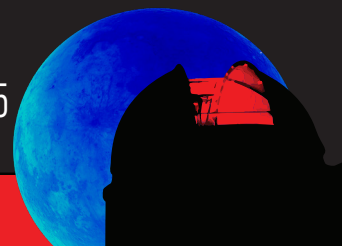


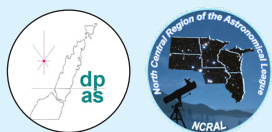
THE BLUE MOON OBSERVER

SUMMER/FALL 2025
Volume 27, Number 1

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

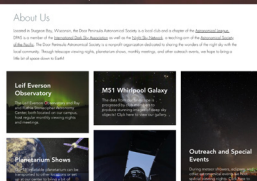
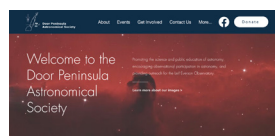


High in the northern sky, Sh2-132 is an emission nebula located in the constellation Cepheus. Also called the Lion Nebula, this region is filled with emission nebulas and dark clouds of dust. Captured in visible light from our 17" telescope "Ray," and processed using a false-color Hubble-like palette, the details of the region are a stunning sight!

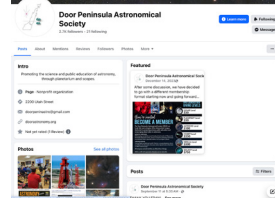
ONCE IN A BLUE MOON

For years, the Blue Moon Observer was published on a regular basis. However, with the rising costs of postage—and with our ability to share updates through MailChimp, Facebook, and our website—the newsletter will continue, but for the foreseeable future it will be published only "once in a blue moon."

Our website calendar is kept up to date and lists all society activities. Events also are posted on Facebook. In addition, we have created an informational brochure that will be available at locations throughout the county.



www.doorastronomy.org



[www.facebook.com/
DoorPeninsulaAstronomicalSociety](https://www.facebook.com/DoorPeninsulaAstronomicalSociety)

MONTHLY MEETING

OCTOBER 14, 7:00 PM

**MONTHLY MEETING & PROGRAM:
A Game of Stones -
the Rocky Road to the Earth**
Program presented by Steve Ransom-Jones

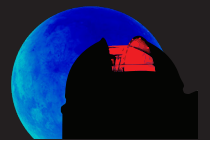
In celebration of Wisconsin Science Festival's official theme for 2025 of "Rocks!" we will be taking a trip over rocks, both near and far, to discover where they come from and the role that they play in the formation of our solar system. We will do this through a series of seemingly light-hearted questions:

- What on Earth are rocks and how does geology make them?
- What rocks fall from space?
- How did space rocks get up there?
- Where did space rocks come from in our dusty universe?
- Was Cassini the ultimate dust (and rock) collection device?
- Do we have a rocky perspective on space dust and cosmic dust helping form Earth?

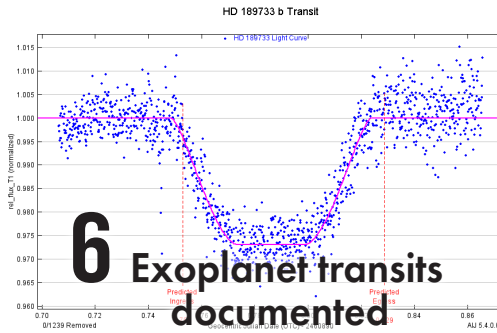
**Free and open to the public.
Meet at the Stonecipher Astronomy Center
2200 Utah St., Sturgeon Bay**



EXPANDING OUTREACH THROUGH EDUCATION



Thanks to generous grants from the
Wisconsin Space Grant Consortium and
Women's Fund of Door County, the
Door Peninsula Astronomical Society
has fulfilled the requirements of
the project which ran from
January 1 – August 31
of this year.



15 Solar viewings
reaching 370 visitors



16 Planetarium shows at
the Stonecipher Center

8 Images displayed
in classrooms



11 School visits reaching
more than 500 students



64 New or renewed
DPAS members



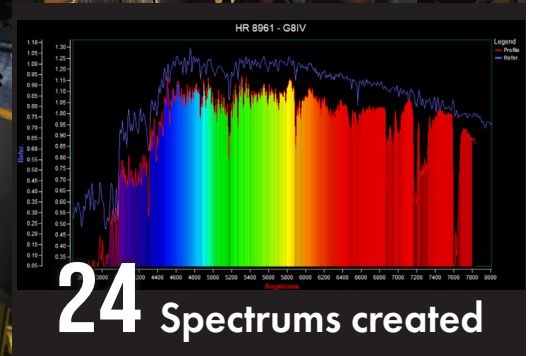
7 monthly meetings



18 Public telescope events
190 participants



18 Telescope images
captured and processed



24 Spectrums created



1 Pamphlet created



2 Generous grants
received

f 2,714 PEOPLE FOLLOW US
ON FACEBOOK. DO YOU?

THANK YOU AMANDA, Wisconsin Space Grant, and the Women's Fund of Door County

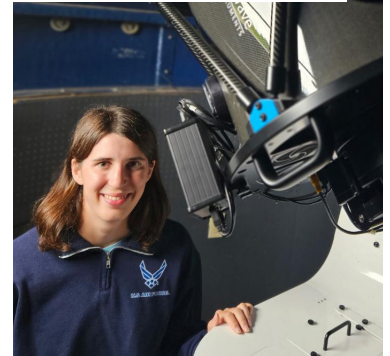
Thanks to generous support from the **Women's Fund of Door County** and the **Wisconsin Space Grant Consortium**, our intern Amanda Austin kept DPAS buzzing with activity this summer.

She captured the spectrum of distant stars and recorded the transits of mysterious exoplanets, contributing data now shared worldwide through the American Association of Variable Star Observers. She also produced stunning images of deep-space objects—nebulae, galaxies, and even an asteroid! Beyond research, Amanda presented planetarium shows, led observatory tours, and set up solar viewings across Door County.

Amanda has now returned to Michigan Technological University, where she studies electrical engineering and participates in Air Force ROTC. We're excited to welcome her back on breaks!



WOMEN'S FUND
OF DOOR COUNTY



THANK YOU JIM and Wisconsin Space Grant Consortium

With the help of a grant from the **Wisconsin Space Grant Consortium**, DPAS was able to purchase the equipment needed to begin research in spectroscopy. From concept to installation, and through mentoring club members and university students, Jim Gallt has introduced a full spectrum of new research opportunities to the society.

This summer, Jim mentored Kody Walker from Indiana State University, who developed an academic poster—*Spectra Analysis: Identifying Elements and Evidence for the Dust Trail*—based on data gathered at the Leif Everson Observatory using our APLY600 Spectroscope and CDK17 telescope.



COMING SOON!
2026 DPAS
CALENDAR



BOARD OF DIRECTORS

David Lenius
PRESIDENT

Jennifer Austin
VICE PRESIDENT

Jacque Axland
SECRETARY/TREASURER

Tom Minahan
GENERAL MEETING SECRETARY
AND OUTREACH CHAIR

Steve Ransom-Jones
PROGRAM CHAIR

Coggin Heeringa
SCHOOL COORDINATOR, EDITOR

Cory Gorski
MEMBER AT LARGE

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

- ☐ **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

Please print to complete:

ADULTS' NAME (S)

CHILDREN'S NAME (S)

ADDRESS

CITY

STATE

ZIP

PHONE

EMAIL (REQUIRED TO RECEIVE NEWSLETTER)

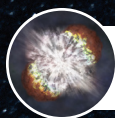


DOOR PENINSULA ASTRONOMICAL SOCIETY

Thank you DONORS/MEMBERS

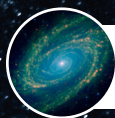
Bequests and grants
provide opportunities,

**BUT...the on-going support
of our donors and members
support our mission.**



SUPERNOVA Level \$1000

James and Margie Gallt 2024, 2025
Kenneth and Jean Hill 2024
Susan and Nancy Kreuter 2024, 2025



GALAXY Level \$750

Jacque Axland 2024, 2025



NEBULA Level \$500

Don and Coggin Heeringa 2024, 2025
Douglas and Renea Heinrich 2024, 2025
Dennis and Patricia Meyer 2025
John and Annette Vincent 2024



COMET Level \$250

Dan and Marji Andrae 2025
Anonymous 2024
Baerando and Ann Desimone 2024, 2025
Paul and Trisha Filar 2024, 2025
David and Carol Lenius 2024, 2025
Micheál and Claudia Masterson 2025
Dennis and Patricia Meyer 2024
Hein and Miriam Moritz 2025
Steven and Lana Ransom-Jones 2025

OUR MISSION:

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



ASTEROID Level \$100

Anonymous 2025
Susan and Lee Basten 2024, 2025
Sears and Shawn Carpenter 2024, 2025
David and LeeAnn Casper 2025
David and Candace Cohen 2025
David and Janet Daniel 2024
Tom and Andrea Esau 2024
Charles Fernandez 2025
Joseph Gaul 2024
Cory and Jess Gorski 2024
Lee and Eileen Kummer 2024, 2025
Michael and Claudia Masterson 2024
David Meyer 2024
Tom and Claire Minahan 2024, 2025
Hein and Miriam Moritz 2024
Robert and Carla Myerson 2025
Michael and Gayla Newmeister 2024, 2025
James O'Reilly and Kathleen Tryner 2024, 2025
Dan Robbin 2025
Mike Roeck 2025
James O'Rourke 2024
Steven and Lana Ransom-Jones 2024
Todd and Sheryll Rockway 2024
Julie and Sarah Schwerdtner 2024
Gina Stuart 2025
Francis and Janet Uteg 2024, 2025
James Volin 2024
James and Elizabeth Williamson 2024



PLANETARY Level \$50

Dan and Marji Andre 2024
Alec and Shelley Bath 2024
Ralph Czech 2025
Larry Darling 2024
Robert and Joanne Dwyer 2024
Tom and Andrea Esau 2025
Thomas and Jill Gaertner 2024, 2025
Paul Gruener 2024, 2025
Tom and Traci Gwilym 2024
Kenneth and Jean Hill 2025
Bob Jorin 2024
Wiley and Roselyn Krapf 2024
Mary Murphy 2024
Kevin O'Donnell 2024
Mark and Laura Osinski 2025
Dzintars Petersons and BettyLou Schoemacker
2024, 2025
Steven and Lana Ransom-Jones 2025
Kipp Rhoads 2025
Christine Risch 2024
Marie Viglas 2024
Kenneth and Linda Volin 2024
John Wells and Kathy Vandeleest 2025
James and Elizabeth Williamson 2025



LUNAR Level \$30

Gayle and Peter Andre 2025
Alec and Shelley Bath 2025
Katharin Bauman 2025
David and Patricia Buck 2024, 2025
Gary Bussman 2024
Kevin and Kimberly Butler 2025
Gloria Case 2024
David and LeeAnn Casper 2025
Robert and Joanne Dwyer 2025
Bob and Jill Gershan 2024, 2025
Stella Gilman 2024, 2025
Mary Grote 2025
Lisa Heaton 2024
Gary and Barbara Henkelmann 2024, 2025
Bob Jorin 2025
Judith Kuenn 2024, 2025
Wiley and Roselyn Krapf 2025
Brent and Margaret LaReau 2024, 2025
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David Meyer 2025
John and Margaret Petersen 2024
Kipp Rhoads 2024
Jay Schubring 2024, 2025
Stuart and Gina Stuart 2024, 2025
Dennis and Constance Sundin 2024, 2025
Stephen and Deborah Tayler 2024, 2025
Kristin Thorp-Ziniel and Michael Ziniel 2024
Michael and Linda Wember 2024, 2025
Marie Viglas 2025
Mike and Misty Witt 2024
Tina Wolff 2024
Wes and Kate Worth 2025
Gordon and Carol Wright 2025

**We also are grateful to our anonymous
donors and those who put gifts
in our "donation sphere".**

A SPECIAL THANKS

to all who have presented programs,
maintained our landscaping, volunteered,
donated items, brought guests to events,
helped publicize programs and
otherwise helped DPAS thrive.

DOOR PENINSULA ASTRONOMICAL SOCIETY

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

ASTRONOMY *Events*

SEPTEMBER EVENTS

TUESDAY **SEPTEMBER 9**

DPAS September Meeting

7:00 PM

PROGRAM: *My Time with NASA*

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

THURSDAY **SEPTEMBER 18**

Guided Stargazing at The Ridges Sanctuary

7:00 PM

Visit www.ridgessanctuary.org
for more information and costs.

The Ridges Sanctuary
8166 Hwy 57, Baileys Harbor, WI



SATURDAY **SEPTEMBER 20**

Public Viewing Night

7:00 PM

Planetarium shows begin at 7 and are repeated about
every half hour. Night Sky Viewing once stars are visible.

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

OCTOBER EVENTS

TUESDAY **OCTOBER 14**

DPAS October Meeting

7:00 PM

PROGRAM: *Historical Discoveries that Changed
our View of the Universe*

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

SATURDAY **OCTOBER 18**

Public Viewing Night

7:00 PM

Planetarium shows begin at 7 and are repeated about
every half hour. Night Sky Viewing once stars are visible.

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



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