

Weekly Science Report
April 10, 2015

“Our challenge is to find the compassion for others that we want them to have for us.”

Sally Kohn

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Introduction

I created this publication with the support of Graham Hancock and John Anthony West to share news and information on various disciplines to include paleontology, space sciences, genetics and archaeology. My goal behind sharing this publication has always been very simple, by sharing knowledge we can make our world a better place. Since the beginning of the internet age we have always heard of the world being drawn together but through my investigations I've never found a publication like the Weekly Science Report. This publication is my contribution to bring people together and share ideas and discoveries with my fellow man.

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

Steve Detwiler

News Articles

Paleontology, Evolution and Prehistoric Studies

Altamira must be closed to visitors, Spanish scientists tell Unesco
http://elpais.com/elpais/2015/03/23/inenglish/1427122533_376325.html

France creates replica cave for spectacular prehistoric art
<http://www.bbc.com/news/world-europe-32248963>

Oldest Neanderthal DNA Found in Italian Skeleton
<http://news.yahoo.com/oldest-neanderthal-dna-found-italian-skeleton-220615896.html>

New DNA Analysis Shows Ancient Humans Interbred with Denisovans
<http://www.scientificamerican.com/article/denisovan-genome/>

Real Paleo, Kennewick Man, Ate Mostly Seafood
http://news.discovery.com/human/evolution/real-paleo-kennewick-man-ate-mostly-seafood-150403.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

'Extinct' No Longer? Brontosaurus May Make a Comeback
<http://news.yahoo.com/extinct-no-longer-brontosaurus-may-comeback-115118481.html>

Was "Earliest Musical Instrument" Just a Chewed-Up Bone?
<http://news.nationalgeographic.com/2015/03/150331-neanderthals-music-oldest-instrument-bones-flutes-archaeology-science/>

History

Timbuktu's Djinguereber mosque

<http://www.theguardian.com/cities/2015/mar/27/timbuktu-djinguereber-mosque-history-cities-buildings>

AP WAS THERE: 150 years ago, Lee surrenders to Grant

<http://bigstory.ap.org/article/f191576672e4412cae8186a8985d0e5e/ap-was-there-150-years-ago-lee-surrenders-grant>

Watch the 1000-year-old dance tradition nearly killed by the Khmer Rouge

<http://www.pbs.org/newshour/art/watch-the-1000-year-old-dance-tradition-nearly-killed-by-the-khmer-rouge/>

Obama urged to recognize Armenian genocide as 100th anniversary nears

<http://www.latimes.com/nation/politics/la-na-armenian-resolution-20150410-story.html>

Explosive Protests: U.S. Bombings during 'Days of Rage'

http://www.npr.org/2015/04/05/396359930/explosive-protests-u-s-bombings-during-days-of-rage?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20150405

After decades of silence, White House domestic staff shares stories in new book

http://www.washingtonpost.com/lifestyle/style/after-decades-of-silence-white-house-domestic-staff-share-stories-in-new-book/2015/04/06/550a28bc-d979-11e4-b3f2-607bd612aeac_story.html?tid=sm_fb

Hawaiian leader seeks construction pause at sacred summit

http://www.pulse.me/ap/be39f2ab7dda4c8e9ddd2f25d9fe5ee0?utm_medium=referral&utm_source=pulsenews

Exploited By France's Far Right, Joan Of Arc Reborn As Icon For All

http://www.worldcrunch.com/rss/culture-society/exploited-by-france-039-s-far-right-joan-of-arc-reborn-as-icon-for-all/history-museum-kingdom-hundred-year-039-s-war-heretic-national-front/c3s18445/?utm_medium=referral&utm_source=pulsenews#.VSUdI2dOUdU

The man who missed killing Hitler by 13 minutes

http://www.bbc.com/news/magazine-32160816?utm_medium=referral&utm_source=pulsenews

Pope Tells Catholics at Easter Vigil: Seek Truth, Beauty and Love

<http://www.nbcnews.com/news/religion/pope-tells-catholics-easter-vigil-seek-truth-beauty-love-n335806>

Charlie Chaplin divorce papers found: Teen wife claims he made 'degrading' sexual demands

http://www.foxnews.com/entertainment/2015/04/02/charlie-chaplin-divorce-papers-found-teen-wife-claims-made-degrading-sexual/?cmpid=app_pulse&utm_medium=referral&utm_source=pulsenews

Vikings 'were warned to avoid Scotland'

<http://www.telegraph.co.uk/travel/travelnews/6212823/Vikings-were-warned-to-avoid-Scotland.html>

Archaeology

ISIS Damages Iraq's Hatra Archaeological Site in Purported Video

<http://www.nbcnews.com/storyline/isis-terror/video-purports-show-isis-militants-damaging-iraqs-hatra-archaeological-site-n335676>

WWI graffiti sheds light on soldiers' experience

<http://news.yahoo.com/wwi-graffiti-sheds-light-soldiers-experience-091037789.html>

Is this hillside hiding the world's oldest pyramid? Ancient structure in Indonesia could be up to 20,000 years old

<http://www.dailymail.co.uk/sciencetech/article-3021547/Is-hillside-hiding-world-s-oldest-pyramid-Ancient-structure-Indonesia-20-000-years-old.html>

Lima considers refurbishing pre-Inca structures to help minimize drought impacts

<http://www.eenews.net/stories/1060016409>

New radio carbon dating technique will revolutionise field archaeology

<http://news.liv.ac.uk/2015/04/02/new-radio-carbon-dating-technique-will-revolutionise-field-archaeology/>

Why We Have a Civic Responsibility to Protect Cultural Treasures During Wartime

<http://www.smithsonianmag.com/smithsonian-institution/why-we-have-civic-responsibility-protect-cultural-treasures-during-wartime-180954887/?no-ist>

Geologist Revives the Controversy Over 'Jesus Family Tomb'

<http://www.nbcnews.com/science/science-news/geologist-revives-controversy-over-jesus-tomb-n336251>

Harar unchanged: Inside Ethiopia's timeless city of mosques

<http://edition.cnn.com/2015/04/05/travel/ethiopia-harar-city-of-mosques/index.html>

10 of the best ancient ruins ... that you've probably never heard of

http://www.theguardian.com/travel/2015/apr/06/10-best-ancient-ruins-cambodia-peru-china-italy?CMP=fb_gu

At Jordan site, drone offers glimpse of antiquities looting

http://www.pulse.me/ap/143eab25c9a54707b247d497e94cb4af?utm_medium=referral&utm_source=pulsenews

Islamic State Destruction Renews Debate Over Repatriation of Antiquities

http://mobile.nytimes.com/2015/03/31/arts/design/islamic-state-destruction-renews-debate-over-repatriation-of-antiquities.html?_r=1&referrer=

ISIS Damages Iraq's Hatra Archaeological Site in Purported Video

<http://www.nbcnews.com/storyline/isis-terror/video-purports-show-isis-militants-damaging-iraqs-hatra-archaeological-site-n335676>

Runcorn medieval marvel at heart of pioneering research to slash radiocarbon-dating results wait to two days

<http://www.liverpoolecho.co.uk/in-your-area/runcorn-medieval-marvel-heart-pioneering-8957966>

Artifacts lost in shipwreck 191 years ago returned to Hawaii

<http://www.msn.com/en-us/news/us/artifacts-lost-in-shipwreck-191-years-ago-returned-to-hawaii/ar-AAaCHxy?ocid=LENDHP>

The Minoans of Crete

<http://archaeology.org/issues/174-1505/features/3145-crete-minoans-gournia-excavations>

Egyptology

Antiquities Ministry to protect Abydos Temple from groundwater

<http://www.egyptindependent.com/news/antiquities-ministry-protect-abydos-temple-groundwater>

The forgotten pyramids of Sudan

<http://www.aljazeera.com/indepth/inpictures/2015/04/forgotten-pyramids-sudan-150405062541595.html>

Newfound scarabs highlight the pharaohs' military, cultural sway in ancient Canaan

<http://www.timesofisrael.com/newfound-scarabs-tell-story-of-canaan-under-the-pharaohs/>

General Science

F-16 fighter jet flies with empty cockpit

<http://www.cnn.com/videos/us/2015/04/03/f-16-remote-controlled-fighter-jet-qf--16-orig.cnn-boeing?sr=fb040415AirForce5pVOdLink>

The Navy Is Designing a Drone That Flies and Swims

http://blogs.discovermagazine.com/drone360/2015/04/02/the-navy-is-designing-a-drone-that-flies-and-swims/?utm_medium=referral&utm_source=pulsenews

DARPA's Plan to Overwhelm Enemies With Swarming Drones

http://blogs.discovermagazine.com/drone360/2015/04/06/darpas-swarming-drones/?utm_medium=referral&utm_source=pulsenews

MIT Researchers 3D-Print Body Armor Inspired By Fish Scales

http://www.popsci.com/mit-researchers-3d-print-fish-inspired-body-armor?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Poland Developing Liquid Body Armor

http://www.popsci.com/poland-develops-bulletproof-liquid-armor?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Watch Italian Robots Destroy Underwater WWII Explosives

http://www.popsci.com/italian-robots-destroy-wwii-underwater-explosives?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

South Korea Gets Ready For Drone-On-Drone Warfare with North Korea

http://www.popsci.com/south-korea-gets-ready-drone-drone-warfare?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

To Build Multitasking Robots, Mimic the Human Brain

http://www.popsci.com/build-multitasking-robots-ai-mimic-human-brain?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Drones Could Carry Blood to Critically Injured Patients

http://www.popsci.com/drones-carry-blood-critically-injured-patients?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

A UCF nanotech researcher and his team have developed an innovative supercapacitor that could change electronics forever

<http://www.ucf.edu/pegasus/charged-up/>

Physics, Earth and Space Sciences

Physicists first to create new molecule with record-setting dipole moment

<http://phys.org/news/2015-04-physicists-molecule-record-setting-dipole-moment.html>

'Definite Evidence' Of Alien Life within 20-30 Years, NASA Chief Scientist Says

<http://www.npr.org/blogs/thetwo-way/2015/04/08/398322381/definite-evidence-of-alien-life-within-20-30-years-nasa-chief-scientist-says?sc=17%3Ff%3D1001>

Are Aliens Behind Mysterious Radio Bursts? Scientists Weigh In

http://www.huffingtonpost.com/2015/04/02/radio-bursts-alien-signals_n_6984870.html?ncid=fbklnkushpmsg00000063

Large Hadron Collider successfully restarts with potential particle smashing power doubled

<http://www.abc.net.au/news/2015-04-06/hadron-collider-successfully-restarts/6372158>

Aliens Are Enormous, Science Suggests

<http://www.msn.com/en-us/news/technology/aliens-are-enormous-science-suggests/ar-AAasMEA>

VASIMR Rocket Could Send Humans to Mars in Just 39 Days

http://www.huffingtonpost.com/2015/04/06/vasimr-rocket-mars_n_7009118.html?ncid=txtlnkusaolp00000592

Time machine remains his obsession to see late dad

http://www.washingtonpost.com/national/health-science/heres-a-physicist-whose-lifework-is-making-time-travel-real/2015/04/06/1486dcd4-d4ad-11e4-a62f-ee745911a4ff_story.html

The Solar System and Beyond is Awash in Water

<http://www.nasa.gov/jpl/the-solar-system-and-beyond-is-awash-in-water/?linkId=13381431>

3 Ways to Make a Star on Earth

http://www.popsci.com/here-are-3-ways-make-star?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Environment, Climate Change and Alternative Energy Sources

Drones Used to Spot Poachers from Thousands of Miles Away

http://www.nbcmiami.com/news/national-international/298690011.html?_osource=SocialFlowFB_MIBrand

Microbes Are Partly To Blame For Arctic's Melting Permafrost

http://www.popsci.com/microbes-arctic-are-heating-permafrost-1?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Tired of recharging? New aluminum battery fills up in under a minute

http://www.csmonitor.com/Technology/2015/0407/Tired-of-recharging-New-aluminum-battery-fills-up-in-under-a-minute?utm_medium=referral&utm_source=pulsenews

Why future superpowers will run on super batteries

http://www.csmonitor.com/Environment/Energy/2015/0407/Why-future-superpowers-will-run-on-super-batteries?utm_medium=referral&utm_source=pulsenews

National Parks Act as Living Laboratories

<http://news.nationalgeographic.com/2015/03/150328-national-parks-nps-berkeley-california-conservation-science/>

Clean-up crew prepares to scale Mt. Everest

http://www.upi.com/Top_News/World-News/2015/04/01/Clean-up-crew-prepares-to-scale-Mt-Everest/6871427912476/?utm_medium=referral&utm_source=pulsenews

This Solar-Powered Engine Can Be Made With A 3D Printer

http://www.popsci.com/solar-powered-engine-can-be-made-3d-printer?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Biological, Genetics and Medical Sciences

Antibiotic-Resistant Bacteria Are No Match For Medieval Potion

<http://www.popsoci.com/ancient-medical-remedy-works-against-modern-resistant-bacteria?dom=fb&src=SOC>

Robots help in fight against autism

<http://www.cnn.com/videos/tech/2015/04/02/lead-pkg-foreman-robots-help-fight-autism.cnn?sr=fb040615robotsautism1230pVODVideo>

Did A Soviet Psychiatrist Discover Autism In 1925?

http://blogs.discovermagazine.com/neuroskeptic/2015/04/02/did-soviet-psychiatrist-discover-autism-1925/?utm_medium=referral&utm_source=pulsenews

Work Begins on Brain Stimulator to Correct Memory

<http://www.technologyreview.com/news/536331/work-begins-on-brain-stimulator-to-correct-memory/>

Biosensing Films And Smartphones Let Doctors Diagnose Disease From Anywhere

http://www.popsoci.com/new-smartphone-platform-can-detect-infectious-diseases-anywhere?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Hallucinogenic Ayahuasca Might Treat Depression

<http://www.popsoci.com/hallucinogenic-ayahuasca-could-be-used-treat-depression>

Genetic Engineering, Humankind Creeps Toward A 'Planet Of The Apes'

http://www.worldcrunch.com/rss/opinion-analysis/genetic-engineering-humankind-creeps-toward-a-039-planet-of-the-apes-039-/artificial-intelligence-genetic-engineering-animal-rights-robots-ig/c7s18255/?utm_medium=referral&utm_source=pulsenews#.VSUdJmdOUdU

Other

Making Oxygen Out of Thin Air

http://discovermagazine.com/2015/may/2-making-oxygen-out-of-thin-air?utm_medium=referral&utm_source=pulsenews

Additional Informational

Bible Hunters: Christ's Resurrection, Hidden for Centuries- Video

<http://www.smithsonianchannel.com/videos/christs-resurrection-hidden-for-centuries/29756>

Is the Ozone Layer on the Mend?

<https://www.wmo.int/bulletin/en/content/ozone-layer-mend>