

BBAA Astronomy Club June 7, 2018 (Plaza Middle School Planetarium)

Chuck Jagow (President):

Called meeting to order at 7:35 PM.

Members present include: Chuck Jagow, George Reynolds, Shawn Loescher, Bruce Powers, Jeff Goldstein, Ben Loyola, Mark Gerlach, Raina Guffey, Scott Guffey, Arch Walpole, Joey Quinn, Arch Walpole, Bill Powers, Matt McLaughlin, Mark Croom, Paul Tartabini, Neill Alford, Homer Rushing, Frederic Ugarte, Bill Rust, Pat Mangum, H.L. Marks, Jane marks, Mathew Cook, T. Griffin Cook, Will Greer, Kim Greer, Joey Quinn, Zoe Waring, Glen Waring, Tina Waring.

Chuck opened the meeting thanking Mr. Dibbs for the use of the planetarium.

Vice President Events Report (read by Shawn Loescher):

June:

06/07 – BBAA Club Meeting at Plaza Middle School Planetarium
06/09 – Sun Gazing (Providence Place of DePaul assisted living facility) 10:00 – 12:00 Noon
06/09 – Skywatch NWRP (8:00 – 12:00 midnight) only a 4 hour event + 1 hour before for telescope help
06/15 – Corn Watch (Cornland Park Private) Sunset – Dawn. Bring BBAA ID & Cornland Permit
06/16 – Nightwatch Chippokes Plantation State Park (8:30 PM – 6:30 AM, 6/16)
06/22 – Corn Watch (Cornland Park Private) Sunset – Dawn. Bring BBAA ID & Cornland Permit
06/23 – Saturday “Sun” Day (Elizabeth River Park, Chesapeake) 10:00 AM – 1:00 PM
06/26 – Boardwalk Astronomy #2 for this year, 24th Street (6:00 PM – 11:00 PM)

July:

07/03 – Deep Creek Summer Academy (9:00 AM – 11:00 AM)
07/05 – BBAA Club Meeting at TCC Room JC-10
07/11 – Big Blue Summer Day Camp at ODU (7:30 – 11:30)
07/14 – Little Creek Star Gazing
07/23 – Summer Reading Program at Blackwater Regional Library
07/27 – Night Under the Stars: Pungo Blackwater Library

Treasurer’s Report (Bruce Powers)

General Fund Income: \$ 7,673.05
General Fund Expenses: \$ 3,832.40
General Fund Balance: \$ 3,840.75
Scholarship Fund Inc: \$ 1,923.52
Scholarship Fund Exp: \$ 1,500.00
Total: \$ 423.52

GJ S’ship Fund Income: \$ 1,131.00
GJ S’ship Fund Exp: \$ 500.00
Total: \$ 631.00

BBAA Financ. Sum’y \$ 4,895.27
Pending PayPal Depos. \$
BBAA Checkbook \$ 4,898.07
Checkbook + PP – Fin. \$ 2.80

Membership Data

Honorary Members: 5
Associate Members w/AL: 14
Associate Members: 1
Regular Members: 102
Total Members on Roster: 122

Paid up Members:

Members’ Dues (due this month)

Delinquent in dues:

Anticipated 2018 Dues: \$

Anticipated Expenses for 2018

AL Dues	\$ 650.00	Due in May
State Corp. Comm. Fee	\$ 35.00	
Insurance	\$ 320.00	Paid May 2018
Fees PO Box	\$ 102.00	Paid 1/9/18
July Picnic	\$ 200.00	
Mailings	\$ 150.00	Newsletter Snail Mail Mailings
Charitable	\$ 150.00	IDA and Clear Sky Chart
<u>Misc.</u>	<u>\$ 1,000.00</u>	Eyepieces, Legal Fees, Dark Sky Donations, Outreach Supplies, etc
Total:	\$ 2,607.00	

Secretary's Report (Jeff Goldstein)

Jeff started to read the May minutes, however moved and Jeff seconded to waive the reading of the minutes.

Scholarship Committee Report: (Ben Loyola presenter). Our club enjoys giving scholarship to two deserving high school seniors that excel academically as well as have a passion for astronomy. The SAT scores, GPA's, counselors, and student essays are considered for the scholarship competition. The Georgie June Scholarship for \$500 goes to Zoie Waring from Hickory High School in Chesapeake. Zoe read her beautiful essay to the group. She's planning on going to Randolph College in Lynchburg, VA. The Backbay Amateur Astronomer's Scholarship for \$1,000 goes to Will Greer from Ocean Lakes High School in Virginia Beach. Will read his excellent essay. Both recipients received a well-deserved applause from the club audience and their parents. Will is planning on going to Georgetown University. Ben mentioned that our stipends for the outreach programs and the raffle tickets sold go to fund these scholarships.

Chuck Dibbs agreed that the scholarships are a good thing to do. Additionally, the Planetarium has a scholarship event that is funded by donations to the planetarium. This was the Nick Anderson Scholarship. Again, the student's academic record reflected high standing. The Ocean Lakes Math and Science Academy student: Alex Fernandez was the winner for the mentorship / scholarship. It took Chuck 6 months to learn the software, where the student worked on an original planetarium show for 3 weeks (he worked over 70 hours). He had no idea he won until tonight. Alex Fernandez is going to Mary Washington to study Biology.

RRRT Report ("Bird" Lawrence Taylor) Bird was not present.

Old Business:

- City of Virginia Beach was given two 4½ inch Orion telescopes to Va Beach Libraries with laminated directions. Shawn and Leanne have donated several hours.
- Chuck bought a laminating machine for the instructions on these telescopes to aid users checking them out.

New Business:

- The 2018 BBAA Picnic will be held on August 4, 2018 at Redwing Park.
- Raffle Tickets for the Celestron Astro 5 Wifi 130 Reflector Telescope are \$5. Cell phone app controls it. The proceeds to the Georgie June Scholarship Fund. Tickets are available from all Club Officers. You do not need to be present to win.
- Moon guides are \$10 and Sky Guides are \$6
- Bruce Powers relayed from Jim Tallman: A Workshop for Solar Filter for your telescope. Bruce just took a survey to find out how many club members were interested.

Observing Reports & Announcements:

- George went to the East Coast Star Party and observed 100 double stars in the sky.
- George was a volunteer at the Brickle Academy and received a recognition award.
- Bill Rust spoke again about the focus and collimation masks that he made for this purpose. He mentioned being outside the focal point of focusing. Tried again on Jupiter. He set two images of tangency and adjusted for three images of tangency. Similar affects are made using a star. Bill passed around two sheets to show his work. His email is willrust@hotmail.com. He believed he captured an asteroid while imaging Jupiter. He showed the photos to the group.
- Ben Loyola mentioned the Juno Project to continue imaging Jupiter. Even one second of video images is valuable to Dr. Kunio for his grant. He has approximately 95 hours of images, so far. Your images go into the database and are automatically stacked and processed. His software will enhance the images submitted.
- Chuck Jagow mentioned that there were 300-400 people at the 1st Boardwalk Astronomy Event.
- Mark Gerlach will be retiring at have more time for astronomy.

- Shawn has just received a donated 8" Model Meade LX3 SCT Telescope. It needs some wires and a controller.
- Chuck Jagow mentioned that he has an excellent Astronomy Book: Total Sky Watcher's Manual.
- Also Chuck Jagow read an award from the Night Sky Network mentioning us as distributing solar eclipse glasses and we were recognized as assisting them with the Night Sky Network especially during this past eclipse.

Program (Chuck Dibbs) "Extra-Solar Planets"

Chuck presented an excellent movie about planets outside our solar system. It described the methods for the discoveries of hundreds of these extra-solar planets. Hot Jupiter like planets were first discovered. These planets are about 2,000 degrees Kelvin. The presentation was very enjoyable and well received.

Extra announcement: Raina Guffey mentioned she is putting together articles and photos for our Face Book site. Please contribute articles and photos.

Meeting adjourned at 9:12 PM.