

# Weekly Science Report

January 17, 2025

**“Archaeology gives us the power to ask questions of the past and of ourselves, about how we got here, what our values are, and the tools to choose whether and how we bring them forward with us into the future.”**

Dr. Marcy Rockman

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## Introduction

Steve Detwiler created this publication with the support of Graham Hancock and the late John Anthony West to share news and information on various disciplines to include but not limited to paleontology, space sciences, genetics, and archaeology. His goal behind sharing this publication has always been very simple, by sharing knowledge we can make our world a better place. This publication is Mr. Detwiler's contribution to bring people together and share ideas and discoveries with his fellow humans.

I hope you enjoy this publication and that the content challenges and inspires you!

The Weekly Science Report is also on social media at:

- Facebook: <https://www.facebook.com/weeklysciencertpt/>
- Twitter: <https://twitter.com/wklysciencertpt>

## News Articles

### Paleontology, Evolution and Prehistoric Studies

Baby Buried with Care 10,000 Years Ago Found in Italian Cave

[https://www.smithsonianmag.com/smart-news/10000-year-old-burial-of-baby-found-in-italian-cave-180979224/?utm\\_medium=social&utm\\_source=facebook&utm\\_campaign=editorial&utm\\_term=12282024&utm\\_content=archival&fbclid=IwZXh0bgNhZW0CMTEAAR2m-PBIfsy1D6tzieDDIulpOBVpEEtqtKqaN0Im9sQiGUAEVILzEDp-sUQ\\_aem\\_KruiBb08bhqqCKI9sl54jA&sfnsn=mo](https://www.smithsonianmag.com/smart-news/10000-year-old-burial-of-baby-found-in-italian-cave-180979224/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=12282024&utm_content=archival&fbclid=IwZXh0bgNhZW0CMTEAAR2m-PBIfsy1D6tzieDDIulpOBVpEEtqtKqaN0Im9sQiGUAEVILzEDp-sUQ_aem_KruiBb08bhqqCKI9sl54jA&sfnsn=mo)

Scientists Say Bakers Were Making an Early Version of Focaccia Bread 9,000 Years Ago

[https://www.smithsonianmag.com/smart-news/scientists-say-bakers-were-making-an-early-version-of-focaccia-bread-9000-years-ago-180985684/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2](https://www.smithsonianmag.com/smart-news/scientists-say-bakers-were-making-an-early-version-of-focaccia-bread-9000-years-ago-180985684/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2)

Newly Described Fossil from Wyoming Sheds Light on When Frogs and Toads Lost Their Teeth

[https://www.smithsonianmag.com/blogs/national-museum-of-natural-history/2024/12/12/open-wide-newly-described-fossil-from-wyoming-sheds-light-on-when-frogs-and-toads-lost-their-teeth/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/blogs/national-museum-of-natural-history/2024/12/12/open-wide-newly-described-fossil-from-wyoming-sheds-light-on-when-frogs-and-toads-lost-their-teeth/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Paleontologists Are Still Unraveling the Mystery of the First Dinosaur

[https://www.smithsonianmag.com/science-nature/paleontologists-are-still-unraveling-the-mystery-of-the-first-dinosaur-180983672/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/science-nature/paleontologists-are-still-unraveling-the-mystery-of-the-first-dinosaur-180983672/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Researchers Track Down When Neanderthals and Early Modern Humans Interbred Using Ancient Genomes

[https://www.smithsonianmag.com/smart-news/researchers-track-down-when-neanderthals-and-early-modern-humans-interbred-using-ancient-genomes-180985665/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/researchers-track-down-when-neanderthals-and-early-modern-humans-interbred-using-ancient-genomes-180985665/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Footprints Reveal Two Early Human Species Walked the Same Lakeshore in Kenya 1.5 Million Years Ago

[https://www.smithsonianmag.com/smart-news/footprints-reveal-two-early-human-species-walked-the-same-lakeshore-in-kenya-15-million-years-ago-180985561/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/footprints-reveal-two-early-human-species-walked-the-same-lakeshore-in-kenya-15-million-years-ago-180985561/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Alphabets Might Be 500 Years Older Than We Thought

<https://hyperallergic.com/978672/alphabets-might-be-500-years-older-than-we-thought/>

Kangaroo species went extinct in the Pleistocene. Research hops in with a possible explanation.

<https://www.npr.org/2025/01/12/nx-s1-5254719/kangaroo-species-went-extinct-in-the-pleistocene-research-hops-in-with-a-possible-explanation>

'Red flags' raised over ancient sea monster pulled from Moroccan mine

<https://www.livescience.com/animals/extinct-species/red-flags-raised-over-ancient-sea-monster-pulled-from-moroccan-mine>

Five Fascinating Ice Age Finds Discovered in Yukon Permafrost

[https://www.smithsonianmag.com/science-nature/five-fascinating-ice-age-finds-discovered-in-yukon-permafrost-180979521/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/science-nature/five-fascinating-ice-age-finds-discovered-in-yukon-permafrost-180979521/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Archaeologists and indigenous elders decipher shamanic messages in 11,000-year-old amazon rock art

<https://www.jpost.com/archaeology/archaeology-around-the-world/article-836236>

Revealing the secrets of Britain's lost world: Archaeologists discover Stone Age artefacts under North Sea

<https://www.independent.co.uk/news/science/archaeology/stone-age-uk-north-sea-artefacts-b2670049.html>

## History

Jimmy Carter, the 39th US president, has died at 100

<https://apnews.com/article/jimmy-carter-dies-18c198c20352c835bca3eec276020dd7>

A Return to the Wounded Knee Occupation, 50 Years Later

[https://www.smithsonianmag.com/blogs/national-museum-american-indian/2023/02/27/a-return-to-the-knee-occupation-fifty-years-later/?utm\\_medium=social&utm\\_source=facebook&utm\\_campaign=editorial&utm\\_term=12292024&utm\\_content=archival&fbclid=IwY2xjawHffRBlEHRuA2FibQlxMQABHXNYPTF17nJdHEAvMX0ksYLFuF2NjemDZdtFoEoevL5sDFtg2cznsAxsQ\\_aem\\_9kiHyBBsBTr6As2F4gZf9A](https://www.smithsonianmag.com/blogs/national-museum-american-indian/2023/02/27/a-return-to-the-knee-occupation-fifty-years-later/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=12292024&utm_content=archival&fbclid=IwY2xjawHffRBlEHRuA2FibQlxMQABHXNYPTF17nJdHEAvMX0ksYLFuF2NjemDZdtFoEoevL5sDFtg2cznsAxsQ_aem_9kiHyBBsBTr6As2F4gZf9A)

Y2K seems like a joke now, but in 1999 people were really freaking out

<https://www.npr.org/2024/12/28/nx-s1-5116271/y2k-year-2000-preparations>

The Real Story Behind 'A Complete Unknown' and Bob Dylan's Early Career, From His Arrival in New York City to When He 'Went Electric'

[https://www.smithsonianmag.com/history/the-real-story-behind-a-complete-unknown-and-bob-dylans-early-career-from-his-arrival-in-new-york-city-to-when-he-went-electric-180985672/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportID=MjgyNjI4NDk0OQS2](https://www.smithsonianmag.com/history/the-real-story-behind-a-complete-unknown-and-bob-dylans-early-career-from-his-arrival-in-new-york-city-to-when-he-went-electric-180985672/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportID=MjgyNjI4NDk0OQS2)

Joseph Smith, the Founder and Prophet of Mormonism, Was Born Into an Impoverished and Itinerant Family in Vermont

[https://www.smithsonianmag.com/smart-news/joseph-smith-the-founder-and-prophet-of-mormonism-was-born-into-an-impoverished-and-itinerant-family-in-vermont-180985655/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportID=MjgyNjI4NDk0OQS2](https://www.smithsonianmag.com/smart-news/joseph-smith-the-founder-and-prophet-of-mormonism-was-born-into-an-impoverished-and-itinerant-family-in-vermont-180985655/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportID=MjgyNjI4NDk0OQS2)

Ancient Britons May Have Built Stonehenge to Symbolize Unity

[https://www.smithsonianmag.com/smart-news/ancient-britons-may-have-built-stonehenge-to-symbolize-unity-180985728/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportID=MjgyNjI4NDk0OQS2](https://www.smithsonianmag.com/smart-news/ancient-britons-may-have-built-stonehenge-to-symbolize-unity-180985728/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportID=MjgyNjI4NDk0OQS2)

Historical mysteries solved by science in 2024

[https://www.cnn.com/2024/12/25/science/historical-figures-mysteries-2024/index.html?Date=20241225&Profile=CNN&utm\\_content=1735156810&utm\\_medium=social&utm\\_source=facebook&fbclid=IwY2xjawHg03VleHRuA2FibQlxMQABHWKCBdVn-WMy90ux840GX8kNFYL6jb\\_IPZJzLxpSC8evmXOjet6blwpg\\_aem\\_-2695QIFtOo-e3mificrCA](https://www.cnn.com/2024/12/25/science/historical-figures-mysteries-2024/index.html?Date=20241225&Profile=CNN&utm_content=1735156810&utm_medium=social&utm_source=facebook&fbclid=IwY2xjawHg03VleHRuA2FibQlxMQABHWKCBdVn-WMy90ux840GX8kNFYL6jb_IPZJzLxpSC8evmXOjet6blwpg_aem_-2695QIFtOo-e3mificrCA)

The Math—and Mystery—Behind an Ancient Counting Device

[https://news.artnet.com/art-world/the-hunt-quipu-inca-knot-2584599?fbclid=IwZXh0bgNhZW0CMTEAAR3\\_luOJEGuXAXki64AYIrkikm4ShsFxFYn3jsk-238zjQVufIsOEYOnToM\\_aem\\_kbxwxaNTmgb6cw8Z5gn0Bg](https://news.artnet.com/art-world/the-hunt-quipu-inca-knot-2584599?fbclid=IwZXh0bgNhZW0CMTEAAR3_luOJEGuXAXki64AYIrkikm4ShsFxFYn3jsk-238zjQVufIsOEYOnToM_aem_kbxwxaNTmgb6cw8Z5gn0Bg)

Brazil's mysterious 'man of the hole' is dead. Should his land remain protected?

[https://www.theguardian.com/global-development/2024/dec/24/brazil-man-of-the-hole-dead-land-protected-indigenous-uncontacted-people-amazon?CMP=fb\\_gu&utm\\_medium=Social&utm\\_source=Facebook&fbclid=IwZXh0bgNhZW0CMTEAAR2y\\_deaizrH6VWZysqbsxDV8Wumvi1J0H7SbNvfG8SBYiZkN93cbrNYg1l\\_aem\\_dsogeyGql5DN9NC9s3FWQ#Echobox=1735039503](https://www.theguardian.com/global-development/2024/dec/24/brazil-man-of-the-hole-dead-land-protected-indigenous-uncontacted-people-amazon?CMP=fb_gu&utm_medium=Social&utm_source=Facebook&fbclid=IwZXh0bgNhZW0CMTEAAR2y_deaizrH6VWZysqbsxDV8Wumvi1J0H7SbNvfG8SBYiZkN93cbrNYg1l_aem_dsogeyGql5DN9NC9s3FWQ#Echobox=1735039503)

The Origin of Krampus, Europe's Evil Twist on Santa

[https://www.smithsonianmag.com/travel/krampus-could-come-you-holiday-season-180957438/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailID=50551136&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826164448&spReportId=Mjg0MDM5OTQwOAS2](https://www.smithsonianmag.com/travel/krampus-could-come-you-holiday-season-180957438/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailID=50551136&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826164448&spReportId=Mjg0MDM5OTQwOAS2)

Men who were lynched more than a century ago are innocent, judge finds

<https://apnews.com/article/lynched-men-innocent-culpeper-virginia-3a9a6c8e3c93e7acef17d6e69a20993e>

In 1577, an English Explorer Set Out to Circumnavigate the World. Here's What His Groundbreaking Journey Accomplished

[https://www.smithsonianmag.com/smart-news/in-1577-an-english-explorer-set-out-to-circumnavigate-the-world-heres-what-groundbreaking-journey-accomplished-180985574/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/in-1577-an-english-explorer-set-out-to-circumnavigate-the-world-heres-what-groundbreaking-journey-accomplished-180985574/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&lctg=98054053)

See the Mysterious Winter Parade That Brings Tourists to the Remote Island of Sardinia

[https://www.smithsonianmag.com/travel/see-mysterious-winter-parade-brings-tourists-remote-island-sardinia-180985629/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailID=50565058&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2840399408&spReportId=Mjg0MDM5OTQwOAS2](https://www.smithsonianmag.com/travel/see-mysterious-winter-parade-brings-tourists-remote-island-sardinia-180985629/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailID=50565058&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2840399408&spReportId=Mjg0MDM5OTQwOAS2)

Discover the Story Behind a Legendary Exposé of the Brutality of the Soviet Union

[https://www.smithsonianmag.com/smart-news/discover-the-story-behind-a-legendary-expose-of-the-brutality-of-the-soviet-union-180985658/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailID=50565058&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2840399408&spReportId=Mjg0MDM5OTQwOAS2](https://www.smithsonianmag.com/smart-news/discover-the-story-behind-a-legendary-expose-of-the-brutality-of-the-soviet-union-180985658/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailID=50565058&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2840399408&spReportId=Mjg0MDM5OTQwOAS2)

Here's Why New York Celebrates New Year's Eve by Dropping a Ball

[https://www.smithsonianmag.com/smart-news/heres-why-we-celebrate-new-years-eve-dropping-ball-180957698/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailID=50565058&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2840399408&spReportId=Mjg0MDM5OTQwOAS2](https://www.smithsonianmag.com/smart-news/heres-why-we-celebrate-new-years-eve-dropping-ball-180957698/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailID=50565058&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2840399408&spReportId=Mjg0MDM5OTQwOAS2)

Martin Van Buren Created America's Partisan Political System. We're Still Recovering

[https://www.smithsonianmag.com/history/martin-van-buren-created-americas-partisan-political-system-were-still-recovering-180985643/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailID=50565061&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860085392&spReportId=Mjg2MDA4NTM5MgS2](https://www.smithsonianmag.com/history/martin-van-buren-created-americas-partisan-political-system-were-still-recovering-180985643/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailID=50565061&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860085392&spReportId=Mjg2MDA4NTM5MgS2)

Names of 425,000 suspected Nazi collaborators published

<https://www.bbc.com/news/articles/cj6z3q0d3x3o>

The Remarkable Life of One of Boston's Most Fervent and Daring Abolitionists

[https://www.smithsonianmag.com/history/remarkable-life-one-bostons-most-fervent-daring-abolitionists-180985634/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/history/remarkable-life-one-bostons-most-fervent-daring-abolitionists-180985634/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Spanish artwork seized by Franco regime returned to rightful owners

<https://www.theguardian.com/world/2024/dec/15/spanish-artwork-seized-by-franco-regime-returned-to-rightful-owners>

In 1950, the U.S. Released a Bioweapon in San Francisco

[https://www.smithsonianmag.com/smart-news/1950-us-released-bioweapon-san-francisco-180955819/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/1950-us-released-bioweapon-san-francisco-180955819/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Who was Dietrich Bonhoeffer? An AP Explainer about the anti-Nazi pastor

<https://apnews.com/article/dietrich-bonhoeffer-anti-nazi-pastor-theologian-77ceaa8b566a9aae2417f9a2c0bd8573>

Black sailors exonerated for mutiny 80 years after Navy disaster, but not alive to see justice prevail

<https://www.cbsnews.com/news/port-chicago-navy-disaster-black-sailors-exonerated-mutiny-80-years/>

Fate uncertain for Wounded Knee medals review

[https://ictnews.org/news/fate-uncertain-for-wounded-knee-medals-review?fbclid=IwY2xjawHo3ppleHRuA2FibQIxMQABHd4feSkbh41YuGW4yzzrPi8Yq1SuGNoBxaNpVs9Pmt4sxq3ty4CdKgLSHW\\_aem\\_x\\_qzbBS90Cs5o59s87emcg](https://ictnews.org/news/fate-uncertain-for-wounded-knee-medals-review?fbclid=IwY2xjawHo3ppleHRuA2FibQIxMQABHd4feSkbh41YuGW4yzzrPi8Yq1SuGNoBxaNpVs9Pmt4sxq3ty4CdKgLSHW_aem_x_qzbBS90Cs5o59s87emcg)

Biden will announce the creation of two new national monuments

[https://ictnews.org/news/biden-will-announce-the-creation-of-two-new-national-monuments?fbclid=IwY2xjawHqZZBleHRuA2FibQIxMQABHZF1QLTCsvlpvATe0RHdfXm1L04nwHLxanhD8u1N9NV44WMxGxGoBFI4Tw\\_aem\\_JbYttleX2Mz1kSziwq7agQ](https://ictnews.org/news/biden-will-announce-the-creation-of-two-new-national-monuments?fbclid=IwY2xjawHqZZBleHRuA2FibQIxMQABHZF1QLTCsvlpvATe0RHdfXm1L04nwHLxanhD8u1N9NV44WMxGxGoBFI4Tw_aem_JbYttleX2Mz1kSziwq7agQ)

The Death-Defying Attempt to Circumnavigate the World in a Canoe

[https://www.smithsonianmag.com/history/death-defying-attempt-circumnavigate-world-cano-180985641/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/history/death-defying-attempt-circumnavigate-world-cano-180985641/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Book of Deer: Archaeologists solve oldest manuscript mystery

<https://www.bbc.com/news/uk-scotland-north-east-orkney-shetland-67437874>

The Dramatic Rescue of the Citizen Sailors Who Patrolled the Atlantic Coast Looking for Nazi U-Boats

[https://www.smithsonianmag.com/history/dramatic-rescue-citizen-sailors-patrolled-atlantic-coast-looking-nazi-uboats-180985632/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/history/dramatic-rescue-citizen-sailors-patrolled-atlantic-coast-looking-nazi-uboats-180985632/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Auschwitz commandant's former house to open to visitors

[https://www.polskieradio.pl/395/7791/Artykul/3471432,auschwitz-commandant%E2%80%99s-former-house-to-open%C2%A0to-visitors?utm\\_source=iterable&utm\\_medium=email&utm\\_campaign=12324705](https://www.polskieradio.pl/395/7791/Artykul/3471432,auschwitz-commandant%E2%80%99s-former-house-to-open%C2%A0to-visitors?utm_source=iterable&utm_medium=email&utm_campaign=12324705)

Ancient Celtic tribe had women at its social center

<https://www.npr.org/2025/01/15/nx-s1-5258236/ancient-celtic-tribe-had-women-at-its-social-center>

Why Was Zora Neale Hurston So Obsessed With the Biblical Villain Herod the Great?  
[https://www.smithsonianmag.com/history/why-was-zora-neale-hurston-so-obsessed-with-the-biblical-villain-herod-the-great-180985824/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/history/why-was-zora-neale-hurston-so-obsessed-with-the-biblical-villain-herod-the-great-180985824/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Can You Read This Cursive Handwriting? The National Archives Wants Your Help  
[https://www.smithsonianmag.com/smart-news/can-you-read-this-cursive-handwriting-the-national-archives-wants-your-help-180985833/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/can-you-read-this-cursive-handwriting-the-national-archives-wants-your-help-180985833/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

What Was Life Like in Pompeii Before Mount Vesuvius Erupted Nearly 2,000 Years Ago?  
[https://www.smithsonianmag.com/smart-news/what-was-life-like-in-pompeii-before-mount-vesuvius-erupted-nearly-2000-years-ago-180985842/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/what-was-life-like-in-pompeii-before-mount-vesuvius-erupted-nearly-2000-years-ago-180985842/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Haaland Changed How America Faces Its History  
<https://nativenewsonline.net/opinion/haaland-changed-how-america-faces-its-history>

Ancient DNA Confirms the Origin Story of the Swahili People  
[https://www.smithsonianmag.com/smart-news/ancient-dna-confirms-the-origin-story-of-the-swahili-people-180981909/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailngID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportId=Mjq2MTM3NTEzOAS2](https://www.smithsonianmag.com/smart-news/ancient-dna-confirms-the-origin-story-of-the-swahili-people-180981909/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailngID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportId=Mjq2MTM3NTEzOAS2)

The Head of the Smithsonian Talks About America's 250th, Why Experts Still Matter and What to Expect From the Institution in 2025  
[https://www.smithsonianmag.com/smithsonian-institution/the-head-of-the-smithsonian-talks-about-americas-250th-why-experts-still-matter-and-what-to-expect-from-the-institution-in-2025-180985821/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailngID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportId=Mjq2MTM3NTEzOAS2](https://www.smithsonianmag.com/smithsonian-institution/the-head-of-the-smithsonian-talks-about-americas-250th-why-experts-still-matter-and-what-to-expect-from-the-institution-in-2025-180985821/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailngID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportId=Mjq2MTM3NTEzOAS2)

Why cultural heritage must be protected in wartime  
<https://www.japantimes.co.jp/commentary/2024/12/27/world/wartime-cultural-heritage/>



## Archaeology

Top 10 Archaeology Stories of 2024

<https://hyperallergic.com/976738/top-10-archaeology-stories-of-2024/>

Archaeologists in the Netherlands Just Uncovered a Centuries-Old Floor Made of Cow Bones

[https://www.smithsonianmag.com/smart-news/archaeologists-in-the-netherlands-just-uncovered-a-centuries-old-floor-made-of-cow-bones-180985714/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2](https://www.smithsonianmag.com/smart-news/archaeologists-in-the-netherlands-just-uncovered-a-centuries-old-floor-made-of-cow-bones-180985714/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2)

Divers Discover 2,500-Year-Old Shipwreck Off the Coast of Sicily

[https://www.smithsonianmag.com/smart-news/divers-discover-2500-year-old-shipwreck-off-the-coast-of-sicily-180985719/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2](https://www.smithsonianmag.com/smart-news/divers-discover-2500-year-old-shipwreck-off-the-coast-of-sicily-180985719/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2)

Archaeologists Are Finding Dugout Canoes in the American Midwest as Old as the Great Pyramids of Egypt

[https://www.smithsonianmag.com/history/archaeologists-using-sunken-dugout-canoes-learn-indigenous-history-america-180985638/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/history/archaeologists-using-sunken-dugout-canoes-learn-indigenous-history-america-180985638/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Authorities seek tips after ancient engraving damaged by climbing bolts in Utah

[https://www.cbsnews.com/news/ancient-engraving-pregnant-sheep-panel-damaged-climbing-bolts-utah/?ftag=CNM-00-10aab6a&linkId=701396632&fbclid=IwY2xjawHfxSNleHRuA2FibQIxMQABHTRNJePcifyR7a7R3TbkVAvuFZn4Ocr7AWIESFcq\\_bNKKm9LJ2DW3wSGg\\_aem\\_Oa2gGz2XyleTbt9fzvnwtw](https://www.cbsnews.com/news/ancient-engraving-pregnant-sheep-panel-damaged-climbing-bolts-utah/?ftag=CNM-00-10aab6a&linkId=701396632&fbclid=IwY2xjawHfxSNleHRuA2FibQIxMQABHTRNJePcifyR7a7R3TbkVAvuFZn4Ocr7AWIESFcq_bNKKm9LJ2DW3wSGg_aem_Oa2gGz2XyleTbt9fzvnwtw)

Archaeologists Discover Lost Burial Site of Enslaved People on President Andrew Jackson's Tennessee Plantation

[https://www.smithsonianmag.com/smart-news/archaeologists-discover-lost-burial-site-of-enslaved-people-on-president-andrew-jacksons-tennessee-plantation-180985671/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/archaeologists-discover-lost-burial-site-of-enslaved-people-on-president-andrew-jacksons-tennessee-plantation-180985671/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&lctg=98054053)

An Artist Noticed a Leak in His Studio. The Repairs Revealed a Mysterious Ancient Engraving Hidden Inside the Walls

[https://www.smithsonianmag.com/smart-news/an-artist-noticed-a-leak-in-his-studio-the-repairs-revealed-a-mysterious-ancient-engraving-hidden-inside-the-walls-180985653/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/an-artist-noticed-a-leak-in-his-studio-the-repairs-revealed-a-mysterious-ancient-engraving-hidden-inside-the-walls-180985653/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Conservators Are Uncovering Elaborate Angel Murals Hidden Behind Seven Layers of White Paint at a Colonial-Era Church

[https://www.smithsonianmag.com/smart-news/conservators-are-uncovering-elaborate-angel-murals-hidden-behind-seven-layers-of-white-paint-at-a-colonial-era-church-180985751/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50571814&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860201518&spReportId=MjgyMDIwMTUxOAS2](https://www.smithsonianmag.com/smart-news/conservators-are-uncovering-elaborate-angel-murals-hidden-behind-seven-layers-of-white-paint-at-a-colonial-era-church-180985751/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailingID=50571814&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860201518&spReportId=MjgyMDIwMTUxOAS2)

Seven-Foot Sword Unearthed From 1,600-Year-Old Burial Mound in Japan

[https://www.smithsonianmag.com/smart-news/massive-sword-and-mirror-unearthed-from-1600-year-old-burial-mound-in-japan-180981588/?utm\\_medium=social&utm\\_source=facebook&utm\\_campaign=editorial&utm\\_term=162025&utm\\_content=archival&fbclid=IwY2xjawHoxA5leHRuA2FbQIxMQABHTDJYmVaWCXvufDfI08v4mwYN8TKSHrvtZKZR3j9J0ECmuRWRZyY0-ZpQ\\_aem\\_01Y2RcKA1VrttuZ1bA7y4A](https://www.smithsonianmag.com/smart-news/massive-sword-and-mirror-unearthed-from-1600-year-old-burial-mound-in-japan-180981588/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=162025&utm_content=archival&fbclid=IwY2xjawHoxA5leHRuA2FbQIxMQABHTDJYmVaWCXvufDfI08v4mwYN8TKSHrvtZKZR3j9J0ECmuRWRZyY0-ZpQ_aem_01Y2RcKA1VrttuZ1bA7y4A)

2,000-year-old painted penis bone found in quarry shaft from Roman Britain

<https://www.livescience.com/archaeology/2-000-year-old-painted-penis-bone-found-in-quarry-shaft-from-roman-britain>

Construction Workers Discover Ancient Stone Coffin Filled With Plaster While Expanding Highway in England

[https://www.smithsonianmag.com/smart-news/construction-workers-discover-ancient-stone-coffin-filled-with-plaster-while-expanding-highway-in-england-180985779/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50591051&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860977125&spReportId=Mjg2MDk3NzEyNQs2](https://www.smithsonianmag.com/smart-news/construction-workers-discover-ancient-stone-coffin-filled-with-plaster-while-expanding-highway-in-england-180985779/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailingID=50591051&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860977125&spReportId=Mjg2MDk3NzEyNQs2)

Archaeologists Stumble Upon 900-Year-Old Door Guardian Statues in Cambodia

[https://www.smithsonianmag.com/smart-news/archaeologists-stumble-upon-900-year-old-door-guardian-statues-in-cambodia-180985378/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/archaeologists-stumble-upon-900-year-old-door-guardian-statues-in-cambodia-180985378/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Archaeologists Unearth Early Medieval Sword Engraved With Mysterious Runes in a Cemetery in England

[https://www.smithsonianmag.com/smart-news/archaeologists-unearth-early-medieval-sword-engraved-with-mysterious-runes-in-a-cemetery-in-england-180985768/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/archaeologists-unearth-early-medieval-sword-engraved-with-mysterious-runes-in-a-cemetery-in-england-180985768/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Discover the Astounding Secrets of Scotland's Stone Age Settlements

[https://www.smithsonianmag.com/history/discover-astounding-secrets-scotlands-stone-age-settlements-180985627/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/history/discover-astounding-secrets-scotlands-stone-age-settlements-180985627/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Divers Recover Ancient Shipwreck That Sank 2,600 Years Ago Off the Coast of Spain

[https://www.smithsonianmag.com/smart-news/divers-recover-ancient-shipwreck-that-sank-2600-years-ago-off-the-coast-of-spain-180985778/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/divers-recover-ancient-shipwreck-that-sank-2600-years-ago-off-the-coast-of-spain-180985778/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Seventy-Seven Fascinating Finds Revealed in 2024, From a Mysterious 'Anomaly' Near the Great Pyramid of Giza to a Missing Portrait of Henry VIII

[https://www.smithsonianmag.com/smart-news/seventy-seven-fascinating-finds-revealed-in-2024-from-a-mysterious-anomaly-near-the-great-pyramid-of-giza-to-a-missing-portrait-of-henry-viii-180985718/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50574327&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860310475&spReportId=Mjg2MDMxMDQ3NQs2](https://www.smithsonianmag.com/smart-news/seventy-seven-fascinating-finds-revealed-in-2024-from-a-mysterious-anomaly-near-the-great-pyramid-of-giza-to-a-missing-portrait-of-henry-viii-180985718/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50574327&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860310475&spReportId=Mjg2MDMxMDQ3NQs2)

Inside the Struggle to Preserve Georgia's Butler Island, Home to a Notorious Plantation  
[https://www.smithsonianmag.com/history/enduring-spirit-butler-island-georgia-plantation-180985631/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50574327&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860310475&spReportId=Mjg2MDMxMDQ3NQS2](https://www.smithsonianmag.com/history/enduring-spirit-butler-island-georgia-plantation-180985631/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50574327&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860310475&spReportId=Mjg2MDMxMDQ3NQS2)

Medieval Crowns and Scepters Discovered Hidden Inside the Walls of a Crypt Beneath a Lithuanian Cathedral  
[https://www.smithsonianmag.com/smart-news/medieval-crowns-and-scepters-discovered-hidden-inside-the-walls-of-a-crypt-beneath-a-lithuanian-cathedral-180985807/?utm\\_medium=social&utm\\_source=facebook&utm\\_campaign=editorial&utm\\_term=1132025&utm\\_content=new&fbclid=IwY2xjawHyAmdleHRuA2FlbQlxMQABHcE6h7yCG\\_GTuzXDCnRG0cvCOnxhUrO3uKhS8oNe6FD0lLJcB7amvzmHw\\_aem\\_e7A08m3uCzK8rRPOzK6ZjQ](https://www.smithsonianmag.com/smart-news/medieval-crowns-and-scepters-discovered-hidden-inside-the-walls-of-a-crypt-beneath-a-lithuanian-cathedral-180985807/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=1132025&utm_content=new&fbclid=IwY2xjawHyAmdleHRuA2FlbQlxMQABHcE6h7yCG_GTuzXDCnRG0cvCOnxhUrO3uKhS8oNe6FD0lLJcB7amvzmHw_aem_e7A08m3uCzK8rRPOzK6ZjQ)

Lasers illuminate the intricate patterns on ancient tattoos of Peru's mummies  
[https://apnews.com/article/ancient-tattoos-lasers-peru-mummies-2b6c0dd724e18af39727553721075449?utm\\_campaign=TrueAnthem&utm\\_medium=AP&utm\\_source=Facebook&fbclid=IwY2xjawHzRktleHRuA2FlbQlxMQABHWhoj6WLXm1CN4w-YbZbfZm-p0BjrlR7zuFwYFZfchsCK4ln2Glb5FIOfw\\_aem\\_j3x-bGDqX-RgwPTPJ1OwRA](https://apnews.com/article/ancient-tattoos-lasers-peru-mummies-2b6c0dd724e18af39727553721075449?utm_campaign=TrueAnthem&utm_medium=AP&utm_source=Facebook&fbclid=IwY2xjawHzRktleHRuA2FlbQlxMQABHWhoj6WLXm1CN4w-YbZbfZm-p0BjrlR7zuFwYFZfchsCK4ln2Glb5FIOfw_aem_j3x-bGDqX-RgwPTPJ1OwRA)

Ancient Incan tunnel system discovered in the Andes  
<https://www.theartnewspaper.com/2025/01/15/ancient-incan-tunnel-system-discovered-in-the-andes>

See the Greek Biblical Inscription Embedded in an Ancient Mosaic Floor Discovered in Israel  
[https://www.smithsonianmag.com/smart-news/see-the-greek-biblical-inscription-embedded-in-an-ancient-mosaic-floor-discovered-in-israel-180985849/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/see-the-greek-biblical-inscription-embedded-in-an-ancient-mosaic-floor-discovered-in-israel-180985849/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Archaeologists Unearth Ancient Roman Cemetery Full of Jewelry, Coins and Clothing  
[https://www.smithsonianmag.com/smart-news/ancient-roman-cemetery-full-of-jewelry-coins-and-clothing-180983615/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/ancient-roman-cemetery-full-of-jewelry-coins-and-clothing-180983615/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

How an Unorthodox Scholar Uses Technology to Expose Biblical Forgeries  
[https://www.smithsonianmag.com/history/how-unorthodox-scholar-uses-technology-expose-biblical-forgeries-180981290/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportId=Mjg2MTM3NTEzOAS2](https://www.smithsonianmag.com/history/how-unorthodox-scholar-uses-technology-expose-biblical-forgeries-180981290/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailingID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportId=Mjg2MTM3NTEzOAS2)

## Egyptology

Why Nefertiti still inspires, 3,300 years after she reigned

<https://www.cnn.com/2024/12/26/style/nefertiti-beauty-inspiration-style/index.html>

Archaeologists Discover Intricately Decorated Tomb Belonging to a Doctor Who Treated Egyptian Pharaohs 4,100 Years Ago

[https://www.smithsonianmag.com/smart-news/archaeologists-discover-intricately-decorated-tomb-belonging-to-a-doctor-who-treated-egyptian-pharaohs-4100-years-ago-180985788/?utm\\_medium=social&utm\\_source=facebook&utm\\_campaign=editorial&utm\\_term=1102025&utm\\_content=new&fbclid=IwZXh0bgNhZW0CMTEAAR0YZNpHOMI2o1HDbk0IGID0yNvTqNPs6p5Crbkt0WhDyYe-8zv-BNnu1\\_U\\_aem\\_N4QqBaOEGM1oAvjiGJG32A](https://www.smithsonianmag.com/smart-news/archaeologists-discover-intricately-decorated-tomb-belonging-to-a-doctor-who-treated-egyptian-pharaohs-4100-years-ago-180985788/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=1102025&utm_content=new&fbclid=IwZXh0bgNhZW0CMTEAAR0YZNpHOMI2o1HDbk0IGID0yNvTqNPs6p5Crbkt0WhDyYe-8zv-BNnu1_U_aem_N4QqBaOEGM1oAvjiGJG32A)

Does This Peculiar Statue Found at an Ancient Egyptian Temple Really Depict Cleopatra?

[https://www.smithsonianmag.com/smart-news/does-this-statue-found-at-an-ancient-egyptian-temple-really-depict-cleopatra-180985789/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/does-this-statue-found-at-an-ancient-egyptian-temple-really-depict-cleopatra-180985789/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Archaeologists Unearth Intricately Decorated Blocks From Hatshepsut's Temple in Egypt

[https://www.smithsonianmag.com/smart-news/archaeologists-unearth-intricately-decorated-blocks-from-hatshepsuts-temple-in-egypt-180985820/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/archaeologists-unearth-intricately-decorated-blocks-from-hatshepsuts-temple-in-egypt-180985820/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Egypt unveils new discoveries near Luxor, including 3,600-year-old burial shafts

<https://www.timesofisrael.com/egypt-unveils-new-discoveries-including-3600-year-old-burial-shafts-in-luxor/>

## General Science

Science should save all, not just some

<https://www.science.org/doi/10.1126/science.ads2151>

Seven Scientific Discoveries From 2024 That Could Lead to New Inventions

[https://www.smithsonianmag.com/innovation/seven-scientific-discoveries-from-2024-that-could-lead-to-new-inventionsfrom-indestructible-tardigrades-to-body-merging-comb-jellies-animals-can-teach-humans-so-much-about-medicine-robotics-aging-and-survival-180985741/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailID=50565058&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2840399408&spReportId=Mjq0MDM5OTQwOAS2](https://www.smithsonianmag.com/innovation/seven-scientific-discoveries-from-2024-that-could-lead-to-new-inventionsfrom-indestructible-tardigrades-to-body-merging-comb-jellies-animals-can-teach-humans-so-much-about-medicine-robotics-aging-and-survival-180985741/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailID=50565058&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2840399408&spReportId=Mjq0MDM5OTQwOAS2)

Smart robot helps out astronauts on China's Tiangong space station

<https://www.space.com/space-exploration/human-spaceflight/smart-robot-helps-out-astronauts-on-chinas-tiangong-space-station-video>

## Physics, Earth and Space Sciences

From new commercial Moon landers to asteroid investigations, expect a slate of exciting space missions in 2025

[https://theconversation.com/from-new-commercial-moon-landers-to-asteroid-investigations-expect-a-slate-of-exciting-space-missions-in-2025-243645?utm\\_content=buffer35394&utm\\_medium=social&utm\\_source=bluesky&utm\\_campaign=buffer](https://theconversation.com/from-new-commercial-moon-landers-to-asteroid-investigations-expect-a-slate-of-exciting-space-missions-in-2025-243645?utm_content=buffer35394&utm_medium=social&utm_source=bluesky&utm_campaign=buffer)

Yellowstone's volcanic activity is shifting to the northeast, geologists find

[https://phys.org/news/2025-01-yellowstone-volcanic-shifting-northeast-geologists.html?fbclid=IwY2xjawHjp9FleHRuA2FibQlxMQABHRrSPmtQ1Lb3e\\_NqWEiGtlX1qrXDwryWF47rgYxxWFFNry6Mo6bdw-fSFg\\_aem\\_SCZZd05WgcfHaJXcGDKgCg#google\\_vignette](https://phys.org/news/2025-01-yellowstone-volcanic-shifting-northeast-geologists.html?fbclid=IwY2xjawHjp9FleHRuA2FibQlxMQABHRrSPmtQ1Lb3e_NqWEiGtlX1qrXDwryWF47rgYxxWFFNry6Mo6bdw-fSFg_aem_SCZZd05WgcfHaJXcGDKgCg#google_vignette)

James Webb Telescope Confirms the Universe Is Expanding Faster Than We Thought—and Scientists Still Don't Know Why

[https://www.smithsonianmag.com/smart-news/james-webb-telescope-confirms-the-universe-is-expanding-faster-than-we-thought-and-scientists-still-dont-know-why-180985622/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/james-webb-telescope-confirms-the-universe-is-expanding-faster-than-we-thought-and-scientists-still-dont-know-why-180985622/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Space debris weighing over 1,000 pounds reportedly crashes into village in Kenya

[https://www.cbsnews.com/news/space-debris-reportedly-crashes-village-kenya/?ftag=CNM-00-10aab6a&linkId=702695732&fbclid=IwY2xjawHjeyNleHRuA2FibQlxMQABHTnKc8I9FkYXR0CEk1beTbki2PlyhvlmXk-Cdwh1HGVEwqrwc-8KWhxujw\\_aem\\_golTq4Nmku9xGb9M920I9w](https://www.cbsnews.com/news/space-debris-reportedly-crashes-village-kenya/?ftag=CNM-00-10aab6a&linkId=702695732&fbclid=IwY2xjawHjeyNleHRuA2FibQlxMQABHTnKc8I9FkYXR0CEk1beTbki2PlyhvlmXk-Cdwh1HGVEwqrwc-8KWhxujw_aem_golTq4Nmku9xGb9M920I9w)

The moon may be more than 100 million years older than previously thought, study finds

<https://www.nbcnews.com/science/space/moon-age-older-study-rcna184499>

How the Aurelia Institute is designing a self-assembling space station

<https://www.fastcompany.com/91242689/how-the-aurelia-institute-is-designing-a-self-assembling-space-station>

NASA proposes cheaper, quicker way to get Mars rocks and soil to Earth

[https://phys.org/news/2025-01-nasa-cheaper-quicker-mars-soil.html?fbclid=IwY2xjawHqdoVleHRuA2FibQlxMQABHURaK7TgNy1IXbx\\_HEgBVvBUQTdFOXaboCz8NuKNJbJcu211WaOg-fcZxQ\\_aem\\_H6CStDnThz0eofq6\\_a10Q#google\\_vignette](https://phys.org/news/2025-01-nasa-cheaper-quicker-mars-soil.html?fbclid=IwY2xjawHqdoVleHRuA2FibQlxMQABHURaK7TgNy1IXbx_HEgBVvBUQTdFOXaboCz8NuKNJbJcu211WaOg-fcZxQ_aem_H6CStDnThz0eofq6_a10Q#google_vignette)

Outgoing NASA administrator urges incoming leaders to stick with Artemis plan

<https://arstechnica.com/space/2025/01/outgoing-nasa-administrator-urges-incoming-leaders-to-stick-with-artemis-plan/>

How a quantum innovation may quash the idea of the multiverse

<https://institutions.newscientist.com/article/mg26435252-200-how-a-quantum-innovation-may-quash-the-idea-of-the-multiverse/>

Origins of black holes are revealed in their spin, gravitational wave data analysis finds

[https://phys.org/news/2025-01-black-holes-revealed-gravitational-analysis.html#google\\_vignette](https://phys.org/news/2025-01-black-holes-revealed-gravitational-analysis.html#google_vignette)

SpaceX: Lowering Starlink Satellite Orbits Reduces Impact on Astronomy

<https://www.pcmag.com/news/spacex-lowering-starlink-satellite-orbits-reduces-impact-on-astronomy>

Antarctica ice melt could cause 100 hidden volcanoes to erupt

<https://www.livescience.com/planet-earth/antarctica/antarctica-ice-melt-could-cause-100-hidden-volcanoes-to-erupt>

Sunken worlds under the Pacific? High-res models reveal workings of Earth's mantle  
<https://phys.org/news/2025-01-sunken-worlds-pacific-high-res.html>

US company Firefly Aerospace to launch for moon next week  
<https://phys.org/news/2025-01-company-firefly-aerospace-moon-week.html>

Scientists find hidden 'hotspot' that helped create the Great Lakes before North America even existed  
<https://www.livescience.com/planet-earth/geology/scientists-discover-ancient-hotspot-that-birtherd-the-great-lakes-300-million-years-ago>

Million year-old bubbles could solve ice age mystery  
[https://www.bbc.com/news/articles/cwypyq4vq8ko?at\\_campaign\\_type=owned&at\\_bbc\\_team=editorial&at\\_ptr\\_name=facebook\\_page&at\\_format=image&at\\_link\\_id=BE7F6CAE-CEC3-11EF-A28E-DFFC969EB4DF&at\\_link\\_type=web\\_link&at\\_link\\_origin=BBC\\_News&at\\_campaign=Social\\_Flow&at\\_medium=social&fbclid=IwY2xjawHt-3ZleHRuA2FibQIxMAABHRJflm0hxzD4r73mrkXT1EiF3DBk4pHE7vWN8MXwvshJ42NIRhfqHlpQw\\_aem\\_ql63jBB8XJb0gTTTRtCKTA](https://www.bbc.com/news/articles/cwypyq4vq8ko?at_campaign_type=owned&at_bbc_team=editorial&at_ptr_name=facebook_page&at_format=image&at_link_id=BE7F6CAE-CEC3-11EF-A28E-DFFC969EB4DF&at_link_type=web_link&at_link_origin=BBC_News&at_campaign=Social_Flow&at_medium=social&fbclid=IwY2xjawHt-3ZleHRuA2FibQIxMAABHRJflm0hxzD4r73mrkXT1EiF3DBk4pHE7vWN8MXwvshJ42NIRhfqHlpQw_aem_ql63jBB8XJb0gTTTRtCKTA)

Spacecraft buzzes Mercury's north pole and beams back stunning photos  
<https://phys.org/news/2025-01-spacecraft-mercury-north-pole-stunning.html>

Shenzhou-19 astronauts complete record-breaking 9-hour spacewalk  
<https://spacenews.com/shenzhou-19-astronauts-complete-record-breaking-9-hour-spacewalk/>

An Undersea Volcano Near Oregon May Erupt in 2025, Scientists Predict. It Could Help Improve Eruption Forecasts  
[https://www.smithsonianmag.com/smart-news/an-undersea-volcano-near-oregon-may-erupt-in-2025-scientists-predict-it-could-help-improve-eruption-forecasts-180985796/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/an-undersea-volcano-near-oregon-may-erupt-in-2025-scientists-predict-it-could-help-improve-eruption-forecasts-180985796/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Will Yellowstone Erupt Soon? Scientists Are Using New Techniques to Find Out  
[https://www.smithsonianmag.com/smart-news/will-yellowstone-erupt-soon-scientists-are-using-new-techniques-to-find-out-180985771/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/will-yellowstone-erupt-soon-scientists-are-using-new-techniques-to-find-out-180985771/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Astronomers have pinpointed the origin of mysterious repeating radio bursts from space  
<https://www.space.com/the-universe/astronomers-have-pinpointed-the-origin-of-mysterious-repeating-radio-bursts-from-space>

Marlon Brando Wanted to Build a 'University of the Sea.' These Scientists Are Bringing the Late Actor's Vision to Life  
[https://www.smithsonianmag.com/science-nature/marlon-brando-wanted-to-build-a-university-of-the-sea-these-scientists-are-bringing-the-late-actors-vision-to-life-180985687/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50584632&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860721015&spReportId=Mjq2MDcyMTAxNQS2](https://www.smithsonianmag.com/science-nature/marlon-brando-wanted-to-build-a-university-of-the-sea-these-scientists-are-bringing-the-late-actors-vision-to-life-180985687/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailingID=50584632&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860721015&spReportId=Mjq2MDcyMTAxNQS2)

Scientists Find the Mysterious Source of the Massive 1831 Volcanic Eruption That Cooled Earth and Made the Sun Appear Blue

[https://www.smithsonianmag.com/smart-news/scientists-find-the-mysterious-source-of-the-massive-1831-volcanic-eruption-that-cooled-earth-and-made-the-sun-appear-blue-180985784/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/scientists-find-the-mysterious-source-of-the-massive-1831-volcanic-eruption-that-cooled-earth-and-made-the-sun-appear-blue-180985784/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Giant 'kidney beans' spotted in Mars satellite images could point to signs of water and life

<https://www.livescience.com/space/mars/giant-kidney-beans-spotted-in-mars-satellite-images-could-point-to-signs-of-water-and-life>

Sunken worlds under the Pacific? High-res models reveal workings of Earth's mantle

<https://phys.org/news/2025-01-sunken-worlds-pacific-high-res.html>

Jeff Bezos' New Glenn rocket reaches orbit on first test flight

[https://apnews.com/article/blue-origin-new-glenn-rocket-jeff-bezos-2466fb0e114a09d88a46f71a1e647d50?utm\\_campaign=TrueAnthem&utm\\_medium=AP&utm\\_source=Facebook&fbclid=IwY2xjawH17DVleHRuA2FibQIxMQABHQCwGx-8ufdyvC6SUQw\\_H4PG07xjrA0Bg5T\\_aJPn3Tx462I5KxqkQxa7\\_w\\_aem\\_Wlqc0XwRB0SNxKhZgwx7qw](https://apnews.com/article/blue-origin-new-glenn-rocket-jeff-bezos-2466fb0e114a09d88a46f71a1e647d50?utm_campaign=TrueAnthem&utm_medium=AP&utm_source=Facebook&fbclid=IwY2xjawH17DVleHRuA2FibQIxMQABHQCwGx-8ufdyvC6SUQw_H4PG07xjrA0Bg5T_aJPn3Tx462I5KxqkQxa7_w_aem_Wlqc0XwRB0SNxKhZgwx7qw)

India becomes world's fourth nation to carry out successful space docking mission

[https://www.nbcnews.com/news/world/india-successful-space-docking-mission-rcna187920?utm\\_campaign=trueanthem&utm\\_medium=trueanthem&utm\\_source=facebook&fbclid=IwY2xjawH2DYNleHRuA2FibQIxMQABHVEZ74fU7wMGG7EPZhPJ87gNnOGz5Vyk08m9nf\\_0dpo1dP-Tnkw5LXbYog\\_aem\\_qHOIzH3luFI4vXDWi1-9qw&branch\\_match\\_id=1195686125552732090&branch\\_referrer=H4sIAAAAAAAAAAwXB2xJCQAAAL%2FpDVENNWMa5bKaCo1EL8ayLImLRase%2BvbOKcexG3aCQGBKEBv4pOt4XJFaKAYT%2Bj10Uw%2Fuc5jIKINtFknzK2FA0qMrRuA2aZKJoWfPF087gMB4yuv8LrOLZcmG%2ByzdkyIXV%2BJY303wqZdKsyV5vMy6Vsxczic125xDGLVFNkAm7ofJf8HKny8fof6oxK5bc8WP4pyRGIHijSlq2lqseStg36AwFMO6%2B5AAAA](https://www.nbcnews.com/news/world/india-successful-space-docking-mission-rcna187920?utm_campaign=trueanthem&utm_medium=trueanthem&utm_source=facebook&fbclid=IwY2xjawH2DYNleHRuA2FibQIxMQABHVEZ74fU7wMGG7EPZhPJ87gNnOGz5Vyk08m9nf_0dpo1dP-Tnkw5LXbYog_aem_qHOIzH3luFI4vXDWi1-9qw&branch_match_id=1195686125552732090&branch_referrer=H4sIAAAAAAAAAAwXB2xJCQAAAL%2FpDVENNWMa5bKaCo1EL8ayLImLRase%2BvbOKcexG3aCQGBKEBv4pOt4XJFaKAYT%2Bj10Uw%2Fuc5jIKINtFknzK2FA0qMrRuA2aZKJoWfPF087gMB4yuv8LrOLZcmG%2ByzdkyIXV%2BJY303wqZdKsyV5vMy6Vsxczic125xDGLVFNkAm7ofJf8HKny8fof6oxK5bc8WP4pyRGIHijSlq2lqseStg36AwFMO6%2B5AAAA)

The Moon Makes the List of the World's Most Endangered Cultural Heritage Sites in 2025

[https://www.smithsonianmag.com/smart-news/the-moon-makes-the-list-of-the-worlds-most-endangered-cultural-heritage-sites-in-2025-180985845/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/the-moon-makes-the-list-of-the-worlds-most-endangered-cultural-heritage-sites-in-2025-180985845/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

SpaceX says its Starship spacecraft broke up midflight as videos of debris emerge online

[https://www.nbcnews.com/science/space/spacex-lost-starship-rocket-debris-videos-rcna188078?cid=sm\\_npd\\_nn\\_fb\\_ma&utm\\_campaign=trueanthem&utm\\_medium=social&utm\\_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR1yQFMEHwhV7NLXWqnUxgNwDbccuZs\\_fXDZp9aPH4oWJ4tNU7X7S-r8QHl\\_aem\\_PkuzxhbrwZEVNBvex1ORw&branch\\_match\\_id=1341103929126636916&branch\\_referrer=H4sIAAAAAAAAAAwXB2wqCMAAAAL%2FpLS8qWIGepaaRSy0v7EXcnM6saVOB9tC3dw4dx37YyTJDMBESEXfS8%2BGtLsIO1peokyRPsK4WdTGp6AGVVQDShMlaN%2Ft00zUpfQ8W1X0EQHlyx9s3iugbAQxhMc8iqzYL8tAlfr0rM2gIjP9Nuab0LXywwyyoN2%2Bs70gbiAdglOHZkr10isfpxUhpOG1TninRgIn5wCE9R17R%2BJuSRFsAAAAA%3D%3D](https://www.nbcnews.com/science/space/spacex-lost-starship-rocket-debris-videos-rcna188078?cid=sm_npd_nn_fb_ma&utm_campaign=trueanthem&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR1yQFMEHwhV7NLXWqnUxgNwDbccuZs_fXDZp9aPH4oWJ4tNU7X7S-r8QHl_aem_PkuzxhbrwZEVNBvex1ORw&branch_match_id=1341103929126636916&branch_referrer=H4sIAAAAAAAAAAwXB2wqCMAAAAL%2FpLS8qWIGepaaRSy0v7EXcnM6saVOB9tC3dw4dx37YyTJDMBESEXfS8%2BGtLsIO1peokyRPsK4WdTGp6AGVVQDShMlaN%2Ft00zUpfQ8W1X0EQHlyx9s3iugbAQxhMc8iqzYL8tAlfr0rM2gIjP9Nuab0LXywwyyoN2%2Bs70gbiAdglOHZkr10isfpxUhpOG1TninRgIn5wCE9R17R%2BJuSRFsAAAAA%3D%3D)

New, Stunning Images of Mercury's North Pole Will Help Scientists Study the Planet's Mysterious Permanent Shadows

[https://www.smithsonianmag.com/smart-news/new-stunning-images-of-mercurys-north-pole-will-help-scientists-study-the-planets-mysterious-permanent-shadows-180985815/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailngID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportID=Mjg2MTM3NTEzOAS2](https://www.smithsonianmag.com/smart-news/new-stunning-images-of-mercurys-north-pole-will-help-scientists-study-the-planets-mysterious-permanent-shadows-180985815/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailngID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportID=Mjg2MTM3NTEzOAS2)



Astronomers Found Strange, Accelerating X-Ray Pulses Coming From a Black Hole. They Might Be a Sign of an Orbiting White Dwarf

[https://www.smithsonianmag.com/smart-news/astronomers-found-strange-accelerating-x-ray-pulses-coming-from-a-black-hole-they-might-be-a-sign-of-an-orbiting-white-dwarf-180985832/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportID=Mjg2MTM3NTEzOAS2](https://www.smithsonianmag.com/smart-news/astronomers-found-strange-accelerating-x-ray-pulses-coming-from-a-black-hole-they-might-be-a-sign-of-an-orbiting-white-dwarf-180985832/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailID=50604557&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2861375138&spReportID=Mjg2MTM3NTEzOAS2)

## Environment, Climate Change and Alternative Energy Sources

Inside One Scientist's Quest to Understand Why Climate Change Is Making Europe's Highest Peak More Dangerous

[https://www.smithsonianmag.com/science-nature/inside-one-scientists-quest-to-understand-why-climate-change-is-making-europes-highest-peak-more-dangerous-180985686/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailInglID=50591051&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860977125&spReportId=Mjg2MDk3NzEyNQs2](https://www.smithsonianmag.com/science-nature/inside-one-scientists-quest-to-understand-why-climate-change-is-making-europes-highest-peak-more-dangerous-180985686/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailInglID=50591051&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860977125&spReportId=Mjg2MDk3NzEyNQs2)

Scientists Drill 1.7 Miles Into Antarctic Ice, Revealing 1.2 Million Years of Climate History

[https://www.smithsonianmag.com/smart-news/scientists-drill-17-miles-into-antarctic-ice-revealing-12-million-years-of-climate-history-180985809/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/scientists-drill-17-miles-into-antarctic-ice-revealing-12-million-years-of-climate-history-180985809/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Huge underwater 'kite' turbine powered 1,000 homes in the Faroe Islands

[https://www.popsci.com/environment/minesto-dragon-kite-turbine/?fbclid=IwY2xjawHyI99leHRuA2FbQIxMAABHTJZu75\\_4mMzY0FZPStg67CXRJfNyFIHXkE2lVT1WP49Ojd8pSRqMmNdaA\\_aem\\_o4ydSn6k-SPHwRUGr0Xmfg](https://www.popsci.com/environment/minesto-dragon-kite-turbine/?fbclid=IwY2xjawHyI99leHRuA2FbQIxMAABHTJZu75_4mMzY0FZPStg67CXRJfNyFIHXkE2lVT1WP49Ojd8pSRqMmNdaA_aem_o4ydSn6k-SPHwRUGr0Xmfg)

## Biological, Genetics and Medical Sciences

Some Whales Live Much Longer Than Previously Thought, a Discovery That Could Change How We Protect Them

[https://www.smithsonianmag.com/smart-news/some-whales-live-much-longer-than-previously-thought-a-discovery-that-could-change-how-we-protect-them-180985732/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2](https://www.smithsonianmag.com/smart-news/some-whales-live-much-longer-than-previously-thought-a-discovery-that-could-change-how-we-protect-them-180985732/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2)

Expedition Discovers 27 New Species in Peru, From an 'Exceedingly Rare' Amphibious Mouse to a Blob-Headed Fish

[https://www.smithsonianmag.com/smart-news/expedition-discovers-27-new-species-in-peru-from-an-exceedingly-rare-amphibious-mouse-to-a-blob-headed-fish-180985721/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2](https://www.smithsonianmag.com/smart-news/expedition-discovers-27-new-species-in-peru-from-an-exceedingly-rare-amphibious-mouse-to-a-blob-headed-fish-180985721/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&spMailingID=50553209&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2826284949&spReportId=MjgyNjI4NDk0OQS2)

Experts say a twice-yearly injection that offers 100% protection against HIV is 'stunning'

<https://apnews.com/article/africa-aids-hiv-infection-prevention-shot-sunlenca-a94b83717f5b61987822335e11398428>

Can a New DNA Database Help Save This Incredible Sea Turtle?

[https://www.smithsonianmag.com/science-nature/can-new-dna-database-help-save-hawksbill-sea-turtle-180985630/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/science-nature/can-new-dna-database-help-save-hawksbill-sea-turtle-180985630/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Squirrels Are Displaying 'Widespread Carnivorous Behavior' for the First Time in a California Park, New Study Finds

[https://www.smithsonianmag.com/smart-news/squirrels-are-displaying-widespread-carnivorous-behavior-for-the-first-time-in-a-california-park-new-study-finds-180985707/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/squirrels-are-displaying-widespread-carnivorous-behavior-for-the-first-time-in-a-california-park-new-study-finds-180985707/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Scientists Warn of an 'Unprecedented Risk' From Synthetic 'Mirror Life,' Built With a Reverse Version of Natural Proteins and Sugars

[https://www.smithsonianmag.com/smart-news/scientists-warn-of-an-unprecedented-risk-from-synthetic-mirror-life-built-with-a-reverse-version-of-natural-proteins-and-sugars-180985670/?utm\\_source=smithsonian-weekender&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/smart-news/scientists-warn-of-an-unprecedented-risk-from-synthetic-mirror-life-built-with-a-reverse-version-of-natural-proteins-and-sugars-180985670/?utm_source=smithsonian-weekender&utm_medium=email&utm_campaign=editorial&lctg=98054053)

Jimmy Carter Worked to Eradicate the Vicious Guinea Worm Parasite, Slashing Cases by the Millions

[https://www.smithsonianmag.com/smart-news/jimmy-carter-worked-to-eradicate-the-vicious-guinea-worm-parasite-slashing-cases-by-the-millions-180985791/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&spMailingID=50591051&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860977125&spReportId=Mjq2MDk3NzEyNQs2](https://www.smithsonianmag.com/smart-news/jimmy-carter-worked-to-eradicate-the-vicious-guinea-worm-parasite-slashing-cases-by-the-millions-180985791/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailingID=50591051&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2860977125&spReportId=Mjq2MDk3NzEyNQs2)

Why Is Every Human Being Riddled With Genetic Errors?

[https://www.smithsonianmag.com/science-nature/why-is-every-human-being-riddled-with-genetic-errors-180985825/?utm\\_source=smithsoniandaily&utm\\_medium=email&utm\\_campaign=editorial&lctg=98054053](https://www.smithsonianmag.com/science-nature/why-is-every-human-being-riddled-with-genetic-errors-180985825/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053)

AI chatbot deployed to target drug resistance

[https://www.scidev.net/global/news/ai-chatbot-deployed-to-target-drug-resistance/?utm\\_source=SciDev.Net&utm\\_medium=email&utm\\_campaign=14837654\\_2025-01-13%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm\\_i=1SCG,8U0T2,V1AOM,10R181,1](https://www.scidev.net/global/news/ai-chatbot-deployed-to-target-drug-resistance/?utm_source=SciDev.Net&utm_medium=email&utm_campaign=14837654_2025-01-13%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm_i=1SCG,8U0T2,V1AOM,10R181,1)

## Other

2 Oregon men die from exposure in a forest after they went out to look for Sasquatch

[https://www.cnn.com/2024/12/29/us/washington-forest-death-sasquatch/index.html?Date=20241229&Profile=CNN&utm\\_content=1735497004&utm\\_medium=social&utm\\_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR1qk5ZG17iXCgic1WD8Bv4tCTtp2eHcXIaSq5KyxUVRuaWWjr\\_vhhuLNWo\\_aem\\_HR2hrtiTdr0fI01ijFD3Hg&sfnsn=mo](https://www.cnn.com/2024/12/29/us/washington-forest-death-sasquatch/index.html?Date=20241229&Profile=CNN&utm_content=1735497004&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR1qk5ZG17iXCgic1WD8Bv4tCTtp2eHcXIaSq5KyxUVRuaWWjr_vhhuLNWo_aem_HR2hrtiTdr0fI01ijFD3Hg&sfnsn=mo)

## Additional Informational

Information on the SAA Phishing Email Attack

<https://www.saa.org/quick-nav/saa-media-room/saa-news/2024/10/02/information-on-saa-phishing-email-attack>

China Makes Progress on Its Fifth Antarctic Research Station

<https://www.csis.org/analysis/china-makes-progress-its-fifth-antarctic-research-station>

Indus Seals and Glyptic Studies: An Overview

[https://live-harappacom.pantheonsite.io/content/indus-seals-and-glyptic-studies-overview?fbclid=IwY2xjawHYWfRleHRuA2FibQIxMQABHRijZWu8Rx1g84eqXwiK7y6SLb07jnkgy4LkouwTmbFOhZVGK9eeP9b6Hg\\_aem\\_pyALjc-R1hXOmGdRT0xe5A](https://live-harappacom.pantheonsite.io/content/indus-seals-and-glyptic-studies-overview?fbclid=IwY2xjawHYWfRleHRuA2FibQIxMQABHRijZWu8Rx1g84eqXwiK7y6SLb07jnkgy4LkouwTmbFOhZVGK9eeP9b6Hg_aem_pyALjc-R1hXOmGdRT0xe5A)

International Council of Museums Red Lists Database

<https://icom.museum/en/resources/red-lists/>

Controversial Monuments Around the World

<https://worldheritageusa.org/controversial-monuments-around-the-world/>

ALIPH: 50 new projects... and a change of name

[https://www.aliph-foundation.org/storage/wsm\\_presse/wuvDXZsuXyEBACbAKLqntSHqUWIFFV8dWTBiODxL.pdf](https://www.aliph-foundation.org/storage/wsm_presse/wuvDXZsuXyEBACbAKLqntSHqUWIFFV8dWTBiODxL.pdf)

A Pair of Technologies Sheds New Light on Jubilees Palimpsest

<https://www.neh.gov/humanities/2015/julyaugust/curio/pair-technologies-sheds-new-light-jubilees-palimpsest>

Identification of more than 40 gravitationally magnified stars in a galaxy at redshift 0.725

<https://www.nature.com/articles/s41550-024-02432-3>

President Biden Announces Recipients of the Presidential Medal of Freedom

<https://www.whitehouse.gov/briefing-room/statements-releases/2025/01/04/president-biden-announces-recipients-of-the-presidential-medal-of-freedom-3/>

Newly discovered 'kiss and capture' mechanism explains the formation of Pluto and its largest moon

<https://news.arizona.edu/news/newly-discovered-kiss-and-capture-mechanism-explains-formation-pluto-and-its-largest-moon>

After Receiving Medals of Honor at White House, 7 Soldiers Inducted Into Pentagon Hall of Heroes

<https://www.defense.gov/News/News-Stories/Article/Article/4021608/after-receiving-medals-of-honor-at-white-house-7-soldiers-inducted-into-pentago/>

Fire Comes Dangerously Close to the Getty Center and Villa—How It Built a Fire-Resistant Fortress for Its Art

[https://www.realtor.com/news/trends/palisades-fire-california-getty-center-villa-artwork-at-museum/?CID=soc\\_facebook\\_realtor.com\\_social\\_soc\\_fy25\\_consumer&fbclid=IwY2xjawHyHh9leHRuA2FibQIxMAABHbNF\\_VA7MHW7GcBxcL2oKwXiJ4OfebZE\\_IQ11EPCnOR40jOETmEk1dU\\_P1A\\_aem\\_sDaeD9Qjvds-tD7aV5-ZfA](https://www.realtor.com/news/trends/palisades-fire-california-getty-center-villa-artwork-at-museum/?CID=soc_facebook_realtor.com_social_soc_fy25_consumer&fbclid=IwY2xjawHyHh9leHRuA2FibQIxMAABHbNF_VA7MHW7GcBxcL2oKwXiJ4OfebZE_IQ11EPCnOR40jOETmEk1dU_P1A_aem_sDaeD9Qjvds-tD7aV5-ZfA)

How a Natural History Museum Created a Pop-Up Experience in a Mall

[https://www.museumnext.com/article/how-a-natural-history-museum-a-pop-up-experience-in-a-mall/?fbclid=IwY2xjawHzRYdleHRuA2FibQlxMAABHfp\\_Xg7MEsYarIqDk9eavljpZLWlvj\\_uJ9Q68oPgtZQJuErVM-XJ5OqfCg\\_aem\\_pm1Lnd0-IGF8IBJKJGSZnQ](https://www.museumnext.com/article/how-a-natural-history-museum-a-pop-up-experience-in-a-mall/?fbclid=IwY2xjawHzRYdleHRuA2FibQlxMAABHfp_Xg7MEsYarIqDk9eavljpZLWlvj_uJ9Q68oPgtZQJuErVM-XJ5OqfCg_aem_pm1Lnd0-IGF8IBJKJGSZnQ)

Free Our Feeds Campaign

<https://freeourfeeds.com/>

Global Risks Report 2025

<https://www.weforum.org/publications/global-risks-report-2025/>

Possible new ancient human species uncovered by UH scientist

<https://www.hawaii.edu/news/2024/11/27/homo-juluensis-nature-communications/#:~:text=A%20University%20of%20Hawai%CA%BBi%20researcher,histories%20are%20still%20being%20uncovered.>

First Person History: Sam Mihara on Internment

[https://www.neh.gov/article/first-person-history-sam-mihara-internment?utm\\_medium=email&utm\\_source=govdelivery](https://www.neh.gov/article/first-person-history-sam-mihara-internment?utm_medium=email&utm_source=govdelivery)

A Science and Technology Vision for WMO

<https://wmo.int/media/magazine-article/science-and-technology-vision-wmo>

Could the U.S. Navy Fleet of the Mid-21st Century Include Large Uncrewed Vehicles?

[https://www.rand.org/pubs/perspectives/PEA2854-1.html?utm\\_medium=rand\\_social&utm\\_source=bluesky](https://www.rand.org/pubs/perspectives/PEA2854-1.html?utm_medium=rand_social&utm_source=bluesky)

Tulsa Race Massacre Report

<https://www.justice.gov/crt/media/1383756/dl>

Climate Myth Debunking for Broadcast Meteorologists Guide

<https://www.climatechangecommunication.org/all/climate-myth-debunking-for-broadcast-meteorologists/>

Impact of First Nations and Value of Your Support Webinar, Jan 14

<https://host.nxt.blackbaud.com/registration-form/?formId=dfa309d3-956d-4233-9296-591837ba2bd2&envId=p-pck9Q6QNPEiuBt3JmyTokQ&zone=usa>

All Aboard the AI Train and More Tech Adventures Webinar, Jan 14

[https://us06web.zoom.us/webinar/register/WN\\_wwauhXKNtpWN8HmDV5XLwA#/registration](https://us06web.zoom.us/webinar/register/WN_wwauhXKNtpWN8HmDV5XLwA#/registration)

Fifth National Climate Assessment: Resources and Interactive Atlas Webinar, Jan 15

[https://usepa.zoomgov.com/webinar/register/WN\\_vY-oi3G2Sxyg4unr4Qqr5w#/registration](https://usepa.zoomgov.com/webinar/register/WN_vY-oi3G2Sxyg4unr4Qqr5w#/registration)

Ocean Encounters: Ice! Insights from frozen frontiers on Earth and beyond Webinar, Jan 22

[https://whoi-edu.zoom.us/webinar/register/WN\\_VjzTmhO-T2SGK-uwGjY7KA?utm\\_campaign=5321000-Season%20%20Ocean%20Encounters&utm\\_medium=email&hsenc=p2ANqtz-55M8WQBXdAoQKjPisOCWRUN8Gcyv\\_hxT29tpTnVSol-DUI65lpuzq0CZigRSdvnG3IH9X3Y0DMidpizRP009ADEhdLItUe9Z\\_9NFISJ0ycJUTvNo&hsmi=341586992&utm\\_content=341586992&utm\\_source=hs\\_email#/registration](https://whoi-edu.zoom.us/webinar/register/WN_VjzTmhO-T2SGK-uwGjY7KA?utm_campaign=5321000-Season%20%20Ocean%20Encounters&utm_medium=email&hsenc=p2ANqtz-55M8WQBXdAoQKjPisOCWRUN8Gcyv_hxT29tpTnVSol-DUI65lpuzq0CZigRSdvnG3IH9X3Y0DMidpizRP009ADEhdLItUe9Z_9NFISJ0ycJUTvNo&hsmi=341586992&utm_content=341586992&utm_source=hs_email#/registration)

Data for an Uncertain Future Webinar, Jan 23

<https://www.aam-us.org/event/data-for-an-uncertain-future/>