

# STARGAZERS

ASTRONOMY CLUB

April 6, 2020 / \$0.00





# Announcements



The shirt orders have been delayed due to closings. Exec currently plans to mail everyone their shirts, so please email us a good mailing address to send your shirt. Alternatively, you can let us know that you want to pick your shirt up in the Fall. Exec will tie-dye the shirts once we receive them.

We are now taking nominations for the 2020-2021 Exec Team. Nominations close April 8th at 5 p.m. Nominees will receive emails about their nomination. We will vote online during the week of April 20th.

No "meeting" on April 13th. Our final "meeting" for this semester will be April 27th, when we will announce the new exec team.



HI, I'M BUZZ ALDRIN, AND  
I'M THE SECOND MAN ON THE MOON



NEIL BEFORE ME

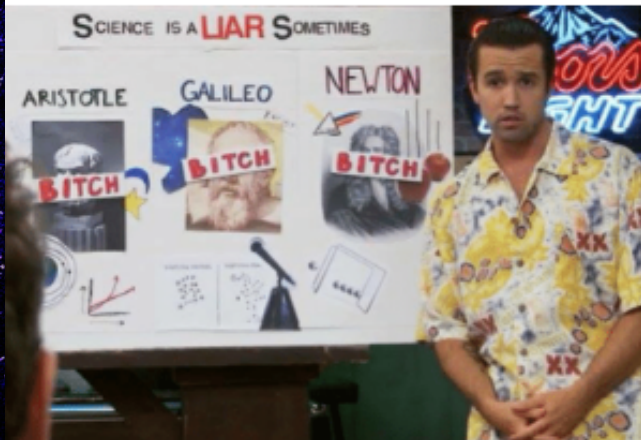


luciel ☆  
@YoRHa11s

u believe in stars? fool. those are the  
holes poked in the container so we  
can breathe

Someone: pLuto IsN't A pLANeT

Me :



THIS PANIC WITH THE TOILET PAPER ...

..... IS THE REASON  
WHY YOU PEOPLE  
CAN'T BE TOLD  
THE TRUTH  
ABOUT ALIENS!



When you invade Earth,  
but you have to spend  
two weeks in quarantine!



New theory: the Earth isn't flat, it's a LÖÖP



Science, Brother



# Astrolesson - Methuselah

Exoplanets have always been a curiosity in the universe. Giant rocks floating around their stars with the potential to sustain life under the right conditions. Sometimes they can even be a glimpse into the future of a planet much like our own.

Exoplanet PSR B1620-26 b, or Methuselah as it's been nicknamed, is the very oldest exoplanet ever discovered. It has existed for ~13 billion years. To put this into perspective, the universe is only a little older than 13.7 billion years.

It is found in the core of an ancient globular cluster that is mostly composed of stars that formed just after the big bang. Considering the speed at which this planet was formed, it's incredible to see that a planet could form right alongside the star that it would soon come to orbit and continue to sustain itself for so long.



# Sci-fi Movie Review

## STAR WARS EPISODE II: ATTACK OF THE CLONES (2003)



The Fast Facts: 10 years after the events of *The Phantom Menace*, a young Jedi Padawan named Anakin Skywalker and his Master Obi Wan Kenobi are dispatched to protect the Senator from Naboo. Upon an assassination attempt, Obi Wan is sent to track down the bounty hunter and Anakin is supposed to escort the Senator back to her home planet. Obi Wan tracks the hunter to Kamino, and discovers that a long dead Jedi has ordered a clone army be built to fight for the Republic. Knowing the Sith have returned, the Jedi follow Obi Wan to Geonosis, and battle in a great arena with the droid army. The Clones save them, Obi Wan and Anakin pursue and duel the Sith Count Dooku. They lose. Yoda saves them. Anakin and Padme get married. Clone Army.



Pros: VERY memeable, excellent lightsaber action, beautiful planets and landscapes, Master Yoda

Cons: Weakest plot of any SW movie, meh CGI sometimes, leaves a lot of unanswered questions

### Rating

3/5 Seismic Charges



# Astronews

## White Dwarf Binary

Astrophysicists at Harvard have detected a binary system consisting of two white dwarf stars for the first time through the use of gravitational wave detection.

While it is a certainty that there are many more, detection is nearly impossible due to their dimness and small size.

## The "Really Habitable Zone"

A team of researchers led by Marven F. Pedbost announced their definition of the "really habitable zone," or RHZ, as the zone around a star in which planets with "acceptable gins and tonic are likely to be abundant." Based on this definition, Earth is in the Sun's RHZ, but further research is needed to determine the RHZ of other stars.



SOCIAL MEDIA

# Interact with us from anywhere

Spontaneous Stargazing GroupMe  
Email us to be added! This is basically a group chat that is usually used to set up impromptu visits to the University Farm, but is now open for general space-related discussion.

Facebook Pages  
TSU Stargazers Astronomy Club  
Truman State Astrophotography

Twitter  
@TsuStargazers

Instagram  
@tsustargazers

Websites  
[observatory.truman.edu](http://observatory.truman.edu)  
[stargazers.truman.edu](http://stargazers.truman.edu)

Email  
[stargazers@truman.edu](mailto:stargazers@truman.edu)

*Space related content is appreciated*



