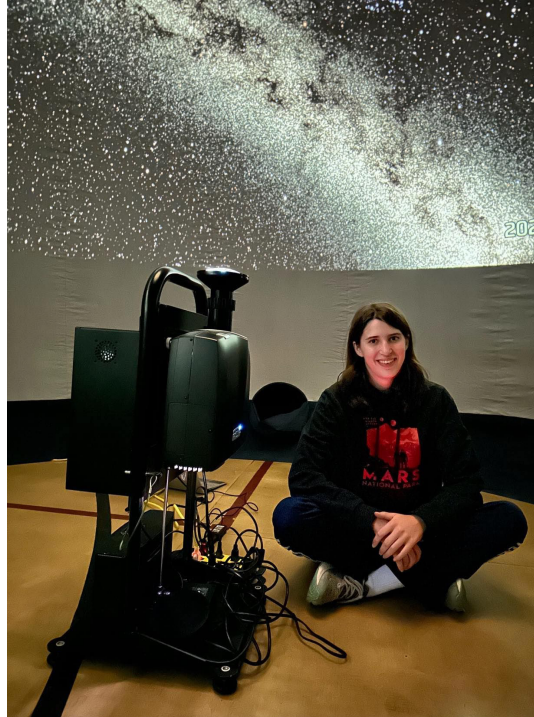
# MAY VIEWING NIGHT

**SATURDAY, MAY 11**  
**7:00 PM**

As we progress closer and closer to the Summer Solstice, sunset and darkness are coming later each day. But the DPAS Board decided that we would continue to open our scheduled monthly Viewing Nights at 7:00 pm. Planetarium shows, which last about a half hour, will begin at 7:00, but understand that seating is limited. Those waiting for showings will be able to tour the Leif Everson Observatory and Astronomy Campus and to view some of the deep sky images captured and processed by DPAS members. We will repeat the planetarium shows throughout the evening.

We are thrilled that our intern, Amanda Austin, is back and will be presenting "Journey through Time." Using a variety images, she will explain how humanity's understanding of the universe has changed throughout history. Follow the path from ancient astrologers, to forests on Mars, to island universes, to modern astrophysics on our voyage through time.

That Saturday evening, the sun will set shortly after 8:00 so the sky will become dark by around 9:30. Clouds permitting, DPAS members will set up telescopes in the Star Garden and open the dome of the observatory.



## BOARD OF DIRECTORS

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**Jim Gallt**  
MEMBER AT LARGE

**Coggin Heeringa**  
SCHOOL COORDINATOR, EDITOR

**Ray Stonecipher**  
IN SPIRIT

The business of the DPAS is largely conducted at the Board meetings to leave the general meetings open for programs. Members of DPAS are invited to attend Board meetings.

# BECOME A DPAS MEMBER TODAY!

## DOOR PENINSULA ASTRONOMICAL SOCIETY MEMBERSHIP FORM

Please print to complete:

ADULTS' NAME (S)

CHILDREN'S NAME (S)

ADDRESS

CITY

STATE

ZIP

PHONE

EMAIL (REQUIRED TO RECEIVE NEWSLETTER)



- Lunar Level \$30
- Planetary Level \$50
- Asteroid Level \$100
- Comet Level \$250
- Nebula Level \$500
- Galaxy Level \$750
- Supernova Level \$1000

Please do not list my (our) names in publications.

Mail payment to: DPAS, PO Box 331, Sturgeon Bay, WI 54235

Or, use PayPal: [payments@doorastronomy.org](mailto:payments@doorastronomy.org)



When the just past full moon comes up and wipes out the sky, what do you do? Globular clusters. M92. DPAS (processed by Tom Gwilym)

# DOOR PENINSULA ASTRONOMICAL SOCIETY

LEIF EVERSON OBSERVATORY & ASTRONOMY CAMPUS 2200 UTAH ST., STURGEON BAY

OPEN TO THE  
PUBLIC

ALL EVENTS  
Free

# Astronomy IN MAY

*Saturday*  
**MAY 11**  
2:00-4:00 PM

## Solar Viewing at Potowatomi Park

Meet at the Old Ski Hill Overlook - Potowatomi State Park, 3740 Park Dr., Sturgeon Bay

*Saturday*  
**MAY 11**  
7:00 PM—?

## May Viewing Night

• 7:00 PM Planetarium Shows • 9:30 PM Observatory Outside Sky Viewing  
Meet at the Stonecipher Astronomy Center - 2200 Utah St., Sturgeon Bay

*Tuesday*  
**MAY 14**  
7:00 PM

## Meeting of the Door Peninsula Astronomical Society

**EVENINGS**  
ANNOUNCED  
AT DUSK

## Open Dome Nights



*May weather is unpredictable. So are comets and northern lights.*

FOLLOW the Door Peninsula Astronomical Society on Facebook for time-sensitive announcements of OPEN DOME NIGHTS when we anticipate these unpredictable, ethereal astronomical events.

*Due to quickly changing weather conditions, we usually announce OPEN DOME NIGHTS at dusk.*



DOOR PENINSULA ASTRONOMICAL SOCIETY

Meetings of the Society are held on the second Tuesday of every month at 7:00 PM in the Stonecipher Astronomy Center. 2200 Utah Street in Sturgeon Bay

[WWW.DOORASTRONOMY.ORG](http://WWW.DOORASTRONOMY.ORG)