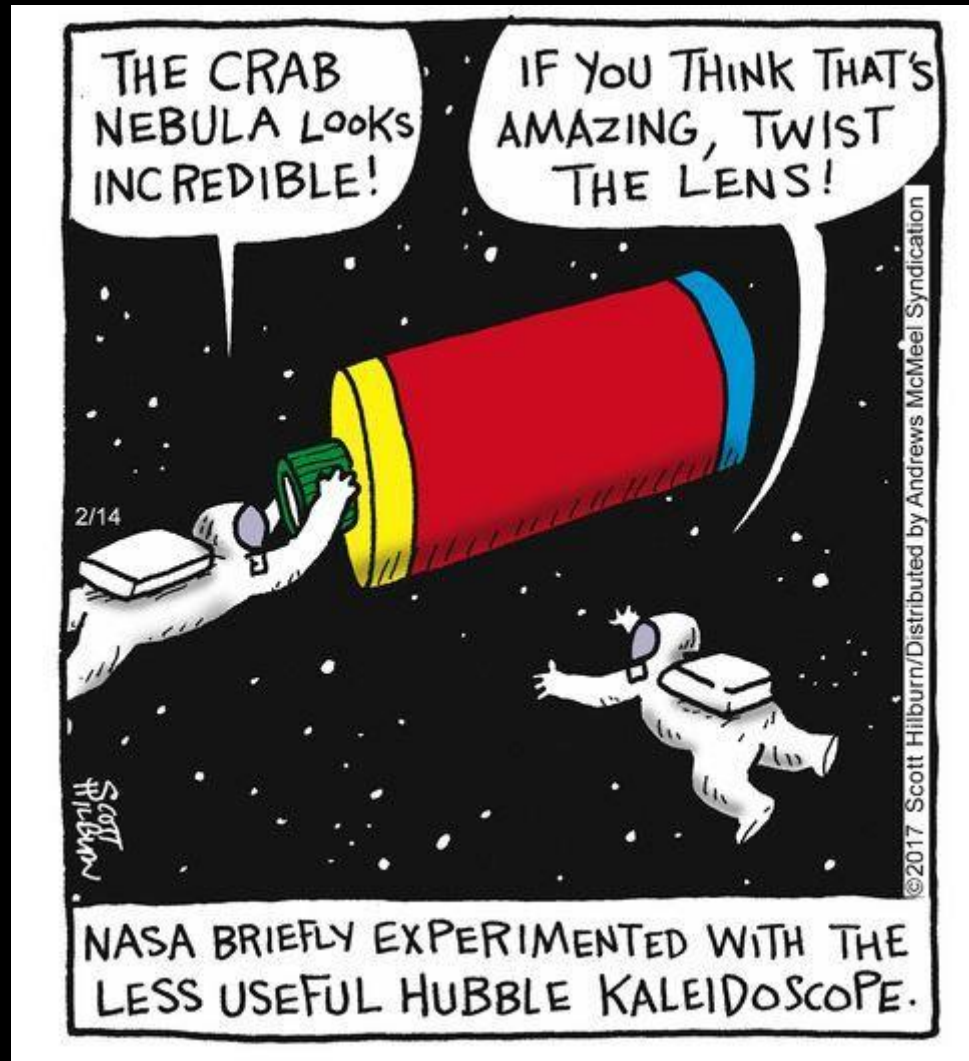


# Howard Astronomical League



February 18, 2021

# Astro Humor



# Welcome New Members and Guests

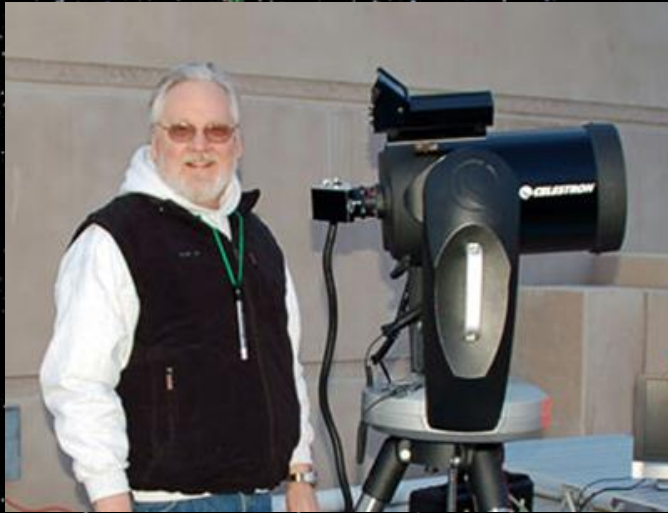


# Mars Perseverance Rover



# Chas Rimpo

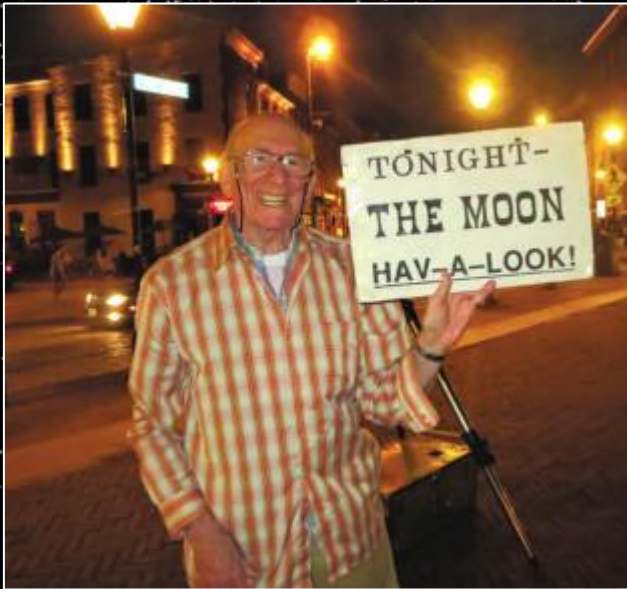
## HAL Member for Life



**STARSTRUCK** Chas Rimpo, of Dayton, adjusts a laptop computer, which was hooked up to a video camera and a telescope on the lawn of the Glenwood Branch Library Nov. 7. Rimpo, along with other members of the Howard Astronomical League, set up telescopes for the public to view the stars.



# Remembering Herman Heyn



**1930-2021**

**Thanks for sharing 2,587 viewing nights with the Baltimore community and its visitors.**

**You're gift to HAL is a gift to us and all generations to come. We will cherish it and share it.**

# HAL Public Star Parties

(Virtual and hopefully soon in-person)

| Month     | Date | Invitees |
|-----------|------|----------|
| March     | 13   | Members  |
| March     | 20   | Public   |
| April     | 10   | Members  |
| April     | 17   | Public   |
| May       | 8    | Members  |
| May       | 22   | Public   |
| June      | 5    | Members  |
| June      | 19   | Public   |
| July      | 3    | Members  |
| July      | 17   | Public   |
| August    | 7    | Members  |
| August    | 14   | Public   |
| September | 4    | Members  |
| September | 11   | Public   |
| October   | 2    | Members  |
| October   | 16   | Public   |
| October   | 30   | Members  |
| November  | 13   | Public   |

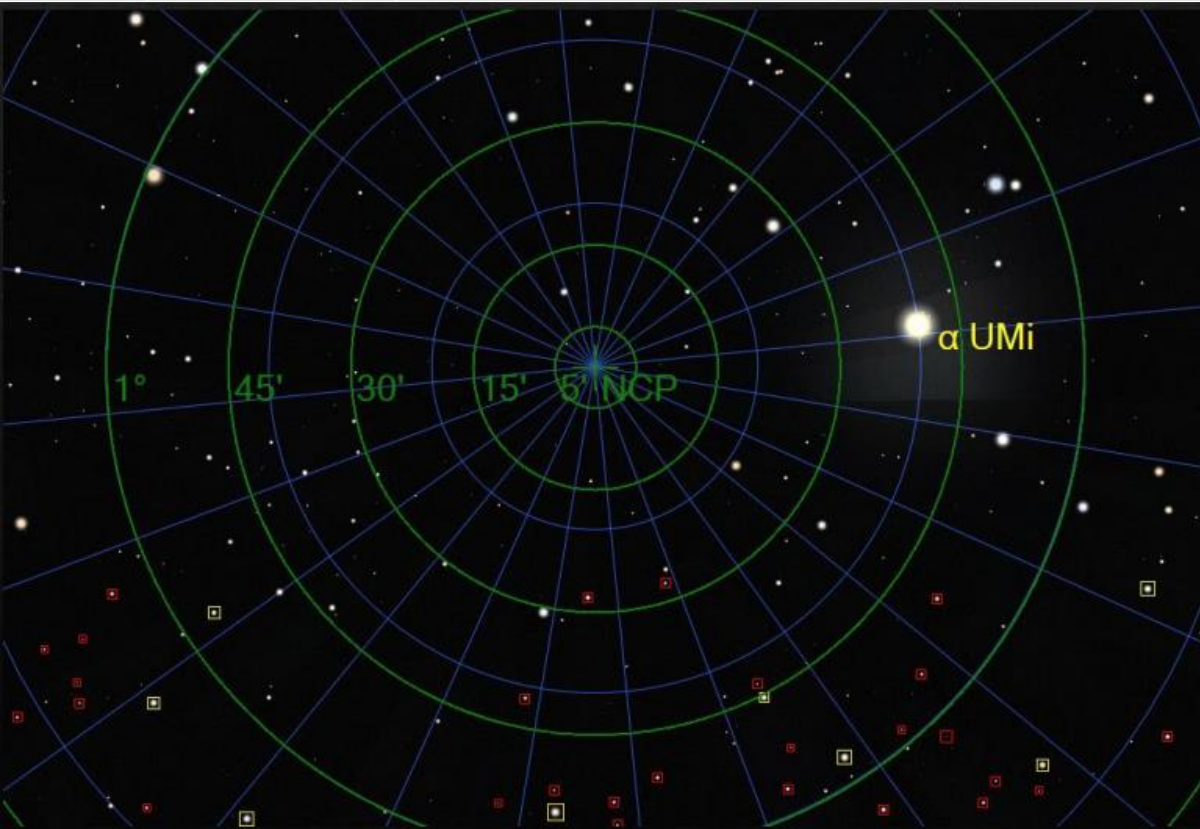


# Impromptu Star Parties

Alpha Ridge is open for a keyholder to call an Impromptu with the following provisions:

- 1) HALO will remain closed, except to the keyholder to turn off/on the parking lot and restroom lights and to turn on power to the exterior SE corner of HALO.
- 2) The restrooms will not be unlocked. If they are left unlocked by the County, they are not to be used.
- 3) The keyholder is responsible for closing the gate after entering and keeping lock separately until locking up at the end of the observing session.
- 4) Members will be informed that the gate is being left closed except for entry and exit. Members will be asked to open the gate inwards and close the gate behind them upon arrival and to repeat the routine upon departure.
- 5) Members will be reminded that all social distancing protocols currently called for in Howard County will be in effect.

# Astro-School Virtual Date TBD



Good Polar  
Alignment and its  
Benefit to your  
Astrophotography

John Nagy

# Officer Reports

## HAL Officers/Positions 2021

|                               |                  |                               |
|-------------------------------|------------------|-------------------------------|
| <b>President</b>              | Phil Whitebloom  | president@howardastro.org     |
| <b>1st Vice President</b>     | Victor Sanchez   | 1stvp@howardastro.org         |
| <b>2nd Vice President</b>     | Jim Tomney       | 2ndvp@howardastro.org         |
| <b>Treasurer</b>              | Joel Goodman     | hal_treasurer@howardastro.org |
| <b>Secretary</b>              | Yvonne Chiarelli | secretary@howardastro.org     |
| <b>Event Coordinator</b>      | David Stein      | events@howardastro.org        |
| <b>Publicity Chair +</b>      | Joel Goodman     | halpublicity@howardastro.org  |
| <b>Observatory Director *</b> | Dale Ghent       | observatory@howardastro.org   |
| <b>Librarian +</b>            | Bob Dutilly      | librarian@howardastro.org     |
| <b>ALCor +</b>                | Steve Jaworiwsky | halcor@howardastro.org        |
| <b>Webmaster *</b>            | Ken Sall         | Use "Contact Us" Page         |

\* Appointed as voting officers of the board of directors by President with board approval

+ Appointed non-voting member of the board except when position filled by an elected officer

# Tonight's Guest Presenter



**Dr. Harvey Tananbaum**  
**Former Director Chandra X-Ray**  
**Observatory**

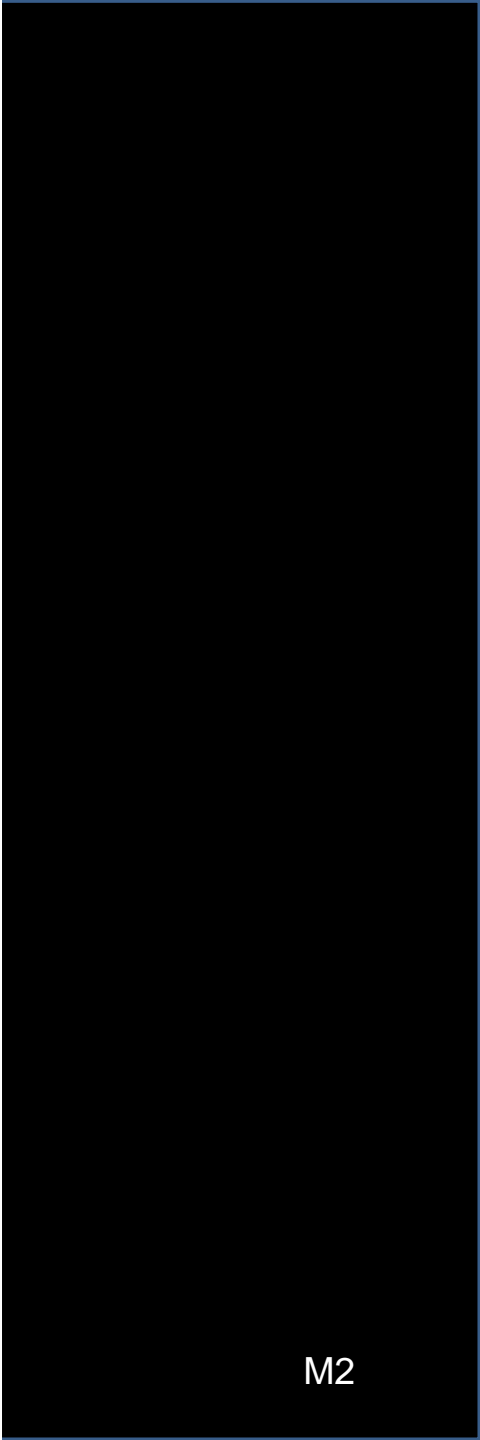


# HAL Members Astro Art





Cheryl Kerr



Cheryl Kerr

M2

M45 - The Pleiades  
DSLR w/400mm  
Zoom Lens  
November, 2020





M81 - Bode's Galaxy  
1-Hour of Data  
April, 2020  
Processed with GIMP



M81 - Bode's Galaxy  
1-Hour of Data  
April, 2020  
Processed with SIRIL

M94 - Cat's Eye Galaxy  
Central Core Only  
June, 2020



© Steve Rifkin, 2020

Venus Transit  
June 5, 2012



© Steve Rifkin, 2012



Brad Martin





Brad Martin

March Guest Presenter  
March 18th

To Be Announced

Thank You

CLEAR SKIES!  
STAY HEALTHY!