

* CAS *

Charlottesville Astronomical Society



April 2022
Hybrid Meeting

Welcome Guests Welcome Zoom Guests New Members

Kathleen Guevara Family

Sam Miller Family

Stanley Milesky Family

Bob Faber

Chuck Hall

Alec Morrell

Peter Parker



Club Business

- **CAS Bank Account Balance : \$14,801.81**
-
- **Future Astronomers Share: \$6,101.61**
- **Uncleared Checks: 291.57**
- **Petty cash: \$110.00**
- **Total CAS cash assets : \$14,620.24**

- **CAS 2022 Membership**

- **Individual** 32
- **Family** 36
- **Senior** 42
- **Student/Military** 3

Total 113

CAS is a 501c3 Non-profit

Pay online at: <https://www.cvilleastro.com/online-member-application/>



New Members – Get to Know Ed

CAS Mentor and Equipment Manager Ed Preston

I retired from a career in mechanical engineering in 2007. In 2008 my wife and I moved from Galveston County TX to Charlottesville. We live under a half-dark sky, but within easy reach of local commerce. I have been seriously interested in amateur astronomy since I saw M5 through a home built 17.7" Dob about 1986. My primary interest is in helping other amateur astronomers advance in the hobby. I also pursue still and video astro-imaging. Recently clouds have gotten in my way a lot, so, like making lemonade from lemons, I am branching out toward skyscapes and time-lapse video of clouds.

Ed is the person to contact about using one of the club loaner scopes ed.pr3ston@embarqmail.com



Moon phases for April



Astronomical Events for April

This month most of the planet action is in the morning sky

All Month	Global Astronomy Month https://nightsky.jpl.nasa.gov/news-display.cfm?News_ID=716
4.8-9	Castor and Pollux near the Moon
Mid-Month	Jupiter, Venus, Mars and Saturn in the morning sky
4.10	Lunar "Straight Wall"
4.16	Full "Pink" Moon
4.22	Earth Day
	Lyrid Meteor Shower peaks pre-dawn
4.29	Mercury and the Pleiades low in west just after sunset
4.30	Venus kisses Jupiter pre-dawn

- **Look for Observing Information in emails from Merian Burkett**

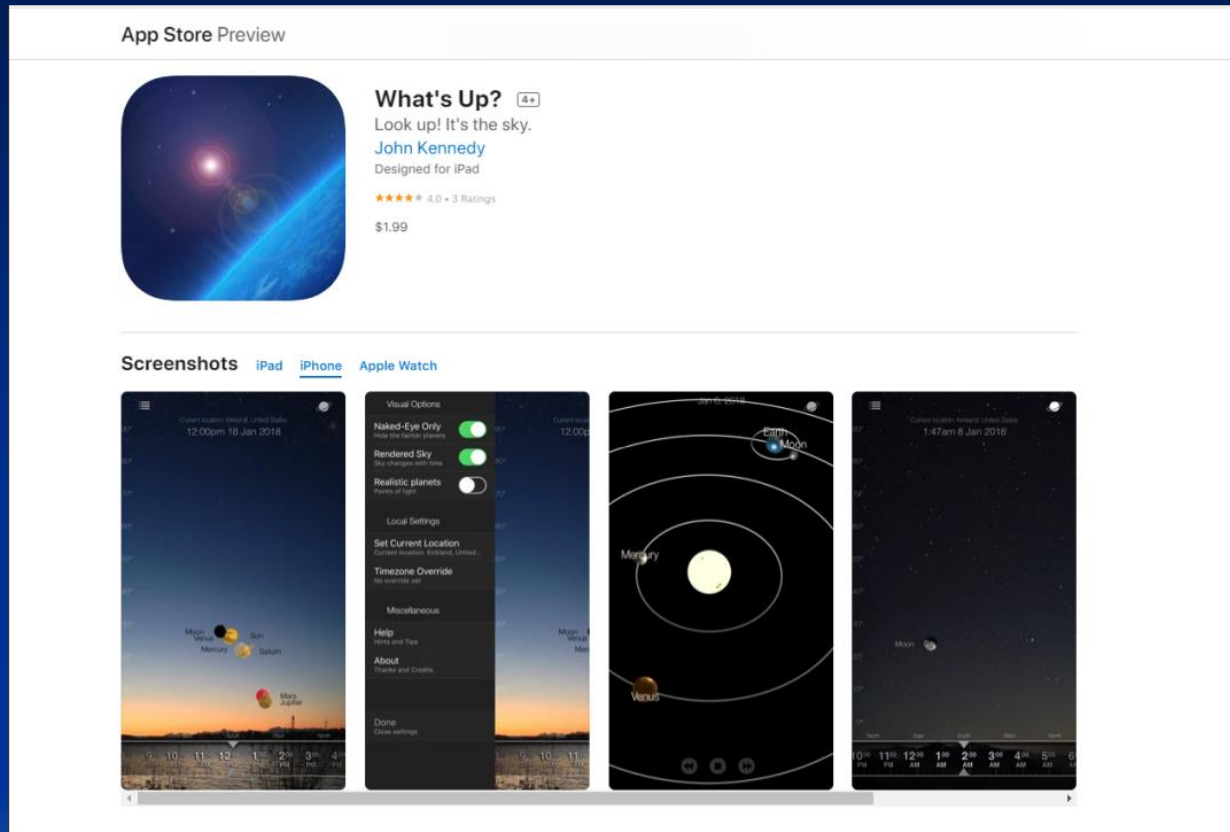


Club Outreach for April

- 4.1 First Fridays at Ivy Creek - Solar
 - 4.1 Wintergreen Star Party
 - 4.8 Possible Group Night at McCormick Observatory
 - 4.11 Future Astronomers Observing Session
 - 4.16 KidVention at TING Pavilion
 - 4.22 Earth Day – Big Meadows
 - 4.23 Cub Scout Aviation Day at Orange Airport
 - 4.25 Astronomy on Tap – Tentative – Champion (Stonefield)
 - 4.29 Heidi's Night
 - 4.29 Big Meadows
-
- Rich Drumm coordinates Big Meadows events
 - Larry Saunders coordinates McCormick events
 - Steve Layman coordinates all others



APP OF THE MONTH



<https://apps.apple.com/us/app/whats-up/id393023070?platform=iphone>

What's Up In April

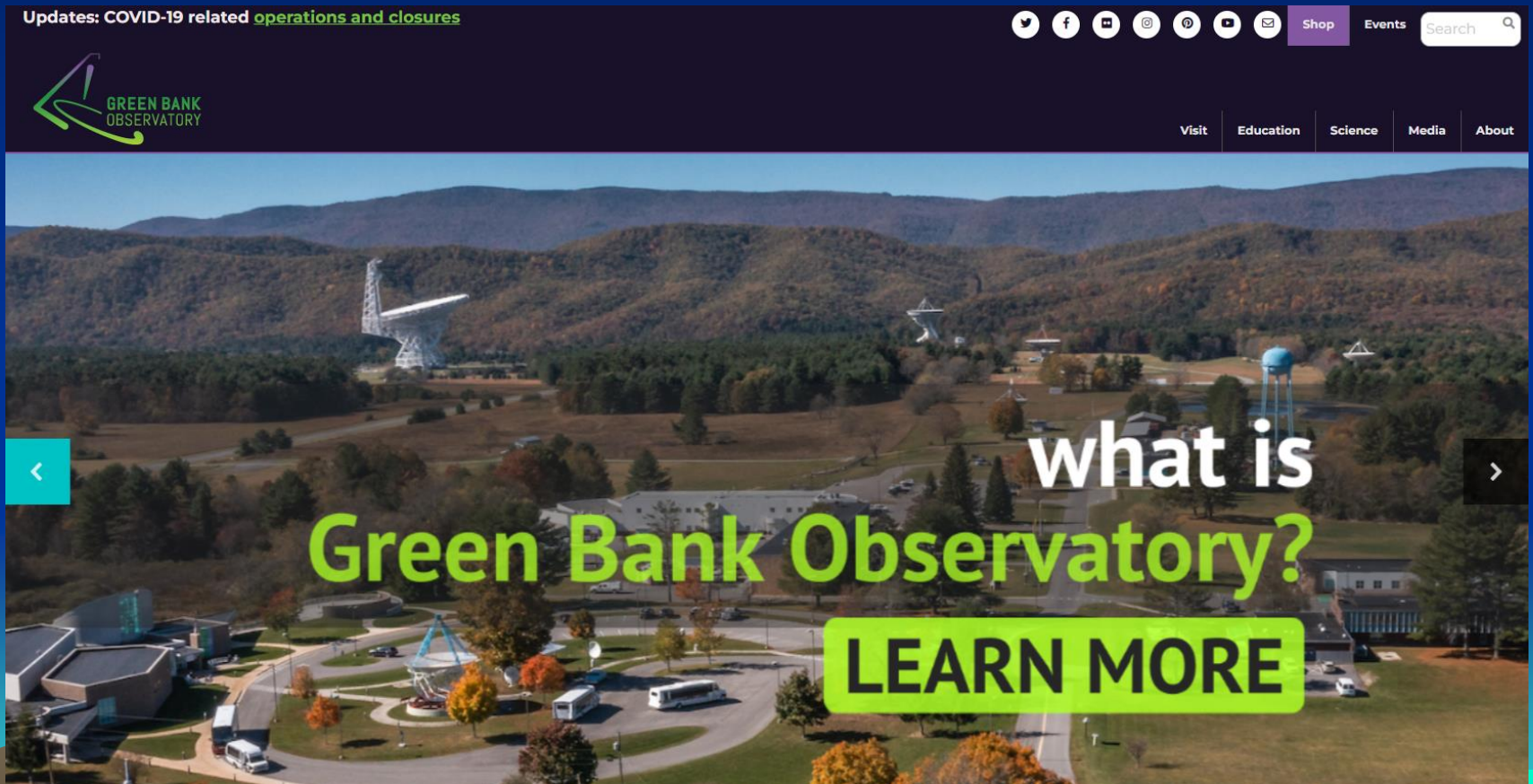
<https://www.youtube.com/watch?v=ZgsUS-3mzRk>



Website of the Month

Green Bank Observatory

<https://greenbankobservatory.org/>



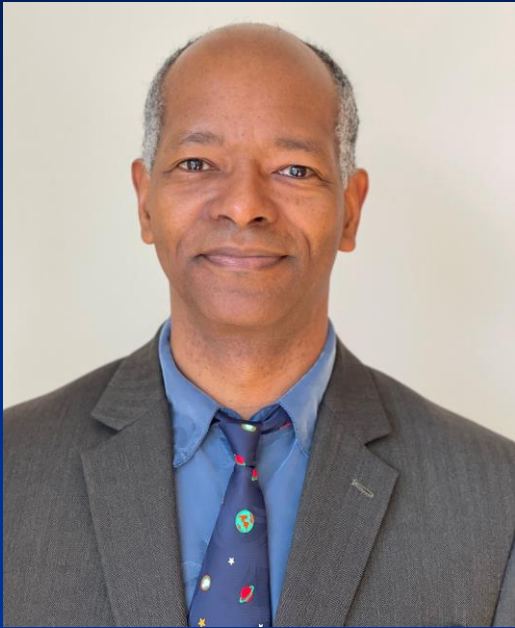
Upcoming Speakers

- **May**
- Building Blocks of the Universe – Dr. Chris Neu, UVA High Energy Physics
- **June**
- NASA Wallops – David Pierce, Director, NASA Wallops
- **July**
- TBA – Dr. Seth Shostak, SETI Institute, Big Picture Science
- **August**
- TBA – Colin Haig, Diffraction Limited/SBIG
- **September**
- OPEN
- **October**
- TBA – Casey Drier, Chief Advocate for the Planetary Society
- **November**
- OPEN
- **December**
- OPEN



Tonight's Speaker

**Dr. Aaron Evans, UVA &
NRAO Astronomy**



Galaxy Mergers in Radio Light

Next Meeting

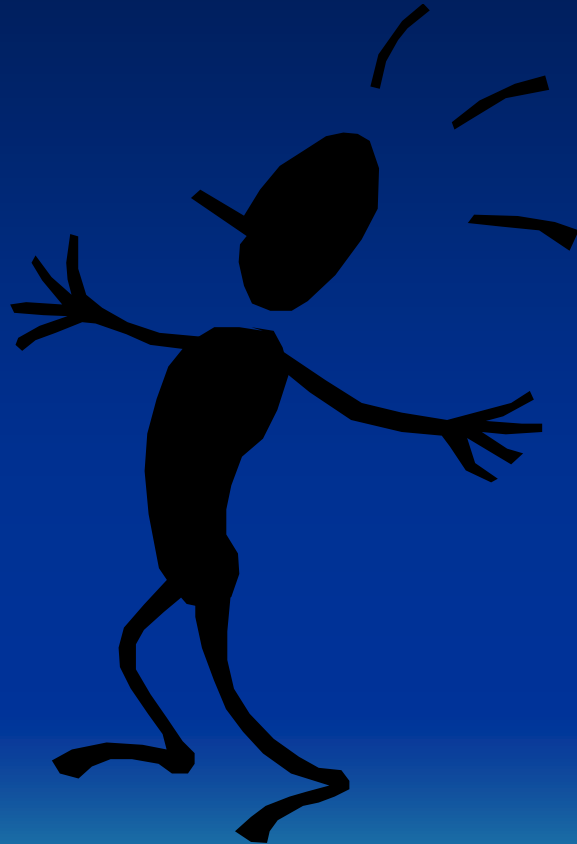
Wednesday, May 4, 2022

McCormick Observatory

Hybrid meeting planned



Door Prize Drawing



Tonight's Prizes:

Turn Left at Orion

Cambridge Star Atlas 3rd Edition