



Back Bay Amateur Astronomers

**GEORGIE JUNE**



# SCHOLARSHIP RAFFLE

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**Multiple Chances to WIN!**

**\*Apertura AD10 Dobsonian 10" Telescope**

**\*Raspberry Pi 4 (8GB) with MagicMirror<sup>2</sup>**

**\*1.25" Orion SkyGlow Broadband Eyepiece Filter**

**\*Orion 7.2-21.6mm Zoom Telescope Eyepiece**

\$10

**RAFFLE DATE: APRIL 7<sup>th</sup> 7:30PM - 9:00PM (BBAA Club Meeting)**  
**RAFFLE LOCATION: Science BLDG , TCC , Virginia Beach, VA**

\$10

## TICKET INFORMATION

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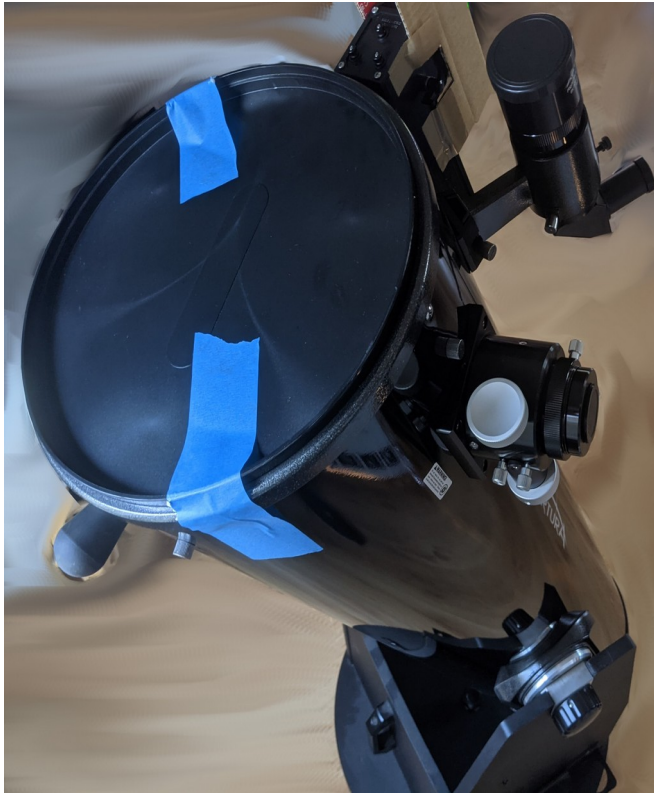
TICKETS will be available from any BBAA elected officer and will cost \$10 each. The raffle will be held on April 7<sup>th</sup>, 2022 during the monthly club meeting which will take place at TCC Virginia Beach Campus in the Science BLDG at 7:30-9:00pm. The winners do not have to be present, but will be responsible for pickup of the prize(s).

All proceeds from this raffle benefit the Georgie June Scholarship fund. Georgie June was a passionate amateur astronomer and longtime active member of the Back Bay Amateur Astronomers and the club suffered a great loss with her passing after a long battle against cancer. Georgie was one of those rare individuals who made a positive impact on everyone she came into contact with. She served as the club's Astronomical League Coordinator (ALCOR) for many years, and the enthusiasm and encouragement she displayed in that role have defined the job of ALCOR in our club to this very day. Her love of astronomy, which was rooted in a pure enjoyment of the beauty of the universe, was a source of inspiration to us all. To say she is missed is an understatement. Please join us in remembering Georgie by giving to a scholarship that helps her memory live on by sharing her love of astronomy with future generations.

GJ Memorial Astronomy Scholarship Information: [http://backbayastro.org/documents/BBAA\\_Scholarship\\_Application.pdf](http://backbayastro.org/documents/BBAA_Scholarship_Application.pdf)

Questions: [info@backbayastro.org](mailto:info@backbayastro.org)

## Apertura AD10 Dobsonian 10" Telescope



We are raffling off a donated Apertura AD10 Dobsonian 10" Telescope (\$800 value). This is a used telescope that is in great condition. Comes with a telrad and a right angle finderscope. The tube was flocked at the factory and a cooling fan for the mirror has been installed.

- 2" Crayford-style Dual Speed 10:1 Micro Focuser
- 1.25" Focuser Adapter
- 4-Hole Eyepiece Tray
- Primary Mirror Cooling Fan - Brings your telescope to ambient temperature quickly and efficiently.
- 8x50 Right Angle Correct Image Finder and Bracket - Easily locate celestial objects from a comfortable position.

## Raspberry Pi 4 (8GB) with MagicMirror<sup>2</sup>

Raspberry Pi 4 (\$150 value) with MagicMirror<sup>2</sup> which is similar to an interactive whiteboard. MagicMirror<sup>2</sup> focuses on a modular plugin system and is customizable with hundreds of modules that can be installed. The MagicMirror<sup>2</sup> allows you to convert your mirror, extra monitor, or you can just use your TV, into a personal assistant. For our purpose the modules will be astronomy related. The main website is located here:

<https://magicmirror.builders/>. You can browse the different modules available here:

<https://github.com/MichMich/MagicMirror/wiki/3rd-Party-Modules>. You can watch a short video from its creator at this link: <https://vimeo.com/171152845>.

### **Magicmirror2 Package Includes The Following Items**

- Raspberry Pi 4 Model B (8GB Version)
- 128GB Class 10 High Speed MicroSD Card
- CanaKit 3.5A USB-C Power Supply
- CanaKit Premium Self-Cooling Silver Case with Soft Touch Black Lid
- Set of 2 Micro HDMI to HDMI Cables (6-foot cable)
- USB Card Reader Dongle
- CanaKit Quick-Start Guide
- CanaKit GPIO Reference Card



Questions: [info@backbayastro.org](mailto:info@backbayastro.org)

## 1.25" Orion SkyGlow Broadband Eyepiece Filter



- For observers viewing through a telescope from suburban or city skies, the Orion SkyGlow filter can significantly improve the quality of your view
- The SkyGlow filter enhances deep-sky observations in moderately light-polluted skies
- Broadband filter blocks the most common wavelengths of light pollution for increased contrast and better views
- SkyGlow eyepiece filters improve views of nebulae, galaxies as well as open and globular star clusters

## Orion 7.2-21.6mm Zoom Telescope Eyepiece

- The Orion 7.2-21.6mm Zoom Telescope Eyepiece allows you to change magnification power without swapping out eyepieces
- Quickly twist the eyepiece housing to change the focal length from 21.6mm at the lowest power to 7.2mm at the highest, allowing a continuous range of magnification between
- The eyepiece consists of seven lens elements in four groups, which are fully multi-coated with anti-reflection coatings for a crisp and bright view.
- Exceptionally long 18mm-20mm eye relief range allows for the use of eyeglasses without reducing the field of view visible through the eyepiece
- 65-deg to 42-deg field of view

