

Welcome to the November 30th, 2016 Edition of THE REVENGE HUMP DAY!

Last night we were lucky because we finally got a decent amount of rain. We have been in a very bad drought for the past 4 or 5 months and this has been the first time that we have a more than a gently shower. Also, we are suppose to be getting more rain over the next three days and I can't wait for it. But what God gives, God takes away. The poor people in the Gatlinburg, TN, area had to evacuate their town last night because of the wildfires in the hills surrounding it. Thankfully no one killed and only a few were hurt, but Ober Gatlinburg, the skiing area above the city of Gatlinburg has been said to have been destroyed and the fires have spread as far as Pigeon Forge, TN. Our prayers are with the citizens of Gatlinburg and Pigeon Forge and I hope and pray that they get some rain in the next few days.

Here is an article about how bad it is up in Gatlinburg. Take a few minutes to read it and say a prayer for those effected.

<http://www.foxnews.com/us/2016/11/29/wildfires-threatening-dozens-homes-dollywood-resort-in-tennessee.html>

Next Saturday I am looking forward to seeing a bunch of you at our Annual Christmas Party. LibertyCon started the event decades ago but we opened it up to all of the fans of the Chattanooga Area in order to get everybody to get to know each other and to celebrate the holidays together. We are expecting 60 or 70 people this year and I think we will have a great time. For those of you out there who haven't made plans yet, I urge you seriously to think about joining your friends at our annual Christmas Party.

So on that "Happy Note", why don't y'all sit back and relax because here's the best in gossip, jokes and science for your reading pleasure!

Uncle Timmy

<G>~<O>~<S>~<S>~<I>~<P>~<S>~<T>~<A>~<R>~<T>~<S>~<H>~<E>~<R>~<E>~<I>

ANNUAL CHATTANOOGA FANNISH CHRISTMAS PARTY, DECEMBER 3RD AT THE CHATTANOOGA CHOO CHOO

From: "Vonn Gants" consuite@libertycon.org

ANNUAL CHATTANOOGA FANNISH CHRISTMAS PARTY

DECEMBER 3RD – 6:00 PM

CHATTANOOGA CHOO CHOO – PENNSYLVANIA STATION

Greetings and Happy Autumn everyone! We hope you are all enjoying the cooler weather, finally, and the beautiful colors.

Oh, how time flies. Halloween has come and gone and we are gearing up for a great holiday season. One special night will find fans gathering together once again to rejoice, remember, and create new memories. The Chattanooga Fan Combined Christmas Party will be held on Saturday, December 3rd, 2016, at the Chattanooga Choo Choo in the Pennsylvania Station.

As in past years, the festivities will begin with a potluck dinner, including turkey and ham, go on to hold a holiday charity auction, and end with lots of revelry.

PENNSYLVANIA STATION

The party will be held in the Pennsylvania Station, the same place LibertyCon has its Consuite and will start around 6:00 pm. The festivities are scheduled to run until the wee hours of the morning.

THE POTLUCK DINNER FEAST

LibertyCon will supply the Turkey and Ham, but the rest of the goodies come from the attendees to the event. All of you 'cookingly' challenged can think about bringing bread, soft drinks and other accoutrements for the potluck dinner. All the rest of you can bring your best dishes to show off a little. ;^) SHE WHO MUST BE OBEYED will be bringing her world famous green bean casserole.

Vonn Gants will be managing the list of tastations for the feast. Please send her an email with what you would like to bring as well as a list of what others will be bringing. She can be contacted at consuite@libertycon.org

THE AUCTION

The Charity Auction is filled with items provided by the attendees of the Christmas Party. If you've got something that you would like to donate then please bring it and add it to the pile of goodies that everyone is going to bid on. This is a great event to clear out some items to make space for new items as well as procure items for yourself as well as Christmas gifts for others.

HOTEL DETAILS

If you intend to spend the night at the Chattanooga Choo Choo, they have special room rates for this event:

Call 423-266-5000

Ask for the LibertyCon Christmas Party

Room Rates for Saturday Dec 3 will be \$91.00 +tax

Don't forget, if you will be attending then please let Vonn know what you are bringing. Again, her email is consuite@libertycon.org

So take care and we'll see you there!

I HOPE TO SEE A BUNCH OF Y'ALL NEXT SATURDAY AT THE CHOO CHOO!
MERRY CHRISTMAS TO ALL OF YOU OUT THERE.

<L>~<I>~~<E>~<R>~<T>~<Y>~<C>~<O>~<N>

MY FIRST CHRISTMAS MUSIC VIDEO

From: "Jim Woosley" Jimwoosley@aol.com

[OFFICIAL VIDEO] God Rest Ye Merry Gentlemen - Pentatonix

<https://www.youtube.com/watch?v=ku7ohU1IGIs>

<L>~<I>~~<E>~<R>~<T>~<Y>

THE HARLAN ELLISON SHOW

I'm not a big fan of Ellison (I acknowledge his craft, but his stories are rarely my cup of tea, closer to my cup of strychnine; I best remember his old movie review column in F&SF when I was in college), but you may find this worth your time.

THE HARLAN ELLISON SHOW

Column: One fan's mission to preserve the legacy of a science fiction master

BY: Matthew Continetti, November 25, 2016 5:00 am

<http://freebeacon.com/columns/harlan-ellison-show/>

In the early 1960s, when Neil Gaiman was eight years old, he read a story called "The City on the Edge of Forever" in the collection Star Trek 2. The piece was an adaptation of a Star Trek teleplay that had been written by one Harlan Ellison. Two years later, Gaiman read a story called "I Have No Mouth, and I Must Scream" in the anthology World's Best SF Third Series. This hallucinatory, post-apocalyptic tale of four humans trapped inside a sentient and psychotic computer had such a terrifying effect on Gaiman that he looked up its author. Ellison had written it too.

"I grew up on Ellison," Gaiman wrote in the introduction to Harlan 101 (2013). "I learned so much from reading his stories, so much from reading his essays. Sometimes, I'd disagree with him, but I'd have to think about why I was disagreeing with him, and I suspected that Harlan would be happy, as long as I was thinking."



Harlan Ellison / Photo by Barbara Alper via Getty Images

Who is Harlan Ellison? Novelist, essayist, short-story writer, television critic, anthologist, screenwriter, lecturer, activist, gadfly, he is the author of dozens upon dozens of books, and the winner of numerous awards. You can read a partial list [here](#). Praised by Isaac Asimov (“He is never anywhere without you knowing he is there”), Michael Crichton (“He is a genuine original, one of a kind, difficult to categorize and unwilling to make it any easier”), and Stephen King (“The man is a ferociously talented writer”), Ellison’s career has been marked by disputation, controversy, and braggadocio. He can be frustrating, off-putting. But he is also inspiring.

<SNIP>

<L>~<I>~~<E>~<R>~<T>~<Y>~<C>~<O>~<N>

Re: loc on Revenge of Hump Day Nov 16

From: "John Purcell" askance73@gmail.com

Whew! This is a lot of material to slog through, Tim, but it's an interesting ramble through your mind. I shall consider myself lucky I found my way out.

Yeah, I have to agree with you about the idiotic results of this year's presidential de-selection. It was a mess. Oh, heck, it still IS a mess! Green Party candidate Dr. Jill Stein called for donations to fund a voter recount in Wisconsin, and has so far ended up with enough money to fund recounts in Michigan and Pennsylvania as well. It is beginning to look like the nightmare will never end. Meanwhile the rest of world is wondering what the heck is going on here. My favorite international headline came from an English newspaper - the Guardian, I think - that read "America: what the hell are you thinking?" Yes. Very true. I have been asking myself this same question since that fateful night. I always come back to this line of reasoning: in my lifetime America has survived a presidential assassination; a massively divisive, unwanted war (Vietnam); Nixon's resignation and its fallout; eight years of Reagan, two Bush presidencies, a president who couldn't keep his pants on, two Gulf Wars (over oil, not terrorism - that was their cover story), and essentially an entire generation of dysfunctional government. America is a flexible country - at least I think so - and we'll get through the idiocy of the next two to four years. After all, the more things change...

Hey, that's a fantastic amount LibertyCon raised for a wonderful cause! Good to see. The local convention here, AggieCon, has as their designated charity Scotty's House, which is a home for abused children and their families. Very nice, indeed.

As for the rest of this issue, I have no real comments to make on the assorted goodies herein, but some of the images and jokes did result in a chuckle here and there. In the meantime, feel free to read, enjoy, and loc my fanzine 'Askance', which is likewise housed at efanzines.com. Hope to hear from you soon.

All the best,

John Purcell
3744 Marielene Circle
College Station, TX 77845 USA

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Re: School Bus Tragedy in Chattanooga

From: "Ray Jones" ray.jones619@comcast.net

I'm hurting for the families in Chattanooga that lost children. I just heard on the news a few minutes ago that the driver should never have been driving because of his record if the school board had done its job. We had 2 school bus wrecks in Nashville and the Murfreesboro area last Friday. Another driver from another county (Chester County) also should not have been driving. Even though no one was killed in one accident (again 23 hurt) several children suffered major injuries. It will take a long time to recover from their injuries. In the other accident that was not the fault of the bus driver, the driver of the truck that ran into the back of the

bus was killed. Serves him right. Thankfully no children were injured. Personally, I think the state legislature should do something to protect the children and not say what they have the last few years that they won't do anything because it is too costly.

<L>~<I>~~<E>~<R>~<T>~<Y>~<C>~<O>~<N>

Re: School Bus Tragedy in Chattanooga

From: "Mike Rogers" mleerog@epbfi.com

We know we are getting old when the grandkids head to high school. We can demand a recount, but it won't do any good.

It seems pretty clear that the school bus driver had no business behind the wheel of that vehicle. Nuff said.

Hope the family is doing well.

MIKE, THE FAMILY IS DOING WELL AND WE ARE ALL PRAYING FOR THE POOR FAMILY WHO LOST CHILDREN IN THAT TRAFFIC ACCIDENT. UT

<SOMETHING><*><DIFFERENT><*><FROM><*><A><*><READER>

article submission, `Poddy Fries` Try Pod`s`

Hi, here`s an article submission, `Poddy Fries` Try Pod`s` for ROHD to consider for publication.

Robin Bright - Skype ID robinbright7 Tel: 0036705182849

PODDY FRIES` TRY POD

An early English novel of science fiction was *The War Of The Worlds* (1897), written by H. G. Wells, and the plot has been made into a screenplay on several occasions since then by Hollywood USA`s movie makers. Since the first film was made in the district of Hollywood, city of Los Angeles, in the west coast state of California, Old California (1910), directed by D. W. Griffith, the science fiction genre has been a rich source of material for movie makers. Robert A. Heinlein (1907-88) was a writer of juvenile science fiction between 1948 and 1959, when he produced a dozen novels for boys, and noticeably a novel for girls, *Podkayne Of Mars* (1963), about a female character, `the Poddy beautiful`, whose name, `Pod`, carries associations for Wellsians. In *The War Of The Worlds* the Earth is invaded by Martian war machines called `tripods`, so Heinlein`s novel whimsically invites the reader to `try Pod`, who is a resident of the planet Mars, which is associated with the god of war in Roman mythology.

Consequently, Wells and Earth's scientists could be said to have conspired in naming Mars, the god of war, and conceiving the Martian war machine 'tripods', to promote interplanetary war where none had been supposed previously to be possible. Heinlein's previous novel, *Starship Troopers* (1959), made into a 1997 Hollywood movie, was similarly warmongering: 'The historians can't seem to settle whether to call this one 'The Third Space War' (or the 'Fourth'), or whether 'The First Interstellar War' fits it better. We just call it 'The Bug War' if we call it anything, which we usually don't and in any case the historians date the beginning of 'war' after the time I joined my first outfit and ship. Everything up to then and still later were 'incidents,' 'patrols,' or 'police actions.' However, you are just as dead if you buy the farm in an 'incident' as you are if you buy it in a declared war.' Juan Rico is a 'trooper' in Heinlein's novel, which begins with the arachnoid 'bugs' of the planet, Klendathu, destroying the city of Buenos Aires in the South American country of Argentina where Rico'd lived, and which precipitates an interstellar war between planets similar to that of Wells' Earth invaded by Martians. Condemned by critics as 'fascistoid', *Starship Troopers* remained unpublished by Heinlein's usual publisher Scribner's and finally saw print at Putnam's. *Podkayne Of Mars* represented a rethink on the part of the author with terrorism and kidnapping as a central theme, rather than war with alien intelligence, which for a reasoning reader represented war against intelligence.

In the movie *Starship Troopers*, the starring actress, Denise Richards, is Carmen Ibanez, member of a cadre of women pilots called 'mothers' who drop their boy sons onto Klendathu where they fight the arachnoid aliens as an extrapolation of Earth's multifarious conflicts throughout the ages in which invasion is what countries would seem to the casually observing extraterrestrial intelligence to have been devised for. Although a 'Martian', Poddy has a different ambition to Carmen Ibanez: 'Poddy Fries, free citizen of Mars, female. Future pilot and someday commander of deep-space exploration parties. Watch for me in the news.'¹ If readers aren't happy with interstellar warmongering, Heinlein's alternative is 'try Pod', who has a brother, Clarke, as Heinlein himself had a 'brother' in fellow science fiction writer, Arthur C. Clarke, who wrote the short story, 'The Sentinel',³ that was made into the science fiction film directed and written by Stanley Kubrick, *2001: A Space Odyssey* (1968) in which extraterrestrial intelligences are depicted as having made a colonists' path to the planets amongst the stars through the strategic use and placement of 'monoliths' with the capacity to employ brain enhancement to stimulate human development.

The first section of the Kubrick film, *2001: A Space Odyssey*, depicts a 'monolith' on Earth enhancing hominids through its power to influence minds, and in the second sequence a monolith is discovered on the moon. In Clarke's novel, *2010: Odyssey Two* (1982) apotheosis is the recreating of the planet, Jupiter, as a second sun within the solar system to bring life to its outer worlds and moons. The core of Jupiter is discovered to be a huge diamond that, exposed to solar radiation, would absorb and reflect light as a second star within the system. In Heinlein's novel

about Poddy, Clarke is depicted as detonating a small nuclear device in order to kill the kidnapers of himself and Poddy who've been held to ransom in order to influence their politically significant uncle. In the first version of the novel, Poddy is killed in the atomic blast, that is, she 'fries', like the people caught in the heat rays of Wells' Martian war machines in *The War Of The Worlds*, but Heinlein restored her in a rewrite; after readers protested. The unleashing of the power of the sun in atomic war is the fear expressed. Heinlein and Clarke were two of the big three science fiction authors of their era. The other was Isaac Asimov, whose short story, 'Hellfire', about a slow motion film of an atom bomb exploding, expressed his own fear: 'The oval fireball had sprouted projections, then paused a moment in stasis, before expanding rapidly into a bright and featureless sphere. That moment of stasis - the fireball had shown dark spots for eyes, with dark lines for thin, flaring eyebrows, a hairline coming down v-shaped, a mouth twisted upward, laughing wildly in the hell-fire-and horns.'⁴ Although Heinlein's theme of invasion by Earth followed by devastating interstellar war is diluted in *Podkayne Of Mars*, it's only so far as to examine the conflict components of terror and ransom demands. The essence of war is slavery, that is, the defeated are slaved, which is what Carmen Ibanez's boy sons' 'drops' represent for her, and the host wombs of the other human 'mothers' amongst Heinlein's cadre of female pilots in *Starship Troopers*. In short, Heinlein's readers wish for Poddy Fries to be reinstated after the atomic blast that had fried her represents the social awareness of the period that terror and war exist to conceal women's host womb enslavement by the war machinery of men's desire to 'invade' their 'space'.

In ancient Greece homosexuality in pederasty for war was institutionalized. Science fiction publishers' censorship of, and resistance to, frank treatments of sex, in favor of what it calls 'hard science', is well established. Appeals to taboo, and 'guardianship of public morals', support science fiction's self-censorship, and the restoration of conflict resolved by hard science, like atomic weapons, as its sole subject matter. The rationale for banning sex from science fiction as a major source of edutainment is adultery, that is, the depiction of sexual activity will encourage it. Heterosexuality humors this as the logical preoccupation of lesser mortals who oughtn't to be encouraged, because their inadequacies are writ large on the 'big screen' of the cinema industry in films about sexual inadequacy resulting in the psychopathic killing of women by men, for example, *Psycho* (1960), in which actor Anthony Perkins as Norman Bates kills a woman at his Bates' Motel, that is, actress Janet Leigh in the role of Marion Crane, because he'd become 'mentally unhinged' after killing his mother, and her lover, several years before. Director Alfred Hitchcock's reasoning seems to have been that the psychopathic Bates is the product of 'adultery', which is why he kills. Consequently, a killer of women in a film like *Spiral* (2007), in which actor Joel David Moore as Mason, a painter, kills actress Amber Tamblyn in her role as Amber, is depicted as a psychopath, rather than an adulterer, although men who kill women are adulterers.

In biblical terms it's arguably impossible for women to commit adultery at all. The history and law of the Jewish 'chosen people', which is the Torah and Talmud of

the Old Testament of the Bible, begins with Eve, the first woman, and Adam, the first man, created by God in the paradise of heaven on Earth that is Eden and where God had placed the angel, Satan, transformed into a serpent after he rejected God's plan that the human host should be greater than the angelic. Satan gave Eve and Adam the 'fruit of the tree of the knowledge of good and evil', which it was death to taste, in order to enslave the human species in memoryless ephemerality thereafter. God told Eve the 'enmity' of her 'seed' with the 'serpent's seed' would end with Redemption: 'You shall crush the head of the serpent with your foot, but he will bruise your heel.' (Gen: 3. 15) In Christian iconography the 'redeemer' Jesus' mother, the Virgin Mary, is depicted crushing the head of the serpent, Satan, with her foot, because Jesus was born uncontaminated by male semen, that is, he was 'woman's seed' known as futanarian, which is women capable of sexually reproducing with women from their own penis' semen. In short, men's semen is the adulterating 'serpent's seed', which has effectively murdered, through decapitation, women's human futanarian race. By refusing to allow her to produce brainpower through her own species of women's capacity to sexually reproduce, men's semen has removed her brains and damned her. In other words, adultery is decapitation, but women aren't adulterers.

Although a very early 8th century instance of science fiction, 1001 Nights has, as its 'framing device', the narratives of Scheherazade, who is called upon after Shah Jehan beheads his wife for unfounded unfaithfulness with his brother. Scheherazade tells Shah Jehan a story each night, because it has become his habit to marry afresh each day, and behead his new wife each night. Scheherazade's stories cause Shah Jehan to marry her so he can continue listening to her stories - and the women are saved - because they're no longer decapitated by the adulterer. In short, the psychopathic killing of women is adultery, whereas what women need is futanarian sexual relationships as a basic component of mass media edutainment to encourage women's reproduction of futanarian humanity's brainpower. Or, in simpler terms, men kill women, because that's what brains adulterated with the semen of the 'serpent's seed' do. To put it another way, 'woman's seed' is human, that is, women's futanarian humanity, whereas unredeemed men's male braining for brain damned war against 'woman's seed' is evil and psychopathic, because definable biblically as 'adultery'.

In the Revelation of Jesus' disciple, John, which is a part of the New Testament of Jesus' teaching that Christianity believes supersedes the Old Testament, Satan is depicted as a 'red dragon' grown since its days in Eden and now waging war against 'woman's seed' upon the Earth: 'The dragon was wroth with the woman and went to make war upon the remnant of her seed.' (Rev: 12. 17) In parasitology, the parasite that emerges to kill the host is termed 'parasitoid', which is what men are. In movies like Invasion Of The Body Snatchers (1956) in which creatures emerge from 'pods' to take over the Earth, or Pod (2015) in which they try again, the concept of women's host wombs slavery to her parasitoid devourer looms large. Consequently, Heinlein's Podkayne Of Mars is a necessary corrective to the 'Pod' theme in which the murderer, bearing the 'mark of Cain', emerges from the 'pod' to

kill the human host and take over the Earth. Cain was the first murderer, according to the Bible, who killed his brother, Abel, because Abel was more able and could cook, which was more pleasing to God. Heinlein's Podkayne Of Mars comments on the role of Poddy's brother as 'Cain', that is, he emerges from his mother's host womb to kill his sister, which is what parasitoid men's nature does.

In 2000 Britney Spears' video director, Nigel Dick, for the song 'Oops! ... I Did It Again' opted for a science fiction theme based on Heinlein's Podkayne Of Mars. In the opening sequence 'Mars lander', a spaceman appears wearing a spacesuit similar to that worn by Neil Armstrong of Apollo 11 when he became the first man to land on the moon on July 21, 1969, UTC: 2. 56. In a red pilot's suit, Britney puts a hook into his backpack and winches him up to where he can look down upon her 'twin' in a white bikini dress with the camera eye attached to his spacehelmet. The scene echoes the 'riddle' of the Sphinx from the Greek dramatist Sophocles' Oedipus Rex (c. 429 B.C.): 'What goes on four legs in the morning, two in the afternoon and three in the evening?'⁵ The answer is, 'Man,' because it's a baby, then an adult, and finally Cain, a monster with an old rifle by its side to help it go further. The video's answer is 'tripod', because human futanarian nature is threefold. Indeed, in her red pilot's suit Britney somersaults through the air to stand in front of her spaceman transformed a third time, so that she's wearing a white blouse with black skirt and boots. Poddy will try to redeem, but it's difficult if the science fiction genre won't allow her to be sexually explicit: 'Oops! You think I'm in love. That I'm sent from above. I'm not that innocent.'⁶ The spaceman suspended by the hook is, figuratively, the audience attracted by the music, 'Yeah yeah yeah yeah yeah yeah ...' He's the tripod's camera. H. G. Wells' late 19th century narrative of Martian war machine tripods invading the Earth extrapolates from what men's parasitoid nature does. Consequently, the single eye of the spaceman's convex mirrored faceplate corresponds to that of the Martian tripods' devastating heat ray, which resembles a single eye in the 1953 Hollywood movie version, The War Of The Worlds, for example, because that's what the ogre borne by women does.

Women, of course, walk on only two legs, whereas saurians balance on their tails, for example, Tyrannosaurus Rex, the meat eating dinosaur. If the angel, Satan, was a saurian ancestor of the 'serpent's seed' intelligently evolved during the Mesozoic period of Earth's prehistory 248 m.a., and before hominid evolution began during the Jurassic period 220 m.a., the angels of God are saurians still remaining on the planets amongst the stars of heaven, whereas Satan and the 'rebel' angels represent fallen intelligence desirous of enslaving a species from its host womb in order to emerge as its parasitoid to devour it. Or, in other words, the answer to the Sphinx's riddle, '... what walks on three legs in the evening,' is Satan. Oedipus' story is of a man who marries his mother, and then blinds himself for committing the societal taboo of incest. However, incest is a taboo imposed by men to prevent women from perceiving that their species is single and doesn't wed to be a ring slave. In short, daughters aren't able to recognize, through their mothers, sexual possibility, because that's incestuous thinking. Consequently, Oedipus, who kills

his father, Laius, unknowingly, and marries his mother, Jocasta, unwittingly, is blind always, because it's how men hide their parasitoid activities.

When Jesus was taken to the hill of Calvary outside the city of Jerusalem and nailed to a cross of wood as a `dissident`, he died before experiencing Resurrection and Ascension to heaven, that is, he prefigures the futanarian future of `woman`s seed`. Jesus` explanation isn`t taught by Christianity as meaning that women are a separate species and that men`s Redemption is bound up with their acceptance of being born as colonists on the planets amongst the stars from futanarian humanity`s `woman`s seed`: `At the resurrection people will neither marry nor be given in marriage; they will be like the angels in heaven.` (Matt: 22. 30) This means that Christians accept men and women as `beasts`: `The number of a man is the number of the beast and his number is six hundred three score and six.` (Rev: 13. 8) 66.6% is the number of the people on Earth, without the 33.3% `remnant` of `woman`s seed` to populate the planets amongst the stars as colonists. Because men can`t sexually reproduce with each other, whereas women can, that`s the species` destiny, which is denied by those who subjugate women`s brainpower from her own `seed`.

Although the television broadcasting of `TV` pictures into people`s homes wasn`t invented until 1926 by John Logie Baird, the ancients had been manufacturing men and women as a single male brained creature wearing each others` clothes in TV transvestism for the parasitoid to devour as war`s entertainment almost as soon as Eve and Adam were expelled from Eden by God for accepting their role: `The second beast was given power to give breath to the image of the first beast, so that the image could speak and cause all who refused to worship the image to be killed.` (Rev: 13. 15) Without repentance and conversion from their sinful `TV` natures, men and women will remain irredeemably addicted to watching and producing images of themselves to worship as parasitoid Satanist devourers of their daughters, and their daughters` daughters, who`re the unborn child of the Earth: `The dragon stood in front of the woman who was about to give birth, so that it might devour her child the moment he was born.` (Rev: 12. 4) The child is maled, because women`s futanarian `woman`s seed` has both the male and the female reproductive organs: `... a male child, who will rule all the nations with an iron scepter.` (Rev: 12. 4) Although Jesus Christ is associated with this figure in the prophetic Revelation of his disciple, John, Jesus is `woman`s seed`, so his `Second Coming` as a human futanarian is at least symbolically prefigured in the New Testament and his own teaching: `Love your neighbor as you love yourself.` (Mk: 12. 31) Oedipus` daughter, Antigone, agrees to lead her father Oedipus` footsteps after his self-blinding, that is, her capacity to love her `woman`s seed` neighbor is obviated by his damned psychopathic brain, which plots her species` doom even in extremis, because that`s what its parasitoid evil nature is for. What Heinlein was trying to say with the character of Poddy Fries in Podkayne Of Mars is that `the Poddy beautiful` is for eyes, but men don`t want to see her alone.

1 Heinlein, Robert A. Starship Troopers, 1959, Putnam`s, Ch. 10, p. 131.

2 Heinlein, Robert A. Podkayne Of Mars, Putnam`s, 1963, Ch. 1, p. 3.

3 Clarke, Arthur C. `Sentinel Of Eternity`, Ten Story Fantasy, # 1, Avon Periodicals, New York, Spring 1951.

4 Asimov, Isaac `Hellfire`, Fantastic Universe, King-Size Publications, May 1956.

5 Apollodorus, Library of Apollod, 3. 5. 8.

6 Martin, Max, and Rami `Oops! ... I Did It Again`, Britney Spears Oops! ... I Did It Again, Jive, 2000.

<T>~<H>~<E>~<J>~<O>~<K>~<E>~<S>~<S>~<T>~<A>~<R>~<T>~<H>~<E>~<R>~<E>

TACKY ALERT: THE FOLLOWING IS POLITICALLY TACKY BUT FUNNY AS HELL. ENJOY!

From: "Jerry Tollett" haleja@epbfi.com

Now this is GOOD! But you must watch both videos in the correct order!

This is an ad for John Lewis dept stores in UK. Watch it first.

#1 <https://biggeekdad.com/2016/11/buster-the-boxer/>

Then watch this one.

#2 <https://biggeekdad.com/2016/11/buster-boxer-paroday/>

<J>~<O>~<K>~<E>~<S>~<of>~<the>~<W>~<E>~<E>~<K>

From: "Mike Waldrip" waldripk@gmail.com

I HAD IT ALL

I talked to a homeless man this morning and asked him how he ended up this way.

He said, "Up until last week, I still had it all. I had plenty to eat, my clothes were washed and pressed, I had a roof over my head, I had TV and Internet, and I went to the gym, the pool, and the library. I was working on my MBA on-line. I had no bills and no debt. I even had full medical and dental coverage."

I felt sorry for him, so I asked, "What happened? Drugs? Alcohol? Divorce?"

"Oh no, nothing like that," he said. "No, no. I just got out of prison."

<J>~<O>~<K>~<E>~<S>

I am a Seenager.

I have everything that I wanted as a teenager, only 60 years later...

I don't have to go to school or work.

I get an allowance every month.

I have my own pad.

I don't have a curfew.

I have a driver's license and my own car.

The people I hang around with are not scared of getting pregnant.

And I don't have acne.

Life is great.

I didn't make it to the gym today. That makes five years in a row.

I decided to stop calling the bathroom the "John" and renamed it the "Jim".

I feel so much better saying I went to the Jim this morning.

Old age is coming at a really bad time. When I was a child I thought "Nap Time" was a punishment. Now, as a grownup, it feels like a small vacation.

The biggest lie I tell myself is..."I don't need to write that down, I'll remember it."

I don't have grey hair; I have "wisdom highlights."

<J>~<O>~<K>~<E>~<S>

FOR THOSE WHO LOVE THE PHILOSOPHY OF AMBIGUITY, AS WELL AS THE IDIOSYNCRASIES OF ENGLISH:

- 1. ONE TEQUILA, TWO TEQUILA, THREE TEQUILA, FLOOR.**
- 2. ATHEISM IS A NON-PROPHET ORGANIZATION.**
- 3. IF MAN EVOLVED FROM MONKEYS AND APES, WHY DO WE STILL HAVE MONKEYS AND APES?**
- 4. THE MAIN REASON THAT SANTA IS SO JOLLY IS BECAUSE HE KNOWS WHERE ALL THE BAD GIRLS LIVE.**

5. I WENT TO A BOOKSTORE AND ASKED THE SALESWOMAN, "WHERE'S THE SELF- HELP SECTION?" SHE SAID IF SHE TOLD ME, IT WOULD DEFEAT THE PURPOSE.
6. WHAT IF THERE WERE NO HYPOTHETICAL QUESTIONS?
7. IF A DEAF CHILD SIGNS SWEAR WORDS, DOES HIS MOTHER WASH HIS HANDS WITH SOAP?
8. IF SOMEONE WITH MULTIPLE PERSONALITIES THREATENS TO KILL HIMSELF, IS IT CONSIDERED A HOSTAGE SITUATION?
9. IS THERE ANOTHER WORD FOR SYNONYM?
10. WHERE DO FOREST RANGERS GO TO "GET AWAY FROM IT ALL?"
11. WHAT DO YOU DO WHEN YOU SEE AN ENDANGERED ANIMAL EATING AN ENDANGERED PLANT?
12. IF A PARSLEY FARMER IS SUED, CAN THEY GARNISH HIS WAGES?
13. WOULD A FLY WITHOUT WINGS BE CALLED A WALK?
14. WHY DO THEY LOCK GAS STATION BATHROOMS? ARE THEY AFRAID SOMEONE WILL BREAK-IN AND CLEAN THEM?
15. IF A TURTLE DOESN'T HAVE A SHELL, IS HE HOMELESS OR NAKED?
16. CAN VEGETARIANS EAT ANIMAL CRACKERS?
17. IF THE POLICE ARREST A MUTE, DO THEY TELL HIM HE HAS THE RIGHT TO REMAIN SILENT?
18. WHY DO THEY PUT BRAILLE ON THE DRIVE-THROUGH BANK MACHINES?
19. HOW DO THEY GET DEER TO CROSS THE ROAD ONLY AT THOSE YELLOW ROAD SIGNS?
20. WHAT WAS THE BEST THING BEFORE SLICED BREAD?
21. ONE NICE THING ABOUT EGOTISTS: THEY DON'T TALK ABOUT OTHER PEOPLE.
22. DOES THE LITTLE MERMAID WEAR AN ALGEBRA?
23. DO INFANTS ENJOY INFANCY AS MUCH AS ADULTS ENJOY ADULTERY?
24. HOW IS IT POSSIBLE TO HAVE A CIVIL WAR?
25. IF ONE SYNCHRONIZED SWIMMER DROWNS, DO THE REST DROWN TOO?
26. IF YOU ATE BOTH PASTA AND ANTIPASTO, WOULD YOU STILL BE HUNGRY?

27. IF YOU TRY TO FAIL, AND SUCCEED, WHICH HAVE YOU DONE?

28. WHOSE CRUEL IDEA WAS IT FOR THE WORD 'LISP' TO HAVE 'S' IN IT?

29. WHY ARE HEMORRHOIDS CALLED "HEMORRHOIDS" INSTEAD OF "ASSTEROIDS"?

30. WHY IS IT CALLED TOURIST SEASON IF WE CAN'T SHOOT AT THEM?

31. WHY IS THERE AN EXPIRATION DATE ON SOUR CREAM?

32. IF YOU SPIN AN ORIENTAL MAN IN A CIRCLE THREE TIMES, DOES HE BECOME DISORIENTED?

33. CAN AN ATHEIST GET INSURANCE AGAINST ACTS OF GOD?

<J>~<O>~<K>~<E>~<S>~<of>~<the>~<W>~<E>~<E>~<K>

From: "Jim Woosley" Jimwoosley@aol.com

The value of contributing during brain storming sessions



<YOU>~<>~<JUST>~<>~<CAN'T>~<>~<MAKE>~<>~<THIS>~<>~<STUFF>~<>~<UP!>

YOU JUST CAN'T MAKE THIS STUFF UP!

From: "Tim Bolgeo" tbolgeo@epbfi.com

PENTAGON TO END GUN-FREE ZONES ON MILITARY BASES

by AWR HAWKINS, The Associated Press, 22 Nov 2016

<http://www.breitbart.com/big-government/2016/11/22/pentagon-end-gun-free-zones-military-bases/>

On November 18, the Pentagon issued a Defense Department directive that will "allow Department of Defense (DOD) personnel to carry firearms and employ deadly force while performing official duties."

Secretary of Defense Robert Work approved the directive.

Military.com reports that the directive "also provides detailed guidance to the services for permitting soldiers, sailors, airmen, Marines and Coast Guard personnel to carry privately owned firearms on DoD property." It authorizes "commanders, O5 and above...[to] grant permission to DoD personnel requesting to carry a privately owned firearm (concealed or open carry) on DoD property for a personal protection purpose not related to performance of an official duty or status."

The directive also makes clear that DoD will consider further changes to grant "[standard] authorizations for other DoD personnel, who are trained in the scaled use of force or who have been previously qualified to use a government-issued firearm, to carry a firearm in the performance of official duties on DoD property." This would allow DoD with certain combat training to carry firearms without going through the additional step of making application with a commander.

President-elect Donald Trump ran on removing gun-free zones from military bases. On July 9, 2015, Breitbart News reported that Trump pledged to end the gun-free scenarios for U.S. troops by "[mandating] that soldiers remain armed and on alert at our military bases."

<?>~<YOU JUST CAN'T MAKE THIS STUFF UP!>~<?>

SEE THE BIRD THAT TURNED WORLD-FAMOUS THE MINUTE DONALD TRUMP BECAME PRESIDENT-ELECT

November 24, 2016 | Carmine Sabia | [Print Article](#)

<http://www.bizpacreview.com/2016/11/24/see-bird-turned-world-famous-minute-donald-trump-became-president-elect-416159#ixzz4QwSqzDwO>

Turkey is not the only bird in the spotlight this Thanksgiving.



 Follow

Meet the pheasant-elect: Bird sporting 'Donald Trump's hairstyle' soars to internet fame in China
bit.ly/2frXVfK



A bird in a Chinese zoo has garnered international attention for its resemblance to the next president of the United States.

Patrons at the Hangzhou zoo became enamored with a golden pheasant whose golden coiffe reminded them of President-elect Donald Trump, and the bird subsequently went viral on social media.

Since its picture began making the rounds on the Internet following Trump's election zookeepers said tourists have been looking for the bird whenever they visit.

Mr Gao, who is the bird's keeper, told the Daily Mail he was surprised to hear of all the attention the bird, named Little Red, was getting but that he did notice the resemblance.

“I had not noticed the likeness in the past because I had not paid particular attention to the pheasant’s hairstyle,” he said. But after Trump was elected President of America, I start seeing more pictures of him and I think the pheasant looks a little bit like him.”

Still, the park is surprised by its resident’s sudden fame.

“We see the pheasant every day. We don’t think he is special in anyway, so we are very surprised to see he has become a star,” a zoo spokesman told the Mail. But social media loved the bird, with some dubbing it the “Pheasant-elect.”

Meet the pheasant-elect: Bird sporting 'Donald Trump's hairstyle' soars to internet fame in China <http://bit.ly/2frXVfK>

<?>~<YOU JUST CAN'T MAKE THIS STUFF UP!>~<?>

ANTARCTIC SEA ICE HAS NOT SHRUNK IN 100 YEARS

By: Marc Morano - Climate Depot, November 24, 2016 11:04 AM

<http://www.climatedepot.com/2016/11/24/antarctic-sea-ice-has-not-shrunk-in-100-years/>

Antarctic Sea Ice Has Not Shrunk In 100 Years

Trump To Scrap NASA Climate Research In Crackdown On ‘Politicized Science’

Antarctic sea ice had barely changed from where it was 100 years ago, scientists have discovered, after pouring over the logbooks of great polar explorers such as Robert Falcon Scott and Ernest Shackleton. Experts were concerned that ice at the South Pole had declined significantly since the 1950s, which they feared was driven by man-made climate change. But new analysis suggests that conditions are now virtually identical to when the Terra Nova and Endurance sailed to the continent in the early 1900s, indicating that declines are part of a natural cycle and not the result of global warming. –Sarah Knapton, The Daily Telegraph, 24 November 2016

1) **Antarctic Sea Ice Has Not Shrunk In 100 Years, Scott And Shackleton Logbooks Prove**

The Daily Telegraph, 24 November 2016

2) **Trump To Scrap NASA Climate Research In Crackdown On ‘Politicized Science’**

The Guardian, 23 November 2016

3) **GWPF Climate Briefing: A Brief History Of Arctic Angst**
GWPF Climate Briefing, November 2016

**4) Reality Check: Donald Trump On Climategate & The Paris Agreement
GWPF, 23 November 2016**

**5) Bjorn Lomborg: Trump's Climate Plan Might Not Be So Bad After All
The Washington Post, 21 November 2016**

In 2009, Al Gore announced 'there is a 75 per cent chance that the entire north polar ice cap, during the summer months, could be completely ice-free within the next five to seven years.' The dates by which climate scientists and politicians said the ice would disappear have come and gone, while the ice has remained. Undaunted, fresh predictions have been made in every subsequent year. One problem that persists is that there is still only a relatively short series of direct measurements on which to base our understanding of the Arctic. Satellite monitoring of the Arctic only began in 1978, giving us less than forty years of reliable data. This may not be enough to establish what is normal – or abnormal – for the region. Until the noise of a century of media hype and unscientific speculation about the Arctic has been removed from the public debate, science will be unable to explain what, if anything, the signal from the Arctic is telling us. —GWPF Climate Briefing, November 2016

Donald Trump plans to put NASA's focus back on space exploration and cut away programs that study climate change. Bob Walker, an adviser to Trump, told The Guardian that the incoming president wants to keep NASA away from 'politicized science.' Other government agencies can take on climate research, he said. 'We see NASA in an exploration role, in deep space research,' Walker told the publication. 'Earth-centric science is better placed at other agencies where it is their prime mission.' —Francesca Chambers, Daily Mail, 23 November 2016

The international news media is reporting that Donald Trump has changed his mind on climate change and the Paris climate agreement. Yet the transcript of his New York Times interview shows it is far too early to know what the next US President will do about climate and energy policy. —GWPF, 23 November 2016

The election of Donald Trump and Republican majorities in both houses of Congress have terrified environmentalists and climate campaigners, who have declared that the next four years will be a "disaster." Fear is understandable.

We have much to learn about the new administration's plans. But what little we know offers some cause for hope. Trump's promise to dump Paris will matter very little to temperature rises, and it will stop the pursuit of an expensive dead end. — Bjorn Lomborg, The Washington Post, 21 November 2016

<SNIP>

THERE IS A LOT MORE TO THIS ARTICLE INCLUDING THE SUPPORTING DOCUMENTATION FOR THESE 5 POINTS. PLEASE TAKE THE TIME TO GO TO THE WEBSITE AND READ THE REMAINDER OF THE ARTICLE. UT

<http://www.climatedepot.com/2016/11/24/antarctic-sea-ice-has-not-shrunk-in-100-years/>

<YOU>~<>~<JUST>~<>~<CAN'T>~<>~<MAKE>~<>~<THIS>~<>~<STUFF>~<>~<UP!>

YOU JUST CAN'T MAKE THIS STUFF UP!

From: "Jim Woosley" Jimwoosley@aol.com

FOR ONCE SNOPE'S PERFORMS A SERVICE

<http://www.snopes.com/vaping-causes-popcorn-lung/>

The headline "study finds e-cigarettes linked to incurable disease" popped up on AOL today. The clickbait item lead to a typical page that is unreadable due to advertisements, but I got the impression that the disease in question was "popcorn lung," which I had never heard of and which sounded suspicious.

Google presented Snopes with a nearly complete rebuttal of the AOL article. Bottom line, the chemical associated with "popcorn lung" is found in vaping, but at daily doses 750 times less than a 1 pack per day tobacco cigarette smokes.

I still doubt vaping is actually a healthy practice, but it remains significantly safer than cigarettes.

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From: "Tim Bolgeo" tbolgeo@epbfi.com

PACIFIC ISLAND POWERED ALMOST ENTIRELY BY SOLAR MICROGRID

Stu Robarts, November 22, 2016

<http://newatlas.com/solarcity-tau-solar-microgrid/46575/>

With its acquisition by Tesla confirmed yesterday, SolarCity has today shown us just what its tech can be capable of. The solar power firm has provided details of a solar panel and battery storage microgrid it rolled out on Ta'u in American Samoa, which is powering the island almost entirely.

SolarCity describes the deployment as "one of the world's most advanced microgrids." It features a 5,328 solar panel array that covers 3.5 ac (1.4 ha) and has an output of 1.4 MW. The array is coupled to 60 Tesla Powerpacks that provide 6 MWh of battery storage. These can be fully recharged by seven hours of sunlight and can keep the island powered for three full days without sun.



The SolarCity microgrid on Ta'u includes a solar array with an output of 1.4 MW(Credit:SolarCity)

Prior to the microgrid, Ta'u had been using diesel generators for power, the diesel for which has to shipped to the island. Not only were both aspects of this environmentally-unfriendly, but it meant that the island was at the mercy of shipping deliveries.

"I recall a time they weren't able to get the boat out here for two months," island resident and shop owner Keith Ahsoon is quoted as saying in a blog post. "We rely on that boat for everything, including importing diesel for the generators for all of our electricity. Once diesel gets low, we try to save it by using it only for mornings and afternoons. Water systems here also use pumps, everyone in the village uses and depends on that."

Not only has the microgrid improved the energy security of Ta'u, it is also expected to save in the region of 109,500 gal (498,000 l) of diesel a year. This makes energy more affordable for the 600 residents of the island, as well as making energy generation cleaner and safer.

The project, which was funded by the American Samoa Economic Development Authority, the Environmental Protection Agency, and the Department of Interior, took one year to implement. It began in November last year was completed earlier this month.



The video AT THE WEBSITE provides an overview of the project.

Source: SolarCity

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HUGE UNDERGROUND ICE DEPOSIT ON MARS IS BIGGER THAN NEW MEXICO

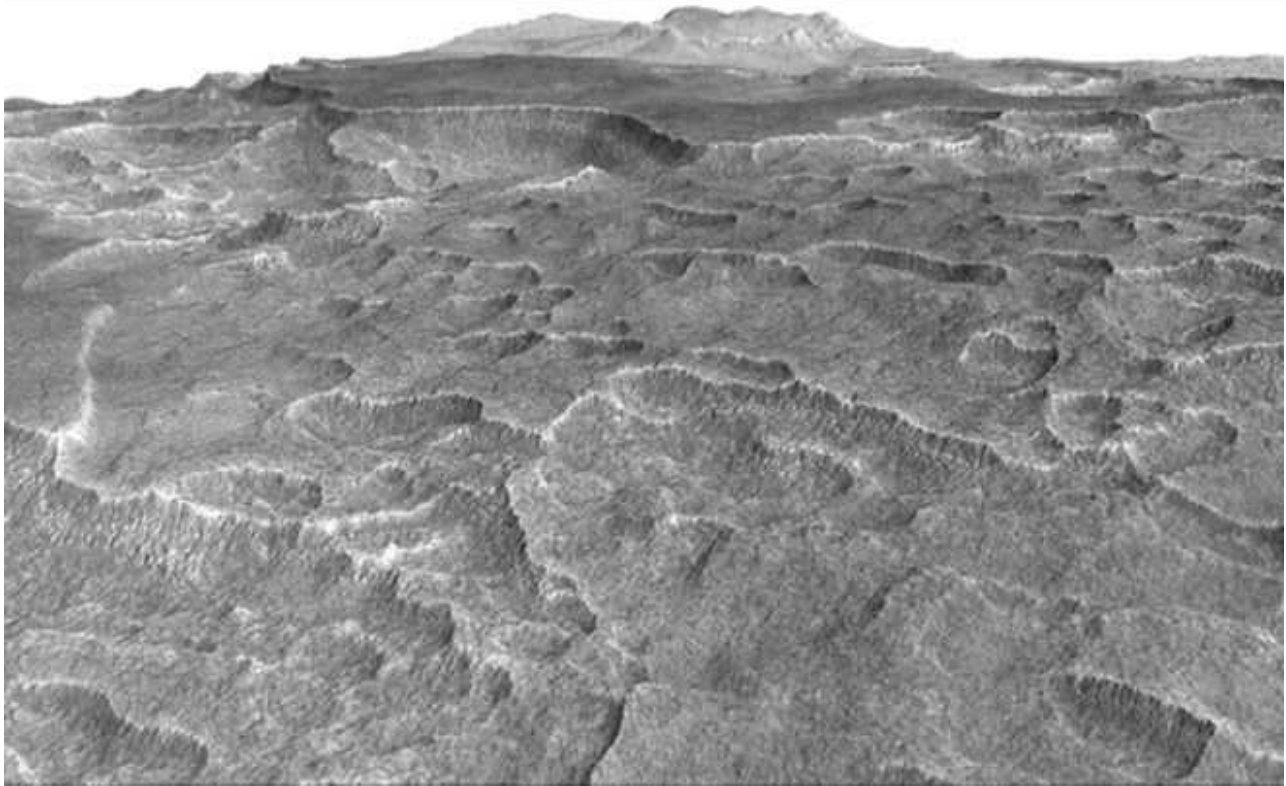
By Mike Wall, Space.com Senior Writer | November 22, 2016 04:53pm ET

<http://www.space.com/34811-mars-ice-more-water-than-lake-superior.html>

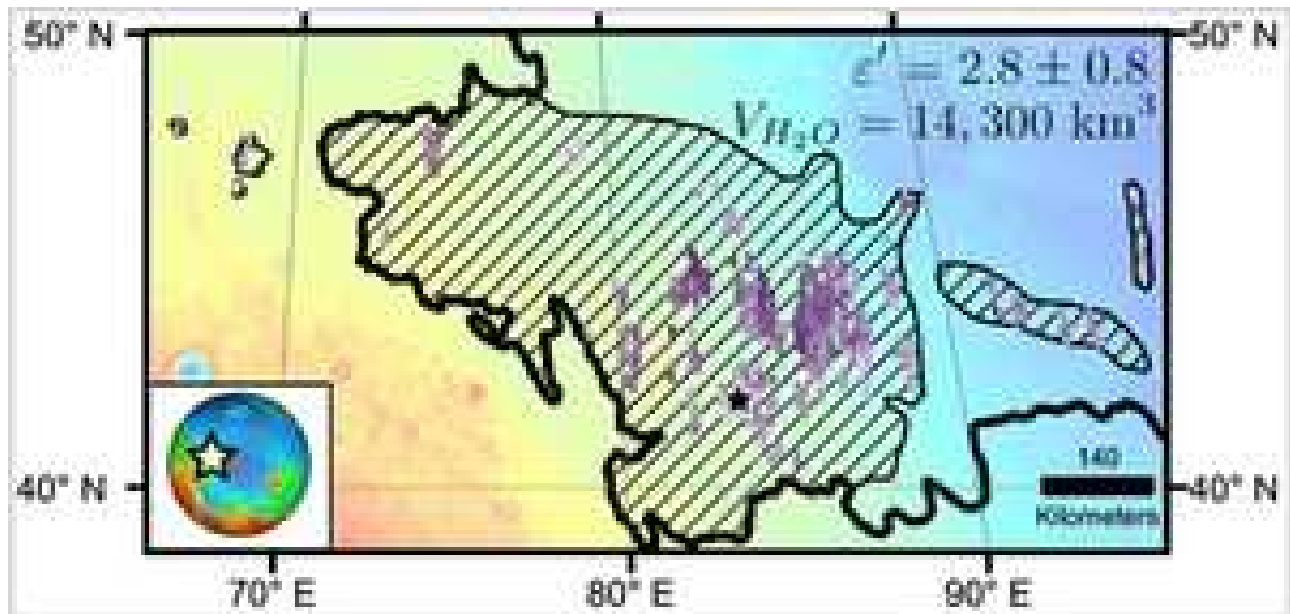
A giant deposit of buried ice on Mars contains about as much water as Lake Superior does here on Earth, a new study reports.

The ice layer, which spans a greater area than the state of New Mexico, lies in Mars' mid-northern latitudes and is covered by just 3 feet to 33 feet (1 to 10 meters) of soil. It therefore represents a vast possible resource for future astronauts exploring the Red Planet, study team members said.

The researchers, led by Cassie Stuurman of the Institute for Geophysics at the University of Texas, analyzed observations of Mars' Utopia Planitia region made by the ground-penetrating Shallow Radar (SHARAD) instrument aboard NASA's Mars Reconnaissance Orbiter. They focused on this area because Utopia Planitia features "scalloped depressions" similar to landscapes in the Canadian Arctic that lie atop buried ice.

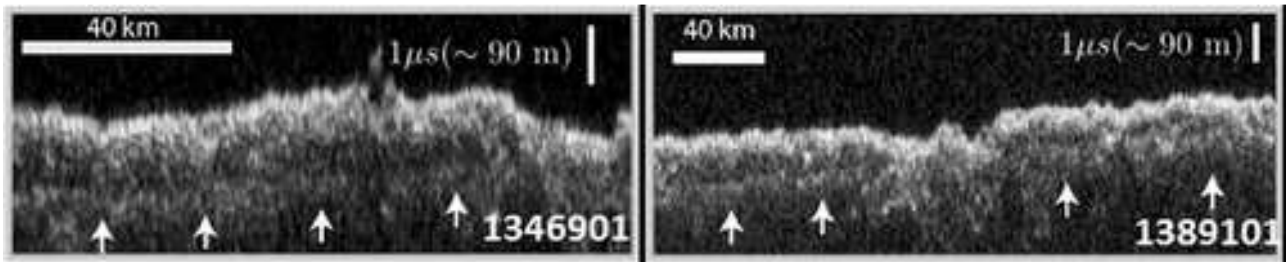


This vertically exaggerated view shows scalloped depressions in a part of Mars where such textures prompted researchers to check for buried ice, using ground-penetrating radar aboard NASA's Mars Reconnaissance Orbiter. Credit: NASA/JPL-Caltech/Univ. of Arizona



"This deposit is probably more accessible than most water ice on Mars, because it is at a relatively low latitude and it lies in a flat, smooth area where landing a spacecraft would be easier than at some of the other areas with buried ice," co-

author Jack Holt, of the University of Texas, Austin, said in a statement. [Photos: The Search for Water on Mars]



Diagonal striping on this map of a portion of Mars' Utopia Planitia region indicates the area where a large subsurface deposit rich in water ice was assessed using the Shallow Radar instrument on NASA's Mars Reconnaissance Orbiter. Credit: NASA/JPL-Caltech/Univ. of Rome/ASI/PSI

Data gathered by SHARAD during 600 MRO passes over Utopia Planitia revealed the deposit between 39 and 49 degrees north latitude. The layer ranges in thickness from 260 feet to 560 feet (80 to 170 m) and is made up of 50 to 85 percent water ice, researchers said. (The remainder is dirt and rock.)

That puts the deposit's water volume roughly on a par with that of Lake Superior, the largest of the Great Lakes, which holds 2,900 cubic miles (12,090 cubic kilometers) of the wet stuff.

SHARAD is capable of distinguishing between layers of liquid and frozen water, and the instrument's data indicate that all of the Utopia Planitia water is ice at the moment. That's bad news for anyone hoping to find evidence of Mars life, because life here on Earth is intimately tied to liquid water.

These two images show Shallow Radar (SHARAD) instrument data from two tracks in a part of Mars' Utopia Planitia region where the orbiting, ground-penetrating radar on NASA's Mars Reconnaissance Orbiter detected subsurface deposits rich in water ice. Credit: NASA/JPL-Caltech/Univ. of Rome/ASI/PSI

But there may have been some melting in the past, during times when Mars' poles were tilted at a different angle, researchers said. The planet has a 25-degree lean at the moment, but this axial tilt varies to about 50 degrees over a 120,000-year cycle.

Indeed, the ice deposit probably formed during a high-tilt era, when snow accumulated at middle Martian latitudes rather than at the poles as it does now, Stuurman said. So further study of the Utopia Planitia ice deposit could also shed light on how the Martian climate has changed over the ages.

"The ice deposits in Utopia Planitia aren't just an exploration resource, they're also one of the most accessible climate change records on Mars," co-author Joe Levy, also of the University of Texas, said in the same statement.

"We don't understand fully why ice has built up in some areas of the Martian surface and not in others," Levy added. "Sampling and using this ice with a future mission could help keep astronauts alive, while also helping them unlock the secrets of Martian ice ages."

The new study was published in the journal Geophysical Research Letters.

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MAGIC MUSHROOMS LIFT SEVERE DEPRESSION IN TRIAL

Henry Bodkin, 17 MAY 2016 • 1:17PM

<http://www.telegraph.co.uk/science/2016/05/17/magic-mushrooms-lifts-severe-depression-in-trial/>



Psilocybin, which is found in magic mushrooms, was administered to depression patients in a pill CREDIT: ALAMY

Scientists at Imperial College London induced intense psychedelic trips in 12 people using high doses of the banned substance psilocybin.

A week after the experience all the volunteers were depression-free, and three months later five still had no symptoms of the condition.

I wouldn't want members of the public thinking they can treat their own depressions by picking magic mushrooms Dr Robin Carhart-Harris, Imperial College London

Published in the Lancet Psychiatry Journal, the study welcomes the results as "promising, but not completely compelling".

Its authors are now seeking further funding from the Medical Research Council and other bodies to carry out fuller trials.

They conceded, however, that the use of a placebo control, a crucial component of thorough clinical trials, would be difficult as it would be obvious who was having a hallucinogenic experience and who was not.

The psilocybin is believed to cause relief from depression by targeting receptors in the brain and disrupting the Default Mode Network, which is responsible for sense of self and is overactive in depressed people.

However, the scientists did not rule out that the psychedelic trip could have caused an "awakening", of the kind achieved by spiritual teaching, which also helped lift the depression.

Professor David Nutt said current regulations made clinical trials extremely difficult CREDIT: UNIVERSAL NEWS AND SPORT



An estimated 350 million people worldwide are affected by the disease and the annual cost to the economy in England is thought to be around £7.5 billion, according to government figures.

About one in ten patients are resistant to treatment.

Despite the promising results, the researchers urged people not to try magic mushrooms themselves as a cure for depression.

Lead author Dr Robin Carhart-Harris, said: "Psychedelic drugs have potent psychological effects and are only given in our research when appropriate safeguards are in place, such as careful screening and professional therapeutic support.

"I wouldn't want members of the public thinking they can treat their own depressions by picking their own magic mushrooms.

“That kind of approach could be risky.”

The volunteers in the trial had the psilocybin administered orally in capsules and were then closely monitored.

Professor David Nutt, who also took part in the research, criticised the “Kafkaesque” tangle of regulations and licencing requirements that had forced the team to wait 32 months before being allowed to conduct the trial.

“It cost £1,500 to dose each person, when in a sane world it might cost £30,” he said.

“It is important that academic research groups try to develop possible new treatments for depression as the pharmaceutical industry is pulling out of this field.

“Our study has shown psilocybin is safe and fast-acting, so may, if administered carefully, have value for these patients.”

Professor Nutt, who was sacked as the Government’s drugs advisor in 2009 for his outspoken views, urged the Home Secretary to re-designate psilocybin from Schedule 1 of the Misuse of Drugs Act to better enable further clinical trials.

Amanda Feiling, from the Beckley Foundation, which also took part in the research, said: “For the first time in many years, people who were at the end of the road with currently available treatments reported decreased anxiety, increased optimism and an ability to enjoy things.

“This is an unparalleled success and could revolutionise the treatment of depression.”

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## **FACT FILE | MAGIC MUSHROOMS**

In 1955, Valentina and R. Gordon Wasson became the first known Caucasians to actively participate in a mushroom ceremony

In 1956 Roger Heim identified the psychoactive mushroom that the Wassons had brought back from Mexico as Psilocybe



By the early 1970s, many psilocybin mushroom species were being collected in North America, Europe, and Asia

Psilocybin is present in varying concentrations in about 200 species of Basidiomycota mushrooms

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## **NASA'S MARS ORBITER POINTS TO NEW MARTIAN SUBSURFACE ICE DEPOSIT**

Nov 23, 2016 Mark Carreau | Aerospace Daily & Defense Report

<http://aviationweek.com/space/nasa-s-mars-orbiter-points-new-martian-subsurface-ice-deposit>



**Mars: NASA**

**HOUSTON—**Researchers using radar data from NASA's Mars Reconnaissance Orbiter have observed a subsurface ice deposit on the Red Planet that rivals the size of Lake Superior, the largest of the U.S. Great Lakes.

It is located beneath Utopia Planitia, an ancient impact crater basin in Mars' mid-northern latitudes.

More extensive in area than New Mexico, the buried ice deposit ranges from 260 ft. to 560 ft. thick and is comprised of 50 to 85% water ice mixed with rocky particles and dust, according to data gathered from more than 600 overhead passes by MRO, which launched and entered orbit around Mars in 2005-06.

The ice deposit is covered by layers of Martian soil ranging from 3 to 33 ft. thick.

The find, using MRO's Shallow Radar instrument, could serve as a resource for future human explorers as well as scientists pursuing the time scales and circumstances for a change in the global Martian environment from warm, wet and possibly suitable for microbial life to one that is cold and dry with a thin atmosphere composed primarily of carbon dioxide.

The findings, published in Geophysical Research Letters (GRL), suggest the deposit originated as snowfall during an earlier era when Mars was tilted off its rotational axis to a greater extreme than the current 25 deg., according to Cassie Stuurman, a researcher from the University of Texas Institute for Geophysics who led the study.

**“This deposit is probably more accessible than most water ice on Mars because it is at a relatively low latitude and it lies in a flat, smooth area where landing a spacecraft would be easier than at some of the other areas with buried ice,” according to fellow University of Texas researcher and co-author Jack Holt in a joint statement with Stuurman. It was issued Nov. 22 by the university and NASA’s Jet Propulsion Laboratory.**

**Last year NASA’s Human Exploration and Operations and Science directorates initiated an ongoing effort called the Human Landing Sites Study initiative. It was established to identify candidate landing zones for future human explorers on the Red Planet that would be within range of in situ resources, as well as regions of scientific value to address whether Mars hosts or once hosted biological activity and when and why it underwent environmental change.**

**“Where water ice has been around for a long time, we just don’t know whether there could have been enough liquid water at some point for supporting microbial life,” Holt said of the Planitia Utopia subsurface ice deposit, which stretches from 39 deg. to 49 deg. north latitude.**

**Scientists from the University of Arizona’s Lunar and Planetary Laboratory described a similar discovery last year in GRL. It was a subsurface ice deposit estimated to be the combined size of California and Texas and about 130 ft. thick. It was also in the mid-latitudes of the Martian northern hemisphere in a region known as Arcadia Planitia.**

**Utopia Planitia, site of the recent discovery, covers a region just more than 2,000 mi. in diameter created by an impact with another Solar System object early in Mars’ history.**

**In 1976, NASA’s Viking 2 mission lander settled onto the center of the basin, just northeast of the site studied by Stuurman and her science colleagues.**

**“The ice deposits in Utopia Planitia aren’t just an exploration resource,” stresses University of Texas researcher and co-author Joe Levy. “They’re also one of the most accessible climate change records on Mars.**

**We don’t understand fully why ice has built up in some areas of the Martian surface and not in others. Sampling and using this ice with a future mission could help keep astronauts alive, while also helping them unlock the secrets of Martian ice ages.”**

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**ADIDAS UNVEILS BIODEGRADABLE SNEAKERS FEATURING SYNTHETIC SPIDER SILK**

**By: Marshall Smith | November 26th, 2016**

[http://www.industrytap.com/adidas-unveils-biodegradable-sneakers-featuring-synthetic-spider-silk/39635?utm\\_source=Industry+Tap&utm\\_campaign=53eb58f249-Industry+Tap+Volume+36811+28+2016&utm\\_medium=email&utm\\_term=0\\_05d6224fe0-53eb58f249-44103165](http://www.industrytap.com/adidas-unveils-biodegradable-sneakers-featuring-synthetic-spider-silk/39635?utm_source=Industry+Tap&utm_campaign=53eb58f249-Industry+Tap+Volume+36811+28+2016&utm_medium=email&utm_term=0_05d6224fe0-53eb58f249-44103165)



**Adidas**

**Adidas' Futurecraft is known to develop sustainable products, already responsible for shoes comprised of up-cycled ocean plastics as well as 'tailored fiber' shoes that capable of being customized to the individual wearing them.**

**Now, Adidas is showing off biodegradable sneakers constructed with synthetic spider silk, better known as biosteel® fiber — a replication of natural silk.**

**The Futurecraft biodegradable sneakers were developed as part of a collaboration with German biotech company AMSilk, the first company to introduce nature-based spider silk fibers.**

**Together, the companies were able to come up with the Adidas 'futurecraft biofabric' prototype shoes you see in the images above and below.**

The completely biodegradable high-performance fiber is actually 15% lighter compared to conventional synthetic fiber, but what makes it even more impressive is the fact that the new material from Adidas might be the strongest fully natural material on the market.

“In a year of ground-breaking innovations from Adidas, the announcement of our partnership with AMSILk – and the unveiling of the Adidas Futurecraft biofabric shoe – is another step in our commitment to redefining the sports industry,” says James Carnes, Vice President of Strategy Creations at Adidas. “This concept represents premium innovation. By using Biosteel® fiber in our products, we have achieved an unrivaled level of sustainability. We are moving beyond closed loop and into an infinite loop – or even no loop at all. This is a pioneering stride forward beyond sustainability into a new territory of bionic innovation.”

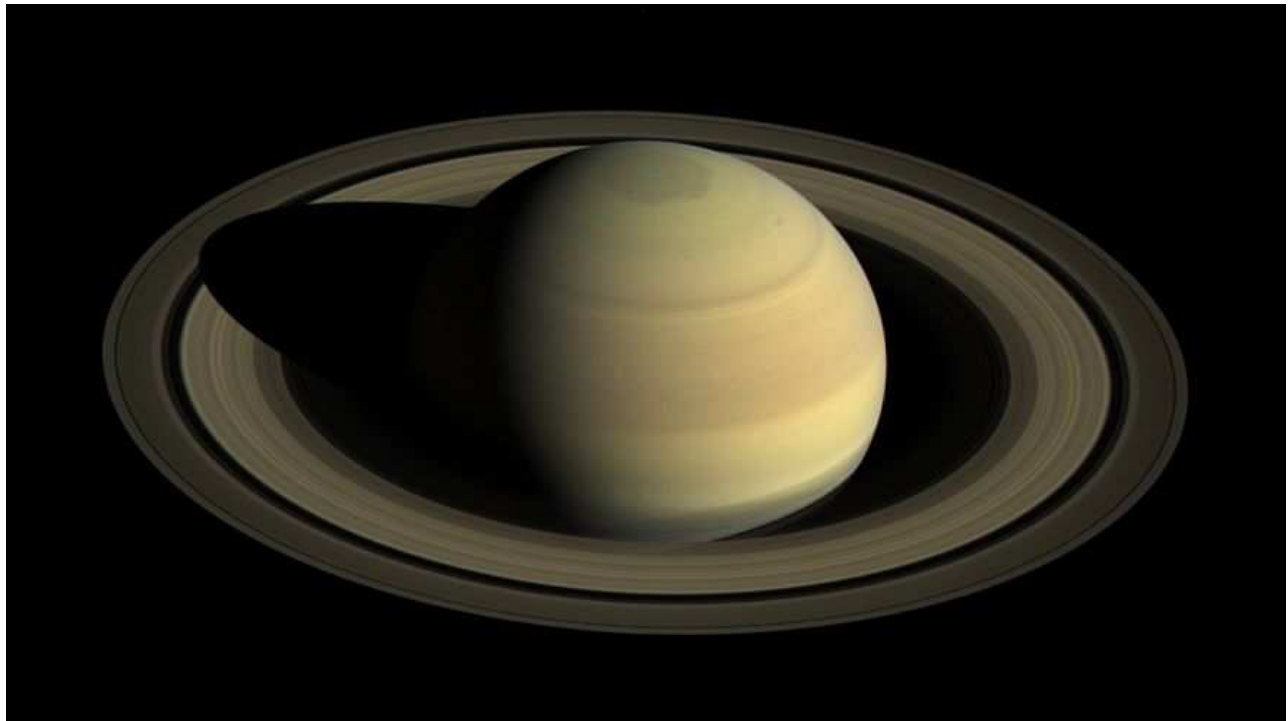
Via: Tech Steel

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## **SURPRISE! SATURN'S RINGS MAY BE FAR YOUNGER THAN ORIGINALLY THOUGHT**

By Walt Bonner, Published November 28, 2016, FoxNews.com

<http://www.foxnews.com/science/2016/11/28/surprise-saturns-rings-may-be-far-younger-than-originally-thought.html>



Saturn. (NASA/JPL-Caltech/Space Science Institute)

While the dinosaurs roamed the Earth, Saturn's rings may have been forming in space. So says a new study based on a large amount of almost-forgotten data from NASA's Cassini mission, which has been observing the planet since 2004.

Saturn's rings are made up of primarily ice particles that measure anywhere from a few inches up to several yards in size. The rings are believed to have been pure ice water when they were formed (even today they're mostly ice), but over time they were continuously hit with micrometeoroids: pieces of ice and rock thought to be leftover material from the formation of the solar system. A good bit of this rocky "pollution" has collected on the ice over the years, and the proportion of accumulated meteoroids can be used to narrow down something that has long eluded scientists—the age of Saturn's rings.

"Due to Saturn's rings' huge surface area, they are especially susceptible to bombardment from these micrometeoroids," study author Zhimeng Zhang, a graduate student at Cornell University, told Foxnews.com. "So, if we know the flux of these micrometeoroids (which was also measured by Cassini), how much is actually hitting the rings, and if we know how much non-icy material there is in the rings, then we can use it to put tight constraints on ring age."

Finding out the level of "pollution" on the ring ice particles was no easy task. First, Zhang had to analyze decade-old data collected by instruments built to study the surface of Titan, one of Saturn moons. In addition to the sheer quantity of information, Zhang believes the data was also left unanalyzed for years due to its complexity.

"I think the main reason that led to the data sitting around untouched for a while is that the calibration process, which involves a crucial de-convolution process, is very complicated," she said. "I have spent almost three years working on this data."

Of particular interest to Zhang was data collected by the Cassini Titan Radar Mapper. Since the ice is opaque to many wavelengths of light, the particles are able to conceal the amount of rock clinging to them. This is where the Radar Mapper comes in handy. Operating at a wavelength in the microwave end of the electromagnetic spectrum that makes it possible to pierce the ice, the Mapper examines the entire ring composition, and not just the surface.

Zhang's focus was on Saturn's C ring. Because of its relative low mass, this ring had collected the most micrometeoroid pollution, making it an ideal candidate for study.

After analyzing this data, Zhang was able to build physical models and simulate how light scatters off of and between particles in the rings. The results showed that most regions in the C ring contain about 1-2% silicates.



“These results are consistent with an initially nearly pure-ice ring system that has been continuously contaminated by in-falling micrometeoroids over as much as 100 million years, using the accepted values we know for the micrometeoroid flux,” she said.

More surprisingly, Zhang and her team also found an enhanced abundance of non-icy material concentrated in the middle C ring, indicating that Centaurs—rocky objects that orbit between Jupiter and Neptune and can sometimes measure up to 160 miles or more in diameter— have had at least one encounter with the rings.

“We proposed that in addition to the C ring being continuously polluted by micrometeoroid bombardment over their history, the middle C ring was further contaminated by an incoming Centaur which was torn apart by Saturn’s tides and deposited in the rings,” Zhang explained. “The Centaur was likely captured and integrated into the rings perhaps as recently as little as 10-20 million years ago.”

Her end results indicate that Saturn’s C ring is somewhere between a mere 15 and 100 million years old— a big difference between the 3.8 billion-year age range previously believed. This would mean that the rings were forming around the tail end of the dinosaurs’ 175 million–year run here on Earth.

Zhang and her team plan on studying the rings more, and are looking forward to the next wave of Cassini mission data in the hope of conclusively proving their findings. The mission ends in 2017, when the Cassini spacecraft flies into Saturn.

“Next year, during the grand finale of Cassini mission in 2017, we will obtain more passive and active radar observations on the rings at unprecedented resolution and at a variety of different geometries,” she said. “We are really excited about these observations, because they will give us very valuable and further insights on the rings’ properties, dynamics and origins, but—especially for me— to further prove what we have proposed in our paper to be correct.”

The study can be found in the January 2017 edition of the science journal *Icarus*.

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## DIAMONDS TURN NUCLEAR WASTE INTO NUCLEAR BATTERIES

David Szondy, November 28th, 2016

<http://newatlas.com/diamonds-nuclear-batteries/46645/>

One problem with dealing with nuclear waste is that it's often hard to tell what's waste and what's a valuable resource. Case in point is the work of physicists and chemists at the University of Bristol, who have found a way to convert thousands of tonnes of seemingly worthless nuclear waste into man-made diamond batteries that

can generate a small electric current for longer than the entire history of human civilization.



The new technology turns diamonds into nuclear batteries that can last thousands of years(Credit: Shenki/Despositphotos)

How to dispose of nuclear waste is one of the great technical challenges of the 21st century. The trouble is, it usually turns out not to be so much a question of disposal as long-term storage. If it was simply a matter of getting rid of radioactive material permanently, there are any number of options, but spent nuclear fuel and other waste consists of valuable radioactive isotopes that are needed in industry and medicine, or can be reprocessed to produce more fuel. Disposal, therefore is more often a matter of keeping waste safe, but being able to get at it later when needed.

One unexpected example of this is the Bristol team's work on a major source of nuclear waste from Britain's aging Magnox reactors, which are now being decommissioned after over half a century of service. These first generation reactors used graphite blocks as moderators to slow down neutrons to keep the nuclear fission process running, but decades of exposure have left the UK with 95,000 tonnes (104,720 tons) of graphite blocks that are now classed as nuclear waste because the radiation in the reactors changes some of the inert carbon in the blocks into radioactive carbon-14.

Carbon-14 is a low-yield beta particle emitter that can't penetrate even a few centimeters of air, but it's still too dangerous to allow into the environment. Instead of burying it, the Bristol team's solution is to remove most of the c-14 from the graphite blocks and turn it into electricity-generating diamonds.

The nuclear diamond battery is based on the fact that when a man-made diamond is exposed to radiation, it produces a small electric current. According to the researchers, this makes it possible to build a battery that has no moving parts, gives off no emissions, and is maintenance-free.

The Bristol researchers found that the carbon-14 wasn't uniformly distributed in the Magnox blocks, but is concentrated in the side closest to the uranium fuel rods. To produce the batteries, the blocks are heated to drive out the carbon-14 from the radioactive end, leaving the blocks much less radioactive than before. c-14 gas is then collected and using low pressures and high temperatures is turned into man-made diamonds.

Once formed, the beta particles emitted by the c-14 interact with the diamond's crystal lattice, throwing off electrons and generating electricity. The diamonds themselves are radioactive, so they are given a second non-radioactive diamond coating to act as a radiation shield. This means a person sitting next to a diamond battery would receive about as much radiation as they would sitting next to a banana. In addition, the hardness of the diamonds helps keep the radioactive material safe.

"Carbon-14 was chosen as a source material because it emits a short-range radiation, which is quickly absorbed by any solid material," says Neil Fox from the School of Chemistry. "This would make it dangerous to ingest or touch with your naked skin, but safely held within diamond, no short-range radiation can escape. In fact, diamond is the hardest substance known to man, there is literally nothing we could use that could offer more protection."

The team has already built a prototype diamond battery that uses the isotope nickel-63 as radioactive fuel and is now moving on to using carbon-14, which will be more efficient. Because c-14 has such a long half life, the researchers estimate a diamond battery would still generate 50 percent of its capacity after 5,730 years

"We envision these batteries to be used in situations where it is not feasible to charge or replace conventional batteries," says Tom Scott, Professor in Materials. "Obvious applications would be in low-power electrical devices where long life of the energy source is needed, such as pacemakers, satellites, high-altitude drones, or even spacecraft. There are so many possible uses that we're asking the public to come up with suggestions of how they would utilize this technology by using #diamondbattery."

The team's results were presented at the Cabot Institute's "Ideas to change the world" lecture.

The video below explains how the nuclear diamond battery works.

Source: University of Bristol

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From: "Jim Woosley" [Jimwoosley@aol.com](mailto:Jimwoosley@aol.com)

**UNDER TRUMP, GOP TO GIVE SPACE WEAPONS CLOSE LOOK**

Programs to account for a significant share of defense budget boost

John M. Donnelly, Posted Nov 21, 2016 4:08 PM

<http://www.rollcall.com/news/politics/trump-gop-give-space-weapons-close-look#sthash.Zgtxv1Fx.dpuf>



Arizona Rep. Trent Franks said the GOP's newly strengthened hand in Washington means a big payday is coming for programs aimed at developing space-based weapons. (Bill Clark/CQ Roll Call file photo)

Missile defense and military space programs are likely to get a substantial funding boost under the incoming Republican-dominated

government, lawmakers and analysts say.

Coming soon are a greater number of more capable anti-missile interceptors and radars deployed around the globe — on land, at sea and possibly in space, say these legislators and experts, several of whom have consulted with President-elect Donald Trump's advisers. More government money will be directed at protecting U.S. satellites from attack — potentially including systems that can ram into or otherwise disable another country's satellites. And senior Republicans who oversee Pentagon spending said in interviews this week that they support considering all such systems.

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**ABSOLUTELY & TOTALLY POLITICALLY INCORRECT & AS FAR TO THE RIGHT AS YOU CAN GO!**

From: "Jim Woosley" [Jimwoosley@aol.com](mailto:Jimwoosley@aol.com)

**WHY I VOTED FOR DONALD TRUMP**

November 15

[https://www.washingtonpost.com/classic-apps/2016/11/12/e72b9856-a859-11e6-8042-f4d111c862d1\\_story.html?wpisrc=nl\\_draw2&wpmm=1#comments](https://www.washingtonpost.com/classic-apps/2016/11/12/e72b9856-a859-11e6-8042-f4d111c862d1_story.html?wpisrc=nl_draw2&wpmm=1#comments)

Last week, The Post invited supporters of President-elect Donald Trump to tell us why they voted for him. A sample of the responses are printed at the website.

THERE ARE A NUMBER OF GREAT TESTAMENTS ABOUT WHY NORMAL PEOPLE VOTED FOR DONALD TRUMP. I THINK YOU MIGHT ENJOY READING THERE REASONS BECAUSE THEY DO COVER THE SPECTRUM OF HIS SUPPORTERS. PLEASE TAKE THE TIME TO READ A FEW OF THEM AT THE WEBSITE AND GET A GOOD INSIGHT INTO THE PEOPLE WHO ELECTED DONALD TRUMP AS OUR NEXT PRESIDENT. UT

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**ABSOLUTELY & TOTALLY POLITICALLY INCORRECT & AS FAR TO THE LEFT AS YOU CAN GO!**

From: "Tim Bolgeo" [tbolgeo@epbf.com](mailto:tbolgeo@epbf.com)

**HAMPSHIRE COLLEGE IN AMHERST STOPS FLYING ALL FLAGS**

November 22, 2016 9:59 AM

<http://boston.cbslocal.com/2016/11/22/hampshire-college-amherst-stops-flying-flags/>

AMHERST (CBS) — It's been a week of flag-related controversy for Hampshire College, after the school's Board of Trustees made the decision to lower the U.S. flag on campus to half-staff in the wake of the presidential election—and then decided to remove the flag entirely after a wave of backlash.

Hampshire College President Jonathan Lash told WBZ NewsRadio 1030's Ben Parker he knows it's a controversial decision to remove the flag, but he wanted to create a dialogue among those with differing opinions about the symbol.



**A worker takes down an American flag on the campus of Hampshire College. (WBZ-TV)**

**“There were a range of views on campus, including people whose experience growing up have made the flag a symbol of fear, which was strengthened by the toxic language during the campaign, and people for whom the flag is the symbol of all that’s best throughout the country,” said Lash.**

**He said the trouble started with a gesture meant to help provoke “meaningful and respectful dialogue” on campus—a stance he outlined in a post on the college’s Facebook page. In that post, he said the Board of Trustees decided to fly the flag at half-staff due to the “environment of escalating hate-based violence” in the wake of the election.**

**Lash said the gesture was also meant to be an “expression of grief” over deaths around the world, including those of U.S. service members.**

**But, the move didn’t work as planned and many—especially veterans and families of veterans in the Hampshire College family—saw it as being disrespectful of the tradition of expressing mourning on a national level.**

**“Frankly, doing that, it didn’t help,” he said. “Flying the flag at half-mast just created more controversy.”**

**President of @hampshirecolg says they were "struggling" to find a way to open dialogue and the flag had become a "heated symbol" #wbz  
8:12 AM - 22 Nov 2016**

On Veterans Day, someone removed the flag and burned it.

“In the middle of the night, we have no idea who did it or even why,” said Lash.

So that’s why they decided to take down the U.S. flag—and all flags—on campus.

“The flag had become a heated symbol that was making that more difficult,” Lash said. “We really feel our community needs a conversation in which both sides listen to each other, and we wish the nation would have that kind of dialogue. We felt that if we could stop arguing about the symbol, we could get to the underlying issues.”

Of course, that decision has created even more backlash, and Lash said there “certainly is” a lot of anger about the decision.

Tuesday afternoon, the school posted on its Facebook page to say they were temporarily suspending comments because their staff was about to go on holiday, and could not keep up with the huge volume.

The plan now that the flag is down is for group discussions with faculty, staff, and students about the issues, but there is no timeline for when the flag might fly again.

“We intend to go forward with that, and then reconsider how we fly the flag going forward,” Lash said.

Lash outlined the school’s previous policy for lowering the flag, and why the decision to lower it is sometimes difficult.



(WBZ-TV)

“When President Obama ordered national flags at half-staff to recognize the victims in Paris, something we completely agreed with, there were a number of people on campus that said ‘Yes, but, what about the hundreds of people being killed by terror in Syria and Lebanon and Pakistan?’ and asked that the school find some way to recognize victims globally,” said Lash. “So we periodically lowered the flag to recognize victims of violence.”

He said the school will focus on completing those group conversations before putting the flag back up.

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If you would like to unsubscribe From: THE REVENGE OF HUMP DAY, please send an email message to Tim Bolgeo [tbolgeo@epbf.com](mailto:tbolgeo@epbf.com) and say, "QUIT SENDING ME THIS STUPID RAG!"

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