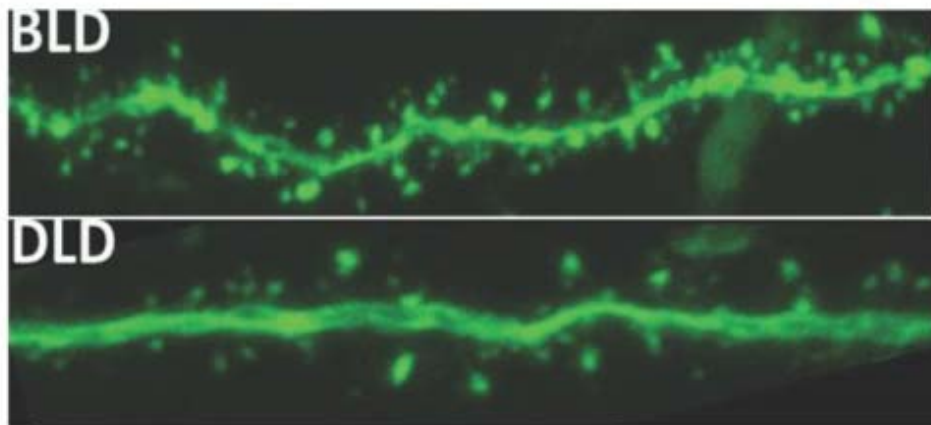


“Does dim light make us dumber?”

Date: February 5, 2018

Source: Michigan State University

Summary: Spending too much time in dimly lit rooms and offices may actually change the brain's structure and hurt one's ability to remember and learn, indicates groundbreaking research by neuroscientists.



Nile grass rats exposed to dim lights (DLD) for four weeks experienced, on average, a 30 percent decrease in the number of 'dendritic spine' connections in their brains, which are the tiny protrusions near the solid green line, a dendrite. These rats performed poorly on a maze-like task. Rats exposed to bright light (BLD), on the other hand, had many more of the dendritic connections and showed superior performance on the task.

Credit: Michigan State University

“Spending too much time in dimly lit rooms and offices may actually change the brain’s structure and hurt one’s ability to remember and learn, indicates groundbreaking research by Michigan State University neuroscientists.”

[Read the entire article online at sciencedaily.com](http://www.sciencedaily.com).

Link submitted by Frieda Nelson

“The Therapeutic Power of Vocal Sound”



How vocal sound positively affects every cell in our body and the cells of people in close proximity

“The human voice has the power to fill a concert hall, without a microphone; the power to promote healing in ourselves and others; the power to transform thoughts and feelings into words and sounds to inspire others. The human voice also has the power to leave this Earthly realm and travel to the stars, as you will soon read.”

[Read the full article by John Stuart Reid posted online February 8, 2018 at greenmedinfo.com](#)

link submitted by Ted Staver

“Seeing Inside the Sun”



“Dr. Robert Stein, professor of Physics and Astronomy at Michigan State University has long envisioned a day when he could use supercomputer programs to ‘see’ through the roiling surface of the sun and glimpse its dynamic interior. He describes his quest and offers ideas about what drives the violent outbursts known as coronal mass ejections, or CMEs, known to disrupt the electrical systems that power our civilization.”

< [Watch the entire talk posted February 5, 2018 on YouTube \(9:54\)](#) >

Link submitted by Stephan Fuelling

“Stellar corpse sheds light on origin of cosmic rays”

This composite image of the Crab Nebula was assembled with arbitrary color scaling by combining data from five telescopes spanning nearly the

entire electromagnetic spectrum: the radio emission representing the wind of charged particles from the central neutron star in red (from the Karl G. Jansky Very Large Array), the infrared including the glow of dust particles absorbing ultraviolet and visible light in yellow (from the Spitzer Space Telescope), the visible-light image featuring the hot filamentary structures in green (from the Hubble Space Telescope), the ultraviolet image in blue and the X-ray image in purple showing the effect of an energetic cloud of electrons (from the XMM-Newton Observatory and the Chandra X-ray Observatory).

Credit: NASA / ESA / NRAO / AUI / NSF and G. Dubner (University of Buenos Aires)

The origin of cosmic rays, high-energy particles from outer space constantly impacting on Earth, is among the most challenging open questions in astrophysics. Now new research published in the journal *Monthly Notices of the Royal Astronomical Society* sheds new light on the origin of those energetic particles.

“Discovered more than 100 years ago and considered a potential health risk to airplane crews and astronauts, cosmic rays are believed to be produced by shock waves – for example, those resulting from supernova explosions. The most energetic cosmic rays streaking across the universe carry 10 to 100 million

times the energy generated by particle colliders such as the Large Hadron Collider at CERN.

“The Crab Nebula, the remnant of a supernova explosion that was observed almost 1,000 years ago in A.D. 1054, is one of the best-studied objects in the history of astronomy and a known source of cosmic rays. It emits radiation across the entire electromagnetic spectrum, from gamma rays, ultraviolet and visible light, to infrared and radio waves. Most of what we see comes from very energetic particles (electrons), and astrophysicists can construct detailed models to try to reproduce the radiation that these particles emit.

“The new study, by Federico Fraschetti at the University of Arizona, USA, and Martin Pohl at the University of Potsdam, Germany, reveals that the electromagnetic radiation streaming from the Crab Nebula may originate in a different way than scientists have traditionally thought: The entire zoo of radiation can potentially be unified and arise from a single population of electrons, a hypothesis previously deemed impossible.”

[Read the entire article posted September 4, 2017 at sciencedaily.com](#)

link submitted by Frieda Nelson

“ ‘Megalopolis’ of 60,000 Ancient Mayan Structures Found”



“Archaeologists in Guatemala have uncovered an unprecedented network of 60,000 ancient Mayan features such as palaces and elevated highways, according to an exclusive report by National Geographic. The discovery is being called a ‘megalopolis,’ and suggests that we’ve been vastly underestimating the sophistication of the Mayan civilization at the height of its power 1,200 years ago.

“Researchers owe the breakthrough to the cutting-edge remote sensing method Light Detection and Ranging, better known as LiDAR. Usually taken aerially, LiDAR recordings channel light into laser pulses that measure the distance from the air down to a given point on the surface of the Earth, according to the National Oceanic and Atmospheric Administration.”

[Read the entire article online at msn.com.](#)

[Read a second article on the discovery and go through a](#)

[gallery of the actual LiDAR images with captions at
nationalgeographic.com.](#) >

link submitted by Gene Savoy Jr.

“Study provides evidence for externally powered Sun”

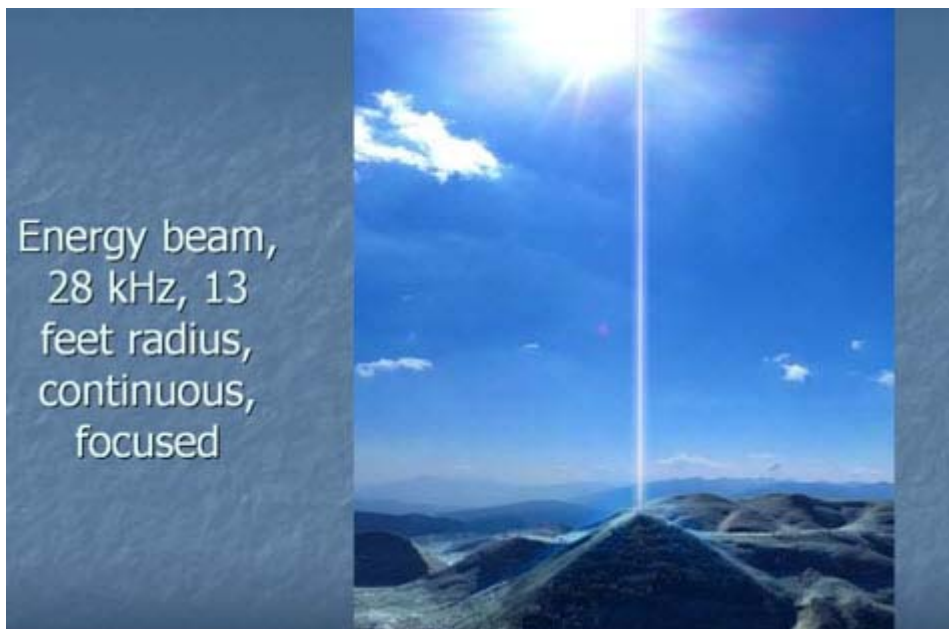


“A new study published in the International Journal of Current Research provides evidence for an externally powered Sun, challenging the concepts of the Standard Solar Model (SSM). The study suggests our star is not an isolated celestial body, but rather it is linked permanently to the Universe, not only to our galaxy.”

[Read the entire article posted by Jamal S. Shrair on August 01, 2017 on watchers.news](#)

link submitted by Robert Petrovich

“What is the Purpose of Active Pyramids?”



Evidence exists of ancient civilizations with advanced technology that changes the common view of humankind's recorded history. This examination of the age of Pyramid

structures across the earth by Dr. Sam Osmanagich, project leader for excavation and exploration of the Bosnian pyramid of the sun, reveals that they were built by advanced civilizations from over 29,000 years ago.

Evidence of advanced Homo-sapiens has been suppressed or ignored by the scientific establishment because it contradicts the current views of human origins and does not agree with the dominant paradigm. The results presented in this talk indicate that advanced civilizations of humans were present all across the globe at that same remote time in history.

[Watch the full-length lecture by Dr. Sam Osmanagich on YouTube \(2:47:05\)](#)

link submitted by Frieda Nelson

“The 100 Most Amazing Space Photos of 2017”



The arc of the Milky Way lights up the sky over Zabriskie Point in California's Death Valley National Park in a panoramic photograph captured by veteran astrophotographer Miguel Claro.

[See the entire gallery posted by Space.com staff writer Hanneke Weitering on December 20, 2017](#)

link submitted by Frieda Nelson

“THE JORDANIAN LEAD BOOKS:

What Do They Say?"



Image courtesy of David Neill

In this video, scholars from the Centre for the Study of the Jordanian Lead Books translate the enigmatic script in the lead books found in Jordan. Members of the Centre present the facts about and possibilities for interpretation of the Jordanian lead books.

For more information on the lead codices discovered in Jordan earlier this century, see the Community Communique article [“Early Religious Archeology: An Easter Enigma”](#) posted in 2011 and [this 2013 article by Centre chairman Margaret Barker](#).

[Watch the video “THE JORDANIAN LEAD BOOKS: What Do They Say?” on YouTube \(20:39\)](#)

Visit the web site of the Centre for the Study of the Jordanian Lead Books (<http://www.leadbookcentre.com/>) for more information on the center’s findings.

The Centre for the Study of the Jordanian Lead Books was launched in St Ethelburga’s Church, London on March 17th 2015. The Centre promotes awareness of the lead books and the need to protect and preserve them, and supports scholars who are working on the texts, providing a forum for discussion. The Centre is a not for profit company limited by guarantee under English Law, no. 9705928, incorporated on July 28th 2015.

link submitted by Robert DeFord

“How the Sun Illuminates Spanish Missions On the Winter Solstice”



The 2007 midwinter solstice illumination of the main altar tabernacle of Old Mission San Juan Bautista, California. (Rubén G. Mendoza/Ancient Editions, CC BY-ND)

Today, the rising sun shines on altars and other religious objects at many Spanish churches in the U.S. and Latin America.

“On Thursday, Dec. 21, nations in the Northern Hemisphere will mark the winter solstice – the shortest day and longest night of the year. For thousands of years people have marked this event with rituals and celebrations to signal the rebirth of the sun and its victory over darkness.

“At hundreds, and perhaps thousands, of missions stretching from northern California to Peru, the winter solstice sun triggers an extraordinarily rare and fascinating event – something that I discovered by accident and first documented in one California church nearly 20 years ago.

“At dawn on Dec. 21, a sunbeam enters each of these churches and bathes an important religious object, altar, crucifix or saint’s statue in brilliant light. On the darkest day of the year, these illuminations conveyed to native converts the rebirth of light, life and hope in the coming of the Messiah. Largely unknown for centuries, this recent discovery has sparked international interest in both religious and scientific circles. At missions that are documented illumination sites, congregants and Amerindian descendants now gather to honor the sun in the church on the holiest days of the Catholic liturgy with songs, chants and drumming.”

[Read the entire article by Rubén G. Mendoza posted online at Smithsonian.com on December 21, 2017.](#)

link submitted by Stephan Fuelling