Earth Science Week 2018 Highlights Clippings

Press Releases

American Geosciences Institute
Mountain Xpress
PR.com
Wyoming State Geological Survey

News/Event Listings

8th Street Ale Haus
Alignable
Allevents.in
Best Things Florida
Best Things Georgia
DART Connections
Dickinson
Do512
Downtown Indy
Evensi
EventBrite
Facebook
Falls of the Ohio
Florida Public Archaeology Network
Geological Society of London
Hoo Knows
Indy Arts Guide
Instagram
Ithica Times
Javelinas Collegiate Link
KC STEM Alliance
KPVI News 6
Local News 8
Macaroni Kid
Mitchell South Dakota
Museum of the Rockies
National Park Service
Rosie on the House
Smithsonian National Museum of Natural History
Texas Parks & Wildlife
The Montana Dinosaur Trail
The Ohio Earth Scientist
The Pitch
The State Museum of Pennsylvania
The University of Memphis
Time.ly
University of Oregon - Events
University of Wisconsin, Milwaukee

Web Articles

ABC13
ABC15
AdVantage News
Alton Daily News
American Anthropological Association
American Geophysical Union
Archaeological Institute of America
AAPG Explorer
Bakersfield
Bakersfield Now
Before It's News
Bham Now
Bharath Gyan
Birmingham 365
Bivash Vlogs
Bluff Country Newspaper Group
BoZone
Breaking Belize News
CBS Denver
CHON-FM 98.1
Clay Today
Click 2 Houston
Coast Weekend
Columbus Underground
Commonwealth Heritage Group
County 10
County 17
Culture Map Houston
Delaware Museum of Natural History
Democratic Underground
Digital Journal
Discovery Park of America
DNA Tube
Earth Science Club of Northern Illinois
Earth Science Week Japan in Shizuoka
EducationHQ – Australia
El Paso Herald-Post
Environmental Education in Tennessee
Facebook
Fairbanks Daily News-Miner
Fallon County Times
Filmz Video
Fox10 News
Fox47 News
Geocaching
Geological Society of London – Blog
GeoTripper
GetLink
Global Mining Review
Hays Post
Helena High School
Hernando Sun
Hometown Focus
Hudson Star-Observer
Inside CSUSB
International Heritage News Network
International Palaeontological Association
IVoox
Phoenix New Times
Pinterest
Platte County Record-Times
Providence Daily Dose
Public Library Of Science (PLOS) – Blogs
PuneMirror
Reddit
RiverBender.com
RRSTAR
Rutherford Source
San Jacinto Times
San Jac Watercooler – Employee Newsletter
Santa Barbara Independent
SERC Media
Serendeputy
sNEWSi
Society of Exploration Geophysicists
Southgate Amateur Radio News
Star Tribune–Casper
State Gazette
St Augustine Lighthouse & Maritime Museum
Stillwater News
Super News World
SYS-Con
Tallahassee Democrat
TeachersFirst
Texas Geosciences–The University of Texas at Austin Jackson School of Geosciences
The Bengal
The Brunswick News
The Bulletin
The City of Fargo
The Courier – Glasgow
The Courier – Waterloo-Cedar Falls
The Crimson White
The Daily Camera
The Denver Post
The Gainesville Sun
The Gazette
The Greeneville Sun
The Guardian
The Herald-Dispatch
The Indiana Gazette
The Jamestown Sun
The Kemmerer Gazette
The Knoxville Focus
The Lowell Sun
The Mining Journal
The Missourian
The Newtown Bee
The Northwest Arkansas Democrat-Gazette
The Ocala Star Banner
The Oneida Daily Dispatch
The Paris News
The Pine Log
The Press-Enterprise
The Sand Mountain Reporter
The Stann Creek Regional Archaeology Project
The Sun Times News
The Tribune–India
The University of Tennessee, Knoxville
The Utah Geological Survey
The Villager
Time Scavengers
Topix
TV6 Upper Michigans Source
University of Kentucky
University of Nevada, Reno
University of Wyoming–UW News
UpMatters
VidByte
WDTN.com
Weekly Villager
West Kentucky Star.com
Western Slope Now
WGNS News Radio
WTVG TV
Winona Daily News
WVLT8-TV
YxtMp3.live
ZAWYA
Zulily
Press Releases
American Geosciences Institute

Earth Science Week 2018 Theme Announced: 'Earth as Inspiration'

FOR IMMEDIATE RELEASE
Contact: Geoff Camphire (gac@americangeosciences.org)
December 12, 2017

ALEXANDRIA, Va. – The American Geosciences Institute (AGI) is pleased to announce that the theme of Earth Science Week 2018 will be "Earth as Inspiration." The coming year's event will be October 14-20, 2018, and will emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.

Earth Science Week 2018 learning resources and activities will engage young people and others in exploring the relationship between the arts and Earth systems. The coming year's theme will promote public understanding and stewardship of the planet, especially in terms of the ways art relates to geoscience principles and issues as diverse as energy, climate change, the environment, natural disasters, technology, industry, agriculture, recreation, and the economy.

"A longtime provider of top-quality curricula and teacher training, AGI supports the Next Generation Science Standards, which emphasize what is known as three-dimensional teaching, including introducing students to 'cross-cutting concepts' that help students see connections across the sciences," says Geoff Camphire, AGI's Manager of Outreach. "Through instruction based on these standards, students can find ways to combine the arts, sciences, and other subjects. Such educational strategies find a welcome environment in schools nationwide, where STEAM (Science, Technology, Engineering, Arts, and Mathematics) has become an organizing principle of cross-curricular cooperation among educators and students."

Creativity, problem-solving, and critical-thinking skills are as important to the arts as they are to the Earth sciences. Consider an artist making silk screen prints, for example. The artist thinks in terms of layers added in a specific sequence. This process relies on similar thinking skills to those used by scientists interpreting geological samples, such as cores, trackways, and rock strata. Professional geoscientists themselves innovatively combine sciences such as chemistry, physics, and biology to understand the interactions of Earth systems including the geosphere (earth), hydrosphere (water), atmosphere (air), and biosphere (living things). People of all ages are invited during Earth Science Week 2018 to join in this creative endeavor.

Reaching over 50 million people annually, AGI leads Earth Science Week in cooperation with its sponsors and the geoscience community as a service to the public. Each October, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. Learn more at https://www.earthsciweek.org.

Earth Science Week is supported by many organizations, including the U.S. Geological Survey; the American Association of Petroleum Geologists Foundation; National Park Service; NASA; Society for Mining, Metallurgy and Exploration; Geological Society of America; American Geophysical Union; Association of American State Geologists; AmericaView; Howard Hughes Medical Institute; and Archaeological Institute of America.

###
Open Invitation: Attend Earth Science Week Celebration in Old Town, Alexandria

FOR IMMEDIATE RELEASE
Geoff Campshire (gac@americangeo.org)
December 13, 2017

ALEXANDRIA, Va. – The American Geosciences Institute (AGI) is pleased to welcome educators, students, and the general public to explore connections between the geosciences and the arts during The Late Shift: STEAM-Powered December.

The event, which will kick off the Earth Science Week 2018 theme of "Earth as Inspiration," will include hands-on activities, demonstrations linking art and geoscience, and opportunities to craft "take home" artworks based in Earth science. In addition, educational materials such as Earth Science Week Toolkits will be available for free for teachers, students, homeschoolers, and others to take away.

The event represents an exciting partnership between AGI and The Torpedo Factory, the beginning of a year-long collaboration intended to strengthen education and promote awareness of Earth science. These organizations recognize that creativity, problem-solving, and critical-thinking skills are important to both the arts and the Earth sciences.

The Late Shift: STEAM-Powered December
Friday, December 15, 2017 | 7-11pm
Torpedo Factory Art Center
105 N. Union Street
Alexandria, VA 22314

Free admission, RSVP here!

Reaching over 50 million people annually, AGI leads Earth Science Week in cooperation with its sponsors and the geoscience community as a service to the public. Each October, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. Learn more at www.earthsciweek.org.

Earth Science Week is supported by many organizations, including the U.S. Geological Survey; the American Association of Petroleum Geologists Foundation; National Park Service; NASA; Society for Mining, Metallurgy and Exploration; Geological Society of America; American Geophysical Union; Association of American State Geologists; AmericaView; Howard Hughes Medical Institute; and Archaeological Institute of America.

About AGI

The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

###
AGI Names Sally Jewell as Earth Science Education Ambassador

FOR IMMEDIATE RELEASE
January 10, 2018

ALEXANDRIA, Va. – Sally Jewell, the conservationist, petroleum engineer, former President and CEO of Recreational Equipment, Incorporated (REI), and former U.S. Secretary of the Interior, will serve as a major national spokesperson for the American Geosciences Institute (AGI). The Institute has named Jewell as its Earth Science Education Ambassador; Jewell will highlight the need for strong Earth science instruction throughout K-12 education and will be the principal spokesperson for Earth Science Week 2018 (October 14-20), which will focus on the theme "Earth as Inspiration."

"Throughout Secretary Jewell's distinguished career as an engineer, business executive, and public servant, she has demonstrated an appreciation for the Earth and how people connect to it," said AGI Executive Director Allyson Anderson Book. "And she is a recognized leader, particularly in the area of youth engagement on public lands." As Secretary of the Interior, Jewell launched a four-year initiative to encourage millions of young people to play, learn, serve, and work in America's great outdoors, engaging 51 cities across the nation and leveraging funds from the private sector to support the effort.

An avid outdoor enthusiast, Jewell has climbed Mount Vinson, the tallest mountain in Antarctica, as well as Mont Blanc, Western Europe's highest peak, and has ascended Mount Rainier seven times. Her dedication to creating deep connections between young people and our planet will inform her role as AGI's Earth Science Education Ambassador and makes her an ideal spokesperson for Earth Science Week 2018, which will showcase the visual and performing arts and how artists are inspired by the Earth's natural systems.

Anderson Book concluded, "I believe Secretary Jewell's enthusiasm – for learning about our shared Earth and inspiring children to understand how Earth is intertwined with our lives and culture – is universal, and we at AGI are delighted for the opportunity to work closely with her in the coming year."

About AGI

The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

_The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people._

---

AGI Contact:
Joseph Lilek
jlilek@americangeosciences.org
571.483.5445

###
Kenneth L. Huff to Receive the Roy Award for Excellence in K-8 Earth Science Teaching

FOR IMMEDIATE RELEASE
February 27, 2018

ALEXANDRIA, Va. — Kenneth L. Huff, a sixth grade teacher at Mill Middle School in Williamsville, New York, has been named the 2018 recipient of the Edward C. Roy, Jr. Award for Excellence in K-8 Earth Science Teaching. Huff earned his Master's degree in Education from the State University of New York College at Buffalo and is National Board Certified in Early Adolescence/Science. In addition to teaching, Huff was the co-chair of the Teacher Advisory Council for the National Academies of Science, Engineering, and Medicine.

"Mr. Huff is an exceptionally accomplished earth and space science teacher," said Allyson Anderson Book, Executive Director of the American Geosciences Institute. "His demonstrated strength for connecting his students with professional geoscientists and his thoughtful lesson plans have earned the admiration of his colleagues and national recognition in the teaching community."

Huff will receive the award in March at the National Earth Science Teachers Association (NESTA) Friends of Earth Science Reception during the 2018 National Science Teachers Association Conference in Atlanta. This year's finalists were Anica Brown of Pound Middle School in Lincoln, Nebraska, and Chris Spieg of Montgomery Bell Academy in Nashville, Tennessee.

Given annually, AGI's Edward C. Roy, Jr. Award recognizes one classroom teacher from kindergarten to eighth grade for leadership and innovation in Earth science education. The award is named in honor of Dr. Edward C. Roy, Jr., who was a strong and dedicated supporter of Earth science education. To learn more, please see www.americangeosciences.org/education/awards/roy.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek
jlilek@americangeosciences.org
571.483.3445

###
Participate in Earth Science Week's 2018 Contests

FOR IMMEDIATE RELEASE
May 11, 2018

ALEXANDRIA, Va. – For this year’s Earth Science Week (October 14-20, 2018), the American Geosciences Institute (AGI) is sponsoring four contests honoring this year’s theme, “Earth as Inspiration.” This year’s competitions will feature the traditional video, photography, visual arts, and essay contests:

- Teams and individuals of any age are invited to submit brief videos that tell viewers about artistic expression that stems from the natural world for the video contest, “Earth Expressions.”
- The photography contest, also open to all ages, explores how people are “Inspired by Earth.”
- Open to students in grades K-5, the visual arts contest is titled “Earth and Art.”
- Finally, in grades 6-9 are eligible to enter the essay contest, “Finding ‘Art’ in Earth.”

For all contests, entries may be submitted any time up to the Friday of Earth Science Week, October 19, 2018. These contests allow both students and the general public to participate in the celebration, learn about Earth science, and compete for prizes. The first-place prize for each contest is $300 and a copy of AGI’s Geoscience Handbook.

To learn more about these contests, including how to enter, visit http://www.earthsciweek.org/contests.

Reaching over 50 million people annually, AGI leads Earth Science Week in cooperation with its sponsors and the geoscience community as a service to the public. Each October, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. Learn more at http://www.earthsciweek.org.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Geoff Campfire
gac@americangeosciences.org
(703) 379-2480 ext. 216

###
Earth Science Week 2018 Toolkits Available for Pre-Order

FOR IMMEDIATE RELEASE
June 15, 2018

ALEXANDRIA, Va. — The American Geosciences Institute (AGI) is now accepting advance orders for the Earth Science Week 2018 Toolkit. The Toolkit contains educational materials for all ages that correspond to this year’s event theme, "Earth as Inspiration."

Materials include the traditional program poster and school-year activity calendar, as well as posters, activities, and other resources from distinguished program partners. This year’s Toolkit emphasizes artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.

Earth Science Week (October 14-20, 2018) is an annual event that has been led by AGI along with its sponsors and the greater geoscience community since 1998. The coming year’s theme will emphasize the creativity, problem-solving, and critical-thinking skills -- as important to the arts as to the Earth sciences -- that are demanded by education standards as well as the popular STEAM (Science, Technology, Engineering, Arts, and Mathematics) movement in education.

Each year, community groups, educators, and interested citizens organize celebratory events across the country to educate the public. Activities allow participants to discover the Earth sciences and engage in responsible stewardship of the planet.

Earth Science Week is supported by the U.S. Geological Survey; AAPG Foundation; NASA; National Park Service; AmericaView; American Geophysical Union; Geological Society of America; Association of American State Geologists; Society for Mining, Metallurgy & Exploration; Howard Hughes Medical Institute; Archæological Institute of America; Schlumberger; TGS; Water Footprint Calculator (Grace Communications Foundation); Consumer Energy Education Foundation; Equinor; Keystone Policy Center; TERC; and others.

Copies of the Toolkit are free and available for the cost of shipping and handling ($8.50 for the first kit, $2.25 for each additional kit in the United States). The Toolkit will ship starting in August 2018. Click here to order your kits. For special shipping, bulk orders, and more information about Earth Science Week, visit www.earthsciweek.org or call AGI Publications at (703) 379-2480.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geoscience discipline play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

*The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.*

AGI Contacts:
Geoff Camphire
gac@americangeo.org

Sequoyah McGee
smcgee@americangeo.org
AGI's Earth Science Week Photo Exhibit Comes to Houston

FOR IMMEDIATE RELEASE
June 20, 2018

HOUSTON, Tex. – Earth Science Week, a program of the American Geosciences Institute (AGI), is partnering with George Bush Intercontinental Airport (IAH) in Houston to exhibit more than 20 top photos entered in the celebration’s 2017 photo contest, which recently explored the theme of "Earth and Human Activity Here." These eye-catching photos will be on display in Terminal B of the airport from June 24 through July 26, 2018.

Shutterbugs from far and wide submitted striking photos that captured evidence of human interaction with natural systems including land, water, air, and living things around their communities. Roxie Khalili of Foster City, California, for instance, won first place with her image creatively showing human-built infrastructure surrounding a nearby lagoon and its inhabitants.

The traveling photo display debuted late last year in the heart of the nation’s capital, at Washington, D.C.’s Union Station, one of the country’s busiest train stations. The display also was made available to visitors at Mazza Gallerie, a high-traffic, upscale shopping mall in Washington, D.C., earlier this year. The traveling display is an ongoing program offering, exhibiting photos in high-attendance public spaces nationwide.

The innovation is the brainchild of the ESW@20 Advisory Committee, a panel created in recognition that Earth Science Week had grown over two decades to become the geoscience community’s leading public awareness campaign. The committee of representatives from partner organizations launched the display as a way of celebrating the program’s 20th anniversary and promoting awareness of the importance of the geosciences to society.

Earth Science Week is celebrated each October and reaches more than 50 million people across the country and around the world with information, activities, and educational resources promoting appreciation and understanding of Earth system science. Learn more about Earth Science Week online at www.earthsciweek.org.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek
jlilek@americangeosciences.org
571.483.5445
Fmr. Sec. Sally Jewell Highlights Earth as Inspiration in New AGI Film Series

FOR IMMEDIATE RELEASE
July 23, 2018

"Our world is not unidimensional. Geosciences are linked to everything that we do."

ALEXANDRIA, Va. – The American Geosciences Institute (AGI) is proud to announce a brand new film series, Earth as Inspiration. The series – narrated by AGI Earth Science Education Ambassador and former U.S. Secretary of the Interior Sally Jewell – underscores the importance of Earth science learning and understanding for young and old audiences alike.

In her first engagement as Education Ambassador, Jewell attended the Intel International Science and Engineering Fair (Intel ISEF), the premier scientific conference for pre-college researchers, on May 17, 2018. The first chapter of the new film series highlights student research displayed at the fair, demonstrating a bright future for the geosciences and emphasizing that geoscience permeates all aspects of our lives.

Watch the first chapter of Earth as Inspiration at EarthScienceAmbassador.org.

Intel ISEF is a remarkable example of how the Earth inspires the young generation. This was evident to Jewell from the moment she entered the exhibition hall. "What's amazing about walking into Intel ISEF is just the depth of science and engagement of these students," said Jewell. "They are scientists."

Intel ISEF unites young scientists from more than 75 countries, showcasing their talents on an international stage, where doctoral-level scientists review and judge their work. As part of an ongoing partnership with Intel ISEF, AGI facilitates the review of geoscience-related projects and offers four awards to recognize outstanding geoscience projects.

At the end of the day at Intel ISEF, Jewell congratulated the students on their award-winning projects, emphasizing the importance of fostering curiosity and innovation in the next generation of geoscientists.

"It's all about unlocking the curiosity in the next generation so they can be inspired to think about going into scientific disciplines and actually engage in the process of creating a future that is going to be exciting for them, but also sustainable for our planet," said Jewell.

The next chapter in the AGI Earth as Inspiration series featuring former Sec. Sally Jewell takes her to Houston to talk with teachers participating in AGI's K-5 Teacher Leadership Academy at ExxonMobil's headquarters and to the Houston Museum of Natural Science. That video will be released later this summer.

About AGI

The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek
jlilek@americangeosciences.org
Earth Science Week Geologic Map Day: Celebrate October 19!

FOR IMMEDIATE RELEASE
August 29, 2018

ALEXANDRIA, Va. – Celebrate the seventh annual Geologic Map Day! On Friday, October 19, as a part of Earth Science Week 2018 activities, join leading geoscience organizations in promoting awareness of the importance of geologic mapping to society.

Geologic maps are vital to education, science, business, and public policy concerns. Geologic Map Day will focus the attention of students, teachers, and the general public on the study, uses, and significance of these tools, by engaging audiences through educational activities, print materials, online resources, and public outreach opportunities.

Be sure to check out the Geologic Map Day poster included in this year’s Earth Science Week Toolkit (www.earthsclweek.org/materials). Showing how geologic maps can inspire and inform creativity, the poster provides step-by-step instructions for related classroom activities. Additional resources for learning about geologic maps can be found on the Geologic Map Day web page (www.earthsclweek.org/geologic-map-day).

Geologic Map Day’s organizing partners include the American Geosciences Institute (AGI), the Association of American State Geologists, the U.S. Geological Survey, the National Park Service, the Geological Society of America, and NASA. Focusing on the theme of "Earth as Inspiration," Earth Science Week 2018 is being celebrated October 14-20.

To learn more, please visit www.earthsclweek.org. To order your Toolkits, please visit www.earthsclweek.org/materials. You may also call AGI Publications to place your Earth Science Week Toolkit order at 703-379-2480.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilik
jlilik@americangeosciences.org
571.483.5445
Sally Jewell and Elementary School Teachers Demonstrate Earth as Inspiration in New Film Chapter

FOR IMMEDIATE RELEASE
September 10, 2018

ALEXANDRIA, Va. – The American Geosciences Institute (AGI) is proud to announce the second chapter of its original film series, Earth as Inspiration. The series – narrated by AGI Earth Science Education Ambassador and former U.S. Secretary of the Interior Sally Jewell – underscores the importance of Earth science learning and understanding for young and old audiences alike.

While the first chapter of the film series showcased young people who have a passion for studying the Earth, this next chapter focuses on an equally important part of the educational equation – the teachers who inspire students.

Watch the first and second chapters of Earth as Inspiration at EarthScienceAmbassador.org.

In her second engagement as Education Ambassador, Jewell attended AGI-ExxonMobil K-5 Teacher Leadership Academy in June 2018. Partially funded by ExxonMobil Exploration Company and hosted at the state-of-the-art ExxonMobil headquarters in The Woodlands, Texas, two Earth Science Teacher Leadership Academies are facilitated by AGI each year – one for elementary school teachers and one for middle school teachers. Through this program, AGI now trains nearly 50 educators from across the United States each year, providing participants with instructional and leadership resources, access to research facilities, and inquiry-based hands-on activities.

Jewell joined and participated alongside the group of elementary school teachers, marveling at their unrestrained passion for the science. "Teachers come alive like their elementary school kids will when they do these hands-on experiments that relate to geosciences in the world around them," said Jewell.

Since their launch in 2008, the Teacher Leadership Academies have served nearly 400 elementary and middle school teachers, with this year’s programs uniting educators from 15 states. Now in their 10th year, the Teacher Leadership Academies benefit from AGI's exceptional Earth science curricula and online resources.

"You want your employees to be curious, you want them to think for themselves, you want them to be able to question – to take you to the next level. If that's not unlocked in a child, it's very hard to get back as an adult, so this is important for the future of our economy and the future of our planet," said Jewell.

The next chapter in AGI's Earth as Inspiration series featuring Jewell takes her to New Mexico to join local middle school students for a hands-on field experience at Valles Caldera National Preserve. That video will be released later this year.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek
jlilek@americangeosciences.org
Watch the Latest Webcast to Get Involved with Earth Science Week 2018

FOR IMMEDIATE RELEASE
September 17, 2018

ALEXANDRIA, Va. – Go online today to view a new webcast detailing resources, events, and opportunities available through Earth Science Week, the annual worldwide celebration of the geosciences! Find the "Get Involved: Earth Science Week 2018" webcast online now for viewing at your convenience.

This free webcast, narrated by AGI’s Sequoyah McGee, provides an overview of learning activities, instructional materials, career resources, upcoming events, networking opportunities, contests, videos, and other programs available through Earth Science Week. The tutorial provides a tour of online links and resources for more information.

The roughly eight-minute webcast focuses on Earth Science Week 2018 (October 14-20), which celebrates the theme "Earth as Inspiration." View the webcast online now. In addition, see additional webcasts describing the Earth Science Week contests, special days during the week, and AGI’s geoscience teacher award competition.

Reaching over 50 million people annually, AGI leads Earth Science Week in cooperation with its sponsors and the geoscience community as a service to the public. Each October, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. Learn more at http://www.earthsciweek.org.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

*The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.*

AGI Contact:
Joseph Lilek
jlilek@americangeosciences.org
571.483.5445
Celebrate National Fossil Day in DC and Nationwide

FOR IMMEDIATE RELEASE
October 2, 2018

WASHINGTON, D.C. — On Wednesday, October 3, 2018, the National Mall will be hosting the ultimate fossil and paleontology experience for visitors in the largest celebration of National Fossil Day yet. The American Geosciences Institute (AGI) is proud to celebrate this event, organized by the National Park Service as part of AGI’s Earth Science Week, to promote public awareness and stewardship of fossils.

National Fossil Day gathers scientists, educators, fossil enthusiasts, and the general public across the country at parks, classrooms, museums, and other venues to share their passion and knowledge about ancient life, paleontology, and public fossil resources.

The National Park Service and National Fossil Day Partners from the greater Washington, D.C. area will be hosting a series of activities, fossil displays, interactive demonstrations, and will have fossil themed giveaways for visitors throughout the day. This event will be held from 10 a.m. to 2 p.m. on the pathway between the Smithsonian Castle and the National Museum of Natural History.

This program on the National Mall, free and open to the public, will include a “Fossil Photo Booth” hosted by AGI—see yourself in paleo history! Check out the other exciting partner activities below:

- Be sworn in as a Junior Paleontologist and receive your official junior paleontologist badge by completing the National Park Service’s Junior Paleontologist workbook.
- Search through ancient marine sediments for shark teeth and shells with paleontologists from the Smithsonian Institution Paleobiology Department.
- Compare yourself to Astrodon johnstoni, the largest dinosaur found east of the Mississippi River (and Maryland’s official state dinosaur) and learn about the other creatures it lived with, hosted by the Maryland-National Capitol Park and Planning Commission (M-NCPDC)’s Dinosaur Park in Prince George’s County, Md.
- Take a look at the fossil teeth of Megalodon, the largest shark to ever evolve, and other marine fossils from the Calvert Marine Museum collections.
- Meet paleontology professors and students from George Washington University, the University of Maryland, and Virginia Tech sharing their latest research and discoveries.
- Experience a 3D virtual fossil K-12 educational expedition at the Grand Canyon created by our first National Fossil Day high school partner, Franklin County High School, and Virtual Worlds of Learning.
- While the National Mall event will take place on October 3, National Fossil Day is officially celebrated at various locations nationwide on Wednesday, October 17, 2018. Look for fossil-themed activities and materials in the Earth Science Week 2018 Toolkit.

Reaching over 50 million people annually, Earth Science Week has been led by AGI in cooperation with its sponsors and the geoscience community since 1998. To learn more, please visit www.earths civweek.org. To order your Earth Science Week Toolkits, see http://www.earths civweek.org/materials. You may also call AGI Publications to place your order at 703-379-2480. To learn more about National Fossil Day Visit: https://www.nps.gov/subjects/fossilday/index.htm.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than 260,000 geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and interaction with the environment.
Earth Science Week 2018 Resolution Introduced in the U.S. House of Representatives

FOR IMMEDIATE RELEASE
October 5, 2018

WASHINGTON, DC — Earth Science Week, the worldwide celebration organized annually by the American Geosciences Institute (AGI), was formally recognized in a resolution introduced in the U.S. House of Representatives. The resolution, introduced by Rep. Jared Polis (D-CO), alongside Reps. Barbara Comstock (R-VA), Daniel Lipinski (D-IL), and Ryan Costello (R-PA) would designate the week of October 14-20, 2018, as Earth Science Week.

The resolution reads, in part:

"[...] the Earth sciences provide the basis for mitigating natural hazards such as droughts, earthquakes, fires, floods, coastal erosion, landslides, hurricanes, volcanic eruptions, space weather, and other hazards."

"[...] Earth and space sciences include geologic mapping and remote sensing technologies which provide the foundational knowledge of Earth's natural systems that is integral to the discovery, development, and conservation of natural resources, such as energy, water, and minerals, and to the safe disposal of waste products."

"[...] Earth and space science researchers and educators drive creativity and passion for the science, technology, engineering, and mathematics (STEM) fields among students of all ages through diverse and innovative education and public outreach efforts."

Read the full text of the resolution here.

The theme for Earth Science Week 2018, "Earth as Inspiration," emphasizes artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.

"This resolution demonstrates the importance of engaging young people and others in exploring and understanding our Earth," said AGI Executive Director Allyson Anderson Book. "The arts are a special lens through which to view geoscience — whether it's thinking about the natural processes that formed a beautiful landscape or the sense of wonder you get when you look up into the sky and into the stars."

"We need to do everything possible to get students excited about learning about the sciences — that's why I'm proud to champion top-notch STEAM education for all students," said Polis. "Now more than ever, we have to rely on science as we adapt and attempt to reverse the consequences of climate change. We must challenge ourselves to discover and innovate, as is our American tradition."

Earth Science Week is a nonpartisan educational event that provides learning opportunities and activities to K-12 educators and the general public. Since 1998, Earth Science Week has promoted a better understanding of the role Earth science plays in society. For more information on Earth Science Week, please visit the Earth Science Week website at www.earthsciweek.org.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than a quarter-million geoscientists. Founded in 1948, AGI provides geoscientists with access to scholarly information, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and health of the environment.
Introducing the Earth Science Week Online Toolkit!

FOR IMMEDIATE RELEASE
October 9, 2018

ALEXANDRIA, Va. – For the first time this year, the American Geosciences Institute (AGI) is excited to offer the Earth Science Week Online Toolkit, just in time to celebrate Earth Science Week 2018 (October 14-20), which focuses on the theme of “Earth as Inspiration.”

As a digital complement to our popular Earth Science Week Toolkit, which annually ships to 14,000 teachers and geoscientists, the Online Toolkit provides a curated selection of materials from Earth Science Week Toolkits past and present.

The Online Toolkit currently offers over 30 classroom activities, posters, and calendars, including many of the items that shipped with this year’s Toolkit. Additionally, the Online Toolkit contains resources going back to 2015, as well as several resources that are available exclusively online. Available through the Earth Science Week website, it is easier than ever to find what you’re seeking. The Online Toolkit allows users to filter activities by Earth Science Week theme, disciplinary core idea, and even language.

Check out the Earth Science Week Online Toolkit at https://www.earthsciweek.org/online-toolkit.

Reaching over 50 million people annually, Earth Science Week has been led by AGI in cooperation with its sponsors and the geoscience community since 1998. To learn more, please visit https://www.earthsciweek.org.

Looking for even more Earth science education resources? Check out Education GeoSource, AGI’s revamped database for K-12 Earth science – containing more than 3,500 resources! Go to https://egs.americangeosciences.org.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than a quarter-million geoscientists. Founded in 1948, AGI provides geoscientists with access to scholarly information, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and health of the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek, Communications Manager
jlilek@americangeosciences.org
571.483.5445
Explore the Art of Geoscience Education at the Torpedo Factory

FOR IMMEDIATE RELEASE
October 12, 2018

ALEXANDRIA, Va. – Join hundreds of children and their families at the Torpedo Factory Art Center in Alexandria, Virginia, from noon to 4 p.m. on Saturday, October 13, for Art Safari, an event combining artistic expression and Earth science.

This year, for the first time, scientists affiliated with the American Geosciences Institute (AGI) will work alongside Torpedo Factory artists to help participants understand and appreciate the interplay of art and Earth system science.

Resident and visiting artists will work with geoscientists to lead young visitors in several hands-on creative projects across a variety of media, including clay, papier-mâché, printmaking, and feet painting. Children should wear clothing that can get dirty. All activities are free and most appropriate for children ages 5-11, with some activities requiring parental assistance.

Art Safari takes place on the eve of AGI’s Earth Science Week (October 14-20), an event reaching more than 50 million people worldwide. “Earth as Inspiration” is not only the theme of Earth Science Week 2018, which offers free education resources, information, and activities on earth science and art. “Earth as Inspiration” also is the name of the film series and public awareness campaign currently led by AGI Earth Science Education Ambassador Sally Jewell, former U.S. Secretary of the Interior.

For more information, visit http://torpedofactory.org/event/23rd-annual-art-safari/, email torpedofactory@alexandriava.gov or call 703.746.4570. Torpedo Factory Art Center is located at 105 N. Union Street, Alexandria, VA 22314.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than a quarter-million geoscientists. Founded in 1948, AGI provides geoscientists with access to scholarly information, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and health of the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek, Communications Manager
jlilek@americangeosciences.org
571.483.5445

###
New Earth as Inspiration Chapter Highlights Collaborative Field Experience at Valles Caldera

FOR IMMEDIATE RELEASE
November 2, 2018

“They were in the best classroom there is – the one with no walls.” – Sally Jewell

JEMEZ SPRINGS, N.M. – As featured in a new Earth as Inspiration video released today, the American Geosciences Institute (AGI) and its partners – the Geological Society of America (GSA), the New Mexico Bureau of Geology and Mineral Resources, the National Park Service, Valles Caldera National Preserve, the Pueblo of Jemez, San Diego Riverside Charter School, and Jemez Valley Middle School – joined together in late September to facilitate an outstanding day of outdoor earth science learning. Eighth-grade students from two local schools worked with Earth Science Education Ambassador Sally Jewell and additional geoscientists to explore and understand the structure, deposits, and hazards posed by volcanoes in their own backyard.

In her third engagement as AGI’s Earth Science Education Ambassador, former U.S. Secretary of the Interior Sally Jewell joined this diverse group of partners.

“The scientists that were around us from the State of New Mexico and across the entire United States were teaching these kids how they do their work,” says Jewell in the video. “They were opening their eyes to how much geology is around them and how much they actually rely on it for their daily lives.”

Throughout the day, the students – 35 eighth graders from Jemez Valley Middle School and San Diego Riverside Charter School – became acquainted with the science and learned the basics of geo-hazard mitigation and field safety. For some, it was their first visit to Valles Caldera National Preserve, the site of a spectacular volcanic eruption about 1.25 million years ago, located just a short drive down New Mexico Route 4.

Creating opportunities like this one are at the heart of AGI’s mission to connect Earth, science, and people.

“The earth sciences touch virtually every aspect of our lives, from the goods and services we consume to the issues that shape our civic life,” said AGI Associate Director of Strategic Communications Geoff Camphire. “We are fortunate to have the opportunity to explore the geosciences in unique outdoor experiences like this one, along with Earth Science Education Ambassador Jewell and our partners.”

“It’s all about unlocking the curiosity in the next generation so they can be inspired to think about going into scientific disciplines and actually engage in the process of creating a future that is going to be exciting for them, but also sustainable for our planet,” said Jewell.

Watch the third chapter of Earth as Inspiration here.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than a quarter-million geoscientists. Founded in 1948, AGI provides geoscientists with access to scholarly information, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and health of the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek
jlilek@americangeosciences.org
571.483.5445
Earth Science Week 2019 Theme Announced: 'Geoscience Is for Everyone'

FOR IMMEDIATE RELEASE
November 5, 2018

Geoscience is for everyone. Geoscience is for you.

ALEXANDRIA, Va. – Aligned with ongoing efforts to enhance diversity, equity, inclusion, and accessibility in the sciences, the American Geosciences Institute (AGI) is proud to announce the theme for Earth Science Week 2019: Geoscience Is For Everyone. The next Earth Science Week will be celebrated October 13-19, 2019.

This theme emphasizes both the inclusive potential and the importance of the geosciences in the lives of all people. The theme is meant to encourage individuals of all backgrounds, ages, and abilities to engage with the geosciences, whether that is as a geoscience professional, a hobbyist, or through civic engagement. Because each person has a role in the areas that geoscientists study—including Earth's resources, natural hazards, and understanding the wonder of our environment—geoscience truly is for everyone.

You can study geoscience no matter who, where, or how old you are. The Geoscience Is For Everyone theme offers an opportunity for people of all descriptions to explore studies and careers in geosciences, whether that be by traversing mountaintops, crunching data in a lab, attending a class, or stargazing from a bedroom window. Geoscience can be done anywhere—in the countryside, in the city, or somewhere else—because Earth systems are continually interacting everywhere on the planet. Earth Science Week offers learning opportunities for anyone, any age, anywhere.

Geoscience is for everyone. Geoscience is for you.

Reaching over 50 million people annually, AGI leads Earth Science Week in cooperation with its sponsors and the geoscience community as a service to the public. Each October, community groups, educators, and interested citizens organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth. Learn more at www.earthsciweek.org.

About AGI

The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than a quarter-million geoscientists. Founded in 1948, AGI provides geoscientists with access to scholarly information, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society’s use of resources, resiliency to natural hazards, and health of the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek
jlilek@americangeosciences.org
571.483.5445

###
Earth Science Week 2018 Contest Winners Announced

FOR IMMEDIATE RELEASE
December 6, 2018

ALEXANDRIA, Va. – This year’s Earth Science Week theme was “Earth as Inspiration,” and the American Geosciences Institute (AGI) saw record participation and exceptional submissions in this year’s Earth Science Week contests. Check out the winners and finalists from each category.

Namit Vermekar of Charlotte, N.C., won first place in the visual arts contest with a creative and colorful drawing of two sides (real and imaginary) of Earth. Finalists were Janiru Sumanasiri, Esther Gammill, Saachi Tamboli, and Abhiraj Das. Students in grades K-5 made two-dimensional artworks illustrating the theme “Earth and Art.”

Matt Meisenheimer of Janesville, Wis., won first place in the photo contest with an image of Kalalau Valley in Kauai, Hawaii. Finalists were Hannah Kwar, Aaliyah Craven, Mary Francis Garcia, and Kate Ryan. Submissions illustrated the theme “Inspired by Earth.”

Udbhav Akolkar of Scottsdale, Ariz., won first place in the essay contest with a paper on earth in various forms of writing, from J. R. R. Tolkien Edgar Allan Poe. Finalists were Caden Longwater, Vikram Kolli, Jaeho Lee, and Lluvia Perez. Students in grades 6-9 wrote essays of up to 300 words addressing this year’s theme, “Finding ‘Art’ in Earth.”

Noah Resnick won first place in the video contest with a public service announcement about ways science (and the Earth) can be artful. Finalists were (team) Carrie Hunter and Austin Hermann; (team) Zihao Jiang, Chen Hong Xue, Yu Hongyi, Lu Yichang, Ding Keyi, Liu Zhengyi, Wang Yihan, Zhang Xin Yao, Ding Ji Jun, Chen Yan Yan, Hu Rui, Yim Hao Ran, Cao Yi Jia, Wu Di, and Sun Dasheng; (team) Vinuth and Janiru Sumanasiri and Malika Gunasekara; and (team) Rossalyn Buck and Emily Stratzy. Individuals and teams created brief, original videos that tell viewers how artistic expression stems from the natural world, through “Earth Expressions” in their part of the world.

Congratulations to the winners, finalists, and hundreds of students and others who entered. Each first-place winner receives $300 and a “Geoscience Handbook.” Entries submitted by winners and finalists are posted online at https://www.earthsciweek.org/contests/2018.

About AGI

The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than a quarter-million geoscientists. Founded in 1948, AGI provides geoscientists with access to scholarly information, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and health of the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek, Communications Manager
jlilek@americangeosciences.org
571.483.5445
AGI Accepting Applications for 2019 Earth Science Teaching Award: See the Webcast

FOR IMMEDIATE RELEASE
December 13, 2018

ALEXANDRIA, Va. – With just over a month left to apply, now is the time to go online and view a new webcast about the prestigious Edward C. Roy, Jr. Award for Excellence in K-8 Earth Science Teaching. The free, two-minute webcast provides an overview of the competition. To view the webcast, visit https://www.earthsciweek.org/webcasts/EdRoy.

Given annually, this award is presented to one teacher of grades K-8 in the United States or Key Stages 1-3 in the United Kingdom each year. The award recognizes leadership and innovation in Earth science education.

The award is given in honor of Dr. Edward C. Roy, Jr., a strong and dedicated supporter of Earth science education. A past president of AGI and former chair of the AGI Education Advisory Committee, Dr. Roy was a lifelong supporter of teachers and students of all ages.

To enter the 2019 competition, applications must be submitted electronically by January 18, 2019. The winner will receive a $2,500 prize and a travel grant of up to $1,000 to attend the National Science Teachers Association (NSTA) Annual Conference in April 2019 to accept the award. For more information on application procedures and requirements, please visit https://www.americangeosciences.org/education/awards/roy.

About AGI
The American Geosciences Institute (AGI) is a nonprofit federation of 52 scientific and professional associations that represents more than a quarter-million geoscientists. Founded in 1948, AGI provides geoscientists with access to scholarly information, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and health of the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Joseph Lilek, Communications Manager
jlilek@americangeosciences.org
571.483.5445
Mountain Xpress

Fall 2018 archaeology lectures at UNCA focus on artifacts from Holy Land and NC

Posted on September 6, 2018 — Community Bulletin

Press release from UNC Asheville:

UNC Asheville will present two archaeology lectures during the fall 2018 semester — on Sept. 19 focusing on competing claims to Holy Land artifacts, and on Oct. 22, examining the relationship between Spanish soldiers and Native Americans in a 16th century settlement near Morganton, N.C.

Both talks are free and open to everyone as part of the Archaeological Institute of America’s (AIA) 125th Lecture Program that will bring leading scholars to audiences across the U.S. during the 2018-19 academic year. The lectures take place at 7:30 p.m. in UNC Asheville’s Robinson Hall, Room 125.

Sept. 19 — Who Owns the Past? Competing Claims for Antiquities from the Holy Land, presented by Merrill Singer — In Israel it is illegal to buy and sell artifacts from legally sanctioned dealers, if the collections pre-date the 19th century ownership law — however, not all aspects of this trade are illegal and some items for sale may or may not have a complete or pristine provenance history. This interdisciplinary investigation examines the relationship between the demand for Holy Land artifacts and the competing claims to owning the past.

Singer, an associate professor of archaeology at DePaul University, is an AIA Joukowsky Lecturer for 2018-19. She also co-directs the Following the Pots Project in Jordan and the Galilee Prehistoric Project in Israel.

Oct. 22 — Artifacts from Fort San Juan and the Stories They Tell, presented by David Moore — Fort San Juan, located at the near Morganton, N.C., is the earliest European settlement in the interior of the United States, built on the Native-American town of Uasi. In 1607, the fort was occupied by 30 Spanish soldiers. The resident native peoples housed the Spanish as guests, crafting houses for them and supping them with food. In 1611, the two groups lived side by side for over a year, the encounter ended suddenly when the fort was destroyed by the local Indians. Moore is professor of anthropology at Warren Wilson College and his lecture will be delivered in celebration of International Archaeology Day.

These lectures are co-sponsored by the Western North Carolina chapter of the Archaeological Institute of America, and UNC Asheville’s Departments of Classics, Art, and Art History. For more information, contact Laurie Taylor, UNC Asheville senior lecturer in classics and art history, taylor@unca.edu or 202-251-0390.
Non-Lethal Directed Energy Initiatives for Improved Homeland Defense at Directed Energy Day

In support of the DoD Directed Energy initiatives, Defense Strategies Institute has put together the Directed Energy Day, which will provide a forum to discuss the efforts to develop and leverage DE technologies in support of U.S. national security needs and battlefield overmatch. The 2nd Annual Directed Energy Day will be held on November 16, 2018, at the Harry H. Gatton Learning Center in Alexandria, VA.

Alexandria, VA, October 17, 2018 --(PR.com)-- Directed energy weapons have long since been a staple across the DoD and Federal Government R&D institutions over the past decades, and due to critical technological maturation, a number of Military DE programs are showing great promise. The current forward leaning posture of DE weapons across the DoD has grown in popularity over the past months, and many strides have been made to integrate DE as a warfighting tool in support of National security needs and the Warfighter.

In support of the DoD Directed Energy initiatives, Defense Strategies Institute has put together the Directed Energy Day, which will provide a forum to discuss the efforts to develop and leverage DE technologies in support of U.S. national security needs and battlefield overmatch. The 2nd Annual Directed Energy Day will be held on November 16, 2018, at the Harry H. Gatton Learning Center in Alexandria, VA. This symposium will provide a unique viewpoint on the rapidly evolving DE policy, technology development, funding requirements, acquisition strategies, and what these changes mean for the future force.

The collaborative one-day agenda includes 15 diverse senior leadership speakers. This year’s speakers are:
- Dr. Thomas J. Kari, Assistant Director of Defense for Directed Energy, Under Secretary of Defense for Research and Engineering
- William P. Bray, SES, Deputy Assistant Secretary, Navy Research, Development, Test & Evaluation Department of the Navy
- Keith Englander, SES, Director for Engineering, Missile Defense Agency
- Michael Holthe, Director for Lethality, ASA (ALT)/ODASA Research & Technology
- David Law, Technology Division Chief, Joint Non-Lethal Weapons Directorate
- Col Michael E. Thompson, Chief, Advanced Weapons Systems Division, Air Combat Command, United States Air Force
- Dr. Saan Ross, ARL Directed Energy Liaison, SAF/AQ
- LTC Yusuf Good, USA, Deputy Director, JLASS Joint Test, NSWC Dahlgren
- Colonel Rey Mesmin, USMC (Ret.), Former Director, Joint Non-Lethal Weapons Directorate
- Randy Woods, Active Denial Project Manager, Joint Non-Lethal Weapons Directorate
- Scott Griffiths, Engineer, Naval Surface Warfare Center Dahlgren

In order to allow for actionable discussion and dialogue amongst speaker and attendees, seating will be limited. Register now to reserve your seat. Active military, government, and state personnel attend complimentary. Those interested in participating in the Directed Energy Day can visit Defense Strategies Institute’s website at http://directedenergy.dsigroup.org/

Anyone interested in learning more or sending questions, contact Morgan Colfax at mcolfax@dsigroup.org, 201-266-0058.

Summit is closed to press / No recordings

Contact Information
Defense Strategies Institute
Morgan Colfax
201.266.0058
Contact: 03
http://directedenergy.dsigroup.org/
NEWS RELEASE: Wyoming Geological Survey Offering Earth Science Week Toolkits

Wyoming State Geological Survey
August 23, 2018

*******FOR IMMEDIATE RELEASE*******

Media Contact:
Christina George
(307) 766-2286 ext 231
christina.george@wyo.gov

Complimentary Earth Science Week Toolkits Now Available

The Wyoming State Geological Survey (WSGS) is once again offering complimentary toolkits to junior

The 50 toolkits are provided by the American Geosciences Institute (AGI) and are available to school
teachers on a first-come, first-serve basis. The 2018 Earth Science Week theme is "Earth as
Inspiration," which AGI says emphasizes artistic expressions as a unique, powerful opportunity
for geoscience education and understanding in the 21st century.

AGI has organized Earth Science Week every year in October since 1998, and in 2012, Wyoming Gov.
Matt Mead proclaimed the second week in October as Wyoming Earth Science Week. The WSGS
facilitates the celebration in Wyoming by offering several resources to science teachers to be used in
the classroom.

"Most kids have a natural interest and enthusiasm for earth science topics," says WSGS Director, Dr.
Erin Campbell. "These Earth Science Week toolkits are a great resource for teachers to keep that
interest alive."

Each toolkit contains material to help prepare for Earth Science Week and teach earth sciences
throughout the year.

Toolkits include:
- 12-month school-year activity calendar, suitable for hanging
- New Earth Science Week poster, including a learning activity
- NASA materials on school resources and planetary exploration
- National Park Service posters on caves, plants, and geology
- Geologic Map Day poster dealing with artistic inspiration
- Mineral Education Coalition "Quarry to Crop" postcard
- IRIS material on seismology and earthquakes
- AmeriView poster on exploring America through LandSat
- Howard Hughes Medical Institute poster on global change
- UNAVCO materials on geodesy and websites to explore
- Fact sheet from Critical Zone Observatories
- Stellar energy Project information on energy science
- Bureau of Land Management dinosaur coloring page
- Material on Constructing the Root Cycle from Geological Society of America
- Water footprint Calculator information on water science
- EarthScope material on what it means to be an earth scientist
- CLEAN, ARS, TERC, and GIS information and more

To request a toolkit, contact Christina George at christina.george@wyo.gov or (307) 766-2286 ext
231.

Information about Earth Science Week, including links to activities and learning resources, can be found
on the WSGS education webpage and on the AGI website.

To kick-off Earth Science Week, the WSGS and University of Wyoming Geological Museum are
co-hosting an event, Wyoming ROCKS! The Art of Our Geology, 11 a.m. to 2 p.m. Saturday, Oct. 13, at
the museum. The event is free and open to the public. More details about the event to come.
News/Event Listings

8th Street Ale Haus

Earth Science Week

**WHAT:****
October 14, 2018 @ 11:00 am – October 21, 2018 @ 12:00 pm

**WHERE:**
8th Street Ale Haus
1132 N. 1th Street

**CONTACT:**
920-208-7540
Saturday is International Archaeology Day
Saturday Oct 20th 10am-3:30pm

This event has already occurred

Saturday is international archaeology day and Lighthouse maritime archaeologists will have a display of marine artifact at the Maritime Education Center from 10 am until 2 pm, free with admission. Look or discount coupons at www.staugustinelighthouse.org. Also, at 3 pm the St. Augustine Archaeology Association will unveil a marker about the first aid to navigation in St. Augustine, the Old Spanish Watchtower which became Florida’s first lighthouse is May of 1824.
Earth as Inspiration - Celebrate Earth Science Week

TIME  Tue Oct 16 2018 at 02:00 pm to 04:00 pm  Add to calendar

VIRNUE  Spotylvania Towne Centre 137 Spotylvania Mall, Fredericksburg, Virginia 22407, United States

CREATED BY  Tri - County / City Soil & Water

Earth as INSPIRATION
How does the Earth inspire you?
www.earthsclweek.org

With Tri-County City Soil & Water at the Spotylvania Towne Center Library in the Mall to celebrate Earth Science Week on October 16th from 3 pm - 5 pm! We will have lots of fun games and activities for all ages. That’s right, I’m looking at you too, adults! This year’s theme is “Earth as Inspiration.” So find your inspiration in rocks, soil, and water!

You may also like the following events from Tri - County / City Soil & Water Conservation District:

Next Monday, 15th October, 01:00 pm, Soil, Soil, Everywhere – Homeschool Programming in Virginia

TAGS  Earth, Earth Science Week, Spotylvania

MAP  © Spotylvania Towne Centre 137 Spotylvania Mall, Fredericksburg, Virginia 22407, United States
National Fossil Day - Day 2

Free with Admission

The Earth Experience Museum will be open on extended hours as part of the Tennessee STEAM Festival and as part of National Fossil Day. There will be a kids’ fossil dig, geologists on site to answer questions and special exhibits: a full size Stegosaurus statue 25 feet long and a cast of a T-rex leg 12 feet tall.

Also check out other Festivals in Tennessee.

Likelihood of spreading the word: 

MAP

Earth Experience - Middle Tennessee Museum of Natural History, 816 Old Salem Rd, Murfreesboro, Tennessee 37129, Tennessee, United States
Best Things Florida

International Archaeology Day

Saturday, Oct 20, 2018 from 10:00am to 2:00pm

Beaches Museum and History Park
381 Beach Boulevard
Jacksonville Beach, FL 32250
904-241-5657
Free
Website

Presented by the Archaeological Institute of America Jacksonville Chapter, Archaeology Day is a fun-filled, educational day when children and adults can participate in mock digs and pottery making; Dr. Ashley from UNF will identify local artifacts; Master Gardeners will discuss past and present plant life; and more.

Dr. Kenneth Sassaman, Director of the Lower Suwannee Archaeological Survey, will present his lecture "Sea-Level Rise Among the Ancients: Results of the First Decade of the Lower Suwannee Archaeological Suvey" in the Beaches Museum Chapel at noon. Refreshments will be served following the lecture.
International Archaeology Day

Saturday, Oct 20, 2018 from 11:00am to 4:30pm

The Children's Museum Of Atlanta
275 Centennial Olympic Park Drive
Atlanta, GA 30313

$15.95
Website

Throughout the day, the Science Bar is digging up tasks for little archaeologists to complete in honor of International Archaeology Day! Children will discover clues in unexpected places to determine the age of objects or places, unravel a mummy’s riddle, learn to write in hieroglyphics, rebuild broken pottery or understand soil layers by filling a bottle with colored sand. Kids also have the opportunity to design their own pre-historic cave paintings!
DART Connections
EARTH SCIENCE WEEK: GEOLOGY ROCKS
10:00
The Geology Rocks video conference looks at the dynamic earth forming processes. Students will be...
Brought to you by: Australian Museum

EARTH SCIENCE WEEK: GEOLOGY ROCKS
11:00
The Geology Rocks video conference looks at the dynamic earth forming processes. Students will be...
Brought to you by: Australian Museum

EARTH SCIENCE WEEK: THE FUTURE OF OUR CORAL REEFS
12:00
This new video conference explores Australia’s Coral Reefs and talks about the diversity of life...
Brought to you by: Australian Museum

EARTH SCIENCE WEEK: THE FUTURE OF OUR CORAL REEFS
1:00
This new video conference explores Australia’s Coral Reefs and talks about the diversity of life...
Brought to you by: Australian Museum

EARTH SCIENCE WEEK: GEOLOGY ROCKS
18:00
The Geology Rocks video conference looks at the dynamic earth forming processes. Students will be...
Brought to you by: Australian Museum

EARTH SCIENCE WEEK: THE FUTURE OF OUR CORAL REEFS
19:30
This new video conference explores Australia’s Coral Reefs and talks about the diversity of life...
Brought to you by: Australian Museum

EARTH SCIENCE WEEK: THE FUTURE OF OUR CORAL REEFS
10:50
This new video conference explores Australia’s Coral Reefs and talks about the diversity of life...
Brought to you by: Australian Museum

EARTH SCIENCE WEEK: THE FUTURE OF OUR CORAL REEFS
11:30
This new video conference explores Australia’s Coral Reefs and talks about the diversity of life...
Brought to you by: Australian Museum
International Archaeology Day

October 19, 2018

Join the Archaeology Club in celebrating International Archaeology Day and learn cool facts about our field!

Come celebrate International Archaeology Day at Dickinson College on October 19th! The Archaeology Club will have a table set up in the Underground (located on the lower floor of the HUB). Please feel free to join us to learn more about archaeology and its methods. The club is also going to recreate an excavation pit, so be sure to stop by!

**FURTHER INFORMATION**

- **Location:** HUB Underground
- **Time:** 11:00 am - 1:00 pm
- **Cost:** Free
NATIONAL FOSSIL DAY
PAST(10/17/2018) 9:00AM - 5:00PM

TEXAS MEMORIAL MUSEUM

Held annually in Mid-October, National Fossil Day™ is an annual celebration organized by the National Park Service to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.

Join Texas Memorial Museum in this nationwide event promoting awareness of fossils and the science of paleontology.

Free activities with regular paid admission:

- Fossil Identifications 9 am to 12 pm & 1:30 pm to 4:45 pm
  Meet a paleontologist to learn about your personal fossil finds and the fabulous fossil record of Texas. (1st floor, Paleo Lab)

- Prehistoric Stories 9:30 am to 10 am
  Storytime for children 5 years and younger (Outdoor classroom, weather permitting)

- Fossil Dig Pit 10 am to 12 pm
  Young paleontologists can make their own discoveries of Texas fossils. (Outdoor classroom, weather permitting)

- Prehistoric Art 3:30 pm to 4:45 pm
  Learn about Ancient Austin while creating your own masterpiece. (1st floor, opposite Paleo Lab)

If you need any accommodation to participate in the event, please contact Pamela R. Owen by email or phone (512-232-5511) at least five days before the event.
Choose your adventure

From concerts and performing arts to festivals and sporting events, Downtown Indy venues and attractions offer something for everyone. Filter events by dates, location or type below and click “Update Results” to find your next memorable experience.

See the 2018 Downtown Key Events with more than 10,000 attendees here.

Downtown Indy Event Calendar

Events : October 1, 2018 to October 31, 2018

Saturday, October 20, 2018

International Archaeology Day

The Children's Museum of Indianapolis
International Archaeology Day Celebrations

Monday 12 November 2018 8:30 AM

Monday 12 November 2018 3:00 PM

ENDED

Save Cultural Heritage Group • International Archaeology Day Celebrations

Invitation
We think you should join there.
Free and open to Students!

At 0930am to 600pm
On Monday, November 12th, 2018

INTERNATIONAL ARCHAEOLOGY DAY

Reach us at:
schg pakistan@gmail.com

Quaid-I-Azam University
Islamabad, Islamabad,
Pakistan-44000
°C Partly Cloudy, Islamabad

INTERNATIONAL
ARCHAEOLOGY
DAY

3012

Last update 13/11/2018

752

International Archaeology Day is a day for organizations around the world to raise awareness of archaeology and provide opportunities for the public to participate in archaeological activities. Above all, IAD is a celebration of archaeology and emphasizes the idea that archaeology is everywhere.

On the #IADlad2018, SCHG sponsoring AIA and hosting the celebrations in Pakistan with help of its technical partners: the Taxila Institute of Asian Civilizations, Quaid-i-Azam Univer

Save Cultural Heritage Group

ADD TO FAVORITES

NEARBY HOTELS AND APARTMENTS

Quaid-i-Azam University Islamabad, Islamabad, Pakistan-44000
°C partly cloudy, Islamabad
Fossil Day Celebration
Saturday 20 October 2018 11:00 AM  ➤  Saturday 20 October 2018 4:00 PM
ENDED

Macon › Museum of Arts and Sciences › Fossil Day Celebration

Calling all aspiring young fossil detectives to join the Museum of Arts and Sciences to explore the world of paleontology in Central Georgia in celebration of National Fossil Day TM (October 17). A Fossil Scavenger Hunt through the Museum, hands-on activities like excavating shark’s teeth, and making molds and casts of the Museum’s Ziggy the Dorudon serratus whale’s teeth. A representative of William P. Wall Museum of Natural History at Georgia College and State University will be on hand to share the tools of a
Event Brite

This event has ended.

International Archaeology Day

Maidu Museum & Historic Site
Saturday, October 20th
9:00am - 4:00pm

by Kaitlin Kincade

Date And Time
Sat, October 20, 2018
9:00 AM – 4:00 PM PDT
Add to Calendar

Location
Maidu Museum & Historic Site
1970 Johnson Ranch Drive
Roseville, CA 95661
View Map

Description

Come by the Maidu Museum for some family fun on International Archaeology Day. We will have special children’s activities for kids of all ages. Stop by for a special Archaeology Tour to get up close and personal look at several archaeological features on site (additional $2/person with admission). In the afternoon we will be hosting the Sacramento Archaeological Society lecture series with speakers Eric Wohlgemuth and Al Schwatara. Admission purchased on site.

Schedule of events:
Children’s Activities—All Day
Archaeology Tour 10am and 12pm
SAS Archaeology Talks 1pm to 3pm

Tags
Facebook

Event Name: Earth Science Week

- **Date:** Daily, Oct 14 - Oct 20
- **Recurring Event:**
- **Public:**
- **Hosted by:** Shenandoah National Park
- **Location:**
  - Shenandoah National Park
    - 3655 Us Highway 211 E, Luray, Virginia 22835
- **Time:**
  - Sunday, October 14, 2018
  - 9 AM – 4 PM
- **Weather:** 37–54°F Rain Showers
- **Interests:**
  - 7 Going
  - 91 Interested

See More Dates
Share
Show Map
National Fossil Day 2018

Public - Hosted by Sternberg Museum of Natural History

Sunday, October 14, 2018 at 1 PM – 5 PM CDT
about 2 months ago

Sternberg Museum of Natural History
3000 Sternberg Dr, Hays, Kansas 67501

Join us on Sunday, October 14th for our National Fossil Day celebration as we explore this year's theme "The Age of Reptiles: Not Just Dinosaurs". We will dive into the ocean ecosystems that thrived in Kansas while dinosaurs ruled the land. Admission to the Museum will be FREE all day and with activities for all ages!

Kid Friendly
National Fossil Day™
At the Dunn-Seiler Museum

Department of Geosciences, Mississippi

OCT 17

National Fossil Day!
Public · Hosted by Department of Geosciences, Mississippi State University

Wednesday, October 17, 2018 at 5:30 PM – 7:30 PM CDT
about 2 months ago

Dunn-Seiler Museum
Starkville, Mississippi 39752

About
Discussion

7 Went · 69 Interested
Share this event with your friends

Details

During Earth Science Week (October 14-20), the Dunn-Seiler celebrates National Fossil Day on October 17, 2018. This year, National Fossil Day features reptiles of the Mesozoic Era.
The Dunn-Seiler Museum’s Fossil Art & Story Contest focuses upon reptiles of Mesozoic Mississippi—including mosasaurs, ichthyosaurs, crocodiles and more! We invite you to sketch, draw, or create one of the extinct reptiles that lived in our state during the Mesozoic Era, or about 250 million years to 65 million years ago. Our Mississippi’s Geologic Timeline can help you get started: http://www.geosciences.msstate.edu/dunn-seilermuseum/resources/

Fossil Art Contest (Categories: grades K-4th, 5th-6th, and 7th-12th)
Create a model or draw an ancient reptile of Mississippi that lived in the Mesozoic Era.
Photographs at SunWatch Indian Village/Archaeological Park

Happy Holidays!
Wishing all of our members, guests, volunteers, and supporters a safe and merry holiday season.
The Bonnycastle Museum, SunWatch, and Fort Ancient will be CLOSED on Christmas Eve & Day and New Year's Eve & Day.

See All Photos

More Events at SunWatch Indian Village/Archaeological Park

**JAN 12** Exploring the Neighborhoods of Cahokia
Sat 10:30 AM - 198 people are going or interested

**FEB 9** The Battle of the Wabash: Working Towards a New View
Sat 10:30 AM - 157 people are going or interested

**MAR 9** Grave Bj 581: The Viking Warrior that was a Woman
Sat 10:30 AM - 305 people are going or interested

See All Events
Falls of the Ohio

Celebrate National Fossil Day at the Falls of the Ohio State Park. Free admission beginning at 5 PM, courtesy the Falls of the Ohio Foundation.

Guest speaker – Dale Brown, Falls of the Ohio State Park, speaks from 7 to 8 PM on Paleontology: "The Birth of Paleontology" – learn about how and where the science of paleontology first took hold.

Activities include fossil-related crafts –
- build a sea lily,
- weather rocks,
- design a Devonian ecosystem,
- hike the fossil beds,
- find fossils on the collecting piles, and more.

Enjoy free refreshments with a fossil theme.
International Archaeology Day
Bayshore Live Oak Park
23157 Bayshore Road, Port Charlotte, FL 33980
Saturday, October 20, 2018
10 a.m. – 2 p.m.
Admission is Free

Discover South Florida archaeology and history with hands-on activities and presentations from renowned archaeologists. Fun for all ages!
Earth Science Week 2018 events

Events Quick Links: All week | Saturday 13 October | Sunday 14 October | Monday 15 October | Tuesday 16 October | Wednesday 17 October | Thursday 18 October | Friday 19 October | Saturday 20 October | Sunday 21 October

All week

Middlethian Science Festival, 6-20 October

Reif Climbing Festival, 12-14 October

Mendip Rocks! Festival, 6 July - 31 October

Dinosaur Isle Museum

Oystermouth Library, Swansea

Earth Science Week display at Oystermouth Library

Saturday 13 October

Super Science Saturday

Join scientists from the Museum and Cardiff University to celebrate Earth Science Week and Biology Week 2018!

Burrington Combe Geo Walk

A geowalk to discover the geological history of the Burrington rocks, from oldest to youngest carboniferous rocks as we walk up the Combe.

‘Shake, Rattle & Rocks’ Geo Day

Interactive displays and activities featuring rocks, fossils, minerals and the Earth’s dynamic processes, highlighting the geology of the Jurassic Coast, Torbay Geo Park and the West Devon mining area.

Sidmouth Science Festival

Geo Day short talks programme

The Rocks Exchange (10am-5pm)

A mineral and fossil fair, now in its 36th year and the largest of its type in the UK

Rocks in the City - an Urban Geology Pub Walk (7.15pm)

A tour of the City of London’s building stones and rubs!
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
</table>
| **Sunday 14 October** | *Somerset Coal Field Visit*  
A walk with Richard Frost around the industrial remains of the Somerset Coal Field.  
**The Rockexchange (9am-5pm)**  
Lady Manners School, Derbyshire  
A mineral and fossil fair, now in its 35th year and the largest of its type in the UK. |
| **Monday 15 October** | *Mapology - Beginners Navigation*  
A fun and games introduction for adults new to using a map and compass, learning how to use these tools to stay safe when exploring the great outdoors. |
| **Tuesday 16 October** | *Bats Combe Quarry Tour - a Limestone Legacy* (10am-12pm)  
A guided tour with Hanson’s UK to view inside this Burrelton Combe quarry.  
**Bats Combe Quarry Tour - a Limestone Legacy (2pm-4pm)**  
Mendip Rocks! Festival  
**SedgwickTop Trunsp - The Geologica Edition**  
Sedgwick Museum, Cambridge  
The future of plate tectonics: Delving into the deep interior of our planet |
| **Wednesday 17 October** | *Dinos and Rocks gala day*  
Explore the fascinating world of a prehistoric time. Dig for fossils, create your own models of geological processes and see a glacier in action!  
**Collection Snapshots (6pm-7.30pm)**  
The Sedgwick Museum celebrates Cambridge Festival of Ideas and Earth Science Week with some short talks introducing you to aspects of their amazing collection.  
Join experts and enjoy an exclusive wander through the Galleries out of hours. |
| **Thursday 18 October** | *Halsecombe Quarry Geology Tour (10am-2pm)*  
A rare chance to see inside this working limestone quarry and explore the rock exposures with Dr Ian Brewer, Senior Geologist with Tarmac.  
**Halsecombe Quarry Geology Tour (2pm-4pm)**  
Mendip Rocks! Festival |
| **Friday 19 October** | *Earth Science Week schools event*  
Literary Outback Day (schools)  
Living made from the Earth  
A lunchtime talk by Dr Paul Anderson on how wealth can be made from the materials in or on the Earth, and how this is reflected in the objects, products and services within our daily lives. |
| **Saturday 20 October** | Coming soon! |
International Archaeology Day at CMST

The Children’s Museum of St. Tammany will be hosting a celebration for International Archaeology Day on October 20, 2018. Explorers of all ages are welcome to participate in this interactive, fun day of archaeology. Activities will include a hands-on mock archaeology dig, laboratory analysis & activities, question & Answer session with an archaeologist, historical dress-up and role play, plus storytellers, exhibits, and more. http://www.cmstkids.org

Start: October 20, 2018 10:00 am
End: October 20, 2018 4:00 pm

Fees & Tickets
Visit website for cost.

Event Venue
Address: 21404 Koop Drive Mandeville, LA 70471
International Archaeology Day

⚠ Please note, this event has expired.

*Presented by* Children's Museum of Indianapolis at Children's Museum of Indianapolis, Indianapolis IN

**OCT 20**

**International Archaeology Day**

October 20, 2018
10:00 a.m.-5:00 p.m.
Free with general admission

Roll up your sleeves and get out your pointed trowel! Join us to celebrate International Archaeology Day with fun and educational archaeology activities

### ADMISSION INFO

Free with general museum admission

**Contact:** 317-334-4000
**Email:** leslieo@childrensmuseum.org
**Official Website**

### LOCATION

*Children's Museum of Indianapolis*
3000 North Meridian Street, Indianapolis, IN 46208
Instagram

International Archaeology Day:
War, Peace, and the Feast - Conflict and Resolution in the Past

October 20
1:00 pm - 4:00 pm
Sabin Hall - First Floor

aia-milwaukee.uwm.edu

Department of Anthropology
uwm.edu/anthropology

aiamilwaukee Hello Friends! Join us for International Archaeology Day on the first floor of UWM's Sabin Hall! This year's IAD promises to be an exciting event with fun, interactive activities for all ages. Come meet Greek Hoplites and Roman Centurions, learn about ancient peace-treaties, taste beer recreated from ancient recipes, and more! The event is free and open to the public. Hope to see you there!
Thank you to @uwmletsci for a great

21 likes
OCTOBER 17, 2018

Add a comment...
Fossil Mania!

Saturday, October 13th, 2018 @ 10:00 am - 1:00 pm
Museum Of The Earth
$ Included with Museum admission
http://www.primweb.org/index.php/events/at-the-museum/events/fossilmania

Venue
Museum Of The Earth
1259 Trumansburg Rd
Ithaca, NY 14850
607-273-6623

Description:
Our annual family-centered Fossil Mania event celebrates fossils, and this year we are focusing on late Cretaceous Fossils and environments, especially the Quetzalcoatlus, T. rex skull, and our amazing heteromorph fossil. Come join us for a scavenger hunt, activities, and fossil identification. This event is held each year to coincide with the National Park Service's National Fossil Day, which is an annual celebration held to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations.

Upcoming dates
- Sat, Oct 13 @ 10:00 am

Schedules
- Occurs Saturday, October 13th, 2018 @ 10:00 am - 1:00 pm

Contact
Jim Harpur
607-273-6623
jph2@cornell.edu
Earth Science Week Proclamation

**Date and Time**
Monday, October 15 at 1:30 PM CDT to Monday, October 15 at 3:00 PM CDT
Add To Google Calendar | iCal/Outlook

**Location**
Pavilion Outside SUB

**Description**
To kick off Earth Science Week on Monday, October 15th, the Mayor will make an official Proclamation of Earth Science Week at 2:00 pm, here on campus!
Stop by for displays of Rocks and Minerals, Fossils, GIS demonstrations, and refreshments!

**Categories**
- Lecture / Speaker
- Meeting
- Program / Activity
- Social / Entertainment

**Host Organization**
American Association of Petroleum Geologists TAMUK Student Chapter
INTERNATIONAL ARCHAEOLOGY DAY | KU NATURAL HISTORY MUSEUM

October 26, 2018 @ 10:00 am - 1:00 pm

As part of the Archaeological Institute of America's 7th Annual International Archaeology Day, KU's Wilcox Classical Museum and the Natural History Museum's Archaeology Division are opening their collections. Tours begin at the NHM's Archaeology Division in Spooner Hall and end at the Wilcox Classical Museum in Lippincott Hall. Tours are at 10 a.m., 11 a.m. and 12 p.m. on October 26.

RSVP with your preferred tour time to Tasha Dare at ancient@ku.edu no later than 5 p.m. Oct. 23.
National Fossil Day

📆 Wednesday, October 17th, 2018 @ 4:00 pm – 6:00 pm
📍 Idaho Museum of Natural History

Free

http://imnh.isu.edu

October 14-20 we celebrate Earth Science Week with several free, family-friendly events during the week. Wednesday, October 17, is National Fossil Day. Be a citizen scientist. We need your help sorting fossil-containing sediments. No experience necessary! This activity will be in our Discovery Room from 4pm to 6pm.

Upcoming dates
- Wed, Oct 17 @ 4:00 pm

Schedules
- Occurs Wednesday, October 17th, 2018 @ 4:00 pm – 6:00 pm

Venue

Idaho Museum of Natural History
696 E Dillon
Pocatello, ID 83201
Geoscience for Everyone

📅 Thursday, October 18th, 2018 @ 5:00 pm – 6:00 pm
📍 Idaho Museum of Natural History
🏷️ Free
🔗 http://imnh.isu.edu

October 14-20 we celebrate Earth Science Week with several free, family-friendly events during the week. Thursday, October 18, is Geoscience for Everyone Day. Dr. Leif Tapanila will be speaking on how geoscience plays a big part in our lives. This lecture will be from 5pm to 6pm in our Discovery Room.

📅 Upcoming dates
- Thu, Oct 18 @ 5:00 pm

教え Schedule
- Occurs Thursday, October 18th, 2018 @ 5:00 pm – 6:00 pm

Venue
Idaho Museum of Natural History
698 E Dillon
Pocatello, 83201
Earth Science Observation Day

🗓️ Tuesday, October 16th, 2018 @ 12:00 pm – 6:00 pm
📍 Idaho Museum of Natural History
💰 Free
🌐 http://rmnh.isu.edu

October 14-20 we celebrate Earth Science Week with several free, family-friendly events during the week. Tuesday, October 16, is Earth Science Observation Day. Come in and observe real-time photos of Earth from the Landsat satellite in the Discovery Room from 12pm to 6pm.

### Upcoming dates
- Tue, Oct 16 @ 12:00 pm

### Schedules
- Occurs Tuesday, October 16th, 2018 @ 12:00 pm – 6:00 pm

### Venue
Idaho Museum of Natural History
696 E. Dill
Pocatello, 83201
International Archaeology Day
NATURE | EDUCATION | ART AND EXHIBITS

Saturday, October 20, 2018, 4:00 PM - 7:00 PM

We will be celebrating International Archaeology Day on October 20th with free, family-friendly events. The Department of Anthropology Idaho State University and BLM Pocatello Office will be joining us for a day of archaeology! We will be creating edible excavation cookies, pottery reconstruction, stone tool games, pictographs, and much much more! The BLM Pocatello Office will have giveaways and help 4th graders get their free park pass! This is a free, family-friendly event in our Discovery Room. If you wish to visit the Buzzsaw Shark of Idaho exhibit admission does apply. FYI Parking is Free on Saturdays.

Phone: (208) 282-3168
Event url: https://www.facebook.com/events/482363858935690/

Venue

Idaho Museum of Natural History
698 E Dillon
Pocatello, ID 83201
View Map | GetDirections
International Archaeology Day at Maidu Museum

Oct 20, 2018 9:00 AM - 4:00 PM

Time Comments:
Doors open at 7:00

Description:

**From event page:**
Come by the Maidu Museum for some family fun on International Archaeology Day. We will have special children’s activities for kids of all ages. Stop by for a special Archaeology Tour to get a up close and personal look at several archaeological features on site (additional $2/person with admission). In the afternoon we will be hosting the Sacramento Archaeological Society lecture series with speakers Eric Wohlgemuth and Al Schwatala.

Schedule of events:
Children's Activities--All Day
Archaeology Tour 10am and 12pm
SAS Archaeology Talks 1pm to 3pm

More Info:

Be sure to tell them you heard about it on Macaroni Kid!

**STAY IN THE KNOW!** Get a FREE kid-friendly event calendar for the Roseville-Rocklin-Lincoln area full of activities, events, festivals, fairs, and so much more delivered to your email weekly! **Sign up by clicking HERE!** Macaroni Kid helps you **FIND YOUR FAMILY FUN®**

Get **social** with us on Facebook, Twitter, Instagram, YouTube, and Pinterest! **Sharing is caring, share us with your friends and family today!**

**Maidu Museum & Historic Site**
1970 Johnson Ranch Dr
Roseville, CA 95661

[Google Map](#)
National Fossil Day at Morrill Hall

Oct 25, 2018 5:00 PM - 8:00 PM

Description:
A special paleontology-themed night! Visitors can participate in activities that "dig" into the work of paleontology led by State Museum paleontologists.

Who:
The whole family

Cost:
Regular Admission

How:
Just show up!

Morrill Hall
14th & Vine
Lincoln, NE 68508
Google Map

Add To Calendar
International Archaeology Day at the Prehistoric Indian Village

**Name:** International Archaeology Day at the Prehistoric Indian Village

**Date:** October 20, 2018

**Time:** 9:00 AM - 5:00 PM CDT

**Event Description:**
This annual event showcases Archaeology in our community. We will showcase a special video, "Capturing the Feature", that gives a behind the scenes look at how we create some of our unique exhibits. Best of all - free admission all day!!

**Location:**
Mitchell Prehistoric Indian Village
3200 Indian Village Road, Mitchell, South Dakota 57301

**Date/Time Information:**
Saturday, October 20, 2018
9 a.m. - 6 p.m.

Set a Reminder:
Enter your email address below to receive a reminder message.
Enter Email Address

Select Day Before Event
National Fossil Day

Celebrate National Fossil Day with Museum of the Rockies (MOR), the Children’s Museum of Bozeman (CMB), and the Bozeman Public Library (BPL) with dinosaur-themed activities all day long at all three locations.

- 10 – 11 a.m. at MOR for Sensational Babies featuring a dinosaur dig and dinosaur-themed stories
- 10:15 & 11:15 a.m. at BPL for Little Ones Storytime featuring dinosaur and fossil stories
- 12 – 3 p.m. at CMB for Fossil activities at the Science Station and Maker Place with MOR’s Rocky Rex
- 2 – 3 p.m. at MOR for Tots for Tots: Bones!
- 3:30 – 5 p.m. at BPL for Meet MOR’s Rocky Rex and touch real fossils
- 5 – 7 p.m. at CMB for Open Lab in the STEAMlab with dinosaurs

*National Fossil Day events are free at MOR and BPL, and included with admission at CMB. Admission applies if you wish to access MOR’s main museum and exhibits.
National Fossil Day

Date & Time: 10/10/2018

Fee Information:
- Park Entrance Fee

Contact Us:
- Email us

Location:
- Throughout the park

Fee Information:

Contact Name:
- Richard Ullmann

Contact Email:
- Email us

Contact Phone Number:
- 928-524-6228 x245

Wednesday October 10
National Fossil Day

9am until 8pm: Demo Lab open at Painted Desert Visitor Center complex (Informal, allow 15-30 min)
11am & 2pm: Paleontology Lab Tours, meet at Painted Desert Visitor Center (allow 1 hour)
1:30pm until 3:30pm: Meet a Paleontologist at Rainbow Forest Museum (Informal, allow 15-30 min)

National Fossil Day is an annual family-friendly celebration held to highlight the scientific and educational value of paleontology and importance of preserving fossils for future generations. A perfect place to celebrate is right here at Petrified Forest!
National Fossil Day

**Date & Time**
10/14/2018 11:00 AM to 3:00 PM

**Fee Information**
$7.00 per adult (15 and younger free)

Florissant Fossil Beds National Monument will be hosting a National Fossil Day event on Saturday, October 14th from 11:00 AM - 3:00 PM. Activities include:

- Celebrate National Fossil Day with story time, fossil crafts, and a scavenger hunt. Earn a Junior Paleontologist badge by completing the Junior Paleontologist activity book.
- For more information please call the Monument at (719) 748-3253 ext 202 or email at e-mail us.

The Monument is located at 15807 Teller County Road#1 in Florissant, CO. The park is approximately 35 miles (1 hour) west of Colorado Springs off of Highway 24.

Follow us on Twitter at @FlorissantNPS and on Facebook/FlorissantNPS or visit the park's website at www.nps.gov/tflo

**Location:**
Florissant Fossil Beds National Monument

**Time:**
11:00 AM to 3:00 PM

**Fee Information:**
$7.00 per adult (15 and younger free)
Rosie on the House

INTERNATIONAL ARCHAEOLOGY DAY AT TONTO NATIONAL MONUMENT

DETAILS
Rosie on the House attending: No | Type: Free | RSVP: No | Website: Visit

Oct 20th, 2018 10:00 AM - 03:00 PM

Archaeological Institute of America
INTERNATIONAL ARCHAEOLOGY DAY
www.archaeologyday.org

Starting in 700AD, peoples/tribes of different backgrounds and locations would begin to blend and stake their claim around the Tonto Basin. This influx of individuals as well as the development of a community would persist for 700 years before the area was abandoned. This community would eventually become known as the Salado, and Tonto National Monument invites you to learn more about this area’s and peoples history! To celebrate International Archeology day, guests can paint original or existing Salado patterns on pottery during the first half of the day. The 2nd half beckons attendees on a guided hike down into the Lower Cliff Dwelling, a 700 year old Salado structure. The hike itself is free; however park admission fees still apply.
Archaeology Family Day 2018

Date: Saturday, October 20, 2018
Time: 10:00 AM - 4:00 PM
Location: Q/VAS, The Corcoran W. Whitney Science Education Center
Ground Floor, National Museum of Natural History
12th St. and Constitution Ave. N.W.
Washington, DC 20003 United States

The National Museum of Natural History, the Smithsonian Institution, and Archaeology in the Community invite you to a family-friendly event celebrating International Archaeology Day!

- **Talk to archaeologists.** Learn about fascinating finds, career paths, challenges in the field, and the joy of discovery.
- **Do archaeology.** Practice the skills archaeologists use to piece together the past. Participate in mock excavations, illustrate, decode ancient writing systems, experiment with artifacts, and analyze them.
- **Explore collections.** Examine museum artifacts in the Q/VAS Collections Room.
- **Get resources.** Find out about opportunities to get involved in archaeology in your community.

Archaeology Family Day is free and open to the public, but registration is requested. Registered guests will receive a special gift at the registration check-in table. Check-in anytime during the program.

Click the "Register" button below to sign up for the program.

Día Familiar de Arqueología 2018

Fecha: Viernes 20 de octubre, 2018
10:00 a.m. - 4:00 p.m.
Lugar: Q/VAS, Centro de Educación en Ciencias Corcoran W. Whitney
Para el Día de Arqueología Nacional de Historia Natural
12th St. and Constitution Ave. N.W.
Washington, DC 20003

El Museo Nacional de Historia Natural, el Smithsonian Institution, y Arqueología en la Comunidad, invitan a un evento familiar para celebrar el Día Internacional de la Arqueología.

- **Charla con arqueólogos.** Aprende sobre sus fascinantes descubrimientos, los caminos de su carrera, los desafíos en el campo y la emoción de descubrimiento.
- **Practica arqueología.** Practica las mismas habilidades que los arqueólogos usan para reconstruir el pasado. Participa en excavaciones simuladas, ilustración, decodificación de escritura antigua, experimentación con artefactos.
- **Explora colecciones.** Examina los artefactos del museo en la Zona de Colecciones de Q/VAS.
- **Obtén recursos.** Encuentra información acerca de oportunidades para involucrarte en la arqueología en tu comunidad.

El Día Familiar de Arqueología es gratis y está al público en general; sin embargo se requiere inscripción. Los participantes con inscripción recibirán un regalo especial en la mesa de registro. Inscribiéte en cualquier momento durante el programa.

Presiona el botón "Registrarse" para inscribirte al programa.
National Fossil Day Celebration in the Valley

Come and join Dinosaur Valley State Park in celebrating National Fossil Day October 8, 2016 from 2 PM until 3 PM at the park store. The celebration will be filled with fun activities that will include:

- "Fossil Dig" Search and discover marine fossils in the sand. Lots of fun!
- "Dino Excavation Station" Select an egg to excavate and discover the baby dinosaur inside. Excavation tools will be available.
- "Cookie Excavation" Act like a paleontologists and extract fragile chocolate chips from a cookie and then enjoy a snack.

Dinosaur Valley State Park
Map & Directions

Kathy Lenz
(254) 697-4588
kathy.lenz@tpwd.texas.gov
The Montana Dinosaur Trail

NATIONAL FOSSIL DAY CELEBRATION – MUSEUM OF THE ROCKIES

WHEN: October 17, 2018 @ 10:00 am – 7:00 pm
WHERE: Museum of the Rockies & Other Bozeman Locations
600 W Kagy Blvd
Bozeman, MT 59717
USA
COST: Some Free, Some Fees
CONTACT: 406.094.2251
Event website Museum of the Rockies

Celebrate National Fossil Day with Museum of the Rockies (MOR), Bozeman Public Library (BPL), and Children’s Museum of Bozeman (CMB) with dinosaur-themed activities all day long at these three Bozeman locations. National Fossil Day activities free at MOR & BPL, admission applies at CMB. MOR admission applies if you want to access the main museum and exhibits.
OHIO EARTH SCIENCE
TEACHERS ASSOCIATION

Welcome to Fall 2018…
and to Earth Science Week – 21st Anniversary!

"Earth as Inspiration"

Focus Days

Earth Science Week is happy to announce special days focusing on specific themes during the week-long celebration, October 14-20, 2018.

(Thursday, October 4 – Wednesday, October 10 – World Space Week)
(Saturday, October 13 – Astronomy Day)

Sunday, October 14 - International Earthcache Day.

Monday, October 15 - Earth Science Literacy Day.

Tuesday, October 16 - Earth Observation Day.

and No Child Left Inside Day.

Wednesday, October 17 - National Fossil Day.

Thursday, October 18 - Geoscience for Everyone Day.

Friday, October 19 - Geologic Map Day.

Saturday, October 20 - International Archaeology Day.

For additional information go to: www.earthsciweek.org

The Ohio Earth Science Teachers Association greatly acknowledges the American Geosciences Institute for providing “Free” Earth Science Week Toolkits for each of our members! ($8.50 value)

Can’t use the ESW Toolkit? – Please pass it on to a colleague.

Thanks so much!
SECO Science Symposium
January 28-29, 2019
Nationwide Hotel and Conference Center
100 Green Meadows Drive South
Lewis Center, OH 43035

Call for Presentation Proposals
Due October 15, 2018

For More Information and Registration
Go to: www.SECOonline.org

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

Special Offer for OESTA Members:

Each Presentation will earn you

$10 Rock Raffle Tickets!

or

1 year Membership Extension!

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

Join OESTA In Columbus
at the “SECO Science Symposium”
KU Natural History Museum Event, International Archaeology Day

WHERE: This event is over
WHERE: The Commons at Spooner Hall
1340 Jayhawk Blvd.
Lawrence, KS 66044

CALL: 785-864-6293

KU Natural History Museum Event, International Archaeology Day
10:00am — 1:00pm
Friday, October 26

Spooners Hall, 1340 Jayhawk Blvd, Lawrence, KS 66045

As part of the Archaeological Institute of America’s 7th Annual International Archaeology Day, KU’s Wilcox Classical Museum and the Natural History Museum’s Archaeology Division are opening their collections.

Tours begin at the NHM’s Archaeology Division in Spooner Hall and end at the Wilcox Classical Museum in Lippincott Hall. Tours are at 10am, 11am, and 12pm on October 26.

Please RSVP to Tashia Dare at ancient@ku.edu no later than Oct 23 by 5pm. When you RSVP, please indicate your preferred tour time.
National Fossil Day

October 16, 2019 @ 12:15 pm - 1:00 pm

StoryTime

Join us in celebrating National Fossil Day™ in the Paleontology Gallery.

This event is included with General Admission to the Museum.

National Fossil Day is hosted by the National Park Service and the American Geosciences Institute during Earth Science Week in October. National Fossil Day is a celebration organized to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational value.
The University of Memphis

INTERNATIONAL ARCHAEOLOGY DAY

October 20
10 - 3 PM

C.H. Nash Museum
CHUCALISSA
The University of Memphis

Schedule of Events:
- Tour of Excavation Trench 10:30
- Musial Storytime 11:30 & 2:00
- Bird of Prey Encounter 12:30
- Atlatl Spear-Throwing Competition 1:00
- Guided 1/2 Mile Hike 2:30

Activities include:
- Flint-knapping
- Bead weaving Craft
- Pottery Craft
- Handle Real Artifacts
- Face Painting
- And more!

All programming is included with regular admission: Free for children under 4 and adults with a UofM ID card, $4 for children ages 4-11 and seniors, and $6 for adults.

1987 Indian Village Drive
Memphis, TN 38109
(901) 785-3160
www.memphis.edu/chucalissa/
National Fossil Day Celebration

October 17, 2018 @ 5:00 pm – 8:00 pm | Charles H. Clapp Building

The University of Montana Paleontology Center will host its National Fossil Day Celebration on Wednesday, Oct. 17, with an open house for the public from 5 to 8 p.m. in UM's Clapp Building.

The center will mark the day with a free event from 5 to 8 p.m. in the Charles H. Clapp Building on the southeast corner of campus. Attendees are asked to enter through the building’s breezeway.

Activities include fossil identifications, tours of the displays and research collections, and a chance to hear about paleontological research going on at the center.
National Fossil Day

每位星期三, 十月 17 日上午 11:00 至下午 3:00

博物馆自然与文化历史
1600 E 15th Avenue, Eugene, OR

庆祝全国化石日的博物馆自然与文化历史! 加入一个以化石为主的发展, 并通过我们的探索俄勒冈展览, 探索俄勒冈深自然历史。演讲于中午 1:00、2:00 和 3:00 开始。

包括常规入场费用，对会员和 UO ID 卡持有者免费。

EVENT TYPE
Lectures & Presentations, Tour, Sustainability

DEPARTMENTS
Museum of Natural and Cultural History

TARGET AUDIENCE
All Students, Faculty/Staff, General Public, Families, Graduate Students, Alumni, Employers

WEBSITE
http://natural-history.uoregon.edu
Campus Events

International Archaeology Day: War, Peace, and the Feast - Conflict and Resolution in the Past

- October 20, 2018
- 1:00pm - 4:00pm
- UWM Sabin Hall, Room 165, 3413 North Downer Avenue, Milwaukee, WI, 53211, United States

War, Peace, and the Feast is a hands-on opportunity to experience the variety of ways that conflicts were contested, resolved, and prevented in the past as revealed in the archaeological record. We present three main themes about ancient conflict. First is the variety of ways in which conflicts could be contested. These contests could indeed be bloody wars, but also could take the form of smaller-scale ritual battles like those which are seen today in Chirajá, Peru. Myths also tell of sporting events taking place for warfare. Indeed, sports are well-known as a measure for pausing conflicts, as was the case in the ancient Olympics. We might infer that periodic sporting events both created social bonds between participants and released tensions before they could break into bloodshed. Finally, we present feasting as a key method in which social bonds were created as a means to provide stability and prevent conflict. With competitive feasting, we see the themes of War, Peace, and the Feast come full circle.

Come to the first floor of UWM's Sabin Hall (3413 N. Downer Ave.) and join us for an exciting afternoon doing archaeology with local specialists, ranging from experimental archaeology to helping identify and analyze ancient artifacts! FREE and open to the public. Fun for all ages.

Categories
- Alumni & Community
- Arts and Culture
- Academic Dates and Deadlines
- Career and Leadership Development
- Athletics and Recreation
- Lectures Conferences and Symposia
- Student Life

Audiences
- Public
- Students
- Faculty and Staff
- Prospective Students
ODNR encourages National Earth Science Week participation

The American Geological Institute (AGI) has organized National Earth Science Week since its creation in 1998. This year the theme is "Earth as Inspiration." According to AGI this is to, "emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century."

National Earth Science Week runs from October 14 to October 20, 2018.

Ohio Department of Natural Resources (ODNR) has planned activities and resource information available for residents and some specific items for teachers such as Earth Science week toolkits. Teacher toolkits, maps and publications can be ordered by visiting the Geologic Records Center, 2045 Morse Road, Building O-1, Columbus, 43229 or by calling 614-266-6575.

ODNR's division of Geological Survey has a pre-event week hike scheduled for Oct. 6, at Mohican State Park at 10 a.m. Staff geologists will lead hikes and other events at nine sites, including Caesar Creek State Park, Blackhand Gorge State Nature Preserve, the Ohio Statehouse and several Franklin County MetroParks according to a media release obtained by 13abc.

"My landlord said there was only one way I could avoid a rent increase."

Report sexual harassment.

Links to events, publications and to AGI are under the related link section of this webpage.
Free fall activities from our friends at Arizona Parenting Magazine!

Posted: 6:55 AM, Oct 19, 2018  Updated: 1:41 PM, Oct 19, 2018

Saturday, October 20
International Archaeology Day: Enjoy a full day of archaeology activities, crafts, and more! For all those archaeology lovers out there, visit online to register to receive two-for-one Museum admission for the day! 9am-4pm. Pueblo Grande Museum, 4619 E. Washington St., Phoenix. Call 602-495-0901 or visit, pueblo Grande.com
SIUE School of Engineering hosts imaging seminar
November 1, 2018

Southern Illinois University Edwardsville School of Engineering hosted a three-day training seminar and workshop Oct. 23-25 focusing on electrical resistivity imaging with the SuperSting Electrical Resistivity Imaging system. After SIUE students participated in the first two days, more than 15 attendees from various companies, the Missouri Transportation and natural resources departments, and Missouri University of Science and Technology joined for the third day.

The American Geosciences Institute Resistivity Imaging Seminar was designed for professionals who are involved in, beginning to consider, or have management responsibilities of others currently conducting DC resistivity or induced polarization imaging surveys.

DC resistivity and IP imaging is a non-intrusive electrical imaging technique, similar to an MRI or x-ray to diagnose problems in the human body.

"It is an emerging technology that leads to significant cost savings for subsurface investigations and constructions," said Reza Osouli, associate professor in the SIUE Department of Civil Engineering. "It allows for detection of subsurface geotechnical/structural layers, sinkholes, changes in moisture content, seepage or leakage in dams or levees, depth to bedrock, karst, anomalies or cavities, the boundary of landfills, and heavy metals in waste disposal facilities."

The hands-on seminar covered DC resistivity and IP imaging topics such as theory, data acquisition, field procedures, data processing, data presentation, and interpretation using the AGI SuperSting Earth Resistivity/IP/SP System and AGI EarthImager software.

"By hosting this event, the SIUE geotechnical program within civil engineering is further recognized among practitioners, state agencies and academics as a leader in use of innovative methods such as geophysical methods for geotechnical applications within our region," Osouli said. "Many state and federal agencies, as well as industries, are behind in regard to using such cost-saving techniques. This experience is extremely valuable as it helps establish SIUE as an institution that can expand and develop further applications of this technique for our region."

Follow AdVantage on Facebook and Twitter

Tags
SIUE featured

November 1, 2018
SIUE Host 'Energy Day'

The SIUE School of Engineering will host their first Energy Day on the Tuesday following the Thanksgiving holiday. Students and faculty will gather in the Morris University Center's Mississippi-Illinois Room, where the day will focus on energy topics and alternative energy source awareness.

Professor Serdar Celik tells the Big Z about the event.

for Celik's comments

Energy day kicks off at 1:00 pm in the Morris University Center on Tuesday, November 27th. Celik mentioned that the public are invited to attend the day's events. There will be presentations and a debate, closing with late-afternoon networking.

(Copyright WBGZ Radio / www.AltonDailyNews.com)
Welcome to the AAA Blog

October 20, 2018

Celebrate International Archaeology Day!

Celebrate this year’s International Archaeology Day with the officers and members of our Archaeology Division (AD).

“How do I love archaeology, let me count the ways... One of those is that archaeological research can disabuse us of stereotypes we hold about the past... and the present as well. For example, I’m working on a project extracting fingerprints from ancient pottery that clearly demonstrates that females and males were equally involved in pottery production in the US Southwest — there seems NOT to have been any clear gendered division of labor. Pretty awesome!”

– John Kantner, PhD, RPA, Treasurer
Associate Vice President for Research Dean of the Graduate School
University of North Florida

“I love archaeology because it’s not just about digging up awesome ancient stuff (although it’s that too!). For me, archaeology is about asking how humans use, experience, and create meaning through the things we make. The entirety of humanity is wrapped up in our stuff. Archaeologists help us understand our world through the material culture we need, love, and loathe.

Happy International Archaeology Day! Leave your note about why you love archaeology in the comments, or tag us on Twitter and use #IAD2018.
What inspires you? Earth Science Week 2018

Posted by Laura Guertin

Earth Science Week inspires me to take action to facilitate education and awareness to the campus and local community about Earth science. How are you inspired to share Earth science?

Happy Earth Science Week! Each October, the American Geosciences Institute (AGI) organizes a global celebration to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth. This year’s theme is “Earth as Inspiration” to emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century. According to AGI’s website, the theme will promote public understanding and stewardship of the planet, especially in terms of the ways art relates to geoscience principles and issues as diverse as energy, climate change, the environment, natural disasters, technology, industry, agriculture, recreation,

and the economy.

How is your institution/organization connecting to the Earth as Inspiration theme? As the only geologist on my campus, I knew this was the perfect theme to get the wider campus community engaged in various activities. And even though we planned out many events for the week ahead of time, having Hurricane Michael make landfall in Florida and the release of the IPCC Report Global Warming of 1.5°C on the first day of Earth Science Week actually generated a surge of interest in learning about Earth science from all audiences.

These are the activities we’re doing on campus – and note the connections I made across campus to broaden the network involved:

- We’re hosting our own campus Earth Science Week photo contest on the theme of Earth as Inspiration. Through a campus-wide popular vote, our faculty, staff, and students are selecting award winners in the student category and faculty/staff category. I developed the contest with the Instructional Design Specialist in our Office of Academic Affairs, as he was looking for ways to encourage more people on campus to utilize the Adobe Creative Suite of software our university provides. We held information sessions, formed a website, and some faculty included the contest as part of their syllabus (including faculty outside of STEM courses). The voting is taking place as I write this post, and on Friday, we’ll have an awards ceremony and reception in our campus library to recognize the winners.
- Our campus library has been a key partner in so many of my Earth science/sustainability activities. They generated an entire book display at the entrance to the library for the week.
- I connected with all the STEM faculty on campus and asked if any of them had creative work they would like to display in the library during the week. We used the Earth as Inspiration theme to generate a STEAM display by our STEM faculty! We have an original painting of a landscape and samples of 3D printing, origami, science-themed quilting, and crocheted coral, thanks to faculty from biology, math, and Earth science.
- Speaking of crocheted coral... our math faculty worked with our Math Club to host a campus-wide event to learn how to crochet coral (OK – so the event also sneakied in some content knowledge about hyperbolic planes)! We had a room packed with students wanting to learn how to crochet, and throughout the rest of the week, we are creating a collaborative campus coral reef!
- This evening, our two sustainability-themed committees on campus are working with our Sustainability Club to host a screening of the new James Balog documentary The Human Element. This screening is open to the campus and the public, and we’ll have campus scientists lead the Q&A and a discussion after the viewing.

I’m excited about the energy and enthusiasm on campus this week, having colleagues from across all disciplines show interest and support for Earth science. May this week continue to inspire even more programming and conversations throughout the academic year for us all!
What inspires you? Earth Science Week 2018

Posted by Laura Guettin

Earth Science Week inspires me to take action to facilitate education and awareness to the campus and local community about Earth science. How are you inspired to share Earth science?

Happy Earth Science Week! Each October, the American Geosciences Institute (AGI) organizes a global celebration to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth. This year’s theme is “Earth as Inspiration” to emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century. According to AGI’s website, the theme will promote public understanding and stewardship of the planet, especially in terms of the ways art relates to geoscience principles and issues as diverse as energy, climate change, the environment, natural disasters, technology, industry, agriculture, recreation, and the economy.

How is your institution/organization connecting to the Earth as Inspiration theme? As the only geologist on my campus, I knew this was the perfect theme to get the wider campus community engaged in various activities. And even though we planned out many events for the week ahead of time, having Hurricane Michael make landfall in Florida and the release of the IPCC Report Global Warming of 1.5°C on the first day of Earth Science Week actually generated a surge of interest in learning about Earth science from all audiences.

These are the activities we’re doing on campus — and note the connections I made across campus to broaden the network involved:

- We’re hosting our own campus Earth Science Week photo contest on the theme of Earth as Inspiration. Through a campus-wide popular vote, our faculty, staff and students are selecting award winners in the student category and faculty/staff category. I developed the contest with the Instructional Design Specialist in our Office of Academic Affairs, as he was looking for ways to encourage more people on campus to utilize the Adobe Creative Suite of software our university provides. We held information sessions, formed a website, and some faculty included the contest as part of their syllabus (including faculty outside of STEM courses). The voting is taking place as I write this post, and on Friday, we’ll have an awards ceremony and reception in our campus library to recognize the winners.

- Our campus library has been a key partner in so many of my Earth science/sustainability activities. They generated an entire book display right at the entrance to the library for the week.

- I connected with all the STEM faculty on campus and asked if any of them had creative work they would like to display in the library during the week. We used the Earth as Inspiration theme to generate a STEAM display by our STEM faculty! We have an original painting of a landscape and samples of 3D printing, origami, science-themed quilting, and crocheted coral, thanks to faculty from biology, math, and Earth science.

- Speaking of crocheted coral... our math faculty worked with our Math Club to host a campus-wide event to learn how to crochet a coral! (OK — so the event also sneaked in some content knowledge about hyperbolic planes) We had a room packed with students wanting to learn how to crochet, and throughout the rest of the week, we are creating a collaborative campus coral reef!

- This evening, our two sustainability-themed committees on campus are working with our Sustainability Club to host a screening of the new James Belling documentary The Human Element. This screening is open to the campus and the public, and we’ll have campus scientists lead the Q&A and a discussion after the viewing.

I’m excited about the energy and enthusiasm on campus this week, having colleagues from across all disciplines show interest and support for Earth science. May this week continue to inspire even more programming and conversations throughout the academic year for us all!
OCTOBER 17, 2018

A Passion for Paleontology: Going Beyond Brontosaurus

Posted by Laura Lyon

Today is the fourth day of Earth Science Week, National Fossil Day. We talked to paleontologists Hearth Ford of Queen Mary University of London, Ryan Haupt of the University of Wyoming, and Andrew Zaffos of the Arizona Geological Survey in the University of Arizona. Ryan has previously celebrated National Fossil Day with us here at The Bridge. Read his post here.

Fossils, the remains and traces of organisms, often invoke imagery of prehistoric forests and ferocious velociraptors. While giant dinosaurs such as the American Museum of Natural History’s 122-foot-long Titanosaurus get the most attention, fossils come in all shapes and sizes! Most fossils are formed when an organism dies and is rapidly buried in sediment. Water seeping through the ground penetrates the remaining shell or bone, and eventually these remains are replaced with minerals from the water. Over time minerals build up and turn the shell or bone into stone, creating a fossil (for those interested the National Parks Service has a great FAQ). For National Fossil Day, we talked to three paleontologists who study fossils of different sizes using a variety of techniques.

Heather Ford is paleoceanographer and lecturer at Queen Mary University of London. She uses tiny fossils the size of a single grain of sand to explore the ocean’s history. Using the chemistry of these fossils, she can learn about the temperature and carbon properties of oceans in the past. Ryan Haupt is a paleontology PhD candidate and podcaster at the University of Wyoming. He studies the diet and ecology of fossil and modern sloths using proxy methods such as teeth surface texture and feces composition. Ryan summarizes it as “…trying to un-weird the weirdness that make up all things sloth.” Andrew Zaffos is a data scientist Arizona Geological Survey in the University of Arizona. He focuses on long-term trends of regional and global biodiversity. An example of his recent work is a study on the complex relationship between plate tectonics and the total number of species on the planet. These scientists want to show that paleontology is more than digging for bones, so
International Archaeology Day

AIA-Spokane Society Hosts “Archaeology and the Humanities” for IAD

January 23, 2018

Nearly 100 people attended the “Archaeology and the Humanities” conference for IAD on the Gonzaga University campus. (Photo Courtesy of A. Goldman)

The AIA-Spokane Society, in conjunction with Gonzaga University, co-hosted a day-long conference, “Archaeology and the Humanities,” on International Archaeology Day.

The event featured short lectures on different archaeological paradigms (Greek, Roman, and landscape archaeology) by 13 field archaeologists, ancient historians, and art historians from ten West Coast institutions. Within their talks, the speakers related their recent fieldwork, research, and pedagogy to the larger field of humanities, focusing upon the broader contributions being made by the discipline of archaeology towards understanding human interactivity and ideas across time and space.

Financial support from the AIA helped to sponsor a lunch for students and the speakers, providing undergraduates from four different universities with an opportunity to meet the visiting scholars. Nearly 100 people attended some or all of the lectures over the course of the day, a group that included many of our dedicated AIA community members.
International Archaeology Day

University of Georgia Holds Seminar at Samshvilde Archaeological Complex

February 13, 2018 | by

On October 25th-27th, 2017, the International Archaeological Center of the University of Georgia, with the Quality Schools International Tbilisi, organized a special seminar and hiking tour to Samshvilde complex in central Transcaucasia for International Archaeology Day.

The seminar was held by Professor David Benkashvili of the International Archaeological Center of the University of Georgia and archaeology students Levian Kvashadze and Nicholas Gazetelian, both of the University of Georgia. Sir Michael Evan and the students of QSI-Tbilisi hosted the event. After the seminar, the participants visited the main sights and excavated sections of Samshvilde archaeological complex. Students also attended a workshop on obsidian knapping and Neolithic stone tool making.

CONTACT US  MEMBERSHIP  SOCIETIES

Meredith Anderson Langitz: mlangitz@archaeological.org
Ben Thomas: bthomas@archaeological.org

Join or Renew Today!
Membership Benefits
Give the Gift of Membership
Museum Partners

Find a Society
AIA Lecture Program
Society Outreach Grant
Society Membership Benefits
Events

International Archaeology Day fair

*Sponsored by Jacksonville Society and Beaches Museum and History Park*

**AIA Society: Jacksonville**

**Saturday, October 20, 2018**

**Location:**
Beaches Museum and History Park  
381 Beach Blvd  
Jacksonville Beach, FL 32250  
United States

Various organizations related to archaeology have been invited to display information about their mission and to have interactive activities for attendees. Our organization will demonstrate how natives made string from plants and how they made thatched walls. We will also have a pottery station where people can make their own pots using the native methods. The museum will have a simulated dig where children can uncover artifacts, bag them and label them. At noon, a well-known local archeologist, Dr. Sassaman, will present a lecture in the 1887 chapel. There will be refreshments after the lecture in front of the chapel and people can socialize.

**Contact Information**

Melva Price

aiajaxsoc@gmail.com

(904)241-9411
Diverse offerings amongst IAD 2018 events submitted so-far this year!

IAD 2018 preparations are well underway!

While many faculty researchers are off conducting fieldwork and museums and parks are in full tourist-season, organizations are still finding time to plan their October events. Submissions have come already from a dozen countries and range from open houses, to conferences, to Archaeology Fairs, to performance art (see below!), to behind-the-scenes tours, to hands-on workshops, and more. Our listings are inclusive so archaeology can be shared and enjoyed by a wider range of the public.

Accordingly, we focus on October 20th as International Archaeology Day but aim to promote the discipline throughout the month. Please keep submissions coming (submit your event). Pick the day and the type of event that works best for your organization. We will promote it on our website, and hope that you will similarly promote IAD 2018 on your mailings and digital platforms. And, if you only have a virtual platform, consider becoming a Collaborating Organization that commits to publicizing IAD to your membership (Collaborating Organization agreement form).

Let’s make this the biggest IAD so far!

Featured COs with No Events

Journal of Open Archaeology Data
Militancia Cultural, Inc.
Open Quaternary
Ubiquity Press
Events

LECTURES  FOURS  INTERNATIONAL ARCHAEOLOGY DAY  CONFERENCES  FIND AN EVENT

Explore Philly’s Buried Past, 2018!

Sponsored by Independence National Historical Park and Philadelphia Archaeological Forum

Saturday, October 6, 2018

Location:
National Constitution Center Kirby Auditorium (2nd fl)
525 Arch Street
Philadelphia, PA 19100
United States

Website:
http://www.phillyarchaeology.org

CFP Deadline: Saturday, September 1, 2018

EXPLORE PHILLY’S BURIED PAST, 2018!

A Pennsylvania Archaeology Month and International Archaeology Day Event

Date: Saturday October 6th, 2018 (10:00am-3:00pm)

The ‘Explore Philly’s Buried Past!’ day-long event presents to the public the latest archaeological artifacts and site discoveries from the tri-state area (Southeast Pennsylvania, Southern New Jersey, and Northern Delaware). Over the past thirteen years, more than 350 presentations of cutting-edge, archaeological research have been made to thousands of members of the local public. Join us this October to share your latest news and ideas.

Discover the history beneath your feet!
See the latest archaeological artifacts found in our area!
FREE event! Open to All! ‘Stop in’ or stay all day. No reservation required.

Co-sponsored by Independence National Historical Park
and the Philadelphia Archaeological Forum

VENUE: National Constitution Center
Kirby Auditorium (2nd fl) 525 Arch Street (Parking/Directions ...)

2018 Program in Progress. View Past Program schedules at: http://www.phillyarchaeology.net/paf-activities/pastevents/

Call for Presenters information: http://www.phillyarchaeology.net/paf-activities/pastevents/call-for-pres...

Contact Information
Jad Levin
jed_levin@nps.gov
267.787.2248

The Future of West Virginia Archaeology
August 18, 2018

Tinker, Tailor, Soldier, Sailor: Gender and the Colonization of North Atlantic Worlds
Archaeological Institute of America
August 19, 2018

Visualizing Ancient Egyptian Coffins: The Book of the Dead in 3D
American Research Center in Egypt, Northern California Chapter
August 26, 2018

ALL NEWS

May/June 2018 COs
More than 100 groups signed on to be Collaborating Organizations for IAD 2018 in May and June.

Achill Island 2018: Week 11
Work at Caraun Point continued at Building 3 this week, removing the thin deposits of wind-blown sand.

Achill Island 2018: Week 10
This week we opened our two trenches at Caraun Point and took a field trip to Achill Island’s northern coast.

DIG DEEPER

Subscribe to the AIA e-Update

SIGN UP!

SUBSCRIBE TO THE DIGITAL EDITION & SAVE $15
Get Immediate Access!
Archeology Fair

Sponsored by Friends of the History Center

Sunday, October 21, 2018 - 1:00pm to 4:00pm

Location:
301 E. Cedar St.
E. Cedar St.
Rockport, TX 78382
United States

Website:
http://www.thehistorycenterforaransascounty.org

The History Center will hold an "Archeology Fair" on Sunday, October 21, 1-4 PM to celebrate International Archeology Day and join with the THC and TAS in promoting archaeology in Texas. The Archeology Fair will feature pottery making, tools of early people, weaving, face-painting, archery and building a wiki-up.

Learn more about regional archaeology and sites by attending bi-weekly talks at the History Center on Sundays at 2 PM. Detailed schedule will be available online at www.thehistorycenterforaransascounty.org.

Contact Information
Pam Stranahan
pamwheatstranahan@gmail.com
361 400-4038
International Archaeology Day

IAD 2017 Recap: Save Cultural Heritage Group, Pakistan

August 21, 2018

From Pakistan: Save Cultural Heritage Group organized an event for our belated celebrations of International Archaeology Day in partnership with the Archaeological Institute of America, Silkroad Centre, Department of Sociology and Taxila Institute of Asian Civilizations. Quaid-i-Azam University, Islamabad hosted these belated celebrations of International Archaeology Day on Wednesday, November 22, 2017, from 9:00 am to 6:00 pm.
Events

Forts, Flags, and artiFacts!

Sponsored by The Florida Department of Environmental Protection’s San Marcos de Apalache Historic State Park and National Park Service’s Southeast Archeological Center

Saturday, October 27, 2018 - 10:00 am to 4:00 pm

Location:
San Marcos de Apalache Historic State Park
145 Old Fort Road
St. Marks, FL 32355
United States

Take time out from eating stone crabs and join the National Park Service’s Southeast Archeological Center (SEAC) and the Florida Department of Environmental Protection’s State Parks in celebrating International Archaeology Day, October 27, 2018, 10:00 a.m. to 4:00 p.m. at San Marcos de Apalache Historic State Park, St. Marks, Florida. Come learn about the history and culture of the panhandle region as we celebrate local and national efforts to preserve, protect, and interpret the stories of the past for future generations.

This is a family friendly (and free) event that will be interesting for all ages! It coincides with the City of St. Marks’ annual Stone Crab Festival. So enjoy the festivities in St. Marks, then come on over to the park and learn about archaeology.

SEAC is pleased to be working with Florida State Parks, which manages and interprets San Marcos de Apalache Historic State Park. The park consists of several earthwork mounds including a Confederate Magazine and a museum.

International Archaeology Day was initiated by the Archeological Institute of America to help raise awareness about archaeology. This marks the fifth year that the National Park Service and Florida State Parks have partnered for this International Archaeology Day event.

For more details about this local International Archaeology Day event, contact Meredith Wadley of the NPS Southeast Archeological Center at 850.580.8420. For more information about San Marcos de Apalache Historic State Park, contact Bonnie Allen at 850.925.0210 or visit the park website at www.floridastateparks.org/sanmarcos. Information about the Southeast Archeological Center can be found by visiting their website at www.nps.gov/seac and also on Facebook.com/NPSSEAC.

Contact Information

Bonnie Allen

Bonnie.Allen@dep.state.fl.us

850.925.0210
International Archaeology Day 2018 (Mezinárodní den archeologie 2018)

Sponsored by Czech Institute of Egyptology and The Faculty of Arts of Charles University

Saturday, October 20, 2018 - 10:00am to 4:00pm

Location:
Mezinárodní den archeologie na Filozofické fakulte Univerzity Karlovy
Celetná 20
Prague 11000
Czechia

Website:
https://cegu.ff.cuni.cz/cs/

Do you want to meet real Egyptologist and ask him something about his work or the history of Egypt? Do you want to learn more about latest discoveries of the Czech team working in Egypt? Is there something you always like to know about old Egyptian writing, mummification or the world of Egyptian gods? Or you only wish to enjoy your leisure playing old Egyptian games (senet and mehen) or trying to write as old Egyptians did? So this day and place is exactly what you are searching for. Come and join us! Visitors from age 0 to 99 are welcome. You will learn many new things in an entertaining way.

Contact Information
Alexandra Pastoreková
alexandra.pastorekova@ff.cuni.cz
00420775398697
Echoes from the Age of Stone

Sponsored by The OTS Foundation for Neolithic Studies

Saturday, October 20, 2018 - 11:00am to Sunday, October 21, 2018 - 5:00pm

Location:
Eckerd College
4200 54th Avenue South
St. Petersburg 33711
United States

Website:
http://www.otsf.org/echoes-exhibition.html

A new multimedia touring exhibit about the archaeology of sound and the world’s oldest buildings. The OTS Foundation for Neolithic Studies is partnering with Eckerd College’s Visual Arts discipline to premiere Echoes from the Age of Stone on International Archaeology Day, Saturday, October 20 through Sunday, October 21 from 11 a.m. to 5 p.m. in The Elliott Experimental Gallery in the Nielsen Center for Visual Art at Eckerd College, 4200 54th Avenue South, St. Petersburg, Florida 33711.

Imagine being inside a time capsule from prehistory, where sound plays tricks and primordial ghosts were artists & architects …

The centerpiece of the exhibit is an interactive audio/visual installation featuring original recordings made during Archaeoaoustic research inside a 6,000 year-old mortuary shrine. Archaeoaoustics is the systematic multidisciplinary study of sound in ancient ritual, ceremonial and performance spaces, and the human experience thereof.

Echoes from the Age of Stone is the end product of years of research and development. Sincere thanks for support are given to Heritage Malta, The German Archaeological Institute, the late Dr. Klaus Schmidt and the National Museum of Archaeology in Sanlurfa, Turkey.

Echoes from the Age of Stone (website http://www.otsf.org/echoes-exhibition.html) has been prepared to visit colleges and universities, activity centers and other venues around North America. The exhibit is the product of The OTS Foundation for Neolithic Studies, with offices in Manatee County, Florida and the Mediterranean island of Malta. OTSF is a United States of America not-for-profit 501 (c)(3) educational foundation, which has also for 20 years provided international educational programming for the Road Scholar organization.

Curating the event is Linda C. Eneix, author of Listening for Ancient Gods.

Contact Information
Michelle Alexander
info@OTSF.org
9418034906
On International Archaeology Day, the Society of Iranian Archaeologists, in cooperation with the University of Tehran’s Archaeology Institute, held a "Horizon of Archaeology" event—a friendly session that included archaeology professors, scientists who work in interdisciplinary fields involving archaeology, and students in the University of Tehran’s Archaeology Department. Dr. Mousavi, head of the Society, opened with words about the history of Archaeology Day. After that, a lecture was presented about the extent of modern archaeology and the necessity of starting new fields of study in universities. This was followed by a panel of five experts who have worked for many years in interdisciplinary fields (archaeometry, archaeogenetics, archaeogeophysics, paleochemistry, paleoclimatology) talking about their experiences in archaeology. Their experiences included: how they got to know the field, its pros and cons, and a brief history of their archaeological studies around Iran. In total, 120 people participated in the day’s activities.
International Archaeology Day

IAD in Cleveland, Ohio

October 22, 2018

The AIA-Cleveland Society (Cleveland Archaeological Society) celebrated International Archaeology Day this past October 13, 2018 at the Cleveland Museum of Natural History. This event, which featured archaeologists and scholars from universities and private commercial firms around Northeast Ohio, was well attended by over 1,400 people. This event was tied to Ohio Archaeology Month, International Archaeology Day, and to the museum’s Earth Science day. Our table featured various hands-on displays and literature about our society and its annual lecture series.
Main Street Guymon, an organization dedicated to the history, culture, and commerce of historic downtown Guymon, Oklahoma, hosted a lecture celebrating the cultures of local Ethiopian and Eritrean immigrants for International Archaeology Day 2018. Guymon has significant Ethiopian and Eritrean populations and so Main Street Guymon invited Dr. Dan Mains from the University of Oklahoma to come and tell attendees more about the cultures and people. He did a fabulous job, actually meeting with several of the Ethiopians in Guymon prior to the lecture and representing them to the group, too. The lecture was perfect for the community and helped to bridge some misunderstandings. Event organizers report that the community now feels better connected. The question and answer period was excellent and the questions actually went for 30 minutes past the expected time.
International Archaeology Day

6th Annual Archaeology Expo Held in Riverside

October 26, 2018

The AIA-Riverside Society’s 6th annual Archaeology Expo was held on International Archaeology Day at the Hidden Valley Nature Center, in Riverside, California. Sixteen exhibitors representing academic, CRM, and government archaeology presented a wide range of archaeological technologies to nearly 300 visitors.

Participants threw spears using atlatls, identified artifacts, put on VR headsets to walk through Maya sites, discovered ancient Egyptian amethyst mines, and much more. The AIA table was the location for kids to turn their stamped "passports." They also gave out California Archaeology Month posters and back issues of ARCHAEOLOGY magazine.
International Archaeology Day

IAD Celebrated in Peja, Kosovo

October 26, 2018

For International Archaeology Day Dr. Sefer Lajqi gave the lecture “Archaeological Cultural Heritage” to students at the University of Peja. IAD celebrations that day also included a guided visit of an archaeological exhibition at the Museum of Peja geared towards children.
International Archaeology Day

Archaeology of Sound to Launch for IAD 2018

October 19, 2018

The OTS Foundation for Neolithic Studies will launch its new audio/visual encounter with the Archaeology of Sound to commemorate International Archaeology Day. On the heels of three international multi-disciplinary conferences and the on-site collection of data, the Florida based organization has produced an interactive display about the study of sound in ancient ritual, ceremonial and performance contexts. The centerpiece of the exhibit is an interactive audio/visual installation featuring original recordings made during Archaeoacoustic research inside a 6,000 year-old mortuary shrine: Malta’s Hal Saflieni Hypogeum. For those who are interested in human history, full color informational panels present a fascinating and compelling premise. For those who prefer to bypass the hard stuff, it’s just plain fun.

Florida enthusiasts of antiquity are invited to one of the state’s newest art galleries to preview the new multimedia touring exhibit. The OTS Foundation for Neolithic Studies has partnered with Eckerd College’s Visual Arts discipline to premiere “Echoes from the Age of Stone” on Saturday, October 20 through Sunday, October 21 at The Elliott Experimental Gallery, Nielsen Center for Visual Arts in St. Petersburg, Florida.
Family Funday: Digging History

Sunday October 21, 2018 - 11:00am to 4:00pm

Location:
Royal Ontario Museum
100 Queens Park
Toronto, ON M5S 2C6
Canada

Dig into history as the ROM celebrates International Archaeology Day! From the oldest tools ever used by hominids to the latest technology available to archaeologists, dig, decipher and uncover the secrets to our shared human past.

Activities run from 11:00 am to 4:00 pm. Free with Museum admission.

Digging the Greeks: Dig into Greek history with experts from the Museum of Cycladic Art in Athens. Program Partner: Consulate General of Greece

Archaeological Institute of America Diga the ROM: The AIA-Toronto Chapter helps the ROM celebrate International Archaeology Day with bone, pots, re-enactors, and so much more. Find out what archaeology is really all about!
Program Partner: Archaeological Institute of America-Toronto Society

Archaeology Centre: Meet some amazing archaeologists from the University of Toronto who are engaged in groundbreaking research around the world.

Ancient Cyprus: Dive into the sophisticated and rich history of Cyprus with ROM experts and get up-close to objects from an island that lay at the crossroads of history.

The CRANE Project (Computational Research on the Ancient Near East): Meet the CRANE team, an international and interdisciplinary research team and find out how technology and collaboration is changing our understanding of archaeology in the Near East.

From the Field: Join Dr. Deira Foran and Wilfrid Laurier archaeology students and discover their exciting research and experiences in the field.

Live at the ROM: Immerse yourself in ancient Roman military and civilian life with our special guest Roman re-enactors from the Principia Legions.

Roman Military Demonstrations: Watch as Roman soldiers demonstrate how arms and armour were used and take part in a Roman military drill. 12:30 & 3:30 PM (approx. 20 mins in length)

Digging Ontario: Dig into the last 10,000 years of this land’s past and find out how you can help protect our unique and fragile legacy for future generations with the Ontario Archaeological Society.

Living Viking History: Dive into the daily lives of these legendary explorers, artists, and craftspersons with the re-enactors from Program Partner Torvik and Wulfrurp.

- Viking Villas: Who will you meet from the Viking village today? Talk with explorers, warriors, farmers, and artisans about their daily lives.
- Make a Shield Wall: Grab a shield, join the front line, and imagine yourself as a Norse warrior. Ready? Set? GETAAAAAAHHHHH! 11:00 AM & 2:00 PM

The Maple Leaf Forever: Mark the 100th anniversary of Armistice Day by recreating life in the trenches and on the Homefront during WWI.

Visitng artist: Join master block carver Kondra Gangadhar, dye expert Jagoda Rajappa, and researcher Rajarani Sengupta and explore the arts of carving woodblock, dyeing with natural sources, and weaving complex silk miroocloth in the Decan, 11:00 AM - 12:30 PM and 1:30 - 3:30 PM

Ancient Nubia: Out of the Vaults - Chip away at early Hurrian history and explore stone tools from modern Sudan and Egypt.
International Archaeology Day

IAD 2018 Spotlight on Auckland, NZ

October 17, 2018 | by Mary Meninnow, Senior Specialist: Community Heritage, Auckland Council

The Auckland Heritage Festival is an annual festival put on by Aucklanders for Aucklanders. The 2018 festival theme was Ngā iwi o Tāmaki Makaurau – Celebrating the heritage of our people. The theme encouraged Aucklanders to reflect on the unique heritage of the Auckland region and the people and communities that have shaped Auckland’s history and development.

With over 200 events included in the 2018 Auckland Heritage Festival, it was difficult to select only a handful to highlight for International Archaeology Day (which is a good problem to have)! Because there were a variety of events included in this year’s festival with a strong archaeological theme, I decided I would go check them out and report back for International Archaeology Day.

One of the most memorable events that I was able to attend was, “Digging up the Past: Archaeology for the Young and Curious” presented by archaeologist Dave Veart. While the talk was aimed at a younger audience, I found that there was something for all ages in the talk – I know I certainly got a lot out of it! Covering topics such as his work at Waitakaruru (a significant site in New Zealand) to his involvement in investigating the mystery around North Head’s missing military aircraft, I found myself on the edge of my seat for the duration of the talk. The talk concluded with an activity for all the children in the audience, where they were asked to look at a few “artefacts” through the eyes of an archaeologist! It was an exciting and educational event for everyone there!

After Dave Veart’s talk, I headed out west to Waikumete Cemetery for the 100 year commemoration service of the influenza pandemic.

Waikumete Cemetery was established in 1886 and is New Zealand’s largest cemetery, occupying a site of 108 hectares. The 1918 influenza pandemic remains New Zealand’s worst disease disaster to date, with Auckland’s death toll the largest at 1,128. Over a third of Auckland’s influenza victims were buried at Waikumete Cemetery, making Waikumete Cemetery an appropriate place to hold the commemoration service in Auckland. The service started with a kākākō and welcome, followed by two very moving and informative speeches about the pandemic and its effect on everyday Aucklanders.
Living or Dead?

October 3, 2010

Were these archaeological sites built primarily for the living or the dead? Check back each weekday from now until International Archaeology Day to try new puzzles.

Be sure to enter the daily drawing at the bottom of this page for a chance to win fun prizes! This week's prize is a 1-year membership to the Archaeological Institute of America.

Quiz powered by splore

Were these archaeological sites built primarily for the living or the dead?

<table>
<thead>
<tr>
<th>HINT</th>
<th>ANSWER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Al-Khazneh/The Treasury (Petra)</td>
<td>Newgrange</td>
</tr>
<tr>
<td>Ball Court (Chichen Itza)</td>
<td>Palace of Xerxes (Persepolis)</td>
</tr>
<tr>
<td>Castel Sant'Angelo</td>
<td>Parthenon</td>
</tr>
<tr>
<td>Colosseum</td>
<td>Pharos of Alexandria</td>
</tr>
<tr>
<td>Craig Mound (Spiro Mounds)</td>
<td>Qhapaq Nan</td>
</tr>
<tr>
<td>Great Wall of China</td>
<td>Skara Brae</td>
</tr>
<tr>
<td>Great Zimbabwe</td>
<td>Sutton Hoo</td>
</tr>
<tr>
<td>Gür-i Amır</td>
<td>Taj Mahal</td>
</tr>
<tr>
<td>Hadrian's Villa</td>
<td>Temple of the Inscriptions (Palenque)</td>
</tr>
<tr>
<td>Mount Li</td>
<td>Valley of the Kings</td>
</tr>
</tbody>
</table>

Score: 0/20   Timer: 05:00
International Archaeology Day

US or Canadian National Park?
October 17, 2010

National parks are great places to find out more about archaeology. Do you know which national historical parks (or monuments) are operated by the US and which by Canada? Check back each weekday from now until International Archaeology Day to try new puzzles.

Be sure to enter the daily drawing at the bottom of this page for a chance to win fun prizes! This week’s prize is a 1-year membership to the Archaeological Institute of America.

Quiz powered by sporcle

Do you know which national historical park (or monument) is operated by which nation?

Score: 0/30  Time: 03:00

Hint Answer

Hint Answer

Hint Answer

Hint Answer
International Archaeology Day

Where in the World?
October 18, 2016

Can you name the modern country the archaeological site is located in? Check back each weekday from now until International Archaeology Day to try new puzzles.

Be sure to enter the daily drawing at the bottom of this page for a chance to win fun prizes! This week’s prize is a 1-year membership to the Archaeological Institute of America.

PLAY

Can you name the modern country the site is located in?

SCORE 0/20  05:00

PLAY

HINT  ANSWER
L’Anse aux Meadows
Aksum
Carnac
Copán
Borobudur
Persepolis
Cyrene
Harappa
Uffington Horse
Pueblo Bonito

HINT  ANSWER
Cueva de las Manos
Angkor Wat
Rano Raraku
Karnak
Laetoli
Dolos
Vikramshila
Jerash
Herculaneum
Chan Chan
Innovative, problem-solving, and critical-thinking skills are as important to the arts as they are to the Earth sciences. That's why Earth Science Week 2018 is celebrating the theme of "Earth as Inspiration," promoting public understanding of the geosciences and emphasizing artistic expression as a powerful way of strengthening Earth science education in the 21st century.
Worth Noting: Junior League to hold fundraiser with help of The BLVD!

The Junior League of Bakersfield is partnering with a months-old entertainment complex for a fundraising event on Wednesday.

The BLVD!, 3200 Buck Owens Blvd., will host the fundraiser from 11 a.m. until midnight in support of the women’s organization. The Junior League promotes volunteerism and improving the community through action and leaders.

The BLVD will donate 15 percent of sales on Wednesday to the organization when customers present promotional fliers for food, beverage and activities.

To download fliers and for more information, visit facebook.com/JLBakersfield/events.

The Kern High School District will be holding its annual Energy Day on Wednesday.

The event runs from 9 to 11 a.m. at Lakeside School, 14535 Old River Road. Juniors from Independence High School’s Energy & Utilities Career Academy will be teaching students from second through eighth grade about petroleum, wind, solar and other types of energy.

The goal of the event is to get children interested in pursuing career fields relating to science and math.

For more information, call 827-3100.

The Independence students worked with mentors from local businesses and their teachers to develop the lessons they shared with the younger students.
Students become the teachers at Energy Day at Lakeside School

by BakersfieldNow staff | Wednesday, November 7th 2018

BAKERSFIELD, Calif. (KBAK/KBFX) — Independence High School students took a turn at being teachers on Wednesday.

Juniors from Independence High’s Energy & Utilities Career Academy went to Lakeside School to teach science to students in second through eighth grade.

The student “teachers” focused on the science of petroleum, wind, solar, hydropower, hydrogen and hydrogen fuel cell energy.

“They’re just out here to really get kids excited about science, energy, potential careers that are, you know, abundant in Kern County and just really connect with little kids and get them moving,” Aaron Jacobson, Independence science teacher and coordinator for the Energy Academy, said.

The Independence students worked with mentors from local businesses and their teachers to develop the lessons they shared with the younger students.
Before It’s News

Earth Science Week in Pune, India

Monday, February 19, 2018 5:30

Headline: Bitcoin & Blockchain Searches Exceed Trump! Blockchain Stocks Are Next!

Earth Science Week last year took place all across the UK and Ireland - but is increasingly going global. In November, the NGO Jividha - meaning ‘biodiversity’ in Marathi - held a four day exhibition in association with Earth Science Week in Pune, India.

Jividha is a Pune based NGO which has been raising awareness of Earth Science Week since 2013 by holding an exhibition involving lectures, displays and demonstrations. The events are regularly attended by thousands of people interested in finding out more about the Earth and how it affects our lives.

In 2017, the exhibition matched our theme of ‘Our Restless Earth’. Held at the Yesvant Rao Chavan Art Gallery, it was attended by around 10,000 people, including school and college students, teachers, scientists and the wider public.

A lecture at the Jividha ‘Our Restless Earth’ exhibition
To raise awareness of the importance of biodiversity and the natural environment, the exhibition included display models, posters, photographs and video clips, featuring information about the structure of the Earth and its formation, natural disasters and plate tectonics.

One of the models on display at the exhibition

A team of student volunteers from local colleges, studying geology and science, were on hand to help visitors interpret the displays.

The team of volunteers

After a successful first year, the team is hoping to create an even bigger event next year, to coincide with Earth Science Week 2018.

Deminstrators exhibiting at the ‘Our Restless Earth’ exhibition in Pune

Many thanks to Jividha’s President, Rajiv Pandit, for getting in touch to let us know about Earth Science Week in Pune!

Earth Science in our Lives – Earth Science Week 2018

Thursday, November 15, 2018 3:10

*Earth Science Week is an annual international celebration of the geology all around us. Coordinated by the American Geosciences Institute in the US, and the Geological Society in the UK and Ireland, the week now also takes place in an increasing number of countries worldwide.*

2018’s Earth Science Week was bigger than ever! This year, our theme was ‘Earth science in our lives’ - to mark our Year of Resources, we highlighted the ways in which geology affects our lives through everyday objects, possessions, products and services, in the home and further afield - often in ways we don’t expect.

Here are just some of the ways we celebrated the week:

**School resource packs**

150 schools around the UK and Ireland received our specially curated resource packs, which included our new poster ‘Minerals in a Smartphone.’ Did you know the average smartphone uses 75 out of the 81 stable elements in the periodic table?
Geowalks

‘A stroll along the prom’ in Swansea, led by Tony White

Whether based in the city or the countryside, geology walks took place across the country! In London, Matt Loader led a tour of the City of London’s building stones and pubs; the North West Highlands Geopark led tours of the spectacular geology of the Scottish Highlands; the Mendips Rocks! Festival led visitors on tours through quarries and coal fields; geologist Tony White guided ‘a stroll along the prom’ in Swansea; the London Geodiversity Partnership led a geotrail along the Thames Path and the Dinosaur Isle Museum on the Isle of Wight led a guided fossil and geology walk at Yaverland Beach.

School events

The Geological Society held a workshop for 6th form students on the topic of ‘Earth science in our lives’ - students took part in an urban geology field trip around Piccadilly and a mineral exploration session, where they learned how geologists search for and extract important minerals. After this, they competed against each other in teams to win a $100 million bid to construct a (fictional) copper mine!

Students at our Earth Science Week schools event

Elsewhere, the Dinosaur Isle Museum on the Isle of Wight held an Earth Science Day aimed at Primary Schools, which saw around 240 students take part in a huge range of activities, whilst Charlotte Bishop from the Society’s Remote Sensing Group visited a school in Belfast to talk about satellite technology and how it impacts geology.

‘Satellite Top Trumps’ by Charlotte Bishop in Belfast

Public Talks

A huge number of public talks took place during the week, ranging from a public lecture at the Geological Society on the future of plate tectonics to a children’s talk about local geology in Tenbury Library, organised by Science from the Start.

Family friend plesiosaurs talk by Dean Lomax at Manchester Museum

Meanwhile, our North West Regional Group organised a talk by Dean Lomax on plesiosaurs and our Northern Regional Group held an evening lecture on ‘Mineral Resources in our Shopping Basket’.

Family days

Family fun days took place across the country to celebrate Earth Science Week. In the South West, the Sidmouth Science Festival held a ‘Shake, Rattle & Rocks’ open day, whilst Museum Wales held a Super Science Saturday, the Dinosaur Isle Museum explored 100 million years of Bay wildlife with their ‘Discovery Bay!’ open day and the Mendip Rocks! Festival held a family day at Ebbor Gorge.
‘Discovery Bay!’ at the Dinosaur Isle Museum

**Museums and Science Centres**

More museums than ever took part in Earth Science Week this year - as well as Museum Wales and the Dinosaur Isle Museum (read more about their activities here!), National Museums Scotland held an Earth science themed Science Saturday, the Lapworth Museum in Birmingham hosted a lunchtime talk on ‘Livings made from the Earth’, whilst the Sedgwick Museum in Cambridge held a Collection Snapshots event, taking visitors on an exclusive after hours gallery visit.

‘Planktonic Pioneers’ at the Natural History Museum

In Edinburgh, Dynamic Earth held a huge range of events, including ‘Meet the Glaciologist’, ‘Operation Earth and an opportunity to find out more about minerals and gemstones. In London, the Natural History Museum hosted a Nature Live event all about planktonic foraminifera - microscopic marine organisms that can help us understand our changing climate.

**The Earth Science Week photography competition**

As ever, our annual photography competition received a huge number of entries - many thanks to everyone who took part! The twelve winners can be viewed here, and also feature in The Guardian.

All twelve feature in our limited edition 2019 calendar, ‘Earth Science in our Lives’, which can be purchased online or at Burlington House - get one while stocks last!

**Internationally**

Earth Science Week takes place worldwide - a huge range of events took place in the US, organised by the American Geosciences Institute.

In addition, this year saw the first Earth Science Week events in Japan, as well as events including an exhibition on ‘Man and Stone’ organised by Jeevidha, an NGO working in environmental awareness and conservation in Pune, India.

Earth Science Week in Pune, India

**And more!**

This is just a small selection of the range of events that took place - Earth Science Week 2018 also featured craft workshops, exhibitions in art galleries, museums and libraries, mineral and fossil fairs, field trips and geoconservation days.

You can see the full timetable on our website - if you hosted an event this year we don’t know about, or would like to organise one next year, get in touch! Leave us a comment below, or email sarah.day[at]geolsoc.org.uk.

**Save the date**

Next year’s Earth Science Week in the UK & Ireland is taking place 12-20 October - stay tuned for more details!
Nearly 200 Birmingham students submit art and poetry for Earth Science Week at McWane Science Center October 14-20

Sponsored

Patience Itson
October 10, 2018

Little discoveries lead to big adventures at McWane Science Center. Photo via McWane Science Center

Earth Science Week takes place October 14–20, and McWane Science Center is gearing up for an exciting week of free events! Are you ready to explore and discover?

The Celebration Of Earth Sciences

Earth Science Week has been an exciting time for museums like McWane Science Center since 1998 when the American Geosciences Institute organized this national/international event. Their goal was to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth.
Discover “Earth As Inspiration” Through Art And Poetry

To get students in the Birmingham metro area involved in the week-long event, McWane Science Center decided to challenge students in grades 3rd–8th by requesting submissions for an art and poetry contest. Using the theme “Earth as Inspiration”, students were asked to explore their relationship and responsibilities to the Earth when creating their submissions.

Were Birmingham students up to the challenge? They sure were!

“We had nearly 200 entries from students around the Birmingham area,” Bethany Harris, Coordinator Science Engagement at McWane Science Center said. “There were so many beautiful, thought-provoking poems and paintings, and I can’t wait to share them with the community during Earth Science Week.”

Harris created the contest with the goal of equipping students with the power and creative mediums necessary to share their scientific knowledge, evoke wonder and curiosity in others and provoke conservationist action through art.

“Creative writing and art can be such powerful forms of communication,” Harris said. “I think these works will spark action, conversation and conservation in the minds of everyone who sees them.”
Schools who participated in the contest include:

- North Jefferson Middle
- Oak Mountain Middle
- Springville Middle
- Rudd Middle
- Berry Middle
- Mountain Brook Elementary
- Bryan Elementary
- Vestavia Elementary West
- Vestavia Elementary Central
- Cherokee Bend Elementary
- Shades Mountain Elementary
- Home School students

Winners of the contest will be selected by October 20. There will be a winner from each grade level as well as an overall winner of the contest. The winners will have their entries displayed at McWane Science Center where it can serve as inspiration to visitors of all ages.

Explore All Things Earth Science

Take part in Earth Science Week, happening October 14–20, when you visit McWane Science Center, located at 200 19th St. N., Birmingham, AL 35203.
International Archaeology Day

Posted on October 20, 2016 by bharathgyanblog

Archaeology is a field of work that involves identifying ancient sites, some buried under mounds of sand, excavating artifacts from these ancient sites and by studying them, trying to establish the historical time period to which those artifacts must have belonged.

The word Archaeology is derived from archaic, meaning old, ancient, as archaeology involves uncovering our past.

India being an old civilization has got so much potential for archaeology, because there is so much that has got to be uncovered and excavated. There are archeological sites all over India.

Access free eBook on International Archaeology Day : ArchaeologyDay
Earth Science Week

Presented by McWane Science Center at McWane Science Center, Birmingham AL.

Since 1998, scientists have celebrated Earth Science week. This time is used to educate the public about the earth sciences and to equip them with appreciation, understanding, and stewardship.

For this 20th celebration of Earth Science week, the American Geosciences Institute has declared the theme to be “Earth as inspiration,” and is emphasizing artistic expression as a powerful tool for geoscience education.

ADMISSION INFO

Adventure Hall Only
Adults (13-64) $13
Kids (2-12) $9
Seniors (65+) $12

Combo Tickets (Adventure Hall + IMAX) $18 / $14 / $16

Museum is open Monday-Friday 9-5, Saturday 10-4 and Sunday 12-6.

Contact: 205-714-8300

Official Website

INDIVIDUAL DATES & TIMES *

Oct 14, 2018 at 12:00 pm - 06:00 pm (Sun)
Oct 15, 2018 at 09:00 am - 05:00 pm (Mon)
Oct 16, 2018 at 09:00 am - 05:00 pm (Tue)
Oct 17, 2018 at 09:00 am - 05:00 pm (Wed)
Oct 18, 2018 at 09:00 am - 05:00 pm (Thu)
Oct 19, 2018 at 09:00 am - 05:00 pm (Fri)
Oct 20, 2018 at 10:00 am - 06:00 pm (Sat)

* Event durations (if noted) are approximate. Please check with the presenting organization or venue to confirm start times and duration.

LOCATION

McWane Science Center
Earth Science Week 2018 Video Contest

About the organizer

Since October 1998, the American Geosciences Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth. This year's Earth Science Week will be held from October 14-20, 2018 and will celebrate the theme "Earth as Inspiration."

About the video contest

For Earth Science Week 2018, the American Geosciences Institute invites you to enter the Earth as Inspiration video contest. Submit a brief, 30-90 seconds, original video that tells viewers about artistic expression that stems from the natural world where you are, and how art can be an excellent way to learn about the Earth.

Your video entry might take almost any form. A public service announcement, an animated cartoon, a video incorporating your own original music, an interview with a family member, a professional geoscientist, or an artist who uses geosciences to create their work, some other format. You decide. Be creative!

Eligibility

The contest is open to individuals or teams of interested persons of any age in any part of the world.

Theme

"Earth as Inspiration"

Contest Guidelines

Please check back from time to time for updates of the contest. These will appear in the 'Updates' link on the menu.

Prizes

The winner will receive a prize of $300 USD, a copy of AGI’s The Geoscience Handbook, and his or her photograph will be used on the Earth Science Week Website. The winner’s and finalists’ names will be posted on the Earth Science Week Website. Winners will need to supply AGI with a photographs to be posted on the website.
How to submit

To submit an eligible entry for the contest, you must provide three things:

1. Your YouTube submission (For directions, click here)
2. Signed Official Photo/Video Release Form emailed to Delia Thomas at cthomas@americangeosciences.org. This includes release forms for any participants featured in the video who are under the age of 18.
3. Completed Google Form.

Video

Your video submission is considered incomplete until we receive these items. All eligible submissions must be received electronically by 5 p.m. ET, Friday, October 19, 2018. Any people in the video who can be visibly recognized must sign an Official Photo/Video Release Form before the entry is submitted and in the case of minors, they must have parent or guardian signatures. Videos should run between 30 and 90 seconds in duration. Entries must be suitable for display to a general audience with respect to language, visual content, presentation, themes discussed, and related issues.

All entries must be completed in English, and videos must include content that is entirely understandable to an English-speaking audience. While the copyright for the video and its content is retained by the entrant(s), entering the contest automatically provides AGI the right to display the video online and/or in any public or private settings without restriction. Videos must be previously unpublished, original content and must be the sole property of the entrants, not previously submitted to any other contest. Published material includes that which has been posted on the Internet. Videos may include footage shot at the site, animations, computer images, drawings data, and so on.

In addition to the video, complete entries will include:

› The names and ages of all entrant(s).
› The name of the site and a brief description of any featured location(s), including longitude and latitude.

While the copyright for the video and its content is retained by the entrant(s), entering the contest automatically provides AGI the right to display the video online and/or in any public or private settings without restriction.

The entrant(s) must:

› Certify that all content in the video is original and belongs to the entrant(s).
› Obtain permission to use any location that is shown in the video.
› Ensure that all submission information (e.g., names and signatures on the Official Photo/Video Release Form; location of place that is the entry focus/site) are accurate.
› Verify that all team participants who are under 18 years of age have permission from parents or legal guardians to take part in the contest.
› Maintain safe practices.
› Be respectful of any featured location(s), other people using the site, and wildlife there.
› Provide complete contact information by which the entrant(s) can be reached.
› Serve as point of contact for the team.
› Respond to notifications from AGI in a timely manner.

Contact

Celia Thomas (Program Associate)

Phone: 703-379-2480 ext 150

Email: cthomas@americangeosciences.org

Visit the official website
Can you dig it? National Fossil Day coming this month

Published by lniemeyer@bluff... on Fri, 10/12/2018 - 9:03am

This document from the University of Minnesota showcases some Minnesota fossils. Enjoy learning about collecting your own fossils with this publication online at https://conservancy.umn.edu/bitstream/handle/11299/67228/MGS_ES_1.pdf?sequence=1.
CORRECTIONS: Before we get into fossils, I have a couple corrections to the information I provided in my last column on the National Trout Center of Preston’s annual geology tour set for Saturday, Oct. 13. First, the tour will visit the Wilder Museum and Church Museum in Spring Valley — NOT the Laura Ingalls Wilder Museum in Burr Oak, Iowa. (But, yes, the tour will make a little trek into Iowa). Second, the price of the fundraising tour is $40 apiece, $75 per couple, and $30 per student with ID. Get more info by checking the Oct. 13 listing at http://nationaltroutcenter.org/events/.

Ahhh, geology — what a nice segue into National Fossil Day™ (NFD). The date is set annually for the Wednesday of Earth Science Week in October; this year it’s Wednesday, Oct. 17. Earth Science Week is hosted through the American Geosciences Institute (AGI). Check that out at www.earthsciweek.org.

National Parks and museums across the country seem to lead the way in hosting NFD events, although most any organization can look into doing it. I checked over this page, which has many listings, www.nps.gov/subjects/fossilday/events.htm. Unfortunately, there are not any events in our immediate area. Maybe that needs to change in the future? There’s helpful advice on setting up and hosting something for National Fossil Day at www.nps.gov/subjects/fossilday/event-hosting.htm.

And guess what; it doesn’t have to be held on the actual NFD date. Come to think of it, we do talk about, hunt and see fossils a lot around this area. For example, Forestville-Mystery Cave and Whitewater state parks offer fossil hunt activities a number of times each summer. Another local option this month is listed near the end of the column.

The closest NFD programs I found — that haven’t already occurred — are both around five-and-a-half hours away.

• Fargo, N.D. – The listing for the Fargo Public Library, Main Library states: “Since the theme for National Fossil Day 2018 is 'The Age of Reptiles – More Than Just Dinosaurs,' we’ve invited some very special cold-blooded guests to join us for a celebration! Meet our live reptilian guests and explore some extraordinary fossils when members of the North Dakota State University (NDSU) Herpetology Club and staff from NDSU’s Geosciences Department help us celebrate. Kids can also complete a themed activity. No pre-registration is required for this all-ages event. Saturday Oct. 20. Main Library, 102 3rd St N, Fargo, N.D. 58102. 701-241-1495.”

• Chicago – The Field Museum listing states: “Take a special guided tour through the halls of the Field Museum and learn about the fascinating story of not only the fossils on display, but the people who unearthed them. This will be a unique tour developed specially to celebrate National Fossil Day. Tour times: 10:30 a.m., 12:30 p.m., 1:30 p.m., and 3:30 p.m. Free with normal admission.” And while you’re there be sure to check out the dinosaur exhibits. Info at www.fieldmuseum.org/

Local option

While it’s not an official event for National Fossil Day, the timing is about right for a Fillmore County fossil hunting activity. It’s offered through the Eagle Bluffs Skills School on Sunday, Oct. 21, from 12:30-5:30 p.m. I’ve done it and it’s fun! Details at www.eagle-bluffs-school.org/classes/fossil-hunting-in-fillmore-county-31/

Be sure to get out and enjoy National Fossil Day. It won’t be long before our opportunity to hunt fossils in the area is blanketed in white. Then one must be content to read up on fossils until spring of 2019. Oh, the horror of waiting...!
Can you dig it? National Fossil Day coming this month

Published by Iniemeyer@bluff... on Fri, 10/12/2018 - 9:03am

This document from the University of Minnesota showcases some Minnesota fossils. Enjoy learning about collecting your own fossils with this publication online at https://conservancy.umn.edu/bitstream/handle/11299/57228/MGS_ES_1.pdf?sequence=1.
CORRECTIONS: Before we get into fossils, I have a couple corrections to the information I provided in my last column on the National Trout Center of Preston’s annual geology tour set for Saturday, Oct. 13. First, the tour will visit the Wilder Museum and Church Museum in Spring Valley — NOT the Laura Ingalls Wilder Museum in Burr Oak, Iowa. (But, yes, the tour will make a little trek into Iowa.) Second, the price of the fundraising tour is $40 apiece, $75 per couple, and $30 per student with ID. Get more info by checking the Oct. 13 listing at http://nationaltroutcenter.org/events/.

Ahhh, geology — what a nice segue into National Fossil Day™ (NFD). The date is set annually for the Wednesday of Earth Science Week in October, this year it’s Wednesday, Oct. 17. Earth Science Week is hosted through the American Geosciences Institute (AGI). Check that out at www.earthsciweek.org/.

National Parks and museums across the country seem to lead the way in hosting NFD events, although most any organization can look into doing it. I checked over this page, which has many listings, www.nps.gov/subjects/fossilday/events.htm. Unfortunately, there are not any events in our immediate area. Maybe that needs to change in the future? There’s helpful advice on setting up and hosting something for National Fossil Day at www.nps.gov/subjects/fossilday/event-hosting.htm.

And guess what, it doesn’t have to be held on the actual NFD date. Come to think of it, we do talk about, hunt and see fossils a lot around this area. For example, Forestville-Mystery Cave and Whitewater state parks offer fossil hunt activities a number of times each summer. Another local option this month is listed near the end of the column.

The closest NFD programs I found — that haven’t already occurred — are both around five-and-a-half hours away.

- Fargo, N.D. – The listing for the Fargo Public Library, Main Library states: “Since the theme for National Fossil Day 2018 is ‘The Age of Reptiles – More Than Just Dinosaurs,’ we’ve invited some very special cold-blooded guests to join us for a celebration! Meet our live reptilian guests and explore some extraordinary fossils when members of the North Dakota State University (NDSU) Herpetology Club and staff from NDSU’s Geosciences Department help us celebrate. Kids can also complete a themed activity. No pre-registration is required for this all-ages event. Saturday Oct. 20. Main Library, 102 3rd St N, Fargo, N.D. 58102. 701-241-1495.”

- Chicago – The Field Museum listing states: “Take a special guided tour through the halls of the Field Museum and learn about the fascinating story of not only the fossils on display, but the people who unearthed them. This will be a unique tour developed specially to celebrate National Fossil Day. Tour times: 10:30 a.m., 12:30 p.m., 1:30 p.m., and 3:30 p.m. Free with normal admission.” And while you’re there be sure to check out the dinosaur exhibits. Info at www.fieldmuseum.org/

Local option

While it’s not an official event for National Fossil Day, the timing is about right for a Fillmore County fossil hunting activity. It’s offered through the Eagle Bluffs Skills School on Sunday, Oct. 21, from 12:30-5:30 p.m. I’ve done it and it’s fun! Details at www.eagle-bluff-skills-school.org/classes/fossil-hunting-in-fillmore-county-31/

Be sure to get out and enjoy National Fossil Day. It won’t be long before our opportunity to hunt fossils in the area is blanketed in white. Then one must be content to read up on fossils until spring of 2019. Oh, the horror of waiting…!
ALL EVENTS FOR NATIONAL FOSSIL DAY: CMB

« All Events

OCTOBER 2018

National Fossil Day: CMB
Children's Museum Bozeman, + Google Map

National Fossil Day, October 17th 12pm & 5pm at Children's Museum Bozeman Celebrate National Fossil Day with Museum of the Rockies (MOR), the Children's Museum of Bozeman (CMB), and the Bozeman Public Library (BPL) with dinosaur-themed activities all day long at all three locations. 10 – 11 a.m. at MOR for Sensational Babies featuring a dinosaur dig and dinosaur-themed stories 10:15 & 11:15 a.m. at BPL for Little Ones Storytime featuring dinosaur and fossil stories 12 – 3 p.m. at...

Find out more »

National Fossil Day: CMB
Children's Museum Bozeman, + Google Map

National Fossil Day, October 17th 12pm & 5pm at Children's Museum Bozeman Celebrate National Fossil Day with Museum of the Rockies (MOR), the Children's Museum of Bozeman (CMB), and the Bozeman Public Library (BPL) with dinosaur-themed activities all day long at all three locations. 10 – 11 a.m. at MOR for Sensational Babies featuring a dinosaur dig and dinosaur-themed stories 10:15 & 11:15 a.m. at BPL for Little Ones Storytime featuring dinosaur and fossil stories 12 – 3 p.m. at...

Find out more »
International Archaeology Day to be held at Corozal House of Culture

Mayan Tools & Utensils Exhibition by Institute of Archaeology

- Mayan crafts for rituals
- Utensils used daily
- Obsidian, jade, cherts and flints
- Grinding stone
- Stone tools, textiles and much more

Exhibition Opens
9:00 am - 3:00 pm
Corozal House of Culture

Posted: Wednesday, October 17, 2018, 2:30 p.m. CST.

By BBN Staff: The National Institute of Culture and History (NICH) in partnership with the Corozal House of Culture, and The Ministry of Education are hosting an annual International Archaeology Day in Corozal on Friday, October 19th.

Debora Wilkes, the coordinator at the Corozal House of Culture, said that “they are more than delighted to partner with their sister institution- the Institute of Archaeology, to showcase an array of Maya tools and Utensils at the event.

Some of the exhibits include the following: Mayan crafts for rituals, utensils used daily, obsidian, jade, cherts and flints, grinding stone, stone tools, textiles, and much more.

The exhibit is open to the general public from 9 a.m. to 3 p.m. at the Corozal House of Culture.
Energy Day Focuses Attention On STEM Innovations

DENVER (CBS4) – Energy Day is a free family-friendly festival focused on innovations in science, technology, engineering, and math, or STEM. Energy Day features dozens of exhibits and activities that highlight all the different ways that STEM is expanding the energy industry.
"We want kids to see how fun jobs in the energy sector are and help students get excited about jobs that could fill Colorado’s workforce-ready pipeline with graduates who are well-versed in the sciences – setting them up for a successful career path," said Andrew Browning, Chief Operating Officer of Consumer Energy Alliance.

[CREDIT: Consumer Energy Alliance]

**Consumer Energy Alliance** hosts Energy Day along with Consumer Energy Education Foundation. At a variety of booths, students can learn about various forms of energy, science experiments, technological advancements, energy efficiency and conservation, and careers in energy industry.

**RELATED:** [NREL & Consumer Energy Alliance Highlight Importance Of Wind Energy](#)

[CREDIT: Consumer Energy Alliance]

Check out an electric car, get a demonstration in wind energy, and watch robotics competitions, it’s all at Energy Day, Saturday, Sept. 22, from 11 a.m. – 4 p.m. on the Esplanade in front of East High School.
Sparkling Interest In Science: Kids Learn To Build And Launch Rockets Ahead Of ‘Energy Day’

By Shawn Chitnis

DENVER (CBS4) – Third grade students from Colorado Academy built and launched rockets Thursday inside the Denver Museum of Nature & Science learning the science behind a fun activity, an example of the @energymagination planned for Energy Day.

“We are launching our rockets,” said Sydney Fox, 8, a third grade student. “I put the cone in, and then I just rolled it up.”
A class from the school visiting the museum participated in a lesson to help them appreciate science at a young age and experience the subject in a hands-on activity.

Students had to cut paper for the body of the rocket using an empty pill container to form a cylinder. They also shaped the cone for the nose of the rocket. Each boy and girl had to choose if they wanted a long or short rocket. They could also adjust the shape of the nose cone and if the rocket should have any fins.

“It’s better to do it with fins,” said Jordyn Bezoza, 8, another third-grade student. “Because I’ve seen the people that have done it with fins have been more successful.”

Students then placed the rockets on a launch machine. They had to pump enough air pressure before pressing a button to launch the rocket sideways into a corridor of the museum.

The variables quickly revealed to the students the difference in distance their rockets could travel. Staff at the museum had placed markers to measure how far rockets landed from the launch station. Some labeled as the moon, another like the planet Mars.
“I launched rockets and it was really fun,” said Eli Rockmore, 8, a third grade student. “Mine didn’t fly so well but it was still pretty fun watching others fly them.”

The museum often uses this lesson for third grade students to help them make the connection of STEM subjects becoming future careers. Energy Day on Saturday is sponsored by the industry and the museum. The goal is to help young children see these fields of study as fun and engaging topics.

“This class is really all centered around experimentation, thinking about the principles of flight, investigating things,” said Nathan Hayes, the coordinator for offsite programs at the museum. “Making some decisions and seeing what happens.”

Not only is the activity engaging but it requires problem solving. It can introduce them into complex fields of study like space travel and flight, building their curiosity.

“The museum does a lot of different things with all sorts of STEM careers,” said Hayes. “This one is great because it really shows them that they can be in control, and they can make decisions around some of these big issues.”

Students told CBS4 they were wondering about the actual rockets they see entering space, asking new questions based on this activity.

“I kind of want to learn how they work, and what makes them go so far,” said Bezoza.

Other children mentioned they were interested in the other ways to fuel a rocket besides what they saw at the museum.

“I want to see what it takes the big rocket with the air pressure because they use gas instead,” said Fox.

More students will get the chance to try out this activity and other STEM related programming at Energy Day, Saturday, Sept. 22 at East High School from 11 a.m. to 4 p.m.

The reviews from this class suggest many more children will enjoy building and launching rockets.

“It’s fun,” said Rockmore. “They’ll learn how to make a rocket.”

The students say the activity reminded them why they like learning science as well.

“If you make a mess, they’re not like clean that up, they say try it again,” said Fox.

“You get to try to do new things,” added Bezoza. “If it doesn’t go well, you can always try again.”
Energy Day Encourages Students To Study STEM: ‘Just Try It Out’


DENVER (CBS4) - The Consumer Energy Alliance along with the Consumer Energy Education Foundation hosted Energy Day Saturday morning at East High School. Energy Day features dozens of exhibits and activities which highlight all the different ways STEM is expanding the energy industry.

One way was the robotics competition on the front steps of East High School.
Energy Day Encourages Students To Study STEM: 'Just Try It Out'"
Norm Easton will be a keynote speaker at the event from 1pm- 2:30pm.

International Archaeology Day will be held on October 20 and to mark the occasion, Yukon College Archaeology and Anthropology instructor Norm Easton will speak at the Beringia Centre this Saturday from 1pm to 2:30pm.

Following the speech, International Archaeology Day at the centre will be marked with games, a cake, and archaeological films.

The presentation will be centered around Yukon Archaeology, and the theme title at the talk will be “The Little John Site - 14,000 Years Of Human Occupation in Canada’s Yukon Territory”.

The Little John site is the most extensively excavated archaeological site in Yukon and is located on the border of Yukon and Alaska.
Community Briefs 9/27/18

Sean Cronin
Posted Wednesday, September 26, 2018 12:00 pm

Celebrate International Archaeology Day

JACKSONVILLE BEACH – Celebrate International Archaeology Day by attending a free public archaeology fair and lecture at the Beaches Museum and History Park 381 Beach Blvd. in Jacksonville Beach.

Presented by the Archaeological Institute of America - Jacksonville Society, the fair runs from 10 a.m. to 2 p.m. on Oct. 20 with the lecture at Noon in the historic 1887 chapel. The park will have displays and demonstrations on archaeology, as well as activities for children including a simulated archaeology dig, pottery and rope making and other hands-on activities.
HOUSTON - Looking for something to do with the family this weekend that won't break the bank? Here's a list of some free events happening in the Houston area.

Great Pumpkin Celebration
Head over to Bass Pro Shops for the Great Pumpkin Celebration. From noon until 5 p.m. every Saturday and Sunday until Halloween at the Katy and Pearland locations, kids can get a free Halloween photo with The Peanuts gang, make free crafts and play pumpkin toss. The first 75 kids will also get a free trick or treat bag.

Houston Energy Day Festival
On Saturday, check out the Houston Energy Day Festival. It showcases science, technology, engineering and math activities for the entire family. There are nearly 70 interactive demonstrations and exhibits.

The festival runs from 11 a.m. to 4 p.m. at Sam Houston Park on Bagby downtown.
When were the Americas settled?

Oct 17, 2018  🌐 0

Artwork capturing human migration into North America.
Courtesy Cannon Beach History Center & Museum

CANNON BEACH — International Archaeology Day comes to Cannon Beach with a presentation by Cameron Smith at 4 p.m. Saturday, Oct. 20, at the Cannon Beach History Center & Museum.

Smith, an anthropology professor at Portland State University, is a scholar on human history, archaeology and evolution. His presentation will focus on the new discoveries in archaeology about the earliest settlements in the Americas.

Smith has appeared on PBS, History and National Geographic.

Seating is limited, so arrive early. Doors will close at 4:15 p.m.

The museum is located at 1387 South Spruce St.
Columbus Underground

How to Celebrate National Fossil Day in Columbus

October 15, 2016 10:00 am

This Wednesday, Oct. 17, is National Fossil Day in the United States, with the National Park Service, regional and local organizations hosting fossil events all over the country. The Park Service organizes National Fossil Day every year, to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.

An adventure fossil hunter would likely skip Ohio altogether — the state’s rocks are too old for any impressive skeletons of dinosaurs or other ancient creatures. In ancient times, Ohio was entirely submerged, which means almost all the fossils are of marine life. This is reflected in the fact that the official state fossil is the sea-dwelling bivalve. According to the Ohio Department of Natural Resources Division of Geologic Survey, Franklin County is home to rocks of the Devonian Period, which lasted between 410 and 360 million years ago and left behind the fossils of shellfish and brachiopods and fish.

A hike through any of the creeks and ravines of Central Ohio means stepping over piles and piles of limestone, the sort of rock that can often contain an impressive fossil shell or two or a skeleton. But a fossil hunter must keep in mind where they are. Like, for example, a city park.

“To protect the parks and maintain them for everyone, digging or excavating in city parks is not allowed,” said Nancy Colvin, communication and marketing specialist for the Columbus Recreation and Parks Department, in an email. “Should someone happen across a fossil, we’d ask them not to remove it. There are special circumstances where we do issue permits to allow for research projects, but that permission must be obtained in advance.”

The rules are similar for the Columbus and Franklin County Metro Parks, which prohibit the removal of any rock, mineral, or historical or archaeological artifact. But while visitors may remove fossils from the public lands around Columbus for their own collections, there are plenty of impressive specimens on display for the National Fossil Day.

There is, of course, the collection of dinosaur skeletons at OSU’s Dinosaur Gallery, as well as the Otto Geological Museum at the Ohio State University campus, featuring the newly installed skeleton of Cryolophosaurus, an Antarctos predator discovered by an OSU geologist. Otto also includes an array of other fossils and geological marvels. The nature center at Highbanks Metro Park features a replica of Dunkleosteus, an enormous Devonian Period fish, the jawbone of which was once found in one of Highlanders’ many sandstone caverns (Glicksman — the author’s wife is employed by Friends of the Metro Parks).

National Fossil Day will also be celebrated at the Ohio Statehouse, which is hosting a fossil tour at 12 p.m. on Wednesday, with experts from the Ohio Geological Museum and ODNR leading guests on a geological exploration of the capital. The Statehouse was constructed out of limestone containing many Devonian fossils, which are more visible on any of the walls, steps and columns inside and outside the building.

As the Park Service notes, fossils offer clues for understanding the history of life, past climates, and ancient landscapes. “Fossils are also non-renewable resources, ones that have often been called the ‘gateway to science’ for curious children around the world. However you may celebrate, National Fossil Day is as good a time as any to learn a little more about the ancient world, celebrate the history of life and maybe look under a rock or two.”

For more information, visit osugeologicalmuseum.osu.edu.
International Archaeology Day: A Day in the Life

#Archaeological Institute of America #Archaeology #careers #International Archaeology Day

Oct. 20, 2018 — Today we’re celebrating International Archaeology Day! Every October the ARCHaeOLOGICAL INSTITUTE OF AMERICA and archaeological organizations across the United States, Canada, and abroad present archaeological programs and activities for people of all ages and interests. Because we are celebrating archaeologists from all backgrounds, we asked our archaeologists to share insight into their careers, thoughts, and journeys while studying and performing archaeology. This is what they told us...
‘Wyoming ROCKS! The Art of our Geology’ Event Happening Oct. 13

The Wyoming State Geological Survey (WSGS) and University of Wyoming (UW) Geological Museum are hosting their annual earth science celebration on Saturday, Oct. 13, from 11 a.m. to 2 p.m. at the museum on the Laramie campus.

Wyoming ROCKS! The Art of our Geology is free and open to the public. It kicks off the start of 2018 Earth Science Week (Oct. 14–20), a national and international event that tips its hat to earth sciences such as geology and paleontology. Activities will have an artistic twist since this year’s theme, “Earth as Inspiration” emphasizes expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.
“The intersection of art and science can result in interesting ideas and remarkable creations,” says WSGS Director, Dr. Erin Campbell. “This Earth Science Week event promises to be an exciting celebration.”

Activities include creating geologic formation sand art, learning the three rock types using sweet treats, and a sandbox art competition. The UW Art Museum will be at the event with its ArtMobile, and the UW Coe Student Innovation Center will have 3D printing.

Also, the UW Harry C. Vaughan Planetarium is offering shows free of charge at 11:30 a.m. and 1:30 p.m. Over the course of civilization, humanity has looked to the night sky as a giant artistic tapestry. The show, called “The Art of Seeing Exo-Planets,” will offer attendees a chance to see planets in the solar system using scientific evidence and artistic inspiration.

“Geology, especially Wyoming geology, is an incredibly inspiring science that can and has been expressed in art, film, music, poetry, literature, and even textiles,” says Dr. Laura Vietti, UW Geological Museum and Collections Manager. “We are working with a great team of collaborators this year.”

New to the celebration is a judged art contest. The Wyoming Landscape – Past or Present Art Contest is open to all ages and can be medium of choice depicting a landscape from any geologic time period in Wyoming. Submissions can be up to 3 feet by 2 feet in size, and they must include on the back your name, age, phone number, time period depicted in the piece, and any other relevant information about the landscape.

Entries can be dropped off at the UW Geological Museum or next door at the WSGS before 4 p.m., Friday, Oct. 12. Entries will be judged by event attendees, and prizes will be awarded in each age category.

“The Wyoming ROCKS event offers fun for everyone because earth science touches many aspects of our lives,” says Campbell.

“From the water we drink, to the ground on which we build our homes, earth science is part of every day. This event is an opportunity for all ages to discover more about this fascinating branch of science,” she adds.

The American Geosciences Institute (AGI) has organized Earth Science Week since 1998 with the intent of helping the public gain a better understanding and appreciation for earth science and to encourage stewardship of the earth. Learn more on the AGI website at: http://www.earthsciweek.org/about-ew.

For more information about the event, visit the WSGS education website or www.uwyo.edu/geomuseum. Event organizers can be emailed at geolmus@uwyo.edu or christina.george@wy.gov.
Celebrate Earth Science Week at...

Wyoming ROCKS!
The Art of our Geology

Saturday, October 13
11 a.m.-2 p.m.
UW Geological Museum
FREE event, open
to the public

Activities include:
• Geologic Formation Sand Art
• Sweet Rock Types
• Sandbox Art Competition
• 3D Printing
• ArtMobile

PLUS Free UW Planetarium
shows at 11:30 a.m.
& 1:30 p.m.

Science & Art Combine in
Wyoming Landscape - Past or Present Art Contest

Draw, paint, mold, sew ... any medium depicting any landscape from any geologic time period
(and animals/plants from that time period) in the Cowboy State!
3’ x 2’ maximum size, hangable

Must include: name, age, phone number, time period depicted in your piece, relevant information
Drop off entry at Geological Museum or next door at the Wyoming State Geological Survey
before 4 p.m., Friday, Oct. 12. Judging will take place during the Wyoming ROCKS! event.

Prizes awarded in each age category
For more information, email christina.george@wyogov or lvietti@uwyo.edu

Open to all ages!
Toolkits For Earth Science Week Are Now Available For Teachers

Charity Stewart, Outliers News  posted on September 17, 2018

To celebrate Earth Science Week, which is coming up the week of Oct. 14, Wyoming State Geological Survey is giving away toolkits to junior high science classrooms across the state.

The American Geosciences Institute (AGI) has organized Earth Science Week every year since 1998. This year’s theme is “Earth as Inspiration.”

“Most kids have a natural interest and enthusiasm for earth science topics,” says WSGS Director, Dr. Erin Campbell. “These Earth Science Week toolkits are a great resource for teachers to keep that interest alive.”

Toolkits are available to science teachers on a first come, first serve basis and include a 12-month activity calendar, Earth Science Week poster, National Park Service Posters, and EarthScope material on what it means to be an earth scientist, just to name a few.

In 2012, Governor Matt Mead proclaimed the second week in October as Wyoming Earth Science Week. Teachers can request a toolkit by contacting Christina George by email or by calling (307) 756-2286 ext. 231.
Saturday, October 20

Nurture your future scientists at the Energy Day Festival
After bringing in more than 30,000 people last year, the Energy Day Festival — now in its eighth year — is back to give people a fun, free fest filled with science, technology, engineering and mathematics (STEM). This year, over $22,000 in academic awards will be given as part of the Energy Day Academic Program (EDAP). Overall, this event is out to motivate young minds into getting their STEM on. 11 am-4 pm.

Carve some time to find the perfect Halloween pumpkin
Halloween is fast approaching, which means some of y'all need to go and find the right pumpkin to make a jack-o-lantern out of. But picking a pumpkin isn't just something you can do all willy-nilly. Just like when Lucy went pumpkin-selecting in It's the Great Pumpkin, Charlie Brown, it takes time, skill and patience. For all those Lucys out there, Memorial City will have a benefit pumpkin patch for your picking pleasure. 11 am-3pm.
National Fossil Day: Spotlight on Alex Kittle

By Alisha Solaiman

For National Fossil Day, we're shining the spotlight on our Collections Manager and invertebrate paleontologist, Alex Kittle. His interest in the field grew when he took a summer course in paleontology at Georgia College. His class traveled for about a month to Yellowstone, the Grand Tetons, and the Badlands of South Dakota to collect fossils. He started studying paleobotany, the study of plant fossils, which led him to eventually studying invertebrates.

After Kittle graduated, he landed his first job at the University of Florida's Invertebrate paleontology division, where he worked for about eight years. He developed identification guides for amateur fossil collectors, specifically in Florida.

The process of finding and excavating fossils depends on the region. In the Badlands, there is a lot of erosion and not all of it happened at the same rate. Coal slabs can be broken apart and many layers of plant fossils can be found. In the Badlands, Kittle excavated a skull of an orcadont (pictured here), which he keeps now in his office. In Florida, they traveled to limestone quarries for excavations. Where roads are built, the ground is torn up resulting in a mass of sand and soil. "It's like going to the beach and picking up seashells, it's really that easy," he says.

Kittle has worked at DMNH for three years. On a normal day at the Museum, he organizes the Mollusk collection with more than 2 million specimens. He organizes them taxonomically through biological classifications including family, genus, and species. Some of these classifications have changed over the years based on new scientific knowledge, which is why the specimens are being reorganized to meet current standards. He says it will take a couple of years to finish organizing as well as uploading information onto an in-house database. Twenty-five percent of reorganizing the collection is complete.

New specimens continue to be added to the collections. Recently, DMNH received fossils from the Chesapeake and Delaware Canal dating to the cretaceous period. Currently, Kittle and his team of volunteers are sorting and uploading the information collected from the fossils into an in-house database.

Kittle says his experience with working in his field has been very interesting. "I like it because there are a lot of neat things going on, with invertebrates especially," he says. "With fossils, you're left with evidence, like some sort of bite mark or footprint. It's almost like investigative work, a murder mystery."
Happy National Fossil Day You Relics!

HOW TO OBSERVE NATIONAL FOSSIL DAY

1. Hug a paleontologist.
   Paleontologists are pretty incredible people. They go through lots of schooling and training to be able to study the fossils of all kinds of organisms. It's because of them that we know a lot about the last few billion years of our planet's history. Show your appreciation by giving them a hug, and asking them to tell you more!

2. Check out local events.
   Every year, the National Park Service partners with various organizations, universities, museums and more to celebrate National Fossil Day. Through field trips, classroom instruction and outdoor activities, they're spreading awareness about this important holiday.

   Many national parks are passionate about introducing future generations to the science behind fossils and paleontology. These may include anything from scavenger hunts, to multi-day ranger-led activities. Visit your nearest national park and discover all there is to know about this fascinating science!
STEM education is needed for next generation energy workers

According to the Consumer Energy Alliance, STEM Education a must for the next generation of energy workers and a coordinated response is needed to address the education deficit.

The U.S. based organization is calling for businesses, industry groups and universities to work together cohesively to tackle the shortfall in terms of knowledge and experience, in order for the energy sector to innovate and meet efficiency expectations.

This needs to take the form, the group argues, with STEM-focused exhibits and interactive demonstrations. The next opportunity to do so is at Consumer Energy Alliance’s Energy Day Festivals, which will take place in Houston and Denver during October 2018.
The U.S. Consumer Energy Alliance seeks to work with citizens and community leaders to influence energy policies for all consumers through providing information on energy issues. Recent campaigns include highlighting the importance of affordable, reliable energy in the lives of families and businesses and seeking to improve the electric grid to enable an expansion of solar power.

To assist with the new campaign the Consumer Energy Alliance is working with the Consumer Energy Education Foundation. This follows from findings that suggest energy companies will have to hire tens of thousands of workers over the next few years in order to meet demand.

For example, research by Goldman Sachs suggests that the energy sector must hire 80,000 to 100,000 workers to accommodate necessary modifications of U.S. land rigs. Furthermore, as the take up of renewable energy increases, like solar power, new skills will be required to realise the potentials that solar, together with wind, technologies present.

The big weakness is there are insufficient numbers of suitable candidates coming through the U.S. education system to meet the requirement of the energy sector, with shortage in the science, technology, engineering and mathematics areas.

The aim of the Energy Day Festivals will be to open up the opportunities for students to interact with exhibits so that their interest in STEM and the energy sector can be stimulated. Some of the exhibits will focus on environmental concerns and the role that renewable energy can play in addressing climate change.
Earth Science Week!

October 16 @ 10:00 am - October 20 @ 5:00 pm

What is Earth Science Week?

Since October 1996, the American Geosciences Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth. This year’s Earth Science Week will be held from October 14-20, 2018 and will celebrate the theme “Earth as inspiration.” The coming year’s event will emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.

Earth Science Week 2018 learning resources and activities will engage young people and others in exploring the relationship between the arts and the Earth systems. The coming year’s theme will promote public understanding and stewardship of the planet, especially in terms of the ways art relates to geoscience principles and issues as diverse as energy, climate change, the environment, natural disasters, technology, industry, agriculture, recreation, and the economy.” (American Geosciences Institute, n.d.)

For more information:
Twitter: @earthsciweek
www.earthsciweek.org

Tuesday, October 16th

- Create your own compass from 11am-12pm
  - Guests will learn about how magnets can cause an ordinary household object to point North!
  - This activity will take place in the Art Hallway.
- UT Martin Student Chapter of the American Meteorological Society Demonstration from 3pm-5pm
  - Location TBD

Wednesday, October 17th

- The Misunderstood Mother: The Story of the Oviraptor and dinosaur coloring sheets 3pm-4pm
  - Guests will learn that the Oviraptor was not really an egg thief at all! There will also be dinosaur coloring sheets for guests to color during the story.
  - This activity will take place near the dinosaur nest in Dinosaur Hall.
- Cretaceous Fossil Digging sponsored by the UT-Martin Geology Department 3pm-5pm
  - Guests will use shovels and brushes to discover their own fossil in the matrix. Sediment was collected from the Coon Creek site south of Jackson and contains marine fossils.
  - This activity will take place on the Great Lawn (weather permitting, if not will be in the Art Hallway at a table)
Thursday, October 18th
- UT-Martin Ecology Club will be leading a stream study from 3pm-5pm
- Guests will learn how to tell if a stream is healthy and how to discover macroinvertebrates in a stream.
- Activity will take place at the stream near the outside playground.

Friday, October 19th
- Geologic Core Sampling Activity 12pm-3pm
- Guests will discover what goes on within the Earth, and learn about all the different layers that make up Earth's structure.
- Activity will take place in the Art Hallway.

Saturday, October 20th
- Museum guests are encouraged to bring their own artifacts to the museum to be identified by archaeologist Bill Lawrence. Guests are also welcome to bring minerals, fossils, cool rocks, and other cool geology or archaeology finds! Authentication cards will be available for real artifacts. The identification tables will be open from 11am-1pm.
- This is going to be a huge event. Guests are invited to come see some of the amazing artifacts brought by Bill Lawrence and fossils from the UTM Geology Department.
- Activity will be held in Dinosaur Hall at tables
- There will also be another fossil dig at the DPA from 2pm-4pm. Guests will have the chance to experience a real fossil dig, and possibly find a fossil to take home!
- Guests will use shovels and brushes to discover their own fossil in the matrix. Sediment was collected from the Coon Creek site south of Jackson and contains marine fossils.
- This activity will take place on the Great Lawn (weather permitting, if not will be in the Art Hallway at a table)

Details
Start:
October 16 @ 10:00 am

End:
October 20 @ 5:00 pm
Climate Change & The Global Ocean in Earth Science Week

Climate change has been fairly easy to see and experience on the surface of the earth but how about in the mysterious ocean. Earth science week this time is also trying to find out the effect of climate change in the global ocean.
October 15, 2018

Happy Earth Science Week 2018!

Earth Science Week is from October 14th to October 20th, 2018. Each day has a different theme. For classroom activities see here. There is an online toolkit.

- Sunday, October 14th is International Earthcache Day
- Monday, October 15th is Earth Science Literacy Day
- Tuesday, October 16th is Earth Observation Day and No Child Left Inside Day
- Wednesday, October 17th is National Fossil Day
- Thursday, October 18th is Geoscience for Everyone Day
- Friday, October 19th is Geologic Map Day
- Saturday, October 20th is International Archaeology Day

Enjoy and Learn about the Earth! Have fun, learn, promote, and appreciate the Earth... it's the only planet we've got!

Posted on October 15, 2018 | Permalink
Earth Science Week Japan in Shizuoka
伊豆半島世界ジオパーク巡検
*Fieldwork in Izu Peninsula Geopark*

アースサイエンスウィークでは、地球科学における野外教室を開催します。ユネスコ世界ジオパーク認定された、地質的貴重な景観を持つ伊豆半島ジオパークを巡ります。ジオパークを見て、歩いて、感じて、地球の歴史を学びませんか？

伊豆ジオパークとは（公式サイト）

参加のご案内
参加費 1000円／人
*2000円から1000円に変更（9/3更新）
お弁当参拝をお願いします
募集人数：35名様
*申込期限：8月30日から9月16日（日）
先着順※もし定員に満たない場合、二次募集致します。

参加申し込み

2018年8月30日OPEN
*静岡県地学会の方は備考欄に会員であることを記載してください。*
UK expert urges Australia's geoscience education to move "beyond dinosaurs and volcanoes"

By EducationHQ News Team
Published October 2, 2018

Australians will be urged later this month at an international forum in Adelaide to move their thinking beyond dinosaurs and volcanoes when it comes to appreciating just how much their modern day lives are being impacted by the geosciences.
But the environment for achieving such a step-change in public education will rest with the sector itself better appreciating how to “simplify” geoscience so it can be understood and appreciated by the general public.

The Adelaide forum will be addressed by one of the BBC’s foremost environmental documentary producers, geologist and communicator, Professor Iain Stewart, above, whose TV series *Rise of the Continents* and numerous other series are internationally acclaimed.

“Alongside complex scientific and technical challenges is the problem that, to most people – beyond dinosaurs and volcanoes – the geological world is unknown territory,” Stewart said.

“That unfamiliarity presents difficulties for professional geoscientists communicating to decision-makers, politicians and the wider public, what they do, what they know and how that is impacting society,” he said.

“Equally, developing public participation strategies that effectively engage with citizens, communities and stakeholder groups requires geoscientists to better appreciate what the public knows and what they have concerns about. “

Stewart said that in that context, how the sector promoted geology to the next generation of wannabe scientists and engineers would be crucial to the success of reaching into the education system to enthuse and inspire young students about our planet, how it works and what that means for society.

He warned that the predominance of the internet and the online media landscape means that the conventional broadcast and education environment is changing.

Geoscience communicators had to learn to make the most of these changes in order to ‘sell’ geology in the commercial marketplace, particularly in relation to contested societal issues.

“The message from social science is that scientists need to switch from conveying ‘matters of fact’ to non-technical audiences, to developing dialogues around ‘matters of concern,” Professor Stewart said.
He noted that geotourism was a burgeoning industry worldwide but was subject to both great promise and numerous pitfalls in acting as an educator for geosciences.

As director of the Sustainable Earth Institute, School of Geography, Earth and Environmental Sciences at the University of Plymouth in the UK, Stewart will be a keynote speaker during a ‘Big Issues’ summit day at the inaugural four-day convention of the Australia Geoscience Council, being held in Adelaide from October 15 during Earth Science Week 2018.

More than 1000 delegates are expected in Adelaide for the forum, to include an address on Monday, October 15 by renowned US academic, Professor Matthew Huber from the Department of Earth, Atmospheric, and Planetary Sciences at Purdue University, Indiana, on the significance of past climate changes.

Stewart said it was obvious geoscience education needed to adopt new modes of communication.

“Geological issues are increasingly intruding on the everyday lives of ordinary people,” he said.

“Whether it be the exploration and extraction of hydrocarbons or mineral resources, deep injection of waters for geothermal power, or the underground storage of carbon dioxide and radioactive waste, many communities across the country are being confronted with controversial geological interventions under their backyard.

“We need, as a sector, to educate and help communities understand what we do and why.”

During his conference visit, Stewart will coordinate the Santos Geoscience Education workshop for science teachers, exploring how geology can be applied to sustainable development issues, and how this ‘sustainable geoscience’ might be integrated into the school and university curriculum.

Other key areas of attention at the Australian Geoscience Council Convention (AGCC 2018) will be better balancing out the country’s mining boom and bust cycles, the better management of our energy generation, feedstocks and energy security, and promoting business and social growth opportunities across the undeveloped footprint of northern Australia.

The Big Issues and Ideas day on Tuesday, October 16 is designed to highlight the fundamental role that Geoscience has as a major field of science throughout the Australasian-Pacific region.
EPCC TO HOST EARTH SCIENCE DAY AT
TRANSMOUNTAIN CAMPUS

Amy Cooley  October 6, 2018  Leave a comment

El Paso. A city of endless desert vistas, mountains, dark skies, and mild winters. A beautiful city to those that call it home.

But how much do we really know about weather and climate, natural resources, planetary and other geological processes that affect living and decision making in the El Paso region?

That’s why El Paso Community College would like to invite you all to their Transmountain campus for a free evening of fun and learning at their first ever Earth Science Day.

Back when I was a student there, I loved learning about the ecology and geology of this borderland region. Now, EPCC wants everyone to learn more about our regional geology through presentations and demonstrations. They’re going to take you on a journey into the past where you can experience our rich geological history through performances by EPCC Dance and explore our environment with the EAR 1 rover.

You’ll get to interact and engage with demonstrations in augmented reality (AR), seismology, and more! In this way, you’ll learn about the environment using hands-on technology. We look forward to seeing you all there!
Admission is free and open to the public. So, join us Wednesday, October 17th from 5pm to 8pm in the Library and Mall area of the Transmountain Campus located at 9570 Gateway North Boulevard.

Contact John Olgin at jolgin@epcc.edu or call 915-831-5058 for more information.
Environmental Education in Tennessee

Earth Science Week
Sunday, Oct 14, 2018 until Saturday, Oct 20, 2018

Since October 1998, the American Geosciences Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth Sciences and to encourage stewardship of the Earth.

AGI hosts Earth Science Week in cooperation with sponsors as a service to the public and the geoscience community. Each year, local groups, educators, and interested individuals organize celebratory events. Earth Science Week offers opportunities to discover the Earth sciences and engage in responsible stewardship of the Earth.

Complete Details

Academic Focus:
Medium: Science

Environmental Focus:
Medium: Air, Climate Change/Weather, Conservation, Geology, Habitats/Ecosystems
Facebook

Earth as Inspiration: Understanding the past gives us a window to the future

American Geosciences Institute

255 likes · about 3 months ago

Earth as Inspiration: The best classroom is the one with no walls

American Geosciences Institute

380 likes · about 3 months ago
Museum inviting guests to meet archaeologists

Staff report, features@newminer.com  Sep 26, 2018  (0)

FAIRBANKS — The University of Alaska Museum of the North, 1962 Yukon Drive, is offering an event highlighting archaeology in Alaska.

At “Ask An Archaeologist,” visitors can meet museum archaeologists in the lobby from noon to 4 p.m. Oct. 1-5. Visitors are encouraged to bring an object to be identified, though no appraisals will be offered. It’s also a chance to see artifacts from the museum’s collections. The weeklong public meetings are in support of International Archaeology Day on Oct. 20.

For more information about the museum’s programs and events, visit the website at www.uaf.edu/museum or call 474-7505.
Old Bone Roadshow

By Shannon Johnson

Have you ever stumbled across a piece of rock that is noticeably something much cooler, but you just aren't sure what it is? Now is your chance to find out the story it holds! Carter County Museum will be hosting the Old Bone Roadshow on Wednesday, September 26 from 10 a.m. to 4 p.m.

BLM fossil experts will be there to identify your find. Bring in all of those pieces of shale you found at work, that rock you found while you were out branding, and that weird fossil you found by the water.

Along with that you can buy a raffle ticket for a chance to win an original piece of artwork. Between September 26 and October 11, they will have fossil themed activities at the museum to celebrate National Fossil Day, October 17.

Related

Digging Hell Creek
August 10, 2018

Sixth grade Conservation Day
June 1, 2018
in "Schools"

K-5 Visits the Carter County Museum
The University of South Alabama Archaeology Museum is hosting a fun family event on Saturday, September 22nd from noon-3 p.m. for JUBILEE! Family Day.

The event will feature a read-aloud and book signing by author Karyn Tunks at 1:00 p.m., and families can join before or after the read-aloud for fun craft activities. The book titled JUBILEE! is about a 6-year-old girl named Caroline who is excited to see her first Jubilee in Fairhope.

Karyn W. Tunks, PhD, is a professor of education at the University of South Alabama, where she teaches courses in early literacy and children’s literature. She celebrates her adopted home state of Alabama by writing picture books, including JUBILEE! (2012); USA ALABAMA: Home for the Mighty A (2016), and Mardi Gras in Alabama! (2018). She lives in Fairhope with her family and three-legged cat, Rami.

It's free and open to everyone, but please let the museum know if you plan to attend by emailing Caroline at dcaslin@southalabama.edu so that there are enough craft supplies.

The address is 5002 USA Drive South, Mobile, AL 36688.

The Archaeology Museum opened its doors to the public on October 14, 2012, and is part of the University of South Alabama, founded in 1963. The Archaeology Museum showcases 12,000 years of prehistory and history in southwest Alabama and the Gulf Coast. The Museum aims to fuel public curiosity, awareness, and appreciation for the region's past and its relevance today through exhibitions, education, and public programming. The Museum reaches nearly 5,000 people per year, which includes thousands of local schoolchildren who visit the Museum on field trips.

The Archaeology Museum hosts a wide variety of public events including guest lectures, presentations, family days, craft and story time events for young children, and a large International Archaeology Day Festival each October. Admission to the Museum and all events are always free.

Check out this website for more on the Jubilee event.
Consumers Energy Sponsoring Fourth Annual Energy Day September 22

BY: Press Release
POSTED: 2:54 PM, Sep 19, 2018
UPDATED: 2:57 PM, Sep 19, 2018

Lansing, Mich. -
Impression 5 Science Center will be welcoming families from across greater Lansing this Saturday, September 22, for Energy Day, an annual event of interactive activities exploring energy and the ways it’s generated and distributed within their own community.
Participants will be able to create a delicious treat with solar cones, build anemometers, make natural gas necklaces, and even turn poop into power with a take-home methane experiment, along with many other hands-on activities.

Consumers Energy sponsors Energy Day, which is now in its fourth year.

“There are so many amazing developments going on with energy right now, and we at Consumers Energy adore sharing our knowledge with the next generation and seeing the excitement in the youngsters’ eyes,” said Carolyn Bloodworth, Consumers Energy’s director of corporate giving. “Being involved with Energy Day at Impression 5 Science Center is about the kids and families, sure, but the reactions from the participants remind us why we choose to work where we do, too.”

Each year, more than 60 employee volunteers work with Impression 5 staff to ensure the success of the event.

“Consumers Energy’s support and enthusiasm for this event is incredible, and it shows year after year through their employee volunteers and passionate involvement in helping create meaningful hands-on activities that bring families together to learn and experience the science of energy,” said Laura Zeller, director of communications for Impression 5 Science Center.

Admission is free for Impression 5 Science Center members and Consumers Energy employees and their families. Admission is $8.50 for others.

Located in downtown Lansing, Impression 5 Science Center is a dynamic, interactive space for families to play, create, and challenge their understanding of science. Energy Day is one of many special focus day events at the Science Center each year targeted to families.

Consumers Energy, Michigan’s largest utility, is the principal subsidiary of CMS Energy (NYSE: CMS), providing natural gas and electricity to 6.7 million of the state’s 10 million residents in all 68 Lower Peninsula counties.
This cache has been archived.
Geocaching HQ Admin: Thank you for hosting this geocaching event! The date of the event has passed. We automatically archive events after 30 days (60 days for Mega- and Giga-Events). Attendees can still log archived events, log trackables, and share their experiences.

More

2. Bielefelder - EarthCache-Day - Meeting

A cache by Trooper1983  Message this owner  Hidden: Sunday, 14 October 2018

Difficulty: ★★★★★  Size: ★★★ (other)
Terrain: ★★★★★

Join now to view geocache location details. It's free!

WATCH
How Geocaching Works

Looking for a different adventure? Find a Cache Near Me

Please note Use of geocaching.com services is subject to the terms and conditions in our disclaimer.

Geocache Description:
This cache has been archived.
spooky_luke: Many thanks to all who attended but it is time for this one to go.

More

Geology Rocks! EarthCache Day 2018

A cache by spooky_luke  Message this owner  Hidden: Sunday, 14 October 2018

Difficulty: ★☆☆☆☆  Size: ★☆☆☆☆ (other)
Terrain: ★☆☆☆☆

Join now to view geocache location details. It's free!

WATCH
How Geocaching Works

Looking for a different adventure?  Find a Cache Near Me

Please note Use of geocaching.com services is subject to the terms and conditions in our disclaimer.

Geocache Description:
This cache has been archived.
AsTheCrowsFly: Time to archive.
What a great turnout despite the weather, thanks for all stopping by and enjoying breakfast of bacon and eggs with us.
More

International Earthcache Day 2018

A cache by 154 Crows  Message this owner  Hidden: Sunday, 14 October 2018
Difficulty: ★★★★☆  Terrain: ★★★★☆
Size: [ ] (other)

Join now to view geocache location details. It's free!

Watch
How Geocaching Works

Looking for a different adventure?  Find a Cache Near Me

Please note Use of geocaching.com services is subject to the terms and conditions in our disclaimer.

Geocache Description:
This cache has been archived.
Hillgorilla: Thanks to all that came.

More

Breakfast on International EarthCache Day

A cache by Hillgorilla  Message this owner  Hidden : Sunday, 14 October 2018

Difficulty: ★★★★★  Size: ★★★★★ (other)
Terrain: ★★★★★

Join now to view geocache location details. It's free!

Watch
How Geocaching Works

Looking for a different adventure?

Find a Cache Near Me

Please note Use of geocaching.com services is subject to the terms and conditions in our disclaimer.

Geocache Description:
Earth Science Week in Pune, India

Earth Science Week last year took place all across the UK and Ireland – but is increasingly going global. In November, the NGO Jividha – meaning ‘biodiversity’ in Marathi – held a four day exhibition in association with Earth Science Week in Pune, India.

Jividha is a Pune based NGO which has been raising awareness of Earth Science Week since 2013 by holding an exhibition involving lectures, displays and demonstrations. The events are regularly attended by thousands of people interested in finding out more about the Earth and how it affects our lives.

In 2017, the exhibition matched our theme of ‘Our Restless Earth’. Held at the Yeswantrao Chavan Art Gallery, it was attended by around 10,000 people, including school and college students, teachers, scientists and the wider public.

A lecture at the Jividha ‘Our Restless Earth’ exhibition
To raise awareness of the importance of biodiversity and the natural environment, the exhibition included display models, posters, photographs and video clips, featuring information about the structure of the Earth and its formation, natural disasters and plate tectonics.

A team of student volunteers from local colleges, studying geology and science, were on hand to help visitors interpret the displays.
After a successful first year, the team is hoping to create an even bigger event next year, to coincide with Earth Science Week 2018.

Demonstrators exhibiting at the 'Our Restless Earth' exhibition in Pune

Many thanks to Javidha's President, Rajiv Pandit, for getting in touch to let us know about Earth Science Week in Pune!

Share this:

One blogger likes this.

Related

Earth Science Week 2017  
In "Events"

Door 20 - Landscapes Below  
In "2017 Advent Calendar"

100 Great Geosites photo competition – the results!  
In "100 Great Geosites"

Tags: activities, communication, earth science week, education, environment, geology, hazards, india, outreach. Bookmark the permalink.
The 2018 Earth Science Week photography competition

13-21 October 2018

Earth Science Week 2018 is just three months away, which means it’s time to launch our annual photography competition!

Previous years have seen a host of stunning entries, and we’re hoping for more of your amazing geological images this year, as part of our celebrations of the geology of the UK & Ireland.

The twelve winning images will be displayed at the Geological Society’s HQ in Burlington House throughout Earth Science Week – and as often as we can during the ensuing year – as well as featuring in our popular Earth Science Week calendar.

Previous winners have also featured prominently in the media, including in The Guardian, The BBC, and the Daily Mail, to name a few!

Last year’s winning entry, ‘Three Sisters of Glencoe in Autumn’ by Milena Farajolizc
Earth Science in our Lives – Earth Science Week 2018

Posted on November 15, 2018 by SARAH

Earth Science Week is an annual international celebration of the geology all around us. Coordinated by the American Geosciences Institute in the US, and the Geological Society in the UK and Ireland, the week now also takes place in an increasing number of countries worldwide.

2018’s Earth Science Week was bigger than ever! This year, our theme was ‘Earth science in our lives’ – to mark our Year of Resources, we highlighted the ways in which geology affects our lives through everyday objects, possessions, products and services, in the home and further afield – often in ways we don’t expect.
Tuesday, October 16, 2018

Earth as Inspiration: Mt. Shasta for Earth Science Week, October 14-20

I usually don’t need an inspiration to write about Mt. Shasta, but I realized (two days in) that October 14-20 is national Earth Science week, and the theme of the celebration this year is “Earth as Inspiration”. In case you have not yet realized this yet, but I am in fact inspired by the Earth. It started early on in my life with family vacations to some stunning places in California and the American Southwest, continued with scouting experiences nearly every weekend in my teens that included extensive work with topographic maps, and right into my college major and subsequent career as a geology professor. And then I found the form of story-telling called blogging in 2008.
Thursday, October 18, 2018

Earth as Inspiration: It's Coyote and Roadrunner! (Except that it's not a Coyote, and the bird wasn't a Roadrunner)

It's Earth Science Week, and the theme this year is Earth as Inspiration. It may seem strange that I would open this blog with a picture of cute furry creature when we should be discussing the Earth, but bear with me. I find the inspiration wherever I can!

I live in the midst of California's Great Valley, but to many people it isn't all that "great". Modesto regularly ends up as 48th or 49th on the lists of the "best places to live" in the U.S. We are in a perpetual depression, with unemployment levels that are around twice the national average, and the median household income lags badly behind the national average. Pretty dismal, many things considered, but not all. There are some real treasures to be found among the dusty fields. And those treasures are related to the earth sciences.
History being ignored in managing Australia's mining booms and busts

Published by Stephanie Roker, Deputy Editor
Global Mining Review, Tuesday, 28 August 2018 10:30

It seems we might be paying insufficient heed to the lessons learned in navigating our way through the historic booms and busts in Australia’s mining and energy resources cycles.

A prominent industry commentator has pointed the finger at “the corporate decision-makers who sit in the boardrooms of mining firms” as among the ringleaders ensuring Australia’s repeated game of Boom and Bust.

The observation has been made by Dr Allan Trench, the MBA Director and Professor at the UWA Business School in Perth, a non-Executive Director of several ASX-listed minerals companies and a representative for the Independent Metals and Mining Advisory, CRU Group.

Dr Trench’s comments come ahead of his chairing a key forum on smoothing out the Boom and Bust cycle as part of a ‘Big Issues’ summit day at the inaugural four day convention of the Australia Geoscience Council being held in Adelaide this year from October 15 during Earth Science Week 2018.

“My hypothesis is that many investment decisions – or just as importantly, the lack of new mining investments periodically – inadvertently act to drive an exaggeration of the commodity cycle,” Dr Trench said.

“Few boards of the resources majors seem inclined to invest, for example, during a downturn. But on the other side of the ledger, these same boards seem to have a habit of paying too much for assets in the ‘good times’. It seems obvious we struggle to collectively learn as an industry from these repeated mistakes.”

Dr Trench said this had implications for the professional ranks of geoscientists who became little more than ‘cannon fodder’ each time the mining industry elected to take a turn for the worse.

“It is difficult at any time to prevent the impacts of the forces of supply and demand that drive the rise and fall of commodity prices over time,” Dr Trench noted.

“However, there is an obligation on the resources industry and its board-level decision-makers, to have more positive influence on the challenges such cyclical periods throw up.

“There is even an onus on geoscientists and other industry technical professionals to ask themselves what more they could do to mitigate or avoid being in the firing line when a downturn hits.

“They may have for example, the opportunity to learn additional skills beyond technical excellence in their respective disciplines.

“We would need to ensure however, that such multiskilling does not rob the mining and energy sector permanently of the key expertise it needs to develop and operate ever more complex and difficult ore bodies or gas and oil basins in the future.”

More than 2000 delegates are expected in Adelaide over the four day forum, with headline speakers including an address by renowned US academic, Professor Matthew Huber from the Department of Earth, Atmospheric, and Planetary Sciences at Purdue University, Indiana.

Other key areas of attention at the Australian Geoscience Council Convention (AGCC 2018) will be the development of northern Australia, the better management of our energy generation, feedstocks and energy security and better geoscience education and communication.

The Big Issues and Ideas day on Tuesday 16 October is designed to highlight the fundamental role that Geoscience has as a major field of science throughout the Australasian-Pacific region.
Join Sternberg Museum of Natural History, 3000 Sternberg Dr, Hays, Sunday, October 14, 2018, 1 PM – 5 PM for our National Fossil Day celebration as we explore this year’s theme “The Age of Reptiles: Not Just Dinosaurs”.

We will dive into the ocean ecosystems that thrived in Kansas while dinosaurs ruled the land. Admission to the Museum will be FREE all day and with activities for all ages!
Earth Science Week-at-a-Glance for Monday, November 5, 2018

Welcome to the second quarter. I will have grades finalized for the first quarter by Wednesday.
Unit: Hydrology

Monday – Finish Energy Transfer Lab and Experimental Design
Tuesday – “Me and My Shadow,” and Notes on Heat Transfer
Wednesday – Ozone Problem
Thursday – Ozone Reading
Friday – Quiz, Model the Ozone

Posted on November 5, 2018 in Tyler Hollow
Celebrate National Fossil Day

October 17 is National Fossil Day, and you can help bring awareness for all those creatures that walked, crawled, swam and flew right here in Florida by getting involved as volunteers.

If you're 15+ years of age you can volunteer to excavate at Montbrook (https://www.floridamuseum.ufl.edu/montbrook/get-involved/)

Fossil related activities:

• Visit Florida Museum of Natural History in Gainesville, FL.
  Check out what living things roamed around Florida millions of years ago and see fossils excavated from the Montbrook dig site.

• Cool activities for everyone anywhere:
  Enter the 2018 Art contest and kids can learn how to be a Junior Paleontologist
  https://www.nps.gov/subjects/fossilday/index.htm
International Archaeology Day celebrated on Oct. 20

| October 10, 2018

CHISHOLM — International Archaeology Day will be celebrated on Saturday, Oct. 20, from 11 a.m. - 4 p.m. at the Minnesota Discovery Center in Chisholm. Participants will meet archaeologists from the Superior and Chippewa National Forests and learn how they act as detectives to understand human activities of the past.

Find out what old house foundations can tell us about the people who lived there. Learn about prehistoric tools, and pretend to be an archaeologist at the center’s mock archaeology site. Regular admission prices apply.
Hudson Library Notes: Hogwarts after hours at the library

By Tina Norris on Oct 11, 2018 at 11:25 a.m.

This fall, after the lights go down at the library, a limited few will join us for Hogwarts After Hours, a Fantastical Feast and Magical Fundraiser. Wizards 21 years and older can purchase tickets to enjoy the finest house-elf fare paired with drinks from Madam Rosmerta’s stores. Throughout the night you will have several opportunities to showcase your knowledge of Hogwarts lore and immerse yourself in a magical experience.

Join your fellow library enthusiasts and Hogwarts alumni for a truly enchanted evening from 7-10 p.m. Saturday, Oct. 20. Hogwarts After Hours is a fundraiser hosted by the Hudson Area Library Foundation. The event proceeds will enhance the 2019 ILab programs that impact youth, teen and adult learning. Learn more and purchase tickets today — tickets are limited! Online donations are available on this event page, for those wizards who support the library but cannot attend. Tickets can be purchased at: www.blt.ly/HogwartsAfterHours

Upcoming events

Genealogy at the Library - "16 Ways to Leave a Legacy," Thursday, Oct. 11, 10:30-11:30 a.m. Presentation and workshop by Tina Norris, M.L.I.S.

National Cheese Curd Day, Monday, Oct. 15, 10 a.m. to 8 p.m. Join us for Wisconsin's favorite snack! In the library lobby.

Celebrate Earth Science Week, Monday, Oct. 15, 12-6 p.m (make & take craft) 6-7 p.m (presentation). Join us for a tribute to our planet with UW-River Falls professor Sonja Maki. Maki will give a family-oriented presentation about how plants serve our butterfly and bee populations. An all ages, whole community event!

Library Board Meeting, Tuesday, Oct. 16, 6:30-7:30 p.m. Meetings are open to the public.
CSUSB participates in Archaeology Day at Riverside’s Hidden Valley Nature Center

CSUSB hosted two tables showcasing two of its programs at the Archaeology Expo at Riverside’s Hidden Valley Nature Center for the Archaeological Institute of America’s International Archaeology Day held recently.

Guy Hepp and Nicholas Jew, both assistant professors of anthropology, along with their students, promoted the Department of Anthropology’s Master of Arts in Applied Archaeology program at the Oct. 20 event. They displayed some of the teaching collections used in the department and discussed Hepp’s research on ancient musical instruments from Mesoamerica.

Kate Liszka, assistant professor of history, and her students promoted the Wadi el-Hudi Expedition to the Egyptian Eastern Desert. Wadi el-Hudi is where the ancient Egyptians mined amethyst for jewelry. The Wadi el-Hudi team demonstrated its latest 3D modeling and mapping techniques of inscriptions and the sites.

Liszka, who is the Benson and Pamela Harer Fellow in Egyptology at CSUSB, and her students also organized several fun archaeological activities for children related to the dig including a mock archaeological excavation where they could find bits of amethyst, broken pottery or imitation Egyptian seal impressions.

There was also a story time about the Ancient Egyptians mining amethyst after which kids could make their own purple bracelets. Kids could also color images of amethyst or some of the inscriptions found in Wadi el-Hudi.

The anthropology department also hosted two tables at the San Bernardino County Museum in Redlands, where kids were able to learn about 3D printing and stone tools, as well as play with a microscope.

Both the history and anthropology departments at CSUSB inspired people of all generations to learn more about archaeology.
Archeology Day - the culmination of Earth Science Week!
October 20, 2018

Celebrate international Archeology Day on October 20, 2018!

Since 1998, Earth Science Week has brought together people from around the globe in celebration of scientific research and its benefits for humanity. This year, the theme is "Earth as Inspiration," focusing in part on artistic expression to promote science. So check out the Earth Science Week website to keep up-to-date on upcoming events. Earth Science Week is organized by the American Geosciences Institute.

On October 20, Earth Science Week culminates with a celebration of International Archeology Day and all that archeological research has contributed, and continues to contribute, to our knowledge of human history and our place in the world. Sponsored by the Archaeological Institute of America, International Archeology Day is celebrated around the world with lectures, tours of archaeological sites, and other activities.

For additional information, also see
Earth Science Week’s webpage
US National Park Service’s webpage

Tags: Archeology  Global  Travel & Tourism
International Palaeontological Association

International Fossil Day success in Ecuador

The celebration of the fossil world, in Ecuador - Quito, had great acceptance by the public who attended the Faculty of Engineering in Geology, Mines, Petroleum and Environmental. Children and young people had the opportunity to know and learn everything related to the fossilization of vegetables and trees, through the workshop development "THE SECRETS UNDER YOUR FEET", the material that was used were specimens from the Petrified Forest of Puyango del Aptiano - Albitama, located in Ecuador, Province of Loma.

The contents treated were:
- Process of fossilization
- Morphology of fossil trunks
- dendrochronology

La celebración Mundial del fósil, en Ecuador - Quito, tuvo gran aceptación por parte del público que acudió a la Facultad de Ingeniería en Geología, Minas, Petróleo y Ambiental. Los niños y jóvenes tuvieron la oportunidad de conocer y aprender todo lo relacionado a la fosilización de vegetales y árboles, a través del taller "LOS SECRETO BAJO TUS PIELES", el material que se utilizó fueron ejemplares provenientes del Bosque Petrificado de Puyango del Aptiano – Albitama, ubicado en el Ecuador. Provincia de Loma.

Los contenidos tratados fueron:
- Proceso de fosilización
- Morfología de troncos fósiles
- dendrochronología

Students exhibitors of geology, in the Dean and teaching center (Tania Garcia) of the Faculty of Geology.
Descripción de Earth as Inspiration

It's Earth Science Week, and AGI Earth Science Education Ambassador Sally Jewell has some words of wisdom for young people interested in the geosciences. On this episode of audioEARTH, Joe and Railey speak with Sally about how geoscience impacts our daily lives, how young people can get involved with geoscience, and how Earth inspires us each and every day. This interview
Jividha

Jeevidha Education Organize

Certificate Course in Earth Sciences

22 June to 8 September 2018

- Origin of Universe, Solar System, Earth & Life
- Formation of Atmosphere, Earth Crust & Ocean
- Basic Geology & Geological Time Scale
- Landforms, Mountains & Wetlands (Reference to India)
- Types of Rocks, Soil & Minerals (Reference to India)
- Wind, Temperature & Types – Formation of Clouds
- Intro to Weather of India, Reading of Weather Charts & Weather Reports
- Types of Map, Toposheets Map reading, Making of map, sketches
- Intro to techniques & equipment’s used for land measurements
- History of Man
- Settlement Types
- Forest, Eco zones, Biomes, Biodiversity Hotspots
- Animals & Plants as Bio – Geo
  - Eco Indicators
- Fossils – Occurrence, Significance
- Natural Disasters & Disaster management
- Global Warming & Climate Change
- Applications of Earth Sciences
- Night sky watching

Classroom Sessions: Friday & Saturday (24 Sessions)
Timing: 6.30 to 8.30 pm
Field Tours: Total 7 (6 Full day out of Pune & 1 Half day in Pune)

For booking & details contact: Rajiv Pandit 9421019313
Jeevidha Education
1303 Subashnagar Lane no.8, Atre Bungalow Gate no.
Near Atre Hall, Back side of Dhande Pathology Lab,
Shukrawar Peth, Pune 411002
11 am to 7 pm (Sunday Off)
4. Celebrate the (prehistoric) past: The Gray Fossil Site and Museum, 1212 Suncrest Drive, is celebrating National Fossil Day with a special celebration Saturday from 10 a.m. to 3 p.m. featuring the site's paleontologists and several fossil-friendly activities for kids and families. Learn how paleontologists use 3D scanning to dig up the past and learn more about what makes the Gray Fossil Site special. Admission is $10 for adults and children 4-up.

ETSU and General Shale Brick Natural History Museum and Visitor Center, Gray Fossil Site, 1212 Suncrest Drive, Gray. Chemistry week, open through Sunday; Saturday, National Fossil Day, November art studio programs, open through Dec. 2; Monday, Nov. 12, Sensory Night 4-6 p.m., Wayne G. Basler Exhibit Hall, virtual and permanent exhibits; regular site hours, Tues.-Fri. 9 a.m.-5 p.m., Sat. 10 a.m.-5 p.m., Sun. 1-5 p.m., $5 adults and children, free for children age 2-under and members.
Arts and crafts to explore this week:

JESSICA FULLER • NOV 12, 2018 AT 11:16 AM
jfuller@johnsoncitypress.com

The Willow Tree Coffeehouse and Music Room, 216 E. Main St., Johnson City: Saturday, local art and craft market, 10 a.m.-3 p.m.


Renaissance Center, 1200 E. Center St., Kingsport: Sunday, Kingsport Art Guild juried exhibition, 2-4 p.m., open through Nov. 27, free and open to the public.

ETSU and General Shale Brick Natural History Museum and Visitor Center, Gray Fossil Site, 1212 Suncrest Drive, Gray: Chemistry week, open through Sunday; Saturday, National Fossil Day, November art studio programs, open through Dec. 2; Monday, Sensory Night 4-6 p.m; Wayne G. Basler Exhibit Hall, virtual and permanent exhibits, regular site hours, Tues.-Fri. 9 a.m.-5 p.m., Sat. 10 a.m.-5 p.m., Sun. 1-5 p.m., $5 adults and children. free for children age 2 and under and members.

Mason House Gallery in the General Morgan Inn, 111 N Main St., Greeneville: "2Views: Paintings by Lawrence Danecke and Roger Hankins," reception Thursday 5-7 p.m., exhibit open through Nov. 30.


Toe River Arts Council, 102 W. Main St., Burnsville, North Carolina: Studio tour exhibition, begins Saturday, reception Nov. 30; "Glass and Light," by David Wilson, glass, exhibit open through Dec. 29. Gallery hours Tues.-Sat. 10:30 a.m.-5 p.m.

Alta Vista Gallery, 2839 Broadstone Road, Banner Elk, North Carolina: "Landscape Scenarios," by contemporary impressionist Amos Westmoreland, open through Saturday.

Art on 16 Contemporary Gallery, 324 S. Commerce St., Marion, Virginia: Landscapes by Jenean Hornbuckle, exhibit open through Nov. 28.
November at Hands On: Art studio programs for the month will include watercolor resist leaf paintings, leaf plate rubbings and paper weaving until Dec. 2. Activities are self-guided and instructions are provided. Facilitated programs will happen throughout the day. Snap Circuits activities will take place Tuesdays, Wednesdays and Thursdays through Nov. 22. Visitors can use building pieces to assemble electronic circuits on a simple grid that functions like circuit boards on electronics. The activity will be set up on the TVA Discovery Cart. National Fossil Day will be celebrated Nov. 10 with more details to come. Hands On! Discovery Center is located at 1212 Suncrest Drive, Gray. For more information, call 423-434-4263.
#NationalFossilDay

Best Tweets:

25/12/2016 05:32

...just pinned to #fossil #paleontology: Dr. Don Brinkman poses with ichthyosaur Shonisaurusicketti, the world’s largest known marine reptile #NationalFossilDay bit.ly/2ELo59a
http://pic.twitter.com/4UasSuUFkm

The world is waiting
Launch your wellness site today

University to celebrate National Fossil Day

Experts from the Tuscaloosa and Birmingham area will be at the event to talk about their fossil research. Alle Sorlie, education outreach coordinator for the Alabama Museum of Natural History, said t...

Science News 18/10/2018 01:00

The thousands of fossils Darwin collected may be unsung heroes of his theory of evolution. #NationalFossilDay
ow.ly/GUFs30mpLy

Reliable Email Marketing

- Expert Support 24/7
- Effortless Design Editor
- Real-time Stats

Sign up for free

NU State Museum to celebrate National Fossil Day Oct. 9

In celebration of National Fossil Day the University of Nebraska State Museum invites children and families to a special paleontology themed night at Morrill Hall on Oct. 9. The event, from 5-8 p.m., ...
Attention, teachers and others! Earth Science Week is coming up in October, and the Wyoming State Geological Survey (WSGS) is again offering free toolkits to junior high science classrooms across the state for the event. 50 toolkits are available on a first come, first serve basis provided by the American Geosciences Institute (AGI).

The 2018 Earth Science Week will be October 14-20th, and the theme is "Earth as Inspiration," which AGI says "emphasizes artistic expressions as a unique, powerful opportunity for geoscience education and understanding in the 21st century."

The WSGS helps facilitate the learning in Wyoming by offering a number of resources to science teachers for classroom use. "Most kids have a natural interest and enthusiasm for earth science topics," says WSGS Director Dr. Erin Campbell. "These Earth Science Week toolkits are a great resource for teachers to keep that interest alive."

Each toolkit contains material to help prepare for Earth Science Week and teach earth sciences throughout the year, including posters and calendars, NASA Materials, water footprint calculators, website and GPS resources, and a host of other materials. You can request one by contacting Christina George at christina.george@wyo.gov or (307) 774-2288 ext. 231.

The WSGS and University of Wyoming Geological Museum are also teaming up to kick off Earth Science Week with a special event, "Wyoming ROCKS! The Art of our Geology". That will be Saturday, October 13th, from 11 a.m. to 2 p.m. at the museum. That’s free and open to the public.

AGI has organized Earth Science Week in October since 1968. In 2012, Wyoming Governor Matt Mead proclaimed the second week in October as Wyoming Earth Science Week. More information about Earth Science Week, including links to activities and learning resources, can be found on the WSGS education webpage and on the AGI website.
No Place Like Home: Lessons in Activism from LGBT Kansas

Book Review

Friday, December 7th, 2018, by Rex Buchanan

When it comes to the early battles over LGBT rights, places like San Francisco, Miami and New York might come to mind. But longtime advocates for the LGBT community have also been waging battles in the heartland. Next month, Kansas will swear in its first two openly LGBT state lawmakers and Sharice Davids, a lesbian, will soon represent Kansas in Congress. Clearly, LGBT candidates and issues have been making progress. In her book No Place Like Home, author C.J. Janovy tells readers what the struggle has been like, here in Kansas. Commentator Rex Buchanan has this review.

Commentator Rex Buchanan is a writer and traveler who lives in Lawrence. He's also director emeritus of the Kansas Geological Survey.

Rex Buchanan recently received the Distinguished Service Award from the American Geosciences Institute for his achievements promoting geosciences and natural resources issues affecting Kansans.
Today's events (Oct. 17, 2018)

Liz Snyder  Oct 16, 2018  

Curator Nick Wierus will lead programs today for National Fossil Day at the Kenosha Public Museum.

It's Wear Something Gaudy Day, so if you're decked out in gray, brown — or worse, beige — head back to your closet and grab something bright!

The Kenosha Public Museum, 5500 First Ave., is hosting a "Museum Munchkins" program from 9:30 to 10 this morning. The free program is designed to "get preschoolers excited about science and the world around them." Today's focus is on trilobites ... also known as the official fossil in the state of Wisconsin. This is a free program, open to preschoolers with an adult. For more information, call 262-653-4140.
Museums celebrate Earth Science Week

Posted: Mon 4:33 PM, Oct 15, 2018

GRAND JUNCTION, Colo. (KKCO/KJCT) -- Scientists hope more people are inspired by everything earth. That happens to be the theme of Earth Science Week.

Several local groups including the Museum of Western Colorado and Eureka! McConnel Science Museum are teaming up to raise awareness and offer educational experiences as it relates to earth science.

Earth Science Week started in 1998 to promote education and outreach. There will be many activities put on by several groups all this week.

Local activities are free and open to the public. Colorado Canyons Association and the Colorado National Monument are also partnering up. You can find out much more information by going to museumofwesternco.com.
Almanac - Wednesday 10/17/18

By KEVIN VANCE - OCT 17, 2018

Today is Wednesday, the 17th of October of 2018. It is the 290th day of the year.

There are 75 days remaining until the end of the year. 65 days until winter begins

20 days until the Election on Tuesday November 6, 2018 ...

The sun rises this morning at 7:21 am

and sunset will be at 6:28 pm.

We will have 11 hours and 7 minutes of daylight, today.

The solar transit will be at 12:54 pm.

The first low tide was at 12:35 am

and the next low tide at 1:27 pm.

The first high tide will be at 8:15 am

and the next high tide at 6:40 pm.

Today is...

Black Poetry Day
Breast Reconstruction Awareness Day
International Day for the Eradication of Poverty
Love Your Body Day
National Fossil Day
Earth Notes: National Fossil Day

By CARY ALBERT • SEP 19, 2010

On Oct. 17 this year, the National Park Service and more than 300 partners are celebrating National Fossil Day. This is the eighteenth year of the annual event, part of Earth Science Week.

The day is designated to recognize the value of fossils, and educate people about their importance. An art contest each year results in a chosen logo—this year’s is a Cretaceous-aged Quetzalcoatlus in flight.

The Colorado Plateau boasts an immense and diverse storehouse of fossils. Plants, fish, insects, mammals, and of course the most famous—dinosaurs—encrusted and preserved in the region’s many rock layers, dating from the earliest lifeforms to creatures that roamed during the last Ice Age.

National parks and monuments, museums, and other institutions around the Plateau will be hosting hikes, special programs, and exhibits throughout October.

Grand Canyon National Park will have morning and afternoon talks and walks at the Yavapai Geology Museum on the South Rim. At Petrified Forest, people can make a fossil cast, tour the fossil preparation lab, and meet park paleontologists. At Glen Canyon National Recreation Area, the younger set can become Junior Paleontology Rangers.

Exhibits at the Museum of Northern Arizona in Flagstaff showcase various finds. And the second Saturday of the month is Fossil Day with hands-on programs for kids and families.

The “Dinosaur Diamond” is a scenic driving tour through western Colorado and eastern Utah—featuring a wide range of fossil sites.

For a current list of activities and locations, go to npk.gov/subjects/fossilday.
Poverty Point archaeologists let visitors experience an archaeological dig

By Jessica Trameci | Posted: Sat 9:07 PM, Oct 13, 2018

WEST CARROLL PARISH, La. (KNOE) - "Love it. Love it. Everyone should come to check it out."

That's Mary Jane Lelièvre and her sister Pam's reaction to seeing Poverty Point for the first time.

“We wanted to go look at the artifacts, and it was so interesting to see the pottery and the nails and the little pieces like that that they found in the ground,” says Lelièvre.

Saturday morning, Poverty Point archaeologists hosted an artifact screening, where people could come up and sift for artifacts for themselves.

Third-grader Benjamin Ibenot says it’s cool to see an archaeological dig first-hand.

"It's because I'm learning about it at my school, so I wanted to come to do it," says Ibenot.

Diane Greenlee, the Poverty Point station archaeologist, says this screening is part of a project started a little more than a year ago. They’re taking shovel samples from a 19,000-acre radius around Poverty Point to understand better how Native Americans lived in Louisiana.

"So when you think about how people use their landscape, they don't just stay in one area, they go somewhere else to go hunting, to go fishing," Greenlee said.

To find artifacts, they dig holes and take out samples of dirt, mix in baking soda to soften the soil and then run water through the mixture to end up with pieces of pottery.

"What we want to do is find out where were people living outside the park, and where were they doing different kinds of activities...and we can do that by looking for their artifacts," Greenlee said.

Since the project's started, they've found more than just artifacts too.

"We've found possibly another mound, it looks like a mound we're just not entirely positive yet, and we have found another what looks to be a poverty point aged domestic site or habitation site or area," Greenlee said.

She says their goal is to continue unveiling Poverty Point's mysteries.

"It's so that we can tell a better story to visitors and let them know what was going on."

Saturday, October 20th, is International Archaeology Day and Poverty Point will hold events showing how the Native Americans lived from 10am to 2pm. They'll teach people about spear throwing and Native American cooking styles.
Paleontologists celebrate National Fossil Day at NM Natural History Museum

By: Victoria Velarde

ALBUQUERQUE, N.M. (KRQE) - Dinosaur fans will be pleased to know it’s National Fossil Day.

Paleontologists celebrated by gathering at the New Mexico Museum of Natural History and Science.

They helped teach visitors about some of the more unique fossils at the museum.

Organizers say it’s a fun learning experience.

"There’s some kind of natural connection between children and fossils and dinosaurs," said Vincent Santucci, National Park Service Senior Paleontologist. "By having events like this, we’re able to engage children and get them excited about learning."

Fossil enthusiasts can learn from some of the most well-known paleontologists throughout the week at the museum.
The Colours of Iron

‘The Colours of Iron’ (Lochaber, Scotland) by Ursula Lawrence took the third place in the Geological society’s 2018 Earth Science Week photography competition, ‘Earth Science in our Lives.’

A micro landscape photographed on an exposed quarry face of Ballachulish Slate Formation. The dark coloured mudstones contain Iron Pyrites (Iron Sulphide). This reacts with oxygen and water to form iron oxide (rust) and sulphuric acid. The acid reacts with any calcareous cement in the mudstone to form gypsum (hydrous calcium sulphate). This reaction is very important to engineering geologists as the acid attacks concrete and the gypsum causes heave.
Las Cruces Sun News

Fossils, dinosaurs and more during Earth Science Week

LAS CRUCES - The Museum of Nature & Science is planning a week full of geological and paleontological explorations for Earth Science Week Oct. 15-20. All events are free and open to the public.

The events will begin with Fossil Day, a family-friendly event on Saturday, Oct. 13, from 9 a.m. to noon at the museum. Activities and demonstrations will be presented by museum education staff, the Bureau of Land Management and New Mexico State University's Vertebrate and Zoological Museum. BLM paleontologist Colie Dunn will lead a guided tour of the Prehistoric Trackways National Monument at 1 p.m. Interested hikers will need to transport themselves to the trailhead and be prepared with water, good shoes and sun protection.

More: Prehistoric Trackways a treasure trove of unique resources

On Wednesday, Oct. 17, the museum will host paleontologist Kate "Doc" Ziggy" Zeigler at the Active Galaxy Lecture Series, where she will present "Paleontology in New Mexico" at 5:30 p.m. Guests will learn about what it means to be a paleontologist and can discuss their favorite New Mexican dinosaurs.

BY HILTON
Make Your Travel Moments Bigger
See more →

A special edition of Teen Science Cafe, hosted by the museum and the NMSU Department of Geological Sciences, will take place at NMSU's Gardiner Hall Thursday, Oct. 18. Teens in grades 6-12 are invited for dinner, dialogue and demonstrations with a professional geologist starting at 5:30 p.m.

To wrap up the week of events, the museum will host STEAMpunks – Florence Bascom on Saturday, Oct. 20, at 11 a.m. Bascom was the second female geologist to earn a PhD in the United States. Participants will explore her career and examine local geology.

The museum is at 411 N. Main Street and is open Tuesday through Friday from 9 a.m. to 4:30 p.m. and Saturday from 9 a.m. to 4:30 p.m. For information, visit http://las-cruces.org/museums or call 575-522-3120.

Educators interested in receiving an Earth Science Week toolkit may contact TDEC Geologist Ron Zwawski at Ronald.Zwawski@tn.gov or (615) 532-1502. The toolkits are free of charge while supplies last. For more information about Earth Science Week, visit www.earthsciweek.org.

HASLAM PROCLAIMS OCT. 14-26 EARTH SCIENCE WEEK IN TENNESSEE added by design on October 3, 2018
View all posts by design —

Related posts:

. Haslam proclaims October 9-15 Earth Science Week
For Your Information

Contests, freebies, great deals, and must-see websites—here are a few of our favorites.

Now’s the Time

Thank You

October is National Principals Month. Visit the website principalsmonth.org, where you’ll find a social media toolkit, free e-cards, sample press releases, and more ideas and resources to recognize your principal. Plus students can enter a video contest for a chance to win a $200 gift certificate by showing why they appreciate their principal.

Celebrate the connections between children and local food during National Farm to School Month in October. The farmtoschool.org website has ideas and resources to help K–12 teachers get started. For example, you might hold taste tests of local foods, visit farms and farmers markets, or throw school garden harvest parties. The website also has free posters, bookmarks, and more. Take a look!

Promote aerospace education in your K–12 classroom with an Air Force Junior ROTC grant of up to $250. Grants are issued twice a year; the next deadline is October 10, 2018. Funds may be used for any aerospace education–related activity, from buying textbooks to going on a field trip. Download an application at wwwafa.org/education/air-force-junior-rotc-grants.

“Earth as Inspiration” is the theme for Earth Science Week, October 14–20, 2018. To celebrate, four contests will be held. The video and photography contests are open to all ages; the visual arts contest is for grades K–5; and the essay contest is for grades 6–9. One winner in each receives $300. Enter by October 19, 2018. For guidelines, visit earthsciweek.org/contests.

Here’s a sweet deal: The Whole Kids Foundation has honey bee grants and garden grants for K–12 schools. Four grant options—from $300 to $1,500—are available for honey bee programs. Garden grants of $2,000 help you start a new edible garden or support an existing one. Both deadlines are October 15, 2018. Find applications, educators’ guides, and other resources at wholekiddsfoundation.org.
Paleontologists Converge On Albuquerque On National Fossil Day With Keynote Speaker Steve Brusatte

Satel Beas (Satelhuvrurzto seale) Skull. Courtesy/NMNH/JS

Mecacen Compusterrium Skull being prepared. Courtesy/NMNH/JS
ALBUQUERQUE — A world-class repository for fossils, the New Mexico Museum of Natural History & Science’s latest exhibition Back to Bones: New Mexico’s Links to the Past featuring rarely seen specimens from the permanent collection is on display to greet the 78th annual meeting of the Society of Vertebrate Paleontology Oct. 17-20, in Albuquerque.

The Society of Vertebrate Paleontology (SVP) is an international organization of scientists and other people interested in the study of fossils of animals with backbones (see http://vertpaleo.org/). There are approximately 2,300 members. The society’s annual meeting is held in the autumn, usually at a major city that has, or is near, a natural history museum. SVP last held its annual meeting in Albuquerque in 1993 (25 years ago).

The SVP convention starts on 2018 National Fossil Day (NFD), celebrated by the Bureau of Land Management (BLM) Oct. 17, 2018 during Earth Science Week, Oct. 14-20, 2018. National Fossil Day was established by the National Park Service (NPS) in response to the Paleontological Resources Preservation Act which requires federal land managing agencies to create programs that increase public awareness of the significance of paleontological resources. This annual event supports the BLM Education, Interpretation, and Youth Engagement National Strategy by fostering a greater appreciation of the scientific and educational value of fossils.

There will be National Fossil Day exhibits 10 a.m. to 2 p.m., Wednesday Oct. 17, at the museum, with exhibits by the New Mexico Friends of Paleontology, SVP, National Park Service, and US Bureau of Land Management—Prehistoric Trackways National Monument.

Dr. Stephen Brusatte, author of the book “The Rise and Fall of the Dinosaurs” and the SVP’s keynote speaker, will give a free public lecture at the Museum at 7 p.m. Tuesday, Oct. 16. Doors open at 6 p.m. and seating will be on a first-come, first-served basis until the capacity of the DynaTheater is reached.

Brusatte is an American paleontologist and evolutionary biologist, who specializes in the anatomy and evolution of dinosaurs. He is on the faculty of the University of Edinburgh in Scotland and grew up in the Midwestern USA. Brusatte has traveled the world digging up dinosaurs, working with many international colleagues, and has named more than 15 new species, including the tyrannosaur ‘Pinocchio rex’ (Qianzhouaurus) and the raptor Zhengyuanlong. He has written several books for kids and adults, most notably the adult pop science book The Rise and Fall of the Dinosaurs (2018), which was a New York Times bestseller in the USA. His work has appeared on several television shows, such as the National Geographic extravaganza T. rex Autopsy, where he was part of the team that dissected a scientifically accurate life-sized model of a T. rex.

A juried exhibition of paleoart Ficturing the Past also is on display at the NMNH through Jan. 4, 2019. Paleoart is scientifically informed artwork that reconstructs ancient life and prehistoric environments. These artists literally draw from the fossil record for their inspiration, using their knowledge of anatomy, evolution and inference to create lifelike renderings of creatures that went extinct millions of years ago.

Tags:
Science Education Environment Nation
Stroller: What was the first workers union?

Stroller  Oct 10, 2018

TODAY’S WORD is battue (baw-tu). Example: The group had planned for a simple battue, coming out on Saturday and killing wild turkeys. But three hours later, most were treating their wounds after being attacked by the birds.

TUESDAY’S WORD was maladroit (maal-o-droyt). It means ineffective or bungling. Example: If you follow the New England Patriots, it’s hard to believe, but Coach Bill Belichick once ran the most maladroit version of the Cleveland Browns before being fired in 1995.

TODAY IS: National Fossil Day

Today is a day that actually makes sense. With some of these, the Stroller isn’t so sure. But National Fossil Day was created in Oct. 2010 during Earth Science Week. The idea was to help people understand why it’s important to study the past.
Library News

National Fossil Day: Books for Kids and Adults

Post Date: 10/17/2018 5:00 AM

Wednesday, October 17 is National Fossil Day 2018!

National Fossil Day is an annual celebration established by the National Parks Service and held to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations. Since 2010, National Fossil Day has been celebrated each October during Earth Science week. We've put together a collection of books for aspiring paleontologists of any age to help mark the occasion.

Fossil Books for Kids
MinEx CRC was launched by SA Minister for Energy and Mining Dan van Holst Pellekaan in conjunction with the Australian Geoscience Council Convention in Adelaide and Geoscience Australia's Earth Science Week 2018.
Missouri Department of Natural Resources

Activities

Earth Science Week 2018

Join us in celebrating the 21st annual Earth Science Week and gain a better understanding and appreciation for the Earth Sciences. Events scheduled for October 14-20 will celebrate the theme, "Earth as Inspiration." This year's celebration emphasizes artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century. Our Governor's proclamation is coming soon!

Earth Science Week activities will engage young people and others in exploring the relationship between the arts and the Earth systems by promoting public understanding and stewardship of the planet, especially in terms of the ways art relates to geoscience principles and issues as diverse as energy, climate change, the environment, natural disasters, technology, industry, agriculture, recreation, and the economy.

Earth science is all around us. Go ahead – be a citizen scientist!

Contests

Enter the video, photography, visual arts and essay contests! All submissions are due by 4 p.m. CT, Friday, Oct. 19, 2018.

Events

- **Sunday, Oct. 14**
  - **International Earthcache Day.** Explore the world with this GPS scavenger hunt! Participate in a GPS scavenger hunt! Visiting an EarthCache site is a great outdoor activity the entire family can enjoy.

- **Monday, Oct. 15**
  - **Earth Science Literacy Day.** Learn the fundamentals of geosciences with *Earth Science: Big Idea*, a video series developed to explain why Earth science literacy is important.

- **Tuesday, Oct. 16**
  - **Earth Observation Day.** Engage students and teachers in remote sensing as an exciting and powerful educational tool. Learn about remote sensing. Celebrate the Landsat program – provider of a continuous space-based record of the Earth’s surface since 1972. Get this year’s cool poster!
  - **No Child Left Inside Day.** Join other young people and enjoy experiences that make learning fresh and exciting. Venture outside with children so they can explore and conduct Earth science research like a professional geoscientist.
• **Wednesday, Oct. 17**
  - **National Fossil Day.** The ninth annual National Fossil Day is dedicated to promoting the understanding and appreciation of fossils. AGI is sponsoring an Art Contest this year. National Fossil Day is a great time to visit the Missouri State Museum, located on the first floor of the Capitol where you will see fossils embedded in the building’s limestone walls, floors and stairs. Also, on National Fossil Day, visitors to the Ed Clark Museum of Missouri Geology, 111 Fairgrounds Road, Rolla, will receive a small Crinoid fossil (official state fossil). See this article about some of the fossils in limestone of the Capitol and this map showing their locations.

• **Thursday, Oct. 18**
  - **Geoscience for Everyone Day.** We all can make a real difference by opening a young person's eyes to the exciting world of a career in Earth science.
  - **The Great Central U.S. ShakeOut.** Join millions of people in practicing how to "Drop, Cover, and Hold On" during this important earthquake exercise Thursday, Oct. 18 at 10:18 a.m. Resister your school, business, family and participate. Learn about earthquake potential in Missouri. Watch award-winning videos made by Missouri school children about what to do before, during and after an earthquake.

• **Friday, Oct. 19**
  - **Geologic Map Day.** Learn about the study, uses, importance of geologic mapping for education, science, business, and a variety of public policy concerns. Special mapping exhibits will be on display at the Ed Clark Museum of Missouri Geology, 111 Fairgrounds Road in Rolla. Learn more about and download geologic maps.

• **Saturday and Sunday, Oct. 20 and 21**
  - **Ozark Mountain Rock, Gem and Mineral Society Rock, Gem & Mineral Show.** The 51st annual show will be held at the Expo Center, 635 E. St. Louis Street, Springfield, Mo., and is sponsored by the Ozark Mountain Gem and Mineral Society.
  - **International Archaeology Day.** Hosted by the Archaeological Institute of America, this special event is a celebration of archaeology and the thrill of discovery.

Enjoy a self-guided tour of the Ed Clark Museum of Missouri Geology, located at 111 Fairgrounds Road, Rolla. Open weekdays from 8 a.m. to 5 p.m., the facility will be closed Mon., Oct. 15, 2018, in observance of Columbus Day.

**Search Earth Science Week Events, Worldwide**

• **Use the start date and end date and select one or more locations** for events in U.S. states and territories, and other countries. Learn more at American Geosciences Institute's website.

**Do you Have Questions about Missouri Geology? We have answers!**

Do you have a question about Missouri geology, or do you have a rock you would like to have identified? If so, send a photo of the rock and information about where you found the rock and one of our geologists will reply. Contact us at askageologist@dnr.mo.gov.
Makoshika State Park celebrates National Fossil Day on Oct. 13

Oct 8, 2018  0

Makoshika State Park houses the fossil remains of such dinosaurs as Tyrannosaurus rex and triceratops.
Montana State Parks

MORE INFORMATION

Road closed at Makoshika for work
The road into Makoshika State Park will be closed for road construction at the visitor center starting Monday, Aug. 20.

National Fossil Day will be celebrated at Makoshika State Park on Saturday, Oct. 13, from 1 to 3 p.m.

Park staff and local paleontology partners — Batsch’s Montana Dinosaur Digs, LLC and Frontier Gateway Museum — will present activities and games. As part of the event, the Glendive Dinosaur and Fossil Museum will also have a discounted entrance fee of $5.

Attendees should dress appropriately for weather. For more information call the park visitor center at 406-377-6256.

National Fossil Day is an annual celebration held to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations. National Fossil Day is organized through a partnership between the National Park Service and a growing list of federal and state agencies, professional organizations, museums and universities, and other groups.
Earth Science Week 2018 Toolkit Available

Earth Science Week is coming up Oct. 14-20, so here are a few resources to help teachers promote Earth sciences. This year’s theme is Earth as Inspiration. ESW, which is sponsored by the American Geosciences Institute, aims to engage students in exploring the relationship between the arts and the Earth’s systems. Learn about Earth Science Week. The main Earth Science Week website has a number of links with resources, a photo gallery and social media pages. You can also order the Earth Science Week toolkit. This year’s toolkit includes:

- 12-month school-year activity calendar, suitable for hanging
- New Earth Science Week poster, including a learning activity
- NASA materials on school resources and planetary exploration
- National Park Service posters on caves, plants, and geology
- Geologic Map Day poster dealing with artistic inspiration
- Mineral Education Coalition “Quarry to Crop” postcard
- IRIS material on seismology and earthquakes
- AmericaView poster on exploring America through LandSat
- Howard Hughes Medical Institute poster on global change
- UNAVCO materials on Geodesy and websites to explore
- Fact sheet from Critical Zones Observatories
- Switch Energy Project information on energy science
- Bureau of Land Management dinosaur coloring page
- Material on Constructing the Rock Cycle from GSA
- Water Footprint Calculator information on water science
- EarthScope material on what it means to be an Earth scientist
- CLEAN, AMS, TERC, and GPS information and more

Categories: Community, Cyber Security
Is your fossil valuable? Fossil ID days make it easy to find out

By JOSH LEW
September 6, 2013, 9:25 a.m.

As a child, you might have picked up a rock and pretended it was a dinosaur bone or a precious artifact.

As an adult, you can find out the real story, thanks to a handful of museums, parks, and research centers around the country that host events where you can take your treasures and have a qualified geologist, anthropologist or paleontologist tell you whether it's real—or not. That's the chance you take.

Like 'Antiques Roadshow' for fossil hunters

For children and adults, these events are a chance to put a realistic spin on something that's usually kept in the realm of imagination. Some of these events are sort of like a natural history version of "Antiques Roadshow." Of course, the antique treasures featured on the popular PBS series only represent a small portion of the items brought to the live events by hopeful attendees. And most fossil ID days, such as the one held each summer at New York City's American Museum of Natural History (yes, that's the one from "Night at the Museum"), don't focus on the value of objects, but merely on identification.

The American Museum of Natural History's paleontologist, Carl Mehling, who has participated in the New York venue's ID day for the past two decades, says it's not often that people bring in items of significant value. "It's incredibly rare that someone walks in with something genuinely scientifically valuable," Mehling told Atlas Obscura. "I get people coming in saying, 'I'm certain this is a dinosaur egg,' and I have to say, 'Sorry, no, it's a rock.'"

The real highlight for attendees is the chance to get hands-on with casts of real paleontology specimens and to mingle with professionals who often started their research and academic careers as fossil-seeking enthusiasts — just like some people in the crowd waiting to have their specimens assessed.
ID events are held all over the nation

If you’re willing to do a little legwork, you don’t have to wait for an ID event. Natural history museums, nature interpretive centers, universities and similar venues often have an enthusiastic staff member willing to help you identify a fossil, plant or artifact.

Identification events in places like the American Museum of Natural History bring these enthusiastic experts together and make identification more accessible for people who would otherwise keep their finds in a drawer. For fossil collectors who don’t live near a museum or college that offers such ID services, there are other options. The University of Utah, for example, has an online submission page where people can upload pictures and descriptions for a staff paleontologist to look over.

In upstate New York, the Paleontological Research Institution holds ID events on the second Saturday of each month in its Museum of the Earth. The group also runs fossil-collecting trips. Another institution of higher education, Rutgers University, has an annual event at its geology museum that’s much like the American Museum of Natural History’s ID day. The New Jersey school’s geology venue also has ID sessions during its monthly Late Night at the Museum event. These themed nights focus on different specialties, so their appeal goes beyond fossil hunters. For example, an upcoming night will feature minerals, while another will offer insight into volcanoes.

National Fossil Day

Your best chance of finding a nearby fossil event is on National Fossil Day, which is held in October each year. (In 2018, the event falls on Oct. 17.) The National Park Service (NPS) facilitates a number of events during this rock hunter’s holiday, all of them related to fossils, but not all related to identification. At Petrified Forest National Park in Arizona, for example, visitors can create plaster casts of fossils.

According to the NPS, the mission of National Fossil Day is to provide information about fossils from both a scientific and conservation perspective. The NPS creates events to “promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values.”

The American Museum of Natural History’s Mehling puts the allure of fossil events in simpler terms, saying that for himself and the kindred spirits who come to fossil ID days, it’s all about following the urge of “picking things up and trying to figure out what they are.”

You can do the first part on your own, and now there are a surprising number of resources to help you achieve the second. Happy hunting.
Winning shots show off U.K. sites and the photographers who love them

Earth Science Week is an October celebration by The Geological Society of London, with various events held in the United Kingdom and Ireland. One of the highlights is the group's annual photo competition, which took a more personal approach this year.

Organizers asked photographers to submit images of geological sites throughout the U.K. and Ireland that "mean something in their lives — whether a field trip site, a location close to their home, or a place they love to visit."

This year's first-place winner was Andy Leonard for his black-and-white photograph of Bow Fiddle Rock in northeast Scotland.

"Bow Fiddle rock is eroded from Cullen Quartzite and is an extremely well-known landmark. I, and many others, moved to NE Scotland in the oil boom of the 1980s, and this is one of the many beautiful landscapes within the area," Leonard wrote in his submission.

The 12 winning images feature locations in Scotland, Ireland, Northern Ireland, Wales, England and even the Falkland Islands, a U.K. territory. You can learn more about each locale and why they're important to the photographer in the captions below each image.
Between the Stacks - Celebrate International Archaeology Day at the library

By Emmie Hancock Special to the Moultrie News  Oct 17, 2018

This October, South Carolina celebrates its 27th annual Archaeology Month. The mission of this month-long celebration, as stated by the South Carolina Institute of Archaeology and Anthropology (SCIAA), is "to bring our state's historic and prehistoric past to life." Both the SCIAA and the Archaeological Society of South Carolina have planned countless events all over the state in the spirit of Archaeology Month, all of which can be found at their websites, artsandsciences.sc.edu/sciaa and archaeologysc.org, respectively.

Meanwhile, here at the Mount Pleasant Regional Library, we'll be digging into our own events to celebrate International Archaeology Day on Saturday, Oct. 20.

From noon to 1 p.m., join archaeologist Ron Anthony of the Charleston Museum for a presentation called "Uncovering Stono Plantation." Attendees will learn about the Charleston Museum’s work at the Dill Sanctuary’s Stono Plantation and see artifacts found at the site.

Afterwards, from 1:30-2:30 p.m., enjoy "Inside the Walled City," a presentation from the Historic Charleston Foundation's Katherine Pemberton. Attendees will discover the work of the Mayor’s Walled City Task Force, and learn how it has raised awareness of colonial fortifications and local archaeology.

Finally, from 3-6 p.m., join Dr. Eric Poplin of Brockington and Associates for, "What the Heck Is It?" During this three-hour stretch, participants can drop in any time with an artifact of unknown origin for identification by Dr. Poplin, who is an expert archaeologist. Even if you don't have an item to be assessed, come watch the identification process and learn about other finds.

Learn more about International Archaeology Day at archaeologyday.org and learn more about the Mount Pleasant Regional Library's celebration of local archaeology by calling 843-849-6161 or visiting ccpf.org.
West Tisbury: On watch

By Pamela Hull - September 23, 2018

I have spent much of the past few days watching Hurricane Florence approach the Carolinas and Georgia, then seeing the devastation from wind and rain, horrific flooding, and consequences I can barely imagine. Some of that rain, much needed here, is expected to come up the coast toward us later this week. It may miss us, as much appears to be a thick band to our west, but I do hope for at least a couple of inches. Here we are in a drought, as flooding has washed away entire communities to our south.

Then the gas explosions in Andover, North Andover, Lawrence. What a week of tragedies for so many families.

Closer to home was the house fire in Chilmark that began early Wednesday morning. Firefighters from all the towns were called for mutual aid. There have been some bad accidents, and an unusually high number of false alarms and car accidents that have roused our firemen from their beds or from work several times this past week. I can only hope that things will calm down some.

Looking out the window, though, I can only see sunshine and feel cool air on my face. This is my best time of year. Summer is over officially on the fall equinox, Sept. 21.

Leslie Prosterman's Poetry Workshop, Session II, will meet this Saturday, Sept. 22, at the Chilmark library from 2 to 4 pm. Bring your notebook, a pencil, and your creative self.

The Heath Han will be starting two new classes/groups, and is looking for participants. Both groups will meet on Wednesdays: Hand Sewing/Gilding from 10 to 11 am, and Knitting from 4:30 to 6 pm. Please call to enroll:

508-693-6730. New fall hours are: Monday through Friday, 10 to 4, and Saturday, 10 to 3.

A heads-up regarding two programs in October. Dr. Fred Hutchkiss has sent an announcement for National Fossil Day, to be celebrated at the Oak Bluffs library on Oct. 18. Get your fossils, questions, and curiosity ready for displays and experts on hand. The Women's Symposium XLII will meet on Oct. 27 at the Chilmark Community Center. The topic for discussion will be "If Not Now, When?"
At the West Tisbury library this week:

Friday, Sept. 21, 3:30 pm. Dumbledore’s Army monthly meeting for all Harry Potter fans ages 10 through 17.

Saturday, Sept. 22, 11 am, “Easels on the Porch: Painting Your Inner Landscape,” with Jennifer Knight. Participants, ages 16-plus, are invited to “visualize, embody, paint, and journal their own bodily experiences of joy and delight.” Sign-up is required. Bring your own materials, or purchase supplies for $20. A supply list is on the library’s website: westtisburylibrary.org. At 2:30 pm, Lego Club for all ages will meet.

Monday, Sept. 24, 11:30 am. Kanta Lipsky’s Balance Workshop will meet.

Thursday, Sept. 27, 4 pm, Christina Montoya will show a short video about her two-week immersion in Afro-Cuban dance in Havana, Cuba, followed by an interactive Cuban Salsa Suelta dance class. Ages 9-plus. At 6 pm, there will be an information session with members of the Martha’s Vineyard Cultural Council. Learn about funding opportunities for arts, humanities, and interpretive sciences projects in 2019.

The library is offering a new tech help service every weekday afternoon from 3:30 to 5 pm. The IT/reference librarian will be available to help with tech questions. Bring your device. Appointments are preferred. Call the library at 508-693-3566.

Mike and I began worrying last Saturday as our cat, Mona, disappeared. She had never missed a meal before, and usually spent her days sleeping on our porch. On Monday I called Tony Cordray to ask if any cats had been found on the road near our house. Fortunately no, but she was still missing. By Tuesday I was convinced that she had gone off into the woods to die on her own. She was, after all, 18 or so. I couldn’t stop crying and missing her quiet presence. Nelson and Nanuk seemed unsettled, as well. I told Tony to stop looking for her.

Wednesday morning, more accurately sometime during the night, Mike woke me up to look at a sleeping mostly gray cat curled up on our bed. Mona had come home. She had woken Mike up to feed her. She looked perfectly fine. She felt a little thinner and was probably dehydrated, but she was home and she was fine.

I know she will probably wander off again some day, and she really will die, maybe in some undetectable, quiet spot she will find in our woods. I will be sad to lose her. Sad, too, not to lay her body in a cozy grave in our pet cemetery, where I can sit with her or walk by and say “Hello.” But for now I can only delight in her return to where she belongs, and in feeling her soft fur in my arms.
Tomorrow afternoon, Friday, Oct 12, at 1:30 pm, Tom Dresser will talk about his 2008 book "Mystery on the Vineyard: Politics, Passion and Scandal on East Chop" at the Tisbury Senior Center. This is a story dating back to 1940, and the subsequent court case provides a fascinating review of how much the Island and New England have changed since then.

I promised to remind you. The Martha's Vineyard CROP Hunger Walk is Sunday, Oct 14. The six-mile walk will begin and end at St. Augustine's Church with a halfway stop for rest and refreshments at Trinity Methodist Church in the Campgrounds. This CROP Walk is held in memory of Alden Bessa, founder of the M.V. Hunger Walk and its leader for 25 years, who died last year. Also this year, Betty Burton will be honored for her 20 years of leadership in the Vineyard’s efforts to alleviate hunger on the island. Together we can help end hunger in our community and around the world.

I am probably the only one. I really prefer the days when a holiday is held on a specific date instead of a nearby Monday. I was confused about what holiday this last one could be, because I never had celebrated Oct. 8 for anything.

The Vineyard Haven library announces the start of seasonal Sunday hours at the library with a screening of "En Librero: The New York Public Library". This documentary is a look within the walls of the NYPL, one of the greatest knowledge institutions in the world, revealing it as a place of welcome, cultural exchange, and learning. The film will be shown at noon on Sunday, Oct. 14. Celebrate National Fossil Day at the Oak Bluffs library next Thursday, Oct 18, from 5 to 7:45 pm. It’s free, for all ages, especially students. You can bring fossils or even funny-looking rocks to ask about, because there will be experts as well as collectors there. Or just go to see what others may bring.

A New York Times columnist said that now one-third of the male justices on the Supreme Court have been credibly accused of sexual misconduct. And these two men will likely chip away at American women’s rights. Nicholas Kristof was correct in saying that the whole process has been bad for civility in our United States. I am afraid he may also be right when he suggests it will end up bad for the legitimacy of our federal court system.

Are you planning to vote in November? Most voters don’t bother with midterm elections. That just means your vote counts more. Think about it. Do your part to support our democracy.

Happy birthday to Ryan David Dunbar, and also Lee and Chris Love, on Friday. Wish the best on Saturday to Heather Angelastro and David Finkelstein.

Heard on Main Street. When trash can be converted to energy, trash becomes part of the solution.
Travel back in time on National Fossil Day

October 10, 2018

On Thursday, Oct. 16, the Oak Bluffs library celebrates National Fossil Day by inviting the community to share their own pieces of ancient history and learn about fossils from the pros.

From 4 pm to 7:45 pm, library visitors will be able to explore artifacts from millions of years ago. Whether it’s an ancient megalodon shark tooth the size of a dinner plate, or a piece of obsidian from a prehistoric volcano, this event is fun for all ages.

Visitors are encouraged to bring in their own findings to share and ask questions of a number of archaeologists, paleontologists, zoologists, and collectors. Some guest presenters include Betsy Dripps and Kendra Burech of Polly Hill Arboretum, along with paleontologists Jessica Cundiff, zoologist Joe Martinez, and many more. There will be display boards diagramming the various specimens, along with interactive learning opportunities for kids and adults.

According to the National Fossil Day website, National Fossil Day is an annual celebration held to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations.

National Fossil Day at the Oak Bluffs library is partially supported by a grant from the Martha’s Vineyard Cultural Council.

Visit the Oak Bluffs library website for more information, or call 508-593-9433.
Fossil fun at the Oak Bluffs library

Islanders of all ages flocked to the Oak Bluffs library on Thursday for its annual Fossil Day. Falling within the national fossil “week,” as organizer “Fossil Fred” Hotchkiss put it, scientists and fossil collectors alike brought their troves of treasures to the library for an interactive night of teaching kids and adults about fossils.

Created by the National Parks Service, Fossil Day was officially observed on Wednesday, but they encourage people to celebrate throughout the week and whatever day suits them best. Hotchkiss, who is a retired paleontologist, has been organizing the event for five years, and always has a good turnout.

“I love the public participation,” Hotchkiss said. “The kids are really interested in it, and everyone has a good time.”
Napa Valley's Living Landscape

**Napa Valley's Living Landscape: The Petrified Forest**

Kathleen Scavone  Oct 21, 2018

I wonder if you knew that Oct. 17 was National Fossil Day, initiated by paleontologists to celebrate fossils?

Here in Calistoga is a forest of fossils — Calistoga’s Petrified Forest. This is a great destination to take in the splendors of a fall day, and soak in some history as well.

As I entered the grounds, I craned my neck to admire towering, ancient Valley Oaks, more than 400 years old, and noted the historic building that houses the park’s impressive museum and nature store survived the Tubbs Fire.

Hiking the well-maintained trails, I marveled at the mystery of the park’s namesake — its petrified redwood giants — while breathing in the familiar scents of forest, a perfume of pine and duff.

I made note too, that although much of the park remained intact, it did sustain some damage from the 2017 fires, but clean-up has ensued and the trails are immaculate.

Up ahead, along the shaded trail a garrulous covey of quail scattered, while in the canopy above, crows called out their quintessential fall greeting. Both of the park’s trails are only a half-mile each, but be sure to allow for plenty of time to take in the interpretive exhibits along the trails, which explain the live flora, as well as the fossil trees that you are viewing.

The quiet that now ensues belies a violent past. The petrified trees of the park were formed due to a volcanic eruption of over 3.4 million years ago. Since our planet is over 4.6 billion years old, the eruption was, geologically speaking, fairly recent.

Geologists have determined the eruption occurred in an approximately one-mile radius of the sentinel that is Mt. Saint Helena, making the mountain a feature that is left over from intense volcanic activity, and not a volcano, per se.

Events that contributed to form the Petrified Forest included a fierce and powerful volcano. The volcanism held within its maw, magma loaded with silica. This earthly mass was thick, and did not stream out freely like a Hawaiian volcano, but instead, its magma chambers held unstable gases that eventually exploded with intensely hot pyroclastic flows that then blanketed the area with volcanic ash.
National Park Service

Celebrate National Earth Science Week at Capitol Reef National Park

Date: October 9, 2018
Contact: Visitor Center, 435-425-4111

Earth Science Week will be held October 14-20, 2018 and will celebrate the theme “Earth as Inspiration.” The year’s events will emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century. Capitol Reef National Park was created to preserve and protect a rich geologic story and is a great place to learn more about the Earth.

**All Week**
10:00 am **Daily Geology Talk.** Learn about Capitol Reef’s geologic history. Located at the visitor center. 30 minutes.

**Wednesday, October 17:**
9:00 am **Fossil Hike.** Learn about paleontological resources. Meets at the Sulphur Creek Trailhead. Moderately strenuous hike. Approximately 1 mile (1.6 km) on uneven terrain. 90 minutes.
2:00 pm **Fossil Talk.** Meets at the Ripple Rock Nature Center. ¼ of a mile (1.2 km) south of the visitor center on Scenic Drive. 45 minutes.

**Thursday, October 18:**
7:30 pm **Evening Illustrated Program on Fossils.** Discover the paleontological and geological resources of the park. Located at the campground amphitheater. Plan on cold temperatures, dress warmly. One hour.

**Friday, October 19:**
9:30 am **Geology Hike.** Hike the moderately difficult Fremont Gorge Overlook trail part-way on uneven terrain and learn about the geology of the park. Meets by the blacksmith shop, across the street from the Ripple Rock Nature Center. 90 minutes.

**Saturday, October 20:**
1:00-3:00 pm **Ripple Rock Nature Center** will be open with activities for children of all ages. Located ¼ mile (1.2 km) south of the visitor center on Scenic Drive.
5:15 pm **Junior Geologist Program.** Kids can earn a special patch by participating in this program to learn about Geology. 30 minutes. Located ¼ mile (1.2 km) south of the visitor center on Scenic Drive.

For more information visit the park’s web site at www.nps.gov/car, facebook.com/CapitolReefNPS, and/or twitter.com/CapitolReefNPS and at https://www.earthsciweek.org/.
Celebrate Earth Science Week!

Earth Science Week
This year’s Earth Science Week will be held from October 14-20, 2018 and will celebrate the theme “Earth as Inspiration.” The theme will emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.

The National Park Service has been a partner with the American Geosciences Institute and a supporter of Earth Science Week since its inception in 1998. Parks around the country offer special geologic programs during Earth Science Week.

National Fossil Day
Through the Earth Science Week partnership, National Fossil Day was created in 2010. National Fossil Day is the Focus Day on Wednesday during Earth Science Week. National Fossil Day is an annual celebration held to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations.
EARTH AS INSPIRATION IN PARKS

Geologic Tour
Enjoy a grand tour of park geology.

Geologic Wonders
Explore the geologic wonders of our National Parks.

Geologic Concepts
A geology refresher to help with understanding park landscapes and Earth systems.

NPS Geodiversity Atlas
Check out the largest collection of NPS geoscience information ever compiled.

Park Landforms
Learn about all the different landforms that exist in the National Parks.

Discover America’s Geoheritage
Learn about Geoheritage sites.

A LEGACY OF ARTISTIC EXPRESSION
NPS—Treasured Landscapes Collection

JUNIOR RANGER EDUCATIONAL PROGRAMS

Junior Paleontologist Program

Junior Cave Scientist Program
Article Series

Series: Park Paleontology News - Fall 2018

All across the park system, scientists, rangers, and interpreters are engaged in the important work of studying, protecting, and sharing our rich fossil heritage. Park Paleontology news provides a close-up look at the important work of caring for these irreplaceable resources.

- Contribute to Park Paleontology News by contacting the newsletter editor
- Learn more about Fossils & Paleontology
- Celebrate National Fossil Day with events across the nation

Chapter 1: Dinosaurs of the National Park Service

Dinosaur fossils have been discovered at or are associated with at least 27 NPS units. Geographically, their finds are concentrated in the parks of the Colorado Plateau, but they have been found from central Alaska to Big Bend National Park in Texas to Springfield Armory National Historic Site in Massachusetts. The most famous site is the Dinosaur Quarry of Dinosaur National Monument, but a rash of new finds since the 1970s has greatly expanded our knowledge. Read more

Mesa Verde National Park

Chapter 2: Fossil Shark Egg Case Discovered at Mesa Verde National Park

A surprising find in Mesa Verde National Park! G. William M. Harrison shares his story of discovering a chimaera egg case. Read more
Chapter 3: Bringing Fossils into the Digital Age: Using photogrammetry methods to better study, share and interpret NPS paleontological resources

Structure-from-motion (SfM) photogrammetry methods are an increasingly common component of paleontological research and resource management. SfM methods have become especially important in the field of ichnology and are used to document individual tracks and longer trackways and, in some examples, to recreate lost track sites from historic images. Read more

Buffalo National River

Chapter 4: Uncovering the Fossil Record of Buffalo National River

The bedrock of Buffalo National River includes outcrops of nearly twenty different formations, all from the Paleozoic Era (541 to 252 million years ago), and primarily deposited under shallow marine conditions. Read more

Glacier National Park

Chapter 5: The Stromatolites of Glacier National Park

The rugged high peaks of Glacier National Park are a beautiful sight to behold, with people traveling from all around the globe to experience this iconic place. The rocks that compose those amazing peaks and valley walls hold the secrets to a time when this land was once covered by a vast shallow sea, a billion and a half years ago. Read more

Chapter 6: National Park Service Cave Paleontology

Caves are important environments for the preservation of fossils. Within the National Park Service, a rich diversity of cave fossils have been documented in at least 55 different parks. Read more
Dig Into New Lessons for Earth Science Week

What a year it’s been so far in Earth and space science events, from earthquakes to volcanic eruptions and hurricanes. Mark Earth Science Week (October 14–20) with your students by exploring phenomena through one of these activities we’ve selected for you from NSTA Press books.

Eureka! New K-2 Lessons Combining Science and Reading

The newest NSTA Press book, Eureka, Again! K–2 Science Activities and Stories, by Donna Farland-Smith and Julie Thomas, provides fresh ways to put a human face on science and engineering through lessons that combine hands-on activities with engaging trade book biographies. Download “Fossil Fun” for an activity that will help students learn more about the history of Earth through the discovery of fossils. The lesson features the trade book The Fossil Girl: Mary Anning’s Dinosaur Discovery and guides students on creating a trace fossil while they compare fast and slow changes as processes that shape Earth. For more Earth science reading for elementary grades, check out the NSTA Kids book Spenser and the Rocks, by Larry Lowery, which follows a young boy’s fascination with different rocks and reveals the observations and questions he has while sorting and re-sorting his rock collection. Another good fall resource also by Lowery is How Does the Wind Blow?, which introduces the different intensities of the wind, from gentle breezes that make flags flutter to powerful tornadoes that can lift a house, and helps students learn how wind intensities can be measured.
Scavenger Hunt in Carson City – plan your own trip!

Scavenger Hunt for Rocks Used to Build the Stewart Indian School

Authors: Jonathan G. Price, Elisabeth M. Price, and Dennis P. Bryan
Year: 2018
Series: Educational Series 62
Format: 6 pages, color
Free Download/view/purchase: http://pubs.nbmg.unr.edu/Scavenger-hunt-for-rocks-pre62.htm

Plan your own trip! Explore a unique part of the cultural and geologic history of Carson City on this scavenger hunt at the Stewart Indian School.

The Stewart Indian School, which is located at 5500 Snyder Avenue in Carson City (south of town), was listed in the National Register of Historic Places as a Historic District in 1985. The site (approximately 110 acres) is managed by the State of Nevada.

The Stewart Indian School operated from 1890 to 1980. When Superintendent Frederic Snyder arrived in 1919, the wooden buildings were deteriorating. Under Snyder's leadership and with the guidance of Hopi and Italian stonemasons, students learned the vocation of masonry and built over 60 buildings at the school, mostly from 1922 to 1942, using multicolored rocks that were collected locally. Snyder also added landscaping with trees, flowers, and trellises. Stewart is one of few intact historical American Indian boarding-school campuses in existence in the United States.

The history behind this scavenger hunt fits perfectly with the 2018 Earth Science Week theme of “Earth as Inspiration.” The Hopi and Italian stonemasons created architectural masterpieces inspired by the beauty of the rocks quarried from local sites.

You can also visit other examples of Hopi masonry work in the Carson City area—such as the historic Wungnema House completed in 1948 and now managed by The Foundation for Carson City Parks and Recreation. This link above shows members of the Wungnema family cutting rock in nearby Brunswick Canyon which you can locate on NBMG Map 59.
NBMG Earth Science Week Field Trip 2018—Saturday, October 13—SIGN-UP NOW AVAILABLE!

Sparkling or Still? A Tour of the Geology from Soda Lakes to Stillwater Marsh, Nevada

Sign up here: http://www.nbmg.unr.edu/ScienceEducation/EarthScienceWeek/index.html

Governor Sandoval has proclaimed October 14-20, 2018 as Earth Science Week in Nevada, so we hope that you can join us on Saturday, October 13 as geoscientists from Nevada Bureau of Mines and Geology explain the geology of the Fallon area in celebration of Earth Science Week 2018 and the importance of earth sciences to the people of the state of Nevada.

Trip leaders will be Craig M. dePolo, Christopher D. Henry, James E. Faulds, Andrew V. Zuza, and Rachel E. Micander.

Major stops on this field trip will include the following:

- Salt Wells geothermal power plant
- Rainbow Mountain earthquake fault scarp
- “Nevada Wonderstone” rockhounding locality
- “Big Dig” flood mitigation project in Lahontan Valley
- Rattlesnake Hill, a “young” (<1 million year old) volcanic cinder cone and lava flow complex overlooking Fallon
- Soda Lake volcanoes (the youngest in Nevada!)

Participants will meet at the Gold Building in Reno at 8:00 AM and leave by 8:30 AM. The last stop will be Soda Lakes about 4.45 and then return to Reno.

For participants coming from Fallon or Fernley: Please meet at the Fox Peak Gas Station at 9:15 AM. 0.5 miles east of Maine Street on Highway 50, at N. Sherman St. Someone from NBMG will be at the gas station to give a short introduction and hand out guidebooks. We will depart from the Fox Peak Gas Station at 9:30 AM.

NBMG coordinates annual geology field trips for the public during, or near, Earth Science Week. These field trips are fun, educational, family-oriented, and free.
Columbus news

How to Celebrate National Fossil Day in Columbus

16-10-2018 16:00 via ColumbusUnderground.com

This Wednesday, Oct. 17, is National Fossil Day in the United States, with the National Park Service, regional and local organizations hosting fossil events all over the country. The Park Service organizes National Fossil Day every year, “to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their [...]
HASLAM PROCLAIMS OCT. 14-20 EARTH SCIENCE WEEK IN TENNESSEE

Ron Zarawski  Shari Meghrebian  Bill Haslam
National Park Service  NASA  Tennessee Department of Environment and Conservation  Earth Sciences  Earth Science Week
American Geosciences Institute  TDEC  Google  Facebook follow on Facebook
Our Opinion: Be inspired by our earth

October 18th, 2018 | in Opinion | Read Time: 1 min.

If you're not inspired by our planet, you might need to get off your couch and look around.

Here in Jefferson City, we have many opportunities for inspiration: the Missouri River, the Katy Trail, Runge Nature Center, our city's greenway and Binder Lake, to name a few.

This week's 21st annual Earth Science Week is aimed at giving people a better understanding and appreciation for the earth sciences. The theme is “Earth as Inspiration.”

The Missouri Department of Natural Resources said this year's celebration emphasizes artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.

Earth Science Week activities will strive to engage young people and others in exploring the relationship between the arts and the Earth systems by promoting public understanding and stewardship of the planet, especially in terms of the ways art relates to geoscience principles and issues as diverse as energy, climate change, the environment, natural disasters, technology, industry, agriculture, recreation and the economy.

Students are encouraged to enter Earth Science Week contests by 4 p.m. Friday. Categories include photography, visual arts and essay. Learn more at earthsciweek.org/contests/.

There's a theme and/or events for different days the rest of the week:

• Today: The Great Central U.S. ShakeOut and Geoscience for Everyone Day

• Friday: Geologic Map Day

• Saturday: International Archaeology Day.

Also Saturday and Sunday, the Ozark Mountain Gem & Mineral Society's 51st annual Rock, Gem and Mineral Show will be held in Springfield.

Here in Central Missouri, you can enjoy a self-guided tour of the department's Ed Clark Museum of Missouri Geology, 111 Fairgrounds Road in Rolla. It is open weekdays from 8 a.m.-5 p.m.

This week, take a little time to educate yourself (and your children) on the Earth sciences. Ideally, that lesson will take place outdoors.
CELEBRATING THE EARTH

By Admin User | October 19, 2018 | 0

CELEBRATING THE EARTH — Resident scientist Russell Orr spends hours each week instructing students and visitors at Discovery Park of America about all aspects of science. He will be involved in some of the classes and experiments being offered at the park Tuesday through Saturday for Earth Science Week 2018.
Exploring 100 million years of Sandown Bay wildlife, from ammonites to cuttlefish

The Bay science team from Arc, Arctology, The Common Space, Dinosaur Isle and The National Poo Museum will all be at the free event on Sunday 14th October.

On Sunday 14th October (10am till 4pm) become a Bayologist and celebrate National Biology Week and Earth Science Week right here in Discovery Bay with a day stuffed full of life science activities for all ages.

Try out our powerful microscopes, sieve for life in the soil, fire up the mighty bug hoover, dip for pondlife and fill up our wildlife aquarium, and marvel at the mole-in-a-pal.

The Bay science team from Arc, Arctology, The Common Space, Dinosaur Isle and The National Poo Museum will all be here, and it’s free for all the family!

So come and see us in the Education Room, Dinosaur Isle, Culver Parade, Sandown PO36 8QA.

What is Discovery Bay?
Discovery Bay is all about revealing the extraordinary world and lifelong inspiration to be found in the natural resource of Sandown Bay... there’s 100 million years of wildlife along that 5 mile curve!

With the help of ecologists, scientists, artists, biologists and just plain enthusiasts, the Bay Coastal Community team have been running a full Discovery Bay calendar... from British Science Week in February, a Spring filled with Beach, Bugs & Bones, the spectacular Hullabaloo, and now we’re all gearing up for a Bay celebration of national Biology Week and Earth Sciences Week!

Location map
View the location of this story.
Take Note: 14 Annual STEAM Events for Kids, Parents, and Teachers

There’s always something around the corner for parents and teachers who want to engage their kids in STEAM learning!

Throughout the year, learning institutions celebrate various holidays with events, competitions, and celebrations, but these aren’t your normal holidays. From Pi Day to National Robotics Week, check out these 14 holidays that you can use to foster a love of math, science, and nature in the next generation.

STEAM Holidays for Parents and Teachers
World Space Week

The United Nations declared October 4-10 World Space Week in 1999 to celebrate humankind’s accomplishments in space exploration. Since that first year, World Space Week has grown to exceed 2,700 events globally across 86 nations. Families can visit science museums and local planetariums to show their support for space programs and discover the benefits of exploring the great beyond.

Earth Science Week

Hosted by the American Geosciences Institute, Earth Science Week runs from October 8-14. Teachers can sort through classroom activities based on grade level and subject, while parents and kids can enter video, photography, and essay contests. The theme in 2017 was “Earth and Human Activity,” reflecting on how people impact the natural world around them.

The World Science Festival

The World Science Festival has drawn more than 2.5 million participants since its start in 2008. This week-long festival hosted in New York City in June combines science with artistic performances to encourage curiosity about STEM and creativity in the field. Many of the events are shared or live-streamed, making them great resources for parents and teachers.
Celebrate National Fossil Day at Wupatki National Monument

Oct 15, 2018 0 1 min to read

Wupatki National Monument invites the public to celebrate National Fossil Day on Wednesday, Oct. 17.

10:00am – 11:00am - Join us for a ranger guided walk on the Lomaki Pueblo Trail. Subjects will include the geologic formations of the monument and in-situ examples of Permian aged fossils.

Visitors will meet the ranger at the beginning of the Lomaki Pueblo trail at 10:00am. There is no additional cost for the guided program. Regular entrance fees apply. Make sure to check out all the events happening around the country on National Fossil Day.

Wupatki NM is 26 miles north of Flagstaff via I-40 and can be reached at (928)679-2365 and on the web at www.nps.gov/wupa. Wupatki National Monument is open from 9 am to 5 pm.

New research shows that climate shifts caused population crashes and spikes in the Southwest — including sites like Wupatki near Flagstaff.

Peter Alejandre/Roundup
How Penn State Brandywine celebrated Earth Science Week

Haleigh Swansen
October 26, 2018

MEDIA, Pa. — Last week, the Penn State Brandywine community worked together to celebrate Earth Science Week, a yearly event promoted by the American Geosciences Institute. Students, faculty and staff learned about the natural world by hosting Earth science-themed activities for the campus and its neighbors.

Matt Bodek, coordinator of instructional design and instructional services, played a key role in organizing the competition. According to Bodek, the event was a chance to integrate Earth science into the campus community while presenting technology as an extension of art and education.

"Activities such as the Earth Science Week photo contest provide an opportunity for students to learn about the world while using technological tools in a fun, engaging way," he said.

Bill Tyson, wjt10@psu.edu
Work Phone: 610-892-1254
PennState Brandywine

How Penn State Brandywine celebrated Earth Science Week
Haleigh Swansen
October 26, 2018

MEDIA, Pa. — Last week, the Penn State Brandywine community worked together to celebrate Earth Science Week, a yearly event promoted by the American Geosciences Institute. Students, faculty and staff learned about the natural world by hosting Earth science-themed activities for the campus and its neighbors.

The Mathematics Club, led by Associate Teaching Professor of Mathematics Samantha Pezzimenti, used a “crocheting coral” event to combine marine science with a fun practical skill. Students crocheted a model coral reef while exploring the mathematical similarities between their projects and the natural world.

As part of Earth Science Week, the Mathematics Club crocheted a model coral reef while exploring the mathematical similarities between their projects and the natural world.

Image: Michael McDade
11 Nerdy (and Spooky) Things to Do This October in Metro Phoenix

LAUREN CUSIMANO  |  OCTOBER 2, 2018  |  7:00AM

October is the time of the nerd, which probably has a lot to do with spooky activities and it finally, almost being graphic hoodie season. And in Phoenix, October means musicals about power-tripping inventors, a famous magician duo, and of course, the annual Halloween tradition that is PoeFest.

In addition to preparing your Tom Bombadil costume this month, get ready to catch an improv show from a Silicon Valley star, sit through an animated film festival, and celebrate International Archaeology Day with these 11 geeky activities happening in the Valley throughout October.
International Archaeology Day 2018

Fittingly enough, the Valley’s only preserved archaeological site is hosting an International Archaeology Day full of archaeology activities and crafts. Pueblo Grande Museum offers a preservation demonstration by City Archaeologist Laurene Montero, a free lecture by Dr. Glen Rice titled “Altruism in Food Sharing Among the 19th Century O’odham,” an artifact show and tell, and the Yellowman Frybread Food Truck. IAD at PGM is 9 a.m. to 4 p.m. on Saturday, October 20. They’re also offering two-for-one museum admission tickets for the day.
October 17th is National Fossil Day and the Meijer Branch is celebrating with... See More
Earth Science Week toolkits available

The Wyoming State Geological Survey is once again offering complimentary toolkits to junior high science classrooms across Wyoming in celebration of Earth Science Week Oct. 14-20, a news release from WSGS reports.
International Archaeology Day — Excavation At MB School

OCT 19, 2018  BY BETH COMERY  IN HISTORY

(10.20) Dig this: Celebrate International Archaeology Day Saturday when the Brown University Joukowsky Institute for Archaeology and the Ancient World (JIAAW) conducts an excavation on the property of the Moses Brown School. Then check out the exhibit — and speak with real live archaeologists — at Rhode Island Hall on the Brown campus.

"The Archaeology of College Hill" is an undergraduate course taught every fall at Brown in which students learn basic excavation and laboratory techniques. They have been working on the Moses Brown site since 2015.

The site at Moses Brown — formerly known as the Sack Property — is near the sidewalk on Hope Street at the intersection of Lloyd Avenue. Students started working here earlier this month and have posted pictures at their Facebook page. No need to watch the goings-on from outside the wrought iron fence: the public is invited onto the Moses Brown School grounds between 11am to 3pm to get a good look and maybe ask some questions. (Entrance at 250 Lloyd Avenue — should be plenty of parking on Lloyd Avenue). Go on, get your hands dirty.
Reaching the Masses: MuseumSelfieDay, National Fossil Day 2018, and Social Media

Today is MuseumSelfieDay, a hashtag event on Twitter that encourages people to visit their local museums, be it art, history, or natural history, and take selfies with their favorite exhibits, displays, and finds to share with the world. It’s a fantastic use of social media to bring awareness to museums and to encourage visitors to learn something new and share it with others. It’s also a simple way for scientists at natural history museums to share their work and research by taking behind-the-scenes museum selfies that show their daily life, their work and research, and what it takes to maintain those very things that museums protect. I encourage you to check out the feed on Twitter here, in its several iterations: MuseumSelfieDay, MuseumSelfieDay2018, or simply MuseumSelfie. And if you are a scientist reading this blog today, share your own MuseumSelfie! Let others see you in action, or just share an exhibit you love!

All of this brings me to my main point, how can museums engage the public and get them interested in science? Well, paleontology is truly a blessed field in this regard, as dinosaurs and other fossils are (in my humble opinion), the coolest, awesomest things around. Truly, paleontologists don’t have to work too hard to convey their excitement about fossils because, well, fossils are just pretty damn awesome by themselves.
But the topic isn’t the problem, reaching those that need exposure to science is the problem. Not all children can just hop on over to their local museum because not every city has a museum of its own. And so I’m encouraging institutions, paleontologists, amateur fossil hunters and enthusiasts, volunteers, students, pretty much anyone who wants to share science with the next generation of budding scientists and paleontologists to participate in this year’s National Fossil Day™.

National Fossil Day is an organized event in the United States by the National Park Service to celebrate and bring awareness to our nation’s fossil heritage and resources. With recent cuts to Grand-Staircase Escalante National Monument and Bears Ears National Monument, it is more apparent than ever that we need to highlight the scientific and educational value of paleontology, and preserve fossils for future generations. It is celebrated by most institutions/organizations in the form of an event that allow scientists and volunteers to engage the public through guided tours, hands-on activities, lectures, or simply seeing some fossils up close.

National Fossil Day is months away (October 17, 2018), but now is the time to start thinking about how you and your institution/school/museum/library/organization can get involved. Now is a perfect time to begin recruiting vendors, volunteers, event planners, and anyone else you need so that, by the time October rolls around, you have already promoted your Fossil Day event, have people registered to attend, and have everything planned out for success. Thankfully, the NPS website has everything you need to get started! They also have a detailed list of what you need to do to host a Fossil Day event.

The logo for this year’s National Fossil Day has been revealed, and it highlights organisms from the Late Cretaceous Javelina Formation that were found and collected in Big Bend National Park in southwestern Texas. In the foreground is the formidable Quetzalcoatlus northropi, one of the last and largest pterosaurs ever, with a wingspan of roughly 33–36 feet. The logo also features the “poster child” of vertebrate paleontology, Tyrannosaurus. Fossils of tyrannosaurs were first discovered in Big Bend National Park in 1970.

Plant fossils from the Javelina Formation are also highlighted in this year’s NFD logo. The early broadleaf tree Javelnoxyylon is visible in the background, and are known from the Javelina Formation in the form of petrified wood. More than 300 types of fossil plants are found in the Javelina Formation.

For more information on the National Fossil Day logo and the fossils of the Javelina Formation and Big Bend National Park, visit the National Fossil Day website here.

So, get out there to your local museum, national park, library, wherever it is you can go to learn and be inspired, take a selfie, and share it with others. Let’s celebrate and share science, especially at a time when we need it more than anything else. And consider ways that you can get involved with this year’s National Fossil Day. Please visit their website below for more information.

National Fossil Day Website

Happy Museum Selfie Day! I look forward to all of your museumtastic pictures out there today!

Posted April 4, 2018 by Sarah Olson in Art, National Fossil Day

National Fossil Day is still a few months away (October 17, 2018), but as I have mentioned before, now is the time for you and/or your museum or institution to start making plans to participate in celebrating fossil resources and heritage.

For the paleoartists out there (of any age and any skill, U.S. Citizens), you can get involved, too! The National Park Service is sponsoring an art contest as part of the National Fossil Day festivities, with the theme this year being “The Age of Reptiles—More Than Just Dinosaurs.” This gives you the opportunity to showcase the amazing diversity of reptilian organisms of the Mesozoic — any reptile that is NOT a dinosaur (including birds). As is often the case, amazing reptilian blooms can often get overlooked in favor of more recognizable dinosaurs, or a more likely to be mistaken for being a dinosaur! As the mascot on this year’s NFD logo is the non-dinosaurian reptile Quetzalcoatlus, this is a fitting theme.

...
Full details regarding the NFD Art Contest can be found here, where you can download an entry form and obtain information about where to send your artwork, who can enter, deadlines for entry, and all other pertinent information.

I went through the past few years contest winners for the NFD art contest, and I was impressed! And I encourage any artist and aspiring artist to give it a go! Categories are based on age: 5–8 years old, 9–13 years old, 14–18 years old, and 18 and over. Artwork contest winners will be selected by a panel of judges, and winners will be highlighted on the National Park Service National Fossil Day website.

I’ve chosen my personal favorites from the past 5 years to highlight below. Enjoy these and use them as inspiration to draw your own reptile! Deadline is October 5!

From the 2017 contest, 5–8 years old category: Where can I get a shirt that says ‘Fossil are Fun?’ Third Prize (tie), Patrick T. C. (Age 8), Santa Monica, CA. Public Domain.

From the 2014 contest, 9–13 years old category, Second Prize: Jacqueline H. (Age 12), Orlando, FL. Public Domain.
National Fossil Day 2018: Events, Part 1

It's that time of year again, and PLOS Paleontology Community is happy to highlight upcoming events associated with National Fossil Day (October 17, 2018). Many of these events are hosted by U.S. museums, institutions, and schools in order to highlight and celebrate fossils and fossil resources in the United States. Below is a list of several of the events that we know about so far, and will continue to announce events as we hear about them. The events are arranged by location, and not all of these events are happening on October 17, so be sure to check the date and institution's individual websites for hours, admission, and location. Info for the events below will be updated as necessary. Find a local event near you and celebrate the United States' fossil heritage with fun activities and volunteer opportunities!

If you are hosting your own National Fossil Day event please send the following information to

John-Paul Hochell with the message heading "RE: 2018 National Fossil Day Event"

1. event title
2. name of sponsoring organization
3. event description
4. date(s)
5. time
6. location
7. contact information
8. website

Organizations are encouraged to hold events to celebrate National Fossil Day on the scheduled NFD date, the weekend before or after, or another date that works for them.
Arizona

- Petrified Forest National Park, October 10, 2018
  - Come out to Petrified Forest National Park to celebrate National Fossil Day in our unique Triassic style! Activities include watching fossil preparation, touring museum collections, creating your own plaster fossil cast, and chatting about all things fossils with our staff paleontologists.
  - Demo Lab at Painted Desert Visitor Center
    - Fossil preparation demonstration lab: 9:00 am-1:00 pm
    - Create-a-fossil plaster casting: 9:00 am-3:00 pm
  - Painted Desert Visitor Center
    - Lab and collections tours: 11:00 am & 2:00 pm
  - Rainbow Forest Museum
    - Meet a paleontologist: 1:00 pm-3:00 pm
  - Contact: Adam Marsh, lead paleontologist.

Colorado

- Dinosaur Ridge Visitor Center, October 13, 2018
  - Girl Scout/National Fossil Day
  - Friends of Dinosaur Ridge
  - Come celebrate National Fossil Day with Dinosaur Ridge! Girl Scouts can register to earn requirements for badges of all levels.
  - 9:00 am-3:00 pm
  - Dinosaur Ridge Visitor Center: 15831 W Alameda Parkway, Morrison, CO 80465
  - Contact: Erin LeCount

Michigan

- Michigan State University, October 14, 2018
  - In partnership with Michigan Earth Science Teachers Association (MESTA), brought to you by Michigan State University Federal Credit Union (MSUFCU), the MSU Museum celebrates National Fossil Day on Sunday, October 14, 2018, 1:00-4:00 pm, an afternoon of fossil fun!
    - Michigan fossil dig & sift
    - Junior Paleontologist hunt
    - Fossil molds to make and take
    - Face painting
    - “Ask the Expert”: a paleontologist will be on hand to answer your fossil questions and to identify specimens
    - Fossil puzzle station
    - Fossil ID competition with prizes
    - Special opportunity: A “fossils only” version of MESTA’s famous Rock Shop will be set up for educators to acquire invertebrate fossils for study in the classroom or at home.
  - MSU Museum, 409 West Circle Drive, East Lansing, MI 48824
  - Contact: Nick VanAcker, 517-432-1472

New Jersey

- Rutgers University Geology Museum, October 3, 2018
  - Fossils and Dinosaurs Late Night
    - Take a step back in time to discover the different types of dinosaurs and other creatures that inhabited Earth during the Paleozoic, Mesozoic and Cenozoic Eras! Demonstrations, arts and crafts and educational activities will be set up around the museum and people are welcome to come and go as they please. The event is free and open to visitors of all ages.
    - 4:00-8:00 pm
  - Rutgers University Geology Museum, Geology Hall, 2nd Floor, 85 Somerset St, New Brunswick, NJ 08901
  - Contact: geologymuseum@sas.rutgers.edu
New Mexico

- **New Mexico Museum of Natural History and Science**
  - National Fossil Day Celebration
  - More details to follow

- **Las Cruces Museum of Nature and Science, October 13th, 2018**
  - Fossil Day at the Las Cruces Museum of Nature and Science
  - The Bureau of Land Management Las Cruces District and Prehistoric Trackways National Monument (PTNM) are partnering with the Las Cruces Museum of Nature and Science (MoNaS) and the New Mexico State University Department of Biology to celebrate National Fossil Day 2018. The MoNaS will be open to the public on Main Street during the popular downtown Farmer’s Market. Docents will be available to provide tours of the exhibits, which include BLM fossil specimens from Prehistoric Trackways National Monument and live reptiles from the surrounding Chihuahuan Desert. Dr. Peter Houde, NMSU Biology Department, will also bring and discuss fossil specimens of more recent Plio-Pleistocene mammals found in the District. The BLM and MoNaS will set up touch stations for the public to examine both fossil casts and real ichnofossil trackway slabs, as well as a fossil craft station for the kids, and a Geology and Paleontology BLM Junior Ranger activity station.
  - 9:00 am–12:00 pm
  - Museum of Nature and Science, 411 North Main Street, Las Cruces, New Mexico 88001
  - Contact: Stephanie Hawkins, Education Curator/Quality of Life/Las Cruces Museum System, Direct: 575-532-3372 Main: 575-522-3120
    - Colin Dunn, Bureau of Land Management, Monument Paleontologist/Geologist, 575-525-4454
    - [https://www.facebook.com/BLMLasCruces/](https://www.facebook.com/BLMLasCruces/)

New York

- **Museum of the Earth, Paleontological Research Institution, October 13, 2018**
  - FOSSIL MANIA
    - This event is a fun and educational event with hands-on activities to help you explore and discover fossils in many ways. We have lots of cool late Cretaceous fossils to explore. From the life-sized Quetzalcoatl that flew the skies to the strange heteromorph who lived in the oceans. Museum of the Earth has something for all to learn and experience.
    - 10:00 am–1:00 pm
    - Museum of the Earth - Ithaca, NY 14850
    - Contact: 607-273-0623 x33

North Dakota

- **Grand Forks Public Library and the Dakota Science Center, October 14th, 2018**
  - STEM @ the Library: Earth Systems
  - Geology and Earth Science STEM activities for families
  - Grand Forks Public Library
  - Contact: Dr. Laura Munski

Ohio

- **Cleveland Museum of Natural History, October 13, 2018**
  - National Earth Science and International Archaeology Day!
  - Dig into archaeology, geology, mineralogy and more from 10am to 4pm Saturday, October 13. This event is included with general admission. Members get in free! Non-members: Free with general admission.
  - Talk with Museum curators, volunteers and staff from the departments of:
    - Archaeology
    - Invertebrate Paleontology
    - Mineralogy
    - Paleobotany & Paleoecology
    - Physical Anthropology
    - Vertebrate Paleontology
• Ohio Statehouse, October 17, 2018
  - National Fossil Day—Ohio Statehouse Fossil Tour
  - Join us for National Fossil Day, held during Earth Science Week, and enjoy a Statehouse Fossil Tour—a geology tour of the Statehouse with special guest Dale M. Gridovnic, Curator of the OSU Orton Geological Museum. Experts will discuss the “Building Stones of the Capitol.”
  - To reserve a spot, call 614-728-2130 or lstodko@ohiostatehouse.org.
  - 12:00 PM–1:00 PM

Tennessee

• McClung Museum of Natural History and Culture, October 14, 2018
  - Can you Dig it?
  - Archaeologists and paleontologists and their graduate students from the University of Tennessee will present on displays about their projects across the world, and talk with public about their work. Visitors can also bring artifacts, rocks, and fossils for identification. A number of activities for children, including games and take home crafts related to archaeology, will be available. All activities are free and open to the public.
  - 1:30–5:00 pm
  - McClung Museum of Natural History and Culture, 1327 Circle Park Drive Knoxville, TN 37996
  - Contact: Leslie Chang Janiz, Curator of Education

Texas

• Waco Mammoth National Monument, October 13, 2018
  - Fall Fossil Festival, City of Waco
  - Family friendly event full of fossils, food, fuzzy friends, and fun. Tour our dig site. Have fun with arts and crafts, face painting, and games. Paint a pumpkin. Enjoy this relaxed fall-themed festival with our friendly park rangers.
  - 9:00 am–5:00 pm
  - Waco Mammoth National Monument, 8220 Steinbeck Bend Dr, Waco TX 76708
  - Contact: Raegan King, 254-750-7940

Utah

• Garth and Jerri Frehner Museum of Natural History, Southern Utah University, October 17, 2018
  - Amazing Fossil Discoveries on Your Public Lands
  - Did you know that Utah is home to a Jurassic Dinosaur Death Pit? Or that the dinosaur centerpiece of the Smithsonian Museum in Washington DC is a 90-foot-long Diplodocus longus from Utah? The Garth and Jerri Frehner Museum of Natural History will be hosting a day long event celebrating the amazing fossils found on public lands all over the United States and how they have contributed to human understanding of life on Earth. Exhibits will be open from 9am until 5pm with a special kids fossil activity at 3 pm and an evening lecture by local scientists from 6:30–8:30 pm to discuss ancient DNA, paleontology in Utah, and the status of fossils on Utah’s public lands.
  - Garth and Jerri Frehner Museum of Natural History, Southern Utah University, on the corner of S 300 W and E 200 S, Cedar City, Utah.
  - Contact: Dr. Jacqueline Grant, 435-865-8549

Washington

• Burke Museum of Natural History and Culture, October 13, 2018
  - Celebrate National Fossil Day™ and see live fossil preparation at the Burke! The doors will be open to our Testing, Testing 1-2-3: Work in Progress fossil prep lab so you can get up close to examine the incredible progress our paleontologists are making on the ‘Tufts-Love’ T. rex skull and other fossils
  - 1:30–5:00 pm
  - Burke Museum of Natural History and Culture, 1413 NE 45th St, Seattle, WA 98105
  - Contact: theburke@uw.edu | 206.685.3962
Fossil Friday Roundup: August 24, 2018


Papers (All Open Access):

- What affects power to estimate assemblage rate shifts? (PeerJ)
- Young species of cupuladrid bryozoans occupied new Caribbean habitats faster than old species (Scientific Reports)
- A new genus of fungus weevils (Coleoptera: Anthribidae) in Rovno amber (Fossil Record)
- Description of a Cretaceous amber fossil putatively of the tribe Coprophilini (Coleoptera, Staphylinidae, Oxylinae) (Zootaxa)
- Diverse Cretaceous larvae reveal the evolutionary and behavioural history of angiosperms and lacemites (Nature Communications)
- The vertebrate middle and inner ear: A short overview (Journal of Morphology)
- First fossil record of Athrinella sp. (Pisces, Teleostei, Athrinopidae) from the Lower Pliocene of Costa Rica, Central America (Revisión Geológica de América Central)
- Where does diversity come from? Linking geographical patterns of morphological, genetic, and environmental variation in wall lizards (BMC Evolutionary Biology)
- Parahelicops, Parahalictops, parathyridyphate: phylogenetic relationships among certain Southeast Asian naticine snails (Helbii), (American Museum novitates)
- Paleoneuranatomy of the aetosaur Neoaetosauria engaeus (Archosauromorpha: Pseudosuchia) and its paleobiological implications among archosauromorphs (PeerJ)
- Osteology of the first skull of Aatosauroides scagliai Casamiquela 1983 (Archosauromorpha: Aetosauria) from the Upper Triassic of southern Brazil (Hypercocanodont Assemblage Zone) and its phylogenetic importance (PLOS ONE)
- A new nodosaurid ankylosaur (Dinosauria: Thyreophora) from the Upper Cretaceous Meneffe Formation of New Mexico (PeerJ)
- The distinctive theropod assemblage of the Ellisdale site of New Jersey and its implications for North American dinosaur ecology and evolution during the Cretaceous (Journal of Paleontology)
National Fossil Day 2018: Events UPDATED

Posted August 30, 2018 by Sarah Gibson in National Fossil Day

UPDATED 8/30/18: I will continue to add and build to this list as we hear about new events celebrating National Fossil Day. Check back frequently to see all of the events occurring in your area!

PLOS Paleontology Community is happy to highlight upcoming events associated with National Fossil Day (October 17, 2018). Many of these events are hosted by U.S. museums, institutions, and schools in order to highlight and celebrate fossils and fossil resources in the United States.

Below is a list of several of the events that we know about so far, and will continue to announce events list as we hear about them. The events are arranged by location, and not all of these events are happening on October 17, so be sure to check the date and institution’s individual websites for hours, admission, and location.

If you are hosting your own National Fossil Day event please send the following information to John-Paul Hodnett with the message heading “RE: 2018 National Fossil Day Entry”
Fossil Friday Roundup: September 14, 2018

Featured Image: Reconstruction in sketch of Yizhousaurus in left lateral view (drawn by Xiao-Cong Suo), regions in red tin represent absent elements. From Zhang et al. (2018), CC-BY.

Papers (All Open Access):

- Stratigraphic signatures of mass extinctions: ecological and sedimentary determinants (Proc B)
- Anatomy of the Ediacaran ranecmorph Charnia masoni (Papers in Palaeontology)
- The middle Miocene palynofloras of the Galitpaspal sagignite mine (Yataşan Basin, south-west Anatolia): environmental characterisation and comparison with palynofloras from adjacent basins (Palaeobiodiversity and Palaeoenvironments)
- Early Cretaceous angiosperm leaves from the Dakota Formation, Horsington III locality, Kansas, USA (PalaeoE)
- The first report of Cryptocapsulina from the Neogene (Early Miocene) of Eurasia (Eastern Mediterranean: Lesbos and Lemnos Islands, Greece) (Fossil Imprint)
- A reappraisal of the genus Temphyrnadia Logan, 1984 (Rhyhconellida, Brachiopoda): a conflict between phylogenies obtained from morphological characters and molecular data (Zootaxa)
- Taxonomy and Palaeoecology of Continental Gastropoda (Mollusca) from the Late Pliocene Mammoth-Bearing Site of Bullendorf from NE Austria (RIPS)
- Quantitative analysis of suture lines in Carboniferous ammonoids (Fossil Record)
- Halloween genes in panarthropods and the evolution of the early moulting pathway in Ecdysozoa (RSOS)
Community Events, Society Updates, and Resources:

Meetings:

- 78th Annual Meeting, Society of Vertebrate Paleontology (SVP), October 17–20, 2018, Albuquerque, New Mexico [Link]
- 1st Palaeontological Virtual Congress, December 1–15, 2018 [Link]

Events:

- National Fossil Day 2018; Events UPDATED 8/30/18 [PLOS Paleontology Community]

News and Views:

Animals and Anatomy:

- Yizhousaurus sunae [Equatorial Minnesota]
- How Sea Dragons Carved Up the Prehistoric Oceans [Laelaps]
- Second hump-nosed spike-thumbed dinosaur discovered in Mongolia [Earth Archives]
- The proximal caudals of Brachiosaurus altithorax, FMNH P25107 [SVPOW]
- Fossil Whale Bones Record Prehistoric Shark Bites [Laelaps]
- Episode 43 – The Great American Biotic Interchange (GABI) [Common Desoent]
- The Pig Family: Peccaries Are Not Pigs [Synapsida]
- Fossil Friday – camel tooth [Valley of the Mastodon]

Methods and Musings:

- Imposter syndrome revisited [SVPOW]

Museums, Folks and Fieldwork:

- Cam Muselley, Citizen Scientist and Paleontology/Geology Educator [Time Scavengers]

Arts, Books, Culture, Fun:

- Book review — The Tectonic Plates are Moving! [The Inquisitive Biologist]

Do you have some news, a blog, or something just plain cool you want to share with the PLOS Paleo Community? Email it to us at paleocommunity@plos.org, tweet it to us at @PLOSPaleo, or message us on Facebook.
Fossil Friday Roundup: September 21, 2018

Featured Image: Molfetta dinosaur tracks, photogrammetry derived 3D models and interpretations; 1-2: DEM and contour line map of a theropod footprint (contour lines have an interval of 0.2 cm). From Petri et al. (2018). CC-BY.

Papers (All Open Access):
- Quantifying the dark data in museum fossil collections as palaeontology undergoes a second digital revolution (Biology Letters)
- Vegetation response to exceptional global warmth during Oceanic Anoxic Event 2 (Nature Communications)
- Spirema zaporrima weizleri (Heeri) Chandler (Zingiberales) from the Miocene of Weichang, Hebei Province, North China and the phytogeographic history of the genus (Journal of Paleogeography)
- Subfossil trees suggest enhanced Mediterranean hydroclimate variability at the onset of the Younger Dryas (Scientific Reports)
- Potential carbon storage in biochar made from logging residue: Basic principles and Southern Oregon case studies (PLOS ONE)
- Paleoparasitology in Russia, history and prospects (PalaeoE)
- Evolution of metazoan morphological disparity (PNAS)
- New suspension-feeding larvocid suggests evolution of microplanktivory in Cambrian macroinvertebrates (Natura Communications)
- The psychomyiid genus Palensertisynus (Insecta, Trichoptera) in mid-Cretaceous Burmese amber (Palaeodiversity)
- Systematics of the genus Aphrophia Edwards with description of fifteen new species (Diptera: Tipulomorpha: Limoniidae) (Zootaxa)
- Diversity of the Crinocheta (Crustacea, Isopoda, Onisidae) from Early Miocene Chapas amber, Mexico (Revista Mexicana de Ciencias Geológicas)
- Rediscovery of three syringosyphonid brachiopod species from the lower Carboniferous of the South Kitakami Belt, Japan (Sci. Rep., Niigata Univ. (Geology))
- Mid-Cretaceous (Wordian) brachiopod fauna from Matsukawa, South Kitakami Belt, Japan, Part 2 (Sci. Rep., Niigata Univ. (Geology))
The origin of the Pyconodonta asae and relationship between gryphaeas and true pyconodontes (APP)

Drilling predation traces on recent limpets from northern Patagonia, Argentina (PalaeoE)

Bryozoa genera Fenestrulina and Microporella no longer conifamilial; multi-gene phylogeny supports separation (Zoological Journal of the Linnean Society)

The first report of terrestrial Pataxovetes from the Lower Cretaceous Yixian Formation, western Liaoning, China (Journal of Palaeogeography)

New polybranchiopodfishes (Agnatha: Galeaspida) from the Middle Palaeozoic of China and their ecomorphological implications (PLOS ONE)

An examination of the Devonian fishes of Michigan (PeerJ)

Natural history and molecular evolution of demersal Mediterranean sharks and skates inferred by comparative phylogeographic and demographic analyses (PeerJ)

Evolution in chronic cold: varied loss of cellular response to heat in Antarctic notothenioid fish (BMC Evolutionary Biology)

Effect of climate change on distribution of species of common horned frogs in South America (PLOS ONE)

A phylogenetic taxonomy of the Cytodactylus peguensis group (Reptilia: Squamata: Gekkonidae) with descriptions of two new species from Myanmar (PeerJ)

Carpharodontosaurusian remains (Dinosauria, Theropoda) from the Upper Jurassic of Portugal (Journal of Paleontology)

Juvenile spinosaurus (Theropoda: Spinosauridae) from the middle Cretaceous of Morocco and implications for spinosaur ecology (Cretaceous Research)

First endocranial description of a South American hadrosaurid: The neuroanatomy of Secernosaurus koenem from the Late Cretaceous of Argentina (APP)

The use of aerial and close-range photogrammetry in the study of dinosaur tracksites: Lower Cretaceous (upper Aptian/lower Albian) Molfetta lighthouse (Apulia, southern Italy) (PalaeoE)

A new Eocene anagalid (Mammalia: Euarchontoglires) from Mongolia and its implications for the group’s phylogeny and dispersal (Scientific Reports)

Short-tailed mice with a long fossil record: the genus Leggadina (Rodentia: Muridae) from the Quaternary of Queensland, Australia (PeerJ)

Testing hypotheses for the function of the carnivore bacular using finite-element analysis (ProcB)

Karnatukul (Serpent’s Glen): A new chronology for the oldest site in Australia’s Western Desert (PLOS ONE)

Maternal genetic features of the Iron Age Tagar population from Southern Siberia (1st millennium BC) (PLOS ONE)

Spatial scale changes the relationship between beta diversity, species richness and latitude (RSOS)

Is biodiversity aging? Heuristic questions on the taxonomic diversity in the Phanerozoic (Biodiversity Journal)

PrePrints and PostPrints:

A re-interpretation of the ambulacral system of Eumorphoxxystis (Blastoza: Echinodermata) and its bearing on the evolution of early crinoids (PaleoXiv)

A new Lower Cretaceous ichthyosaur from Russia reveals skull shape conservatism within Ophthalmosaurusineae (PaleoXiv)

Hypothesis: Avian flight originated in arboreal archosaurs gliding on membranous wings (PeerJ)

Bayesian tip dating reveals heterogeneous morphological clocks in Mesozoic birds (bioRXiv)

Detecting archaean introgression using an admixed outgroup (PLOS ONE)
Community Events, Society Updates, and Resources:

Meetings:

- 78th Annual Meeting, Society of Vertebrate Paleontology (SVP), October 17-20, 2018, Albuquerque, New Mexico (Link)
- 2018 Geological Society of America Annual Meeting, November 4-7, 2018, Indianapolis, Indiana (Link)
- 1st Palaeontological Virtual Congress, December 1-15, 2018 (Link)
  - The 1st Palaeontological Virtual Congress: new abstract deadline, and registration payment methods (SVPOW)
- North American Paleontological Convention June 23–27 2019 (Link)

Events:

- National Fossil Day 2018: Events UPDATED 9/21/18 (PLOS Paleontology Community)

News and Views:

Animals and Anatomy:

- Researchers find Holy Grail of palaeontology – 558 million-year-old fat reveals earliest known animal (Link)
- The tyrannosaurus from the Southern Hemisphere (Letters from Gondwana)
- Why did dinosaurs get so big? (Discover Wildlife)
- A mystery dinosaur in the nation’s basement (Washington Post)
- Following in the Steps of a Peculiar Pratomammal (Laelaps)
- What makes a mammal a mammal? Our spine, say scientists (NSF)
- Tiny fossils reveal how shrinking was essential for successful evolution (Link)
- Modified Munches of Many Mouse-eared Myotises (Synapsida)
- Specimen of the week 359: The Infant Elephant Molar (UCL Blogs)

Methods and Musings:

- 3D Printing a Daspletosaurus Skull for Display (Inside the Royal Tyrrell Museum)
- Types of Fossilization: How Fossils Form (Inside the Royal Tyrrell Museum)
- Palaeocast is up for a People’s Choice Award in Canada! (Palaeocast)
- Flicking Foraminifera for Stable Isotope Analyses (Time Scavengers)
- Fates of collections (Equatorial Minnesota)
- The Attherholt and Wadel (2018) SVP/CA abstract and talk are now available on PeerJ Preprints (SVPOW)

Museums, Folks and Fieldwork:

- The Bay of Fundy, Part 2 (Time Scavengers)
- Episode 94: Joggins Fossil Cliffs (Palaeocast)

Arts, Books, Culture, Fun:

- Book review – The Paleontologist’s Handbook: Recreating Prehistoric Animals in Art (The Inquisitive Biologist)
- Plus ça change Tomistoma edition (SVPOW)
- Special Presentation: Animating Dinosaurs for Hollywood Movies (Inside the Royal Tyrrell Museum)
- Dinosaurs: A Journey to the Lost Kingdom Book Review (LTC)
- The Dinosaur Artist: Obsession, Betrayal, and the Quest for Earth’s Ultimate Trophy (The Inquisitive Biologist)

Do you have some news, a blog, or something just plain cool you want to share with the PLOS Paleo Community? Email it to us at paleocommunity@plos.org, tweet it to us at @PLOSPaleo, or message us on Facebook.
Fossil Friday Roundup: September 28, 2018

Featured Image: Pachycomus from Strawbery Bank. Right lateral view of BRLS/M1297. From Cawley et al. (2019), CC-BY

Papers (All Open Access):

- A centuries-long delay between a paleo-ice-shelf collapse and grounding-line retreat in the Whales Deep Basin, eastern Ross Sea, Antarctica (Scientific Reports)
- Genus Pronoeophium Peril 1851 (Thelypteridaeaceae) in Romania (Journal of Palaeogeography)
- A new fossil assemblage shows that large angiosperm trees grew in North America by the Turonian (Late Cretaceous) (Science Advances)
- A new pollen classification of Chenopodaceae for exploring and tracing desert vegetation evolution in the eastern central Asia (Journal of Systematics and Evolution)
- Occurrence of Brachytyrion Hollick et al from the Lower Cretaceous of Zhejiang Province, southeastern China (Journal of Palaeogeography)
- The evolution of fruit colour: phylogeny, abiotic factors and the role of mutualists (Scientific Reports)

Community Events, Society Updates, and Resources:

Meetings:

- 73th Annual Meeting, Society of Vertebrate Paleontology (SVP), October 17–20, 2018, Albuquerque, New Mexico (Link)
- 2018 Geological Society of America Annual Meeting, November 4–7, 2018, Indianapolis, Indiana (Link)
- 1st Palaeontological Virtual Congress, December 1–15, 2018 (Link)
  - The 1st Palaeontological Virtual Congress: new abstract deadline, and registration payment methods (SVPOW)
  - North American Palaeontological Convention June 23–27 2019 (Link)

Events:

- National Fossil Day 2018: Events UPDATED 9/21/18 (PLOS Paleontology Community)
National Fossil Day 2018: Events UPDATED 10/1/18

10/1/18: This will likely be the last update to the NFD Events list! If you have a last-minute add, please contact John-Paul Hodnett. PLOS Paleontology Community is happy to highlight upcoming events associated with National Fossil Day (October 17, 2018). Many of these events are hosted by U.S. museums, institutions, and schools in order to highlight and celebrate fossils and fossil resources in the United States.

Below is a list of several of the events that we know about so far, and will continue to announce events as we hear about them. The events are arranged by location, and not all of these events are happening on October 17, so be sure to check the date and institution’s individual websites for hours, admission, and location. Info for the events below will be updated as necessary. Find a local event near you and celebrate the United States’ fossil heritage with fun activities and volunteer opportunities!
National Fossil Day 2018: Events UPDATED 10/9/18 FINAL UPDATE

Updated: October 9, 2018 by Sarah Gilson in National Fossil Day

PLOS Paleo Team is happy to highlight upcoming events associated with National Fossil Day (October 17, 2018). Many of these events are hosted by U.S. museums, institutions, and schools in order to highlight and celebrate fossils and fossil resources in the United States.

Below is a list of several of the events that we know about so far, and will continue to announce events as we hear about them. The events are arranged by location, and not all of these events are happening on October 17, so be sure to check the date and institution's individual websites for hours, admission, and location. Info for the events below will be updated as necessary. Find a local event near you and celebrate the United States’ fossil heritage with fun activities and volunteer opportunities!
Fossil Friday Roundup: October 12, 2018

Featured Image: Articulated holotype left pes of Sarahraksaurus surifonianalis. From Marsh and Rowe (2018), CC-BY.

Papers (All Open Access):

- History is written by the victors: The effect of the push of the past on the fossil record (Evolution)
- Applications of chemical imaging techniques in paleontology (NSF)
- Redox-dependent niche differentiation provides evidence for multiple bacterial sources of glycerol tetraether lipids in lakes (PNAS)
- Palynostratigraphy of the Permian Faraghan Formation in the Zagros Basin, southern Iran (RIPS)
- First tropical American species of the “elict” genus Lithopeltis, and relationships in Spaniniae (Diptera, Rhagionidae). (American Museum novitates)
- Partial homologies between sleep states in lizards, mammals, and birds suggest a complex evolution of sleep states in amniotes (PLoS Biology)
- Separating sexual dimorphism from other morphological variation in a specimen complex of fossil marine reptiles (Reptilia, Iothysaurusiformes, Chaohusaurus) (Scientific Reports)
- A new specimen of Palaevania hoybergi: implications for cranial and postcranial girdle anatomy in ophthalmosauroid ichthyosaurs (PeerJ)
- Anatomy and systematics of the sauropodomorph Sarahraksaurus aurifontanalisis from the Early Jurassic Kayenta Formation (PLoS ONE)
- The Smallest Dippedodoc Skull Reveals Cranial Ontogeny and Growth-Related Dietary Changes in the Largest Dinosaurs (Scientific Reports)
- Bite marks on the frill of a juvenile Centrosaurus from the Late Cretaceous Dinosaur Provincial Park Formation, Alberta, Canada (PeerJ)
- A new tarsosauroid (Dinosauroidia: Theropoda) from the Upper Cretaceous Meneze Formation of New Mexico (PeerJ)
- Oldest skeleton of a fossil flying squirrel casts new light on the phylogeny of the group (eLife)
- A late surviving Pliocene seal from high latitudes of the North Atlantic realm: the latest
Fossil Friday Roundup: October 26, 2018

Featured Image: Comparison of the neural spine of Maraapunisaurus fargillimus restored as a rebbachisaurid (A), and the dorsal vertebrae of Rebbachisaurus garasbae (B), and Histriasaurus boscavollii (C). Increments on scale bars = 10 cm. From Carpenter (2018), CC-BY.

Papers (All Open Access):
- Modelling determinants of extinction across two Mesozoic hyperthermal events (ProcB)
- The inseparability of sampling and time and its influence on attempts to unify the molecular and fossil records (Paleobiology)
- Redox-dependent niche differentiation provides evidence for multiple bacterial sources of glycerol tetraether lipids in lakes (PNAS)
- Temporal and spatial characteristics of sediment sources on the southern Yangtze Shoal over the Holocene (Scientific Reports)
- What is an archaean and are the Archaea really unique? (PeerJ)
- Two New Species of Protocedroxylon Gothan (Pinaceae) from the Middle Jurassic of Eastern Inner Mongolia, NE China (Acta Geologica Sinica)
Fossil Friday Roundup: November 2, 2018

Posted November 2, 2018 by Sarah Gibson in Fossil Friday Roundup

Featured Image: Tomographic renderings of endoskeletal anatomy of †Saurichthys sp. (NHMD_157546_A), right lateral (mirrored) view. From Argyriou et al. (2010). CC-BY.

Papers (All Open Access):

- Colorado Plateau Coring Project: Phase I (CPCP-I): a continuously cored, globally exportable chronology of Triassic continental environmental change from western North America (Scientific Drilling)
- Highly bioavailable dust-borne iron delivered to the Southern Ocean during glacial periods (PNAS)
- Future-proofing the Cenozoic macroperforate planktonic foraminifera phylogeny of Aze & others (2011) (PLOS ONE)
- Support for a clade of Placozoa and Cnidaria in genes with minimal compositional bias (eLife)
- Indirect effects of climate change altered the cannibalistic behaviour of shell-drilling gastropods in Antarctica during the Eocene (RSOS)
- A giant mill in Cretaceous Burmese amber (Fossil Record)
- Tarimspira from the Cambrian (Series 2, Stage 4) of Laurentia (Greenland): extending the skeletal record of paraconodontid vertebrates (Journal of Paleontology)
Fossil Friday Roundup: Friday December 21, 2018

Posted December 21, 2018 by Sarah Gibson in Fossil Friday Roundup

Featured Image: Because it’s too cool not to share again this week, Cretoxyrhina attacking Pteranodon. Image credit: Mark Witton. From Hone et al. (2016). CC-BY

Papers (All Open Access):

- Closing the gap between palaeontological and neontological speciation and extinction rate estimates (Nature Communications)
- Anomaly Detection in Paleoclimate Records Using Permutation Entropy (Entropy)
- Closure of the Bering Strait caused Mid-Pleistocene Transition cooling (Nature Communications)
- Setting the Stage: The Late Pleistocene Colonization of North America (Quaternary)
- Oxygen, temperature and the deep-marine stenothermal cradle of Ediacaran evolution (ProcE)
- An unexpected noncorpellate epigynous flower from the Jurassic of China (eLife)
- Paleobotany: Did flowering plants exist in the Jurassic period? (eLife)
- Bajocian Lissoceratinae (Haploceratoidea, Ammonitida) from the Mediterranean-Caucasian Subrealm (RIPS)
Fossil Friday Roundup: October 19, 2018

Papers (All Open Access):

- Can you make morphometrics work when you know the right answer? Pick and mix approaches for apple identification (PLOS ONE)
- Spatial and temporal distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in sediments from Poyang Lake, China (PLOS ONE)
- Morphological characterization of virus-like particles in coral reef sponges (PeerJ)
- The Messinian atromatolites of the Sierra del Colmenar (Western Mediterranean): facies characterization and sedimentological interpretation (PeerJ)
- Morphological diversity of Quercus fossil pollen in the northern South China Sea during the last glacial maximum and its paleodietic implication (PLOS ONE)
- Evolutionary Transition in the Late Neogene Planktonic Foraminiferal Genus Truncorotalia (Science)
- Conodonts, Corals and Stromatoporoids from Late Ordovician and Latest Silurian Allochthonous Limestones in the Cuga Bunga Volcanics of Central Western New South Wales (Proceedings of the Linnean Society of NSW)
- ESR Dating Ungulate Teeth and Molluscs from the Paleolithic Site Marathousa 1, Megalopolis Basin, Greece (Quaternary)
- A Piranha-like Pycnodontiform Fish from the Late Jurassic (Current Biology)
- The Smallest-Known Neontic Individual of Tsolosaurus (Mosasauridae, Tylosaurinae) Sheds New Light on the Tylosaurine Rostrum and Heterochrony (JVP)
- Morphogenetic mechanism of the acquisition of the dinosaur-type acetabulum (RSOS)
- The hippocampus of birds in a view of evolutionary connectomics (Cortex)
- Ectoparasitism and infections in the exoskeletons of large fossil cingulates (PLOS ONE)
- Nyctereutes (Mammalia, Carnivora, Canidae) from Layna and the Eurasian raccoon-dogs: an updated revision (RIPS)

Featured Image: Glyptodont osteodens. From de Lima and Porporino (2018), CC-BY.
For the ages

By Himanshu Nitnaware

Attend an exhibition that highlights the link between man and stone to mark International Earth Science week

Since the time flint was used to make tools to create fire during the Stone Age, the association between humans and stone is one that has outlived all kinds of technologies and even helped develop some. This week, an exhibition will focus on how stone has been used by man over the ages. “The theme was decided by the Geosciences Institute in the United Kingdom on ‘Popularisation of Earth Sciences’. Accordingly, permission was sought to focus on the relation between man and stone,” says the founder of Jividha NGO, Rajiv Pandit.

The exhibition would be divided into three parts with prehistoric, historic and modern age. “The pre-historic part would focus on the use of stone as weapons and tools for hunting and gathering. Then man learned to use stones in various forms,” says Pandit. The Archaeological department of Deccan College will work on the historic era part while Tilak Maharashtra Vidyapeeth will contribute in depicting the historic era.
The pre-historic use of stones would also extend to the Megalithic period where man started using stones for building houses and construction of burial sites. The historic period was also when forts, caves and palaces were built. "A lot of examples (of how stone has been used) are seen within temples, Wadas and sculptures," Pandit says. Buddhist, Hindu and Jain caves were also carved during this era.

The third part of the exhibition would highlight the use of stone in the modern age. "We may be thinking that use of stones by humans has reduced in modern times. However, we continue to interact with the entity in large amounts in our daily lives. It is quite surprising how we continue to interact with stones in the age of technology. Various minerals, cement, Plaster of Paris (PoP) and other heavy works include the use of different types of stones," Pandit says, referring to watches, jewellery, tiles like marble, granite, construction works, gardening and electronic devices, which all use crystals and quartz.

The exhibition, organised by a city-based NGO Jividha in association with Archaeological department of Deccan College and Tilak Maharashtra Vidyapeeth, is held annually during the second week of October.

WHERE: Raja Ravi Varma Art Gallery, Gholo Road

WHEN: October 11 to October 14, 11 am to 8 pm

CALL: 98813 11531

ENTRY: Free
National Fossil Day Giveaway

[Giveaway]
Status: Closed - Thanks for participating!
Pokemon Giveaway 53
Happy National Fossil Day! Celebrate with some free fossils!

Available Pokemon

<table>
<thead>
<tr>
<th>Pokemon</th>
<th>Nature</th>
<th>Ability</th>
<th>Egg Moves</th>
<th>Cycle</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brock</td>
<td>Jolly</td>
<td>Weak Armor</td>
<td>Fang-foresight, Knock-Off, Rapid Spin</td>
<td>162</td>
<td>1</td>
</tr>
<tr>
<td>Lickite</td>
<td>Careful</td>
<td>Storm Drain</td>
<td>Barrier-Mirror, Bag, Recover, Stealth Rock</td>
<td>320</td>
<td>2</td>
</tr>
<tr>
<td>Groudon</td>
<td>Moderate</td>
<td>Weak Armor</td>
<td>Knock-Off, Mudey Water, Spikes, T Jessie Spikes</td>
<td>163</td>
<td>3</td>
</tr>
<tr>
<td>Rhydon</td>
<td>Sunny</td>
<td>Soundproof</td>
<td>Counter-Curse, Stealth Rock, Wide Guard</td>
<td>321</td>
<td>1</td>
</tr>
<tr>
<td>Togepi</td>
<td>Jolly</td>
<td>Swift Swim</td>
<td>Guard Swap, Iron Defense, Knock-Off, Water Pulse</td>
<td>164</td>
<td>1</td>
</tr>
<tr>
<td>Eevee</td>
<td>Jolly</td>
<td>Shiny</td>
<td>Dragon Dance, Fire-Fang, Ice-Fang, Thunder Fang</td>
<td>322</td>
<td>1</td>
</tr>
</tbody>
</table>

Instructions:
- Please deposit a Mudbray.
- Level: 1-10
- Do not gender lock
- You may request one of each, but please wait 5 minutes between your requests.
- No reserving
- Please deposit before posting. I can't find it if you post first.

Example format:
- [HIT]
- Requested (Name)
- Deposited (Mudbray, Level, Gender)

Also, if you have an active TSW thread at /r/TSWExchange then check out The Colossal Fossil Giveaway to see if there's a show fossil waiting for you.
Future educators explore EarthCaches at SIUE, community invited to participate

published October 11 2018 4:03 PM

EDWARDSVILLE - Southern Illinois University Edwardsville's expansive 2,600-acre campus offers ample hands-on learning opportunities for students preparing to teach the next generation of STEM (science, technology, engineering and mathematics) learners.
This semester, a cohort of elementary, early childhood, and special education majors are exploring the physical elements of SIUE’s geography through their foundations of science course. The students are taking their coursework in earth science outside, and learning about the natural and human processes that have shaped SIUE's landscape by visiting EarthCache sites.

“EarthCaches are locations of geological significance that individuals can visit to learn about the Earth’s interesting topography and landforms,” explained course instructor Colin Wilson, with the SIUE STEM Center. “We’ve created EarthCache sites around campus and in the community that offer unique learning opportunities.”

The course coincides with a $299,547 National Science Foundation-funded project, entitled “EarthCaching for Pre-Service Teachers: Examining Attitudes and Intentions towards Informal Science Learning.” The collaborative project involves researchers from the SIUE STEM Center and the College of Arts and Sciences’ Departments of Geography and Physics.

“We’re considering how the integration of EarthCaching activities into a science course for pre-service teachers impacts the learning of geoscience content, as well as attitudes towards and intention to use informal learning experiences, both personally and in teaching,” explained principal investigator Sharon Locke, PhD, director of the SIUE STEM Center.

Sophomore elementary education major Lindsey Rockers, of Breese, appreciates the chance to get out of the classroom and become inspired by SIUE’s landscape.

“This class allows us to explore the campus and learn through interactive experiences,” Rockers said. “I aspire to have an engaging, collaborative classroom someday, so this is exactly the type of lesson that will prepare me to offer that to my future students.”

Special education major Austin Uhls agreed, saying learning by doing is incredibly impactful.
Rockford Symphony, Burpee Museum to host ‘Day with Dinosaurs’

ROCKFORD — The Rockford Symphony Orchestra and Burpee Museum of Natural History will partner to host "Day with Dinosaurs" on Oct. 6, National Fossil Day.

Ancient dinosaur fossils will be featured from 10 a.m. to 2 p.m. at Burpee Museum, 737 N. Main St.

Rockford Symphony Orchestra will perform the live film score with the movie "Jurassic Park" at 7:30 p.m. at the Coronado Performing Arts Center, 314 N. Main St.

Burpee Museum tickets: $10, ages 13 and older; $9, ages 4-12; $2, members; free, ages 3 and younger. "Jurassic Park" tickets: $30-$70; $9, students. For tickets: 815-965-0049; rockfordsymphony.com.
Rutherford Weekend: 5 Things to Do This Weekend

By Andrea Hinds - October 12, 2018

1. Dino Days

- Extended hours Friday October 12
- Boro Art Crawl Friday 6-9
- MTSU Geosciences Fossil Dig for Kids
- Full size Stegosaurus & other large displays in parking lot
- Bring your fossils and rocks for identification
- Food Trucks

[Image of Dino Days event poster]
**WHAT:** To celebrate National Fossil Day and the Tennessee STEAM festival, Earth Experience Natural History museum is hosting Dino Days Friday October 12 and Saturday October 13. Activities run Friday from 2pm until 9pm and Saturday from 11am until 4pm.

The museum has outgrown its current location and several large displays are in storage but for Dino Days we will get them out and set them up in the parking lot of the museum. This includes our full-size Stegosaurus statue.

The museum will be a host site for the Boro Art Crawl October 12 from 6-9pm. We are a regular stop on the Boro Art Crawl and this will be an extra special one since it is also part of the STEAM festival. The A in STEAM stands for Art.

Students from MTSU Department of Geosciences will have a fossil dig set up for kids. And Geoscience faculty will be on hand to identify your rocks and fossils.

[Learn more here.](#)

**WHEN:** Friday, Oct 12 2pm – 9pm & Saturday, Oct 13 11am – 4pm

**WHERE:** Earth Experience – Middle Tennessee Museum of Natural History, 816 Old Salem Road, Murfreesboro
Geo Prof Teams With Museum for Earth Science Celebration

Marissa Martinez, Contributing Writer • October 5, 2018 • Leave a Comment

The San Jacinto College community will have the chance to experience Earth Science Celebration hosted by The Houston Geological Society (HGS) on Oct. 13 at the Houston Museum of Natural Science (HMNS) as part of a series of events aimed at K-12 outreach during Earth Science Week.

Central Campus Geology Professor Sharon Choens, Chair of the Earth Science Week for HGS, said she hopes the event will "spark an interest in science" for those attending the celebration.

This year’s Earth Science Week’s theme is “Earth as Inspiration” which according to the group's website, “emphasizes artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.”

A volunteer for many years, Choens said she sees many children enjoy the event’s offerings adding, “The kids are always excited and have a blast no matter what age.”
Participants at the HMNS festivities will receive a “passport” that leads them through seven passport stations featuring hands-on activities and demonstrations where they can explore the planet Earth with expert guides. The stations are staffed by geoscientists from energy companies and representatives from local geoscience societies, as well as museum volunteers and students from local colleges and universities. Once the “travelers” receive a stamp on their passports from all seven stations, they report to “headquarters” to receive a prize bag of goodies.

Although the event is aimed at a younger audience, Choens said attendees of all ages enjoy Earth Science Celebration.

“Even my college kids really love it and become more interested in science when they go,” she said of her students. “They come back, and they’re all excited, and they’re telling everybody what they saw, and what they did, and how much fun it was.”

*Earth Science Celebration takes place between 11 a.m. and 3 p.m. on Oct. 13 at the Houston Museum of Natural Science located at 555 Herman Park Dr., Houston. Ticket prices are $3.50 for students and faculty with a valid school I.D.*
Houston Geologic Society Earth Science Week field trip with Prof. Dzuryak!

On behalf of John-Franklin Dzuryak, professor of geology

I visited the Houston Museum of Natural Science with 15 of my students (about 23 total including family and friends) for the Houston Geologic Society Earth Science Week field trip. The trip was to the fourth floor of the museum in the newly renovated Energy Hall. There were docents from the museum and the HGS around to help us learn and get some hands on experiences. We learned about where oil and hydrocarbons come from, how plate tectonics plays an important role in hydrocarbon development, we were able to touch real oil rocks, determine how oil is trapped underground, and everyone received a free mineral sample on their way out. It’s was really empOwer!ing!
The last remaining species of sea cow on the West Coast of North America, the Steller's sea cow, pictured in this illustration, was hunted to extinction in the 1760s. They were monogamous and social and mourned their dead.

Ancient Sirenians of the Channel Islands

Geologists Find Sea Cow Fossil on Santa Rosa

Wednesday, January 10, 2018
by TYLER HAYDEN (CONTACT)

Around 20-25 million years ago, when the Channel Islands were situated closer to where San Diego is today, a gentle, giant species of "sea cow" glided among North America's warm West Coast shallows, using their strong lips to slurp up seagrass between deep breaths at the surface. The modern cousins of these ancient sirenians — a scientific name derived from the mermaid "sirens" of Greek mythology — include three species of manatee and one direct relative, the dugong, which live off the east coast of Africa.
The fossilized remains of a sea cow, which scientists think may represent an entirely new species of sirenians, was discovered last July in a steep ravine on Santa Rosa Island by a pair of United States Geological Survey (USGS) scientists mapping fault lines. A team of paleontologists led by Dr. Jonathan Hoffman with the Santa Barbara Museum of Natural History is now in the process of stabilizing and protecting the six- to eight-foot-long fossil before it’s excavated and transported this spring to a marine mammal taxonomic expert at the Natural History Museum of Los Angeles County for further study.

Hoffman and his crew just returned from their second trip to the island, where they applied adhesive to the sea cow’s bones, slathered its body in plaster medical bandages, and then covered the whole specimen in burlap to protect it from the elements and erosion. “This is my first sea cow,” Hoffman said during a staccato phone interview from the site. “I cut my teeth on digs for hoofed animals in eastern Oregon. This is special.”

The sea cow’s skull shape will be studied to pinpoint its relationship to other sirenians, and its heavily worn teeth will help researchers learn about its diet and age. Hoffman is also collecting nearby marine microfauna fossils, such as snails and clam shells, that could yield valuable information about the cow’s prehistoric environment.

“One of the things that’s been really exciting for me is to be working with the National Park [Service],” Hoffman said. “In October the Park Service celebrated National Fossil Day, and it was a lot of fun talking to the public about the fossils we’ve been finding, like the pygmy mammoth. It’s a really great of example of the parks curating the future of these fossils, of protecting history.”
Earth as Inspiration ESW 2018

How does the Earth inspire you?
www.earthsciweek.org

View Original Image at Full Size
Earth as Inspiration ESW 2018
Originally uploaded in NESTA:Teaching Resources.

Image 194007 is a 389 by 700 pixel JPEG
Uploaded: Oct15 18

Last Modified: 2018-10-15 09:09:42
Permanent URL: https://serc.carleton.edu/download/Images/194007/earth_inpiration_esw_2018.jpg
Earth Science Week 2018 Collection

In 2018, Earth Science Week is October 14th to 20th and has as its theme, "Earth as Inspiration." Every Day of Earth Science Week, sponsored by the American Geosciences Institute (AGI), has a special focus. NESTA is highlighting a key resource or resource collection each day. On Saturday, October 20, 2018 join us for an on-demand virtual celebration sharing what NESTA has done this past year and find out how you can become more involved in NESTA.

Check out NESTA’s other Teaching Resources.

Focus Days

Sunday, October 14: International Earthcache Day
If you are an Earth Science teacher, you probably enjoy taking your students outdoors as much as possible. Geocaching offers you and your students this opportunity as well as the excitement of using some navigation skills to locate some hidden "treasures" in your own neighborhood. Check out this resource for a list of what’s in your area.

Monday, October 15: Earth Science Literacy Day
Science literacy is important for today’s society, especially since our environment is changing in many ways. This resource provides the literacy principles that are important in each of the major divisions of Earth Science.

Tuesday, October 16: No Child Left Inside Day and Earth Observation Day
In today’s world too many people have no connection with nature like our ancestors had. The NASA GLOBE Cloud Protocol gives you and your students the excuse to get out of the classroom and connect with your surroundings and best of all, it is free and requires no traveling! NASA needs your help collecting data to better understand the different types of clouds and the effects they have on our Earth’s climate. Satellites only see the top of the clouds while you and your students can see the bottom. Participate and submit cloud observations through the GLOBE Observer app. Be sure to check out the Cloud Training resources.

Wednesday, October 17: National Fossil Day
Fossils provide a valuable record of the plant and animal life and environmental conditions from millions, even billions of years ago. In this lesson from PBS LearningMedia, students create their own fossils, and then use multimedia resources to learn how real fossils form and what scientists can learn from them.
Thursday, October 18: Geoscience for Everyone Day
Earth is calling...will you answer? Find out what geoscientists do and share the career opportunities that are available with your students.

Friday, October 19: Geologic Map Day
Since the 1880’s the USGS and its partners, the State Geological Surveys, have been producing high quality, standardized geologic maps of the Nation. Check out the National Geologic Map Database (NGMDB), which is charged with building a National archive of these maps and related geoscience reports.

Saturday, October 20: International Archaeology Day
Archaeology provides us with information about the cultural and technological aspects of our ancestors. This collection of educational resources from the Society for American Archaeology (SAA) is great for introducing your students to this important branch of science. Be sure to explore the lessons contributed by K-12 teachers as well as those developed by SAA.

Saturday, October 20: Earth Science Week Celebration Meeting!
Join the NESTA community to celebrate the end of Earth Science Week on Saturday, October 20, 2018 and find out how you can become involved with NESTA! You do not need to be a NESTA member to attend. The meeting will start at 4 PM Eastern. Times are given below for all U.S. time zones.

Time: 4 pm EDT, 3 pm CDT, 2 pm MDT, 1 pm PDT, 12 pm AKDT, 10 am HST.

Join from PC, Mac, Linux, iOS or Android:
https://zoom.us/j/63776853

We look forward to celebrating and meeting with you!
Visit Nevada’s youngest volcano, geothermal power plant and other geologic wonders for Earth Science Week

Published by: unr.edu | Found: 3 days ago

Tweeted By:

@twright55 (tweet)
ODNR encourages National Earth Science Week participation
Tuesday, October 2 - 5:44 PM WTVG ABC Toledo - Lisa Ward
Ohio Department of Natural Resources planned activities and shares resource information in advance of National Earth Science Week...

Fannin County makes ready for National Earth Science Week with fossil events
Wednesday, October 3 North Texas Enews
Special guest speaker for the workshop is Mick Tune, a member of Dallas Paleontological Society, an author of the guidebook Wildering: Anyone’s Guide to Enjoying...
Fannin County makes ready for National Earth Science Week with fossil events
October 3, 2018 - 10:51 PM North Texas Enews
Special guest speaker for the workshop is Mick Tune, a member of Dallas Paleontological Society, an author of the guidebook Wildering: Anyone's Guide to Enjoying...

Oct. 14-20 proclaimed Earth Science Week
October 4, 2018 - 12:35 PM Daily Post Athenian

Fannin County makes ready for National Earth Science Week with fossil events
October 3, 2018 - 10:51 PM North Texas Enews
Special guest speaker for the workshop is Mick Tune, a member of Dallas Paleontological Society, an author of the guidebook Wildering: Anyone's Guide to Enjoying...
Oct. 14-20 proclaimed Earth Science Week

October 4, 2018 - 12:35 PM Daily Post Athenian

National Fossil Day at CU Museum of Natural History and other Boulder-area events Oct. 17, 2018

October 16, 2018 - 11:02 PM Boulder Daily Camera
Celebrate National Fossil Day with the CU Museum of Natural History by learning all about trilobites. [Read More]
The Leading Edge

Volume 37, Issue 9 (September 2018)

Inspecting geoscience — Earth Science Week 2018

Geoff Capshire

1Earth Science Week program manager, American Geosciences Institute. Email: gec@americangeosciences.org

Abstract

Exploration always involves creative problem-solving, risk-taking, and critical-thinking skills. This is true in the arts as well as science. And that is why Earth Science Week is exploring the theme “Earth as Inspiration” targeting artistic expression as a powerful means of promoting geoscience education and understanding.

Permalink: https://doi.org/10.1190/tle37090700.1

Keywords: earth science week, education, students

During Earth Science Week 2018 (14–20 October), geoscience professionals can take advantage of several new informational resources, activities, and programs that focus on this theme, promoting public appreciation of the geosciences and stewardship of the planet.

Helping to spread the word this year is Sally Jewell, the conservationist, petroleum engineer, former president and CEO of Recreational Equipment Inc., and former U.S. secretary of the interior. The American Geosciences Institute (AGI) has named Jewell as its Earth Sciences education ambassador. Jewell serves as the principal spokesperson for Earth Science Week 2018, highlighting the need for strong earth science instruction throughout K–12 education.

As secretary of the interior, Jewell launched a four-year initiative to encourage millions of young people to play, learn, serve, and work in America’s great outdoors. A group of cities across the nation and leveraging funds from the private sector to support the effort. “Secretary Jewell’s enthusiasm for learning about our shared earth and inspiring children to understand how earth is intertwined with our lives and culture is universal,” said Allyson Anderson-Booth, executive director of AGI.

Organized annually by AGI, Earth Science Week hosts a website (www.earthsciweek.org) that offers an abundance of new instructional resources, ideas, and activities. The exciting “Big Ideas of Earth Science” videos, for example, cover nine key concepts of the geosciences. Online links provide related activities that students and others can conclude to further explore these ideas. And that’s just the start. The website is the easiest entry point to a world of earth science inspiration.
Fresh this year

You're invited to expand your role as a geophysicist or other geoscience professional and lead the way during this weekend celebration. To get started, look no further than the Education Resources Network of AGI's Center for Geoscience and Society for a collection of earth science curricula, classroom activities, teacher professional development opportunities, science education standards, virtual field trips, teaching ancillaries, and more. The free geoscience education resources featured on this site, provided by a variety of sources, are available at the click of a mouse. To visit the Education Resources Network, simply go to the Earth Science Week homepage and click on the “Resources” link.

Teachers bring geoscientist colleagues into the classroom to share their expertise with students each year during Earth Science Week.

View larger version (118K)

Earth Science Week citywide celebrations will take place in Houston, Denver, and the Washington, D.C. area. The celebrations will include special events and kit donations to local schools. Aligned with these events, AGI will support Energy Day Festival events in Houston and Denver.

Copies of the Earth Science Week 2018 toolkit are available for the cost of shipping and handling under an improved price structure. This year's toolkit includes dozens of items, such as an earth science activity calendar, an attractive wall calendar that features an activity for each month of the school year. The calendar provides a great way to explore the celebration of "Earth as Inspiration" throughout the 2018–2019 school year and beyond. To receive the toolkit, order online or call +1-703-379-2480.

Days of wonder

Maybe you find a special sense of inspiration in one particular area of the geosciences. If so, you are invited to explore your passion during Focus Days:

- On Sunday, 14 October, EarthCachers worldwide will celebrate International EarthCache Day by participating in geocaching treasure hunts.
- Earth Science Literacy Day, taking place Monday, 15 October, focuses on videos illustrating the field's big ideas and related activities.
- On Earth Observation Day, Tuesday, 16 October, activities engage students and teachers in remote sensing as an exciting and powerful educational tool.
- National Fossil Day, focusing on paleontology, takes place at schools, parks, and other sites across the country Wednesday, 17 October.
- Geoscientists like you share the excitement of their careers with young women, minorities, and others on Geoscience for Everyone Day, Thursday, 18 October.
- On Friday, 19 October, celebrate Geologic Map Day, which promotes awareness of the importance of geologic mapping for education, science, business, and policy.
- Saturday, 20 October, caps Earth Science Week with the celebration of International Archaeology Day.

View larger version (182K)
Earth Science Week gives young people opportunities to explore the geosciences in a variety of formal and informal educational settings.

Cool contests

Earth Science Week is sponsoring its four traditional contests in visual arts, essay writing, video production, and photography. Everyone can participate in at least one of the contests.

Everyone is invited to participate in the photo contest. For the “Inspired by Earth” contest, entries must be composed of original, unpublished material, and should show how earth serves as inspiration for art — or simply a view of the natural world that is inspiring. “Earth and Art,” this year’s visual arts contest, is open to students in kindergarten through grade five. Essays by older students, grades six through nine must address the idea of “Finding Art in Earth.” And AGI invites people of all ages to enter the “Earth Expressions” video contest by submitting a brief, original video celebrating ways artistic expression stems from the natural world, and how art can be an excellent way to learn about the earth.

Contest winners receive a prize of US$300 and a copy of AGI’s The Geoscience Handbook. In addition, each winning entry is celebrated on the Earth Science Week website.

Visit www.earthsciweek.org/focus-days for more information about Focus Days.

How to connect

There’s no mystery about getting involved in Earth Science Week. Geophysicists and other geoscientists who want to help enrich young people’s education, can get tips from Visiting Geoscientists: An Outreach Guide for Geoscience Professionals, a handbook coproduced by AGI and the American Association of Petroleum Geologists’ Youth Education Activities Committee. The handbook offers strategies, resources, sample activities, and more. Download it at www.agiweb.org/education/aapg/.

You can provide unique educational opportunities based on your training, experience, and firsthand knowledge of the workplace by visiting classrooms and leading field trips, especially at the elementary, secondary, and high school levels. Whether you work in a resource or environmental company, research institute, state or federal agency, or college or university, you can make a difference. Plan now for a school visit during the coming year, maybe during Earth Science Week.

For additional ideas on how to lead a hands-on geoscience activity, simply search the Earth Science Week website’s collection of more than 120 learning activities that support the Next Generation Science Standards. To find the perfect activity for a lesson, click on “Search Classroom Activities.” There, you can search by grade level and science education standard. Perhaps most useful, you can search among 24 categories of earth science topics, from energy and environment to plate tectonics and weathering.

AGI reaches more than 50 million people each year through the Earth Science Week campaign. You can be an important part of that success. Geoscientists have provided the leadership for Earth Science Week since its inception in 1990. Now is your time to lead.
GET YOUR PARK ON!

Announcing GET YOUR PARK ON! A new North America WWFF Park Event.

Three WWFF countries have joined together for Get Your Park ON!, a North America WWFF parks event that coincides with Earth Science Week activities around the globe.

Purpose: Get as many parks as possible in Canada, USA and Mexico on the air from Oct. 14-20, 2018 and Hunters throughout the world calling to log as many QSOs as possible with those parks during the event.

-- All Activators are expected to submit their logs to their assigned person (may vary by country) for upload to the WWFF system.

-- Credit for all Hunters and Activators will accrue as normal WWFF QSOs.

-- Special Awards will soon be announced for Get Your Park ON!

Join the Get Your Park ON! Facebook Group at: http://getyourparkon.com/ to stay current with details and announcements about this exciting new event.

Everybody Get Your Park ON! and get into the log.

Share this information!
Seasonal fun set for Casper Saturday

Seasonal fun is set for Casper on Saturday with an old-time radio show after dark, pumpkin selling by two nonprofit groups, a free fall carnival and two high school theatre productions. Here is a summary, as provided to the Star-Tribune.

Casper Mountain Racers will host the annual Ski, Snowboard, and Bike Swap at the Central Wyoming Fairgrounds through Sunday. Saturday, 8 a.m. to 5 p.m. regular sales; Sunday, 9 a.m. to noon consignment pickup and sales. Sale ends at noon.

Pumpkin sales to benefit Meals on Wheels continue through October 31. All pumpkins are grown in Casper at Leeward Tree Farms. Saturdays from 10 a.m. to 4 p.m. Pumpkins will be $5 for a small, $10 for a medium and $15 for a large.

It's Pumpkin Patch time at First Christian Church, 520 CY Avenue, 10 a.m. to 7 p.m.

The Eagles Auxiliary hosts its 5th Annual Fall Craft and Vendor Fair from 9 a.m. to 3 p.m. at the Eagles Aerie Back Hall, 306 N. Durbin.

UU Casper invites adventurous souls from 9 a.m. to 6 p.m. on a field trip to view the ancient petroglyphs at the Castle Gardens Petroglyph Site, about 97 miles west of Casper. The site is remote, and 4-wheel drive is recommended. Participants should meet at UU Casper, 1040 W. 15th, at 9 a.m. to carpool to the site, and should bring extra water and a sack lunch.

Saturday morning Watercolor Group at Art 321 meets from 10 a.m. to noon and all are welcome to attend. The cost is $10 per session. October 20, Portraits in Watercolor, Kit Scott.

The Tate Geological Museum on the Casper College campus will celebrate National Fossil Day from 10 a.m. to 2 p.m. at the museum. The National Fossil Day open house is free and open to the public. Punch and cookies will be served, and there will also be door prizes for the kids.
Discovery Park participates in Earth Science Week

Tuesday, October 16, 2018
Special to the State Gazette

Discovery Park of America is participating in Earth Science Week 2018 from Oct. 6 - 20. The American Geosciences Institute has organized this national and international event since 1998. Its purpose is to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth. This year’s celebration theme is “Earth as Inspiration.” The event will emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.

The activities and resources at Discovery Park of America will engage young people and others in exploring the relationship between the arts and the Earth systems. The schedule of activities, classes and events at Discovery Park of America are all free for members or anyone with park admission. These are the plans:

Tuesday, Oct. 16-
11 a.m. – noon- Magnets (Art Hallway)
3 – 5 p.m.- UTM Student Meteorological Society Demonstration
Wednesday, Oct. 17-

3 – 4 p.m. – The real Story of the Oviraptor (Dino Hall)

3 – 5 p.m. – Fossil digging sponsored by UTM Geology Dept. (Great Lawn)

Thursday, Oct. 18-

3 – 5 p.m. – Explore stream health with the UTM Ecology Club (Children’s Garden)

Friday, Oct. 19-

Noon – 2 p.m. – Explore the Earth’s structure (Art Hallway)

Saturday, Oct. 20-

11 a.m. – 1 p.m. – Bring your own artifact and let archeologist Bill Lawrence identify it. You can also enjoy seeing some amazing artifacts brought by Bill Lawrence and the UTM Geology Department. (Dino Hall)

2 – 4 p.m. Fossil Dig (Great Lawn)

According to Andrew Gibson, most of the programs offered at Discovery Park during Earth Science Week are appropriate for an audience of all ages. “We hope that our members and guests will enjoy these unique activities and this opportunity to learn more about the planet we live on during Earth Science Week,” Gibson added.

For more information about the American Geosciences Institute, visit their website at [www.earthsciweek.org/about-esw](http://www.earthsciweek.org/about-esw)

*Discovery Park is located at 830 Everett Blvd. in Union City. You can see the 2015 Calendar of Events and find out more about the park by visiting the website at [www.discoveryparkofamerica.com](http://www.discoveryparkofamerica.com). The park is open Tuesdays through Sundays from 10 a.m. until 5 p.m. and is a unique blend of history, science, architecture, art and fun.*
St Augustine Lighthouse & Maritime Museum

International Archaeology Day

Date: 20-Oct-2018

Details

Meet Lighthouse Archaeologists and attend a presentation by Florida Public Archaeology Network

ST. AUGUSTINE, Fla. – Meet archaeologists at the St. Augustine Lighthouse & Maritime Museum on October 20 to discover history and mystery of local shipwrecks.

Celebrating International Archaeology Day, our conservation lab will be open to visitors to see first-hand artifacts from centuries ago. Shipwreck artifacts and the lives of lighthouse keepers will bring the past to the present as we explore history with the things of our ancestors.

From 10 AM to 2 PM, Lighthouse archaeologists will have a display of artifacts in the Maritime Archaeology and Education Center.

At 2 PM, join us for a presentation by Emily Jane Murray, archaeologist with the Florida Public Archaeology Network (FPAN) as she showcases discovery and preservation of the Heritage Monitoring Scouts program, an innovative initiative brought to us by FPAN. The title of the talk is “Climate change, site stewardship and you.” Combining volunteers and professionals, the Heritage Monitoring Scouts program combats our state waters and lands to bring constant updates to our knowledge of archaeology and changing coastlines.

Immediately following the presentation, join us in unveiling a historic marker for the historic lighthouses of St. Augustine near the Lighthouse Boat Ramp. A special project of the St. Augustine Archaeological Association, this marker commemorates the various beacons that have stood sentinel over our coast. The ceremony will begin promptly at 3 PM.

Regular admission fees to the Museum apply. Admission is $12.95 for adults; $10.95 for seniors and children under 12. free for children less than 44 inches (unable to climb the tower). St. Johns County residents with ID can pay for one day and receive a pass for a complete calendar year. Membership packages also are available. Hours are 9 a.m. to 6 p.m. daily.

For more details about the St. Augustine Lighthouse & Maritime Museum, visit staugustinelighthouse.org or call 904-829-0745. Stay updated on social media at facebook.com/staugustinelighthouse, Instagram.com/stauglighthouse, and twitter.com/firstlighthouse
Can you dig it? Stillwater couple finds rare fossil

by Michele Charles CNHI News Oklahoma
May 24, 2018

Stillwater resident Kevin Litburn found this tooth from a Titanotherium, a prehistoric rhino-like mammal that stood seven feet tall, while on a field trip to Nebraska with the Dallas Paleontological Society. Titanotherium's distinctive wish-shaped molars were used to cut and crush leafy vegetation.

Kevin and Sherri Litburn of Stillwater are fossil collectors who made a rare find during their recent vacation. The couple took a field trip in early May with the Dallas Paleontological Society at a privately-owned ranch near Crawford, Nebraska, and returned with a number of fossils.

Sherri said their finds include jawbones from Oreodont, a small, pig-like mammal that lived during the Oligocene period, approximately 33-23 million years ago; several turtle shell fragments and several fossilized snails.

But their biggest find happened the day they arrived when Kevin discovered a piece of jawbone with a tooth from Titanotherium, a herbivorous, hoofed mammal distantly related to the rhinoceros, horse and tapir. The prehistoric mammal looked similar to a rhinoceros and had large, bony growths on its skull that scientists believe were used to head butt rivals during fights.

The name Titanotherium means "titanic beast." The creature is also sometimes called the "Thunder Horse" and a Titanotherium skeleton was believed by some historians to be the inspiration for the Lakota legend of the Thunder Horse.
Super News World

NASA | Earth Science Week: Water, Water Everywhere!

NASA | Earth Science Week: Melting Ice, Rising Seas

NASA | Earth Science Week: Climate Change & The Global Ocean

NASA | Earth Science Week: The Ocean’s Green Machines
CITGO Contributes to 8th Annual Houston Energy Day Festival

HOUSTON, Nov. 1, 2018 /PRNewswire/ -- CITGO Petroleum Corporation recently participated in Houston's largest free family festival, Energy Day. The event brought together families, students, energy professionals and other members of the community for a day of science, technology, engineering, and mathematics (STEM) programs, exhibits and activities. With more than 25,000 attendees filling Sam Houston Park on Saturday, Oct. 20, Energy Day was, once again, an impressive display of education and community. The popular event was presented by the Consumer Energy Alliance (CEA) and the Consumer Energy Education Foundation (CEEF).

"Energy Day is a shining example of this city's prospering energy industry and its dedication to giving back," said Rafael Gomez, Vice President Strategic Shareholder Relations and Government & Public Affairs. "The event gives us a chance to interact with our Houston family face-to-face and showcase opportunities and resources that can lead to fantastic STEM careers."

CITGO was a sponsor of the event and organized a station where visitors participated in hands-on activities that demonstrated how petroleum is used in every day products. As an active corporate citizen of Houston, CITGO prides itself in demonstrating the benefits of STEM education and careers in the energy industry.

"Inspiring students to be excited about STEM education is a pillar of our corporate social responsibility efforts," said Gomez. "Energy Day is great way to achieve that goal outside the classroom setting. Giving children the chance to experience dozens of hands-on exhibits in a single day keeps them entertained and engaged."

The five-hour event offered 61 exhibits, including bike riding to generate electricity, creating LED bracelets, learning about the physics behind sports, and studying out how infrared images, robotics and virtual reality are used in STEM industries. To cap off the day, more than 180 students and teachers were awarded nearly $2,000 as part of the Energy Day Academic Program.
DEP's Florida Geological Survey open house rocks for visitors

Ashley White, Tallahassee Democrat  Published 3:43 p.m. ET Dec. 8, 2018

Visitors were greeted with sidewalk art on Saturday when they walked up to the Florida Department of Environmental Protection’s Geological Survey building.

The art depicted the geological time scale, complete with illustrations of dinosaurs, sharks and coal. It was just a sliver of the information that awaited visitors inside for its open house.

Samantha Rodriguez scurried up to a row of microscopes at the magnification station. She moved samples of rocks, shells and animal bones from beneath the lens of the microscopes. Beside her were the two rocks she painted, one with a dinosaur on it, the other in rainbow colors.

“My favorite part is what salt looks like up close,” the 8-year-old said. “It's tiny.”

Samantha loves science. She likes the math that's involved with it. When she grows up, she wants to be a scientist. Her love for STEM is one of the reasons her grandmother brought Samantha and her younger sister 5-year-old Zoe Norris.

"I took them to the science technology day at the Capitol. They were so interested in that," their grandmother Susan Sanches said. "I've been looking for more things like that."

It was a field trip for homeschooled students, 8-year-old Anthony, 6-year-old Daniel and 2-year old Isabella. Geology will be in their curriculum starting in January.

The open house included a fossil dig area, a specimen table for visitors to look at and hold fossils and rocks found in Florida, a hydrology demonstration and a drill rig. It's typically held during Earth Science Week in October but was delayed because of Hurricane Michael.

Contact Ashley White at adwhite@tallahassee.com or on Twitter @AshleyyDi.
Infusing Technology into Earth Science Week

Author: Sharon Hall | Posted: October 9, 2018
Categories: Classroom, Teaching, Tech Tool | Tags: EdTech, Instructional Strategies, lesson ideas, resources, Science, STEM, strategies, TeachersFirst, Tech Tools, technology implementation

Let's talk about Science. Earth Science to be exact. Earth Science Week takes place October 14 – 20 and this year's theme is "Earth as Inspiration." Sponsored by the American Geosciences Institute, the goal of this annual event is to promote understanding and appreciation of earth sciences and encourage stewardship of the earth.

Here are some suggestions to help you get started with your preparations for Earth Science Week in your classroom using technology to promote student learning:

All Teachers:

- Knowledge of science standards is imperative for designing robust, pedagogy-based lessons. Find standards, rubrics, and sample tasks at the Next Generation Science Standards website. Pay particular attention to the dropdown in the search feature that allows users to search by practice. This section contains concrete information on best practices in teaching the sciences.

- Earth Science Literacy Initiative – this framework of 9 big ideas presents concepts, and all Americans should know about Earth science. Included in this link are a guide with Earth Science Literacy principles and a set of videos available for download and use in educational settings.

- Find high-quality Earth science websites and activities reviewed on TeachersFirst. Browse through these ideas to find resources for all grade levels.
Texas Pterosaur Flies into Spotlight this National Fossil Day

OCTOBER 17, 2018

The Texas Pterosaur, *Quetzalcoatlus Northropi*, is the featured specimen for this year's National Fossil Day on Oct. 17, 2018. Get up to speed on this flying giant that once soared across Texas.
Event Schedule Oct. 17 – Oct. 23

Wednesday, Oct. 17

Wellness Wednesday: Nutrition, Wellness and Culture
PSUB Salmon River, 12:10 p.m.
Learn about nutrition and healthy eating.

National Fossil Day
Idaho Museum of Natural History Discovery Room, 4 p.m.
Help sort fossil-containing sediments.

Lecture by Political Science professor Donna Lybecker
PSUB Wood River Room, 7 p.m.
"Are People Willing to Pay or Willing to Do? Sustainability in Ireland and the U.S."

Thursday, Oct. 18

Geoscience for Everyone Day
Idaho Museum of Natural History Discovery Room, 5 p.m.
Idaho Museum of Natural History director Leif Tapanila speaks on how geoscience plays a big part in our lives.

Friday, Oct. 19

Haunted History Walking Tour
420 N. Main Street, 7 p.m.
Visit four haunted buildings in Old Town Pocatello, learning about their history and experiencing their haunted activity.

Saturday, Oct. 20

Yurt Set-up
Outdoor Adventure Center, 8 a.m.
Help set up yurts and prepare wood for the upcoming season.

International Archaeology Day
Idaho Museum of Natural History Discovery Room, 9 a.m.
Family-friendly archaeology activities.
The Sons and Daughters of the American Revolution recently participated in the International Archaeology Day festival at Fort Frederica National Monument on St. Simons Island.

Pictured are De Cox, from left; Bill Ramsaur, Pete Dillon, Cathy Clements and Kathy Trackwell.
Sons of the American Revolution award certificates

Submitted by Peter Dillon

At the November meeting of the Sons of the American Revolution — Marshes of Glynn Chapter, the chapter presented certificates of appreciation to the Fort Frederica and Brunswick Chapters of the Daughters of the American Revolution for their participation in the International Archaeology Day at Fort Frederica National Monument Oct. 20. In the photo, from left to right, is Pete Dillon, Stephanie Austin, Phil Callicutt, Cathy Clements and Bill Ramsaur.
Opinion

Quiet Corner Whispers

Time to explore and dig some local archaeological sites

Saturday is International Archaeology Day. Last year, more than 900 events, from fairs and open houses to special tours of archaeological sites were organized in two dozen countries, according to the Archaeological Institute of America.

In Connecticut, October is Archaeology Awareness Month and the Friends of the Office of State Archaeology maintain the calendar of October 2018 events at fossa-ct.org.

Currently, the state’s Historic Preservation Office already has information on more than 5,500 known archaeological sites in Connecticut that pretty much cover our history. The sites include pre-contact pre-European, post-contact, industrial and maritime.

There are 31 designated Connecticut state archaeological preserves that include everything from Newgate Prison in Granby to a Nike missile site in Portland.

Half a dozen sites are located in the Quiet Corner. They are: Fourth camp of Rochambeau’s Army in Windham American Revolution; Quinebaug River Prehistoric District in Canterbury; Governor Samuel Huntington Homestead in Scotland; Cady-Copp House and Site in Putnam; Prudence Crandall House Museum in Canterbury; LaBeau Fishing Camp; and Weir Site in Killingly.

One of the more interesting archaeological digs I am following is not in Connecticut but in New York state in the Catskill mountains at Bethel where concertgoers gathered 50 years ago next year at a 600-acre dairy farm. It was August 1969 when the Woodstock Music and Art Fair offered three days of peace and music. An estimate of 400,000 people showed up to hear Janis Joplin, Jimi Hendrix and the Grateful Dead, among the numerous performers.

It is archaeologists from Binghamton University’s Public Archaeology Facility who are investigating the grassy hill. “Woodstock was a defining moment in the American experience, and it created a counterculture revolution that changed a whole generation,” PAF Director Nina Versaggi is reported to have said in the September-October issue of Archaeology magazine. Every year the site has visitors. The locals call them pilgrims, according to the New York Post. The dig results so far have been a few beer cans tabs and shards of glass.

I did not attend the Woodstock event. As a relatively young naval officer in the 1960s, a hippie lifestyle was discouraged, but I did dig the music.

Marge Horkin, a Quiet Corner native, is a retired naval officer. She is the former chairwoman of the Quinebaug-Shetucket Heritage Corridor board of directors and one of the founding members of the Corridor. Reach her at mihorkin@shglobal.net.
Celebrate National Fossil Day on Saturday, Oct. 20, at the Main Library

10/17/2018

Reptiles and amphibians for National Fossil Day

The library will celebrate National Fossil Day with a themed event titled The Age of Reptiles - More Than Just Dinosaurs on Saturday, Oct. 20, at 2 p.m. at the downtown Main Library.

Members of the NDSU Herpetology Club and staff from NDSU’s Geosciences Department will provide some live reptiles and amphibians for the event along with some extraordinary fossils. All ages are welcome, registration is not required and all materials will be provided. For more information, contact Children’s Services at 701.241.1495.

Fargo Public Library events are free and open to the public. Children age 9 and younger must be accompanied by an adult. For a list of upcoming events, visit the library’s online calendar of events.

Download high resolution image - ‘Reptiles and amphibians for National Fossil Day’
Come celebrate National Fossil Day on Wednesday, Oct. 17, at the Fort Peck Interpretive Center. There are plenty of opportunities to get close to those creatures and their bones from 65 million years ago.

The Fort Peck Interpretive Center remains open in October and November from 10 a.m. to 4 p.m. In October, the Center is open Tuesday through Sunday. In November, the open days are reduced to Tuesday through Friday. The remainder of the year through mid-April, the Interpretive Center is open by appointment only. Powerhouse tours are also available by appointment confirmed at least 48 hours prior to tour time, so be sure to plan ahead. The Center does have a meeting room that seats 100 if groups need a location central to the region. Call Sue Dalbey at 406-526-3411 x3755 to make arrangements.

The Downstream Campground in Fort Peck closed Oct. 15. Camping is still an option year-round at places like Flat Lake, West End Recreation Area, Duck Creek, Roundhouse Point and Floodplain dispersed camping areas.

The Nature Trail and Downstream Campground will be closed periodically in November to allow people with disabilities to hunt, including Nov. 2-4, 11-18 and 23-25. The area will be signed. Hunters must have a valid hunting license from Montana Fish, Wildlife & Parks and weapon restrictions are in place. Permission and dates must be attained from the Corps of Engineers at 406-526-3411.
WATERLOO — As part of Earth Science Week activities, RMC Aggregates, along with the Earth Science Department at the University of Northern Iowa, will sponsor the Sunday at the Quarry event from 11 a.m. to 4 p.m. Oct. 7 at the RMC Aggregates Raymond Quarry, 6900 Debuque Road.

It is located just east of Raymond. The theme is is “Everyone’s A Miner.” This year, the program presentations have been expanded to include special presentations related to finding resources, accessing resources, how to use resources, conserving resources and resource demands for the future.

Program participants and presentations include University of Northern Iowa Earth Science Department, Iowa Geological Survey, Black Hawk County Soil and Water District Watershed Program, Black Hawk Gem and Mineral Society, City of Waterloo, Iowa Flood Center, Iowa Learning Farms Conservation Station, University of Iowa Mobile Museum and Cedar Falls Utilities.

There will be programs, activities and information for everyone, including Scouts, school groups, youth organizations, the general public and anyone interested in the Earth sciences. Everyone will have the opportunity to do rock, fossil and mineral collecting with the Gem and Mineral Society and do a geology tour of the quarry.

Also, for the past several years, RMC Aggregates has supplied area educators with the Earth Science Week tool kits produced by the American Geological Institute which include posters, activities and information including subject matter CDs. This year the tool kits will again be available from RMC Aggregates at no charge.

Contact the RMC Aggregates Elk Run Heights office at 319-658-31 to order one.
This Week in the Cedar Valley

Oct 5, 2018

Try 3 months for 99¢

Michael Brooks reads to a dog during Barking Book Buddies at the Cedar Bend Humane Society in Waterloo. BRANDON POLLOCK, Courier Staff Photographer

Sunday at the Quarry

Time: 11 a.m. to 4 p.m. Sunday

Location: Raymond Quarry, 0900 Dubuque Road, Jesup

Details: In correlation with Earth Science Week, BMC Aggregates will host this event. Participants will have the chance to take a trip into the pit to learn the geology of the area, collect rocks, minerals and fossils that they can take home, and enjoy programs, presentations and hands-on learning.

Admission: Free
University to celebrate National Fossil Day

Shahriyar Emami, Staff Reporter
October 15, 2018
Filed under NEWS

The University will celebrate National Fossil Day as established by the National Parks Service.

National Fossil Day was celebrated for the first time on Oct. 12, 2010.

WHAT: National Fossil Day

WHO: This event is open to the public and admission is free.

WHEN: Wednesday, Oct. 17 from 5-7 p.m.

WHERE: Smith Hall

WHY:

Experts from the Tuscaloosa and Birmingham area will be at the event to talk about their fossil research.

Allie Sorlie, education outreach coordinator for the Alabama Museum of Natural History, said this event is a great way to get to know more about the history of the state.

“Whether or not you’re from Alabama, Alabama is a unique place for many reasons,” Sorlie said. “One of the things that we are unique and known for is our fossil diversity.”

Sorlie said Alabama has fossils that are dated as far back as 550 million years.

“If you are interested in fossils, if you’re interested in learning about prehistory, this is an incredible state to go to and find out more about it,” Sorlie said.
National Fossil Day at CU Museum of Natural History and other Boulder-area events Oct. 17, 2018

POSTED: 10/16/2018 03:02:48 PM MDT | UPDATED: 3 MONTHS AGO

National Fossil Day at CU Museum of Natural History

Celebrate National Fossil Day with the CU Museum of Natural History by learning all about trilobites. Stop by the north entrance of the museum to design your own trilobite cookie while learning amazing facts about these diverse creatures from long ago. Explore real trilobite fossils, make a trilobite magnet and piece together a trilobite puzzle: 11 a.m., University of Colorado Boulder Museum of Natural History, 1398 Broadway, Boulder; info: 303-492-6892, calendar.colorado.edu.

World Premiere of "Paper Cut" — Is courage confined to combat? In this production, Kyle has just returned from war a very different man, forced to confront an emotional minefield back at home. Brimming with heart and love, "Paper Cut" by Andrew Rosendorf is a raw exploration of the physical and emotional toll of our military, and a reminder that heroes don’t always wear uniforms: 7 p.m., Dairy Arts Center, 2550 Walnut St., Boulder; $10-$340; 303-444-7225, localtheaterco.org.

World Premiere of "Hoji" — After 14 years of filming with Matchstick Productions, "Hoji" gives skiers a long overdue glimpse into the journey of a modern day backcountry skiing pioneer Eric "Hoji" Hjorleifson in an action-packed ski flick: 7 p.m., Boulder Theater, 2032 14th St., Boulder; $20.
Whiskey & Ice Cream at West End and other Boulder-area events Oct. 16, 2018

Whiskey & Ice Cream at West End
Denver Distillery Laws Whiskey House is sending its rep Jouelle Coons to Boulder to help connoisseurs learn about and taste their way through six unique pairings, featuring local favorite Sweet Cow. "The best kind of adult social hour," they say. Reservations Required (303) 444-5333. 7 p.m. Tuesday, West End Tavern, 956 Pearl St., Boulder; $20; thewestendtavern.com.

TODAY
3rd Tuesday Lunchtime Concert Series — Boulder Phil Brass Quintet teams up with Boulder Ballet for this uplifting lunchtime concert! 12 noon, Boulder Public Library, 1001 Arapahoe Ave., Boulder; calendar.boulderlibrary.org/event/052ad7fd8.

Artist Xu Raibang and His Family in Mao’s China — Galloping Horses describes how his family and legacy survived the turbulence of Mao’s ever-changing policies, which dictated the direction of art and music from 1949 through the devastating 10-year Cultural Revolution. 7 p.m., Eaton Humanities Building, CU Boulder, 1610 Pleasant St., Boulder; free; 303-735-5122.

National Fossil Day: All about trilobites — Celebrate National Fossil Day with the CU Museum of Natural History. Stop by the north entrance of the museum to design your own trilobite cookies while learning amazing facts about these diverse creatures from long ago. Explore real trilobite fossils, make a trilobite magnet and piece together a trilobite puzzle; 11 a.m. Wednesday, University of Colorado Boulder Museum of Natural History, 1328 Broadway, Boulder; free; 303-492-6692, calendar.colorado.edu.

Hands-on reptile experience — Have a hands-on experience with reptiles and learn about their habitat and lives. See the animals up close and some can be held; 1 p.m. Wednesday, My Nature Lab, 1110 E. South Boulder Road, Louisville; $10; 720-909-0000, mynaturelab.org.
Robot smackdowns, hovering drones were among the draws at Energy Day
Denver festival focuses on science, math education and careers

By, JUDITH KOHLER | jkohler@denverpost.com | The Denver Post
PUBLISHED: September 22, 2018 at 09:35 pm | UPDATED: September 22, 2018 at 09:22 pm

The robots are guided to lift beams and place them in slots inside the arena during the semi-final round of the competition. The Consumer Energy Alliance and the Consumer Energy Education Foundation host Energy Day at East High School on Sept. 22, 2018 in Denver. The event features exhibits focusing on science, technology, engineering and math (STEM) and includes a robotics competition with high school robotics teams.
When Nancy Kreitler saw an advertisement for Energy Day she knew where she wanted to take her grandchildren Saturday. Part of her reward was a strawberry slushy her 8-year-old grandson, Rhys Kreitler, produced using pedal power — a blender hooked up to a stationary bike ground the ice as the wheels turned.

Another reward was seeing Rhys, who’s interested in robotics, and her 10-year-old granddaughter, Tatum, excited about all the different exhibits by energy companies, museums and state and federal agencies on the grounds of Denver’s East High School. Down the street, teams of students rolled out their dueling robots, lining up to enter the makeshift arena in front of the high school’s main doors.

“They’ve done such a great job,” Kreitler said of the festival geared toward getting kids interested in science. “They really speak to the children at their level.”

Energy Day was billed as a family festival focused on STEM education — science, technology, engineering and mathematics. This was the second year the Consumer Energy Alliance and the Consumer Energy Education Foundation organized the festival in Denver. Houston is the only other city where the event takes place annually.

The Consumer Energy Alliance represents a range of interests in the energy industry, including small businesses, academics and conservation organizations.

“We’ve been doing the festival in Houston for seven years. It makes sense in Houston, being it’s the quote, unquote, energy capital of the world,” said Emily Haggstrom, the Consumer Energy Alliance spokeswoman.

And Denver makes sense as a location, Haggstrom said, because of the robust energy industry, from oil and gas to renewable sources. The area’s schools and universities and “all the great research institutions,” including the National Renewable Energy Laboratory in Golden, were a draw as well, she added.

A major goal of the events is to pique children’s interest early in the sciences and educate them and their parents about the career opportunities. The gap between the number of people needed for science, energy and engineering jobs and the number of people deciding on those careers is growing, Haggstrom said. In the energy field alone, federal figures project an upcoming demand of hundreds of thousands qualified people, she said.

Ascent Geomatics Solutions, one of the exhibitors at Energy Day, is looking at gaps as baby boomers retire, said Keith Hulen, the company’s director of business development. The company collects and analyzes geographic data for the energy and transportation industries, among others. And Ascent uses a fleet of 10 drones of varying shapes and sizes to gather data that used to be gathered mainly by land surveyors walking painstakingly over long distances.
‘Permian Monsters’ explores life before the dinosaurs

Realistic models like of this Cacops, depict a range of strange creatures that lived in the Permian Period in the “Permian Monsters: Life Before the Dinosaurs” exhibit, which will open Saturday and continue through May 5, 2019, at the Florida Museum of Natural History. [Photo courtesy of Denis Smith]
The new Florida Museum exhibit opens Saturday with special activities.

Ever wondered what kind of life roamed the Earth way back when, like way back, even before T. rex time?

About 290 million years ago, before the dinosaurs, the Permian Period saw the emergence of new creatures including reptiles, which became the most prevalent land animal for the first time. There's not much known about the period, however, and that's because its extinction was the largest in Earth's history — only 10 percent of plants and animals survived.

But beginning Saturday, visitors at the Florida Museum of Natural History will have the opportunity to explore what scientists do know about "Permian Monsters: Life Before the Dinosaurs."

"The Permian is a unique time period with very different plants and animals than what we have featured in past exhibitions," said Julie Waters, the exhibit coordinator at the Florida Museum.

On opening day from 10 a.m. to 3 p.m., a free event for all ages will offer hands-on activities and a chance to meet paleontologists and geologists who work every day to uncover more about the planet's past.

Celebration activities also will include fossil dig and wash stations, and Mayflower Cellars will be serving up local, handcrafted dishes.

Since the launch of the exhibit also takes place on National Fossil Day, attendees are invited to bring their own objects for identification with some of Florida's fossil clubs.

"I'm most excited that it's an area I didn't know anything about, and it's such a breaking point in Earth's history with this massive extinction," said Catherine Carey, the public programs coordinator at the museum and planner of the opening day festivities.

The "Permian Monsters" exhibit itself will give visitors a chance to come face-to-face with seven life-size, animatronic creatures from the period. Also featured will be touchable fossil casts and interactive quizzes to test and educate visitors.

In addition, people can search for fossils in four dig pits, browse through sculptures and see 12 exclusive illustrations by paleo-artist Julius Csotonyi.

"No matter your age or learning style," said Waters, "there should be something for everyone within the exhibition."

Admission to "Permian Monsters" is $8 for adults; $7 for Florida residents, seniors and college students; $5.50 for ages 3-17 and free for museum members and UF students with a valid Gator 1 card.

‘Permian Monsters - Life Before the Dinosaurs’

What: New exhibit explores what Earth was like before the arrival of dinosaurs and mammals, with hands-on activities, fossil displays, dig pit and more

When: Opens Saturday with special free activities 10 a.m.-3 p.m. Exhibit will continue through May 5, 2019; museum hours are 10 a.m.-5 p.m. Monday-Saturday; 1-5 p.m. Sunday

Where: Florida Museum, 3215 Hull Road

Cost: Admission to "Permian Monsters" is $8 for adults; $7 for Florida residents, seniors and college students; $5.50 for ages 3-17 and free for museum members and UF students with a valid Gator 1 card; Saturday's opening day activities are free.

Colorado Springs robotics teams to compete in Denver's largest STEM festival

By: Debbie Kelley  Sep 14, 2018 Updated Sep 14, 2018

Coronado High School's robotics team, "Cougars Gone Wired," is among 12 groups competing in the First Robotics Competition during the Sept. 22 free family STEM festival at Denver's East High School, 1600 City Park Esplanade.

Called “Energy Day,” the festival will feature exhibits and interactive demonstrations with energy experts to spark student's interest in science, technology, engineer and math and prepare them for a future in STEM fields. The various forms of energy, conservation, efficiency and science and technology developments will be spotlighted.

The robotics competition, which involves robots students built and operate, will be held as part of the event.

Robotics teams from schools in Grand Junction, Fort Collins, Colorado Springs, Boulder, Longmont, Highlands Ranch, and area Denver metro schools will compete, as well as clubs.

The Colorado Department of Transportation will have its electric vehicle on hand to showcase the driving options of the future.

In partnership with CDOT, School of Mines students will present the Hyperloop project, highlighting the next generation in transportation.
Pikes Peak region students getting wired up for start of robotics competitions

By: Debbie Kelley  Sep 21, 2018 Updated Sep 22, 2018

If you haven’t heard, being smart at school is cool.

The proof: the increasing popularity of robotics clubs at middle schools and high schools.

“It reaches a variety of kids interested in engineering, electronics, computer programming, and it doesn’t feel intimidating to join,” said Coronado High School pre-engineering teacher Bryce McLean.

“It’s also fun, and you get to build things with your hands,” said McLean, the coach for Cougars Gone Wired, Coronado’s robotics team that’s open to all Colorado Springs School District 11 high school students.
While the season for the FIRST Robotics Competition, an international league, doesn't start until January, Coronado's team and teams from Palmer Ridge High in Monument and Manitou Springs High in Manitou Springs will compete in a match Saturday at Energy Day in Denver.

The free family festival, which runs from 11 a.m. to 4 p.m. at Denver's East High School, 1600 City Park Esplanade, will feature booths, exhibits and interactive demonstrations revolving around science, technology, engineering and math concepts.

Twelve teams from around the state are scheduled to compete in the robotics challenge.

"It'll get everyone riled up for the season," said Coronado senior Grace Schwarzenberger, this year's chief executive officer of Cougars Gone Wired.

The team, which numbers 60 students each year, also will be building relationships with other teams from around the state and looking for sponsorships, she said.

It costs $30,000 to $40,000 each year to build a robot and compete, McLean said, which students raise through corporate sponsorships and fundraisers.

"Companies realize they're going to have a shortage of employees," McLean said, "and they're willing to help sponsor us because they know we create that workforce pipeline."

During lunch break on Friday, some students in the club gathered in the pre-engineering lab, otherwise known as the mecca of big girls' and boys' toys.

There's a laser cutter, a plasma cutter, CNC milling machines, 3-D printers, a large touchscreen on the wall and other advanced tools.

Students wiped the dust off Rocky, the robot they built in six weeks starting in January. Last school year was the first in a while that the 10-year-old club didn't make it to the world level of finals, McLean said.

"We've had quite a bit of success in the past," he said, gazing at three rows of trophies lined up in the lab. "You compete, do your best, enjoy it and learn from it."

While competitions are intense, students must abide by the FIRST Robotics rules and be gracious, professional and "want to win but not all costs."
UT McClung Museum To Host Archaeology And Fossil Day Activities

Oct 27, 2018

KNOXVILLE — In celebration of International Archaeology Day and National Fossil Day, the University of Tennessee’s McClung Museum of Natural History and Culture will host “Can You Dig It?,” a free family friendly event with activities about archaeology and fossils.

The event is from 1:30 to 5 p.m. Sunday at the museum.

According to a news release, UT archaeologists, paleontologists, geologists, and graduate students will host displays about their local and global projects. They will talk with visitors about their work and offer hands-on activities. Visitors can bring artifacts, rocks and fossils to the museum for identification by experts.

The event will have activities for children including pottery making, interactive volcano displays and artifact sorting and matching.

All activities are free and open to the public. Reservations are not required.

The event is being sponsored in part by the Archaeological Institute of America, East Tennessee chapter, the Tennessee Valley Authority and UT’s School of Art and Departments of Earth and Planetary Sciences, Anthropology, Classics, Religious Studies and History.

International Archaeology Day is a project of the Archaeological Institute of America, an organization that sponsors activities about archaeological projects around the world. National Fossil Day was started by the National Park Service to encourage interest in the field of paleontology and the study of fossils, the release says.

The museum also will exhibit an augmented reality sandbox courtesy of the Tennessee Geographic Alliance. The hands-on display will be led by Kurt Butefish, coordinator of TGA.

“The Tennessee Geographic Alliance and UT’s Department of Geography are excited to participate in ‘Can You Dig It?’ because the event allows us to introduce a large number of young people and their parents to geospatial technologies and the fact that geography is one of the fastest-growing areas in terms of job creation in the high-tech sector,” Butefish said.

Children and adults are invited to try out the tool, which teaches geographic and geologic concepts using 3D visualization with sand. The AR sandbox is an integral part of TGA’s mission to advance geographic literacy in K–12 education throughout Tennessee, the release says.

UT’s McClung Museum, located at 1327 Circle Park Drive in Knoxville, is open 9 a.m.–5 p.m. Monday through Saturday and 1–5 p.m. Sunday. Parking passes are not needed on the weekends. Free public transportation to the museum is available Monday through Saturday on the Knoxville Trolley Orange Line.
Earth Science in Our Lives: photography competition winners 2018 – in pictures

The Geological Society of London has announced the results of its 2018 Earth Science Week photography competition. Entrants were asked to submit images of geological sites in the UK and Ireland that meant something in their lives. These 12 winning images will feature in a calendar and be displayed at the Geological Society during Earth Science Week 2018 (13-21 October).
FALL FOLIAGE REPORT: Foliage starting to turn as temperatures drop this weekend

By DAVE LAVENDER The Herald-Dispatch lavender@herald-dispatch.com  Oct 11, 2018

Ohio

THE FOLIAGE: Due to the warmer than normal temperatures, leaves are slowly starting their autumn color transformation, according to the Ohio Department of Natural Resources (ODNR). With cooler temperatures forecasted, those colors should soon appear statewide. “Some fall color is developing slowly in pockets around the state,” said ODNR Fall Color Forester Greg Smith. “Make sure to plan a trip out to one of our many state parks, nature preserves or forests to see the colors of the season – where there are no admission or parking fees. State parks like Burr Oak and Mohican as well as preserves like Coubles Hollow are stunning on a normal day, but when these places are draped with beautiful fall color, the experience is breathtaking.”

As we head into Earth Science Week (Oct. 14-20), the ODNR Division of Geological Survey is hosting a number of hikes and educational events throughout the state. For more information on those events and Earth Science Week, go to bit.ly/earthsienceweek18.
Indiana University of Pennsylvania’s Department Anthropology Department will hold its annual Archaeology Open House on Oct. 20 from noon to 3 p.m. It is free and open to the community.

Activities will take place on the ground floor of IUP’s McElhaney Hall and outside on the South Lawn adjacent to the building, weather permitting.

The program is designed for all ages and all knowledge levels. Events planned are prehistoric and historic artifact displays from local archaeological sites, stone tool-making demonstrations, spear throwing, and 3-D laser scanning and printing artifact replicas.

There will also be a room for children (and the young at heart), with activities including prehistoric hand-painting, wampum beading and pottery refitting.

All of the archaeology laboratories, including the faunal, botanical and geophysical labs, will be open to visitors. Complimentary archaeology-themed snacks will be provided.

Archaeology Day is a tradition of the IUP Department of Anthropology, designed for IUP students and faculty to share their knowledge and love of the past with others.

The annual open house is held during Archaeology Month and is celebrated in conjunction with International Archaeology Day, a celebration of archaeology and the thrill of discovery held every year by the Archaeological Institute of America (AIA).
Art, photography contest set for Fossil Day

By Sun Staff on Oct 2, 2018 at 5:22 p.m.

The 2018 North Dakota Art and Photography Contest for National Fossil Day is underway. Winners will have their art displayed for a year in the North Dakota Heritage Center’s Adaptation Gallery: Geologic Time. The theme is “ND Oligocene Savanna.”

Entries are due Friday, Oct. 12.

Winners will be chosen in four categories: 0-8 years, 9-13 years, 14-18 years and 18-plus. One winner from each category will have art placed on exhibit at the Heritage Center in Bismarck for a year.

Exploring Fossil Butte: Hitting the trails on National Fossil Day

The two maintained hiking trails at Fossil Butte National Monument take visitors through aspen groves and stunning views of the landscape surrounding the butte.

Saturday, Oct. 13, was National Fossil Day, and the crew at Fossil Butte National Monument celebrated with many visitors as they shared their fossil knowledge and discoveries in the visitors center outside of Kemmerer. Visitors learned how to clean and prepare a fossil once it is removed from a quarry.

But there is much to explore at Fossil Butte beyond the visitors center. The national monument offers two short, maintained hiking trails that provide explorers with an outdoor adventure the whole family can enjoy.

The Nature Trail is a 1.5-mile loop with a 300-foot gain in elevation, and the Historic Quarry Trail is a 2.5-mile loop with a 600-foot gain in elevation. Both trails are free to use and are well marked.
HASLAM PROCLAIMS OCT. 14-20 EARTH SCIENCE WEEK IN TENNESSEE

By design on October 5, 2018 - No Comment

Tennessee Gov. Bill Haslam has proclaimed Oct. 14-20 Earth Science Week in Tennessee, to promote awareness of the importance of geoscience. As part of Earth Science Week, TDEC, in partnership with the American Geosciences Institute, will distribute a limited number of Earth Science Week toolkits to science teachers across the state.

"Making educational tools available to teachers and students on the importance of the Earth Sciences is a vital way to increase environmental literacy among Tennessee students," said Tennessee Department of Environment and Conservation Commissioner Dr. Shari Meagher. "We are happy to provide these resources and support educators as they teach these important topics."

The 2018 Earth Science Week theme is "Earth as Inspiration," which will promote public understanding and stewardship of the planet, especially in terms of the ways art relates to geoscience principles and issues as diverse as energy, climate change, natural disasters, technology, industry, agriculture, recreation and the economy.

Special items in the toolkit include NASA materials on school resources and planetary exploration; National Park Service posters on caves, plants, and geology; Switch Energy Project information on energy science; and various learning activities.

Governors across the United States will join Gov. Haslam in issuing proclamations that support Earth Science Week, reaching more than 50 million people across the country and around the world. Individuals and groups will celebrate Earth Science Week by participating in events in all 50 states and several other countries.

Educators interested in receiving an Earth Science Week toolkit may contact TDEC Geologist Ron Zurawski at Ronald.Zurawski@tn.gov or (615) 532-1502. The toolkits are free of charge while supplies last. For more information about Earth Science Week, visit www.earthsiceweek.org.

HASLAM PROCLAIMS OCT. 14-20 EARTH SCIENCE WEEK IN TENNESSEE added by design on October 5, 2018
View all posts by design →

Related posts:

- Haslam proclaims October 9-15 Earth Science Week
Children


Clubs

Daughters of the American Revolution Matthew Thornton Chapter -- The First Church, 1 Lowell St., Nashua, N.H. Monthly meeting, Sat., Oct. 20, 10 a.m., Phyllis Gagnon speaks on assisting immigrants with the naturalization process; 603-882-8860.

National Active and Retired Federal Employees -- Chelmsford Bible Church, 128 Gorham St. Monthly meeting, Mon., Oct. 15, 1:30 p.m.; all members encouraged to attend; guest speaker from Blue Cross Blue Shield.

Community Service

Dracut Access Television -- 91 Mill St. Beginner Video Production Workshop, Mondays, Oct. 22 and 29, 6-8 p.m., free with a DATV membership, 978-957-5522, ron@dracuttv.org,
Bulletin Board 10/18/18

COMMUNITY

Tai Chi Chuan workshop set

OCT 18, 2018

MRHC to host archaeology fair

MARQUETTE — An Archaeology Fair is planned from noon to 3 p.m. Saturday at the Marquette Regional History Center.

International Archaeology Day is celebrated throughout the world on this day. Spend a fun afternoon learning all about archaeology through hands-on activities, demonstrations, artifacts and displays at many interactive booths throughout the entire museum.

Meet regional experts and see what is being discovered in the Upper Peninsula region.

2018 will be MRHC's sixth annual archaeology fair and this year they will feature two outdoor demonstrations. Fair included with the cost of general admission. It's a great event for families, clubs, scouts, and all ages. This is an open-house event. Allow at least an hour to enjoy if possible. Museum admission prices: adults: $7, seniors: $6, students: $3, youth 12 and under: $2.

The museum is located at 145 W. Spring St., Marquette. Call 906-226-3571 or visit marquettehistory.org for more information.
MU museum showcases women's history and archaeology for day of learning

BY MELANIE RAU  Oct 5, 2018  

Update

This story has been updated to include that the MU Museum of Anthropology also hosted MU Archaeology Day.

The MU Museum of Anthropology and the Museum of Art and Archaeology celebrated history, art, culture and women on Saturday for their Museum Archaeology Day.

Departments, organizations, galleries and museums from MU and across Missouri and over 100 members of the community gathered at Mizzou North to celebrate both the Smithsonian’s National Museum Day and International Archaeology Day.

The event featured activities for kids, including drawings of artwork for them to color. The State Historical Society of Missouri asked children to write down how they think they will make history. Their answers varied from becoming a video game designer to being a good teacher, and they received candy as a reward for writing their answers down.

The day’s theme was “Women making history!” The State Historical Society had the children find certain portraits and sculptures of women in the museum. The society also displayed a large poster describing famous Missouri women.
“Having this gallery helps to promote women and to encourage kids to learn about history, culture and musicians,” said Joan Stark, curator of art collections at the State Historical Society.

The MU Confucius Institute, which celebrates and shares Chinese culture and language, also showed up for Museum Archaeology Day. At the museum, the institute’s student interns performed folk art, had a guzheng player perform, served Chinese tea, taught children Tai Chi and offered finger painting.

“Our student interns enjoy taking part in displaying Chinese culture and celebrating women,” said Bridget Waddell, program coordinator of institute.

The museum encouraged people to wander through several different galleries, featuring Greek and Roman sculptures, art, archaeology and a historic costume and textile collection. One gallery had art from Ancient Greece, Egypt and Palestine, the Byzantine Empire and Italy, as well as African sculptures.

Some people, though, came more for the archaeology than the art. Rachel Campbell, an archaeologist with Missouri State Parks, was one of them.

Campbell said she’s always loved history, but she never knew she could make a career out of it until she got to college and discovered archaeology.

On Saturday, she told local residents about the history that can be found in state parks, and that archaeology helps piece together the past. “Every day is a mystery and a challenge as an archaeologist because people do crazy things,” she said.
Cultural Events

EverWonder Children’s Museum October Events Announced

Published: October 08, 2016 at 07:00 am

EverWonder Children’s Museum, at 31 Pecks Lane, has announced its calendar for October.

This month, the Yellow Art Lab will be filled with UFOs. Museum visitors will be invited to create their own alien UFO craft. In the Blue Science Lab, visitors will explore the different phases of the moon.

Story Lab for Young Explorers will continue to meet each Tuesday and Thursday from 10:30 to 11 am. This is a 30-minute program of STEM-themed stories, activities, and crafts. Parents must stay with their children during the program, which is included with museum admission.
Special Events

*Thursday, October 11, **National Fossil Day**: EverWonder about fossils? Museum guests on October 11 will be invited to create their own, while supplies last.

*Visit with Ranger Nate* on Fridays, October 12 and 26, from 10 am to 2 pm.

A wildlife educator from Connecticut’s Beardsley Zoo, Ranger Nate has animal furs, scat, and more exciting creature fun and information during each of this month’s drop-in programs, which are included with museum admission.

*Sunday, October 14, at 2 pm: **Minecraft and Coding**.

Ages 6 and up are invited to learn about coding with Minecraft. Space is available for 20 children, so reservations are suggested and can be done by calling 203-364-4009.

*Saturday, October 20, 10 am to 2 pm: the museum will have a table at The Great Pumpkin Races, which are taking place that day behind Edmond Town Hall.

*Saturday, October 27, from 1 to 3 pm, all ages are invited for a **Halloween Spooktacular**.

Enjoy spooky science, arts and crafts, Trick-or-Treating, and more. Those in costume will also receive $2 off admission.

*Wednesday, October 31, **Halloween** will be celebrated all day, with guests invited to explore spooky sensory bags.

The event calendar is subject to change without notice. Check [everwondermuseum.org](http://everwondermuseum.org) or the museum’s Facebook page for calendar changes and announcements. For more information, visit the website or send e-mail to [info@everwondermuseum.org](mailto:info@everwondermuseum.org).

Admission is $7 per person (free for those 12 months and under, museum members, and veterans). Parking at the museum is also free.

The museum is open Tuesday through Friday, 9 am to 4 pm; and Saturday and Sunday, 11 am to 5 pm.

Formed in January 2011 by a group of parents, EverWonder Children’s Museum (incorporated as Newtown Children’s Museum Inc) is a 501(c)(3) nonprofit organization dedicated to inspiring children and families in northern Fairfield County through the use of hands-on museum exhibits and demonstrations.
EverWonder Children’s Museum, 31 Pecks Lane, made quite the impression—a prehistoric-looking impression, that is—while celebrating National Fossil Day on October 11.

Visitors were invited to enjoy a variety of fossil-themed activities, including puzzles, coloring projects, and a create-your-own-fossil station at the front desk.

Office Manager Briana Pope helped guide each child as they made their custom fossil and provided them first with a ball of clay to flatten.

Children then selected the piece they would like to fossilize from baskets of different shells and dinosaur figurines. Each object was gently pressed into the clay and removed to reveal its imprint.

Ms. Pope showed the children pictures of what real-life fossils look like and let them examine a cluster of shell fossils.

The young paleontologists in training were encouraged to take their fossils home and paint them after the clay had a chance to dry overnight.

To learn more about upcoming events at EverWonder Children’s Museum visit everwondermuseum.org or call 203-364-4009.
Ghastly persuasion: October gives away cookies, rice pudding and candy corn for costumed stamp collectors, Lego block builders and ballerinas

By STORY AND ILLUSTRATIONS RON WOLFE SPECIAL TO THE DEMOCRAT-GAZETTE
Posted: September 26, 2018 at 4:30 a.m.

October is when ghosts flit, spiders skitter, and even zombies run -- all for this Halloween month's trick-or-treat bag of pizza, cheese dip, cupcakes, beans and cornbread, and -- YEEK! -- spinach.
IT'S IN THE BOOK

16


• FOSSIL (noun): (1) Prehistoric remains, or (2) Anyone older than you.

POPEYE NEEDS A SCRATCH — HIS BACK'S SPINACHIN'

Spinach Lovers Month, Squirrel Awareness and Appreciation Month, and be glad that squirrels don’t power up like Popeye.

Beware of the squirrel that eats spinach,
Run quick from the rat that eats beans;
Look out for raccoons;

That are all full of prunes;

It’s time to call out the Marines.

THAT'S THE GRIST OF IT

18

War Eagle Fall Craft Fair through Oct. 21 at War Eagle Mill near Rogers. Details at war eaglemill.com. Call (479) 789-5343.

THE PIROUETTING UNDEAD

19

Ballet Arkansas performance, Dracula, through Oct. 21 at University of Arkansas at Pulaski Tech Center for Humanities and Arts, North Little Rock. Details at balletarkansas.org. Call (501) 812-2367.

USE THE FORCE, LUTE

20


RO-TEL HOTEL

World Cheese Dip Championship, noon to 4 p.m. at the Clinton Presidential Center, Little Rock. Details at cheesedip.net.

APPLE FOR THE TEACHER

21

Beware Computer Learning Week. The teacher bytes.

TAKIN' IT BIG EASY

22

Take Me to the River New Orleans Live with the Dirty Dozen Brass Band and Ivan and Ian Neville, 7:30 p.m. at the University of Arkansas at Pulaski Tech, North Little Rock. Details at charts.uaptc.edu. Call (501) 812-2710.
‘Permian Monsters’ explores life before the dinosaurs

By Krista Masi / Correspondent
Updated Nov 22, 2013 at 1:46 PM

It’s such a breaking point in Earth’s history with this massive extinction,” said Catherine Carey, Florida Museum of Natural History in Gainesville.

Ever wonder what kind of life roamed the Earth way back when — like WAY back, even before the T. Rats?

About 220 million years ago, before the dinosaurs, the Permian Period saw the emergence of new creatures including reptiles which became the most prevalent land animal. There’s not much known about the period, however, and that’s because extinction was the largest in Earth’s history; only 10 percent of plants and animals survived, according to experts.

But beginning Saturday, the Florida Museum of Natural History in Gainesville will showcase what scientists do know in the exhibit “Permian Monsters: Life Before the Dinosaurs.”

“The Permian is a unique time period with very different plants and animals than what we have featured in past exhibits,” said Julia Waters, the exhibit coordinator at the Florida Museum.

On Saturday from 10 a.m. to 3 p.m., a free event for all ages will offer hands-on activities and a chance to meet paleontologists and geologists who work to uncover more about the planet’s past.

Saturday activities also will include a fossil dig. Mayflower Cellars will be serving up local, handcrafted dishes.

Since the exhibit’s launch also takes place on National Fossil Day, attendees are invited to bring in their own objects for identification with some of Florida’s fossil clubs.

“I’m most excited that it’s an area I didn’t know anything about, and it’s such a breaking point in Earth’s history with this massive extinction,” said Catherine Carey, the public programs coordinator at the museum and planner of the opening-day festivities.

The “Permian Monsters” exhibit will give visitors a chance to come face-to-face with seven life-size, anamorphic creatures from the period. Also featured will be touchable fossil casts and interactive quizzers.

People can search for fossils in four dig pits, browse through sculptures and see 12 exclusive illustrations by paleoartist Julian T. Cossentino.

“No matter your age or learning style,” said Waters, “there should be something for everyone within the exhibition.”
CNY weekend events Oct. 4-8

Oct 3, 2018  Comments

Fort Rickey Discovery Zoo will offer its annual Fall Fun Festival every weekend through Oct. 28, 2018, from 10 a.m. to 4:30 p.m.

Saturday, Oct. 6

**Vernon:** Live harness racing at Vernon Downs, 6:10 p.m.

**Rome:** International Archaeology Day at Fort Stanwix, 10 a.m. to 4 p.m.

**Rome:** Fall Fun Festival at Fort Rickey Discovery Zoo, 10 a.m. to 4:30 p.m.

**Rome:** "Dirty Rotten Scoundrels" production at the Rome Community Theater, 7:30 p.m.

**Utica:** "Adirondack Mysteries, Volume 3" book signing at the Oneida County History Center, 1-2 p.m.

**Utica:** Cayo Industrial Horror Realm, 6:30-10:30 p.m.

**Boonville:** Fall Arts Festival, 9 a.m. to 3 p.m.
Archeology Day at Fort Stanwix celebrates history

By Dispatch Staff newsroom@oneidatodaysdispatch.com @OneidaDispatch on Twitter  Oct 2, 2018  Comments

Rome, N.Y. — On Saturday, Oct. 6, Fort Stanwix National Monument will hold this year’s annual International Archaeology Day celebration.

Visitors will have the opportunity to dig into the world of archaeology to learn more about the tools they use and see some of the artifacts uncovered at the site. Between 10 a.m. and 4 p.m., hands-on activities and displays will take place at the park visitor center, located at 100 N. James St.

Archaeology Day is free and open to the public.

Archaeologists from several places around New York state will be on site to talk with visitors about the things they have found and what it is like to be an archaeologist. New this year is an artifact scavenger hunt that challenges visitors to find objects in the fort that look like the artifacts uncovered by archaeologists. A "behind the scenes" tour of the museum collection will also be offered to allow visitors entrance into restricted collection storage spaces and to see artifacts not on exhibit in the park.

Rome Historical Society will also unveil their newest exhibit, "Dig! Study! Share!" that features archaeology and encourages visitors to become archaeologists. Designed just for kids, this interactive exhibit features a dig pit full of strange objects ready to be examined and cataloged by young aspiring archaeologists. Screens, shovels, brushes and more can all be used while searching for artifacts, just like at a real archaeological dig.

"As we update the museum, we recognize the need to have 'hands-on' activities for youth as they learn and explore history," said Executive Director Arthur L. Simmons III. Rome Historical Society will open their exhibit at 10 a.m. at 200 Church St.

For more information about the event or a schedule of the day’s activities, call 315-338-7738 or visit www.nps.gov/fost. The next event at Fort Stanwix National Monument is "Mysteries, Myth & Mayhem" on Saturday, Oct. 27. All park events are free.
Caddo museum to feature fossils at Saturday event

Mary Madewell  Oct 11, 2018 Updated 22 hrs ago  0

The Valley of the Caddo Museum & Cultural Center, 1155 Bonham St. in Paris, opens its doors Saturday afternoon in celebration of National Fossil Day.
Digging into history

Kim Cox  Oct 14, 2018  0

Patiently running his fingers through the rocks, Forrest Arnold teased out some shark teeth from the pile and set them to the side of his plate, checking the shape against a card on the table to identify the kind of fossil.

“You just dig around, and you can keep whatever you can find,” said Emilee Stowell, a student helping to run the fossil “dig.” “I like seeing the different fossils and seeing what they are.”
Geology Department celebrates Earth Science Week

Janil Pyle, Contributing Writer  Oct 20, 2018  📋 0

The geology department at SFA celebrated Earth Science Week and focused on Earth being an inspiration to art with an open house Tuesday on the third floor of the Miller Science Building.

“Earth Science week is an event that is sort of conceptualized and organized by the American Geosciences Institute and they provide educational materials for people all around the country,” said Liane Stevens, assistant geology professor.

Annie Robison, geology student teaching assistant, said the theme reflects no person can make the natural beauty of earth.

“It's really finding the beauty in earth around you, Robison said. “Rocks themselves have a natural artistic value. They have this prettiness, especially minerals.”

Shadowing the theme, the event had many entertaining aspects for community members and SFA students. Along with a photo exhibit expressing art inspired by Earth, there was a guest speaker and an augmented reality sandbox.

The art exhibit “Epic Earth, The Art of Geology” was presented by Paul Brandes, geology professor at Lone Star College-Montgomery and the president of the Houston Gem and Mineral Society.
Attend International Archaeology Day and Heritage Expo Oct. 20 in Riverside

In celebration of California Archaeology Month, an International Archaeology Day and Heritage Expo will be held 10 a.m.-3 p.m. Saturday, Oct. 20, at the Hidden Valley Wildlife Area, 11401 Arlington Ave., Riverside.

The expo will feature more than 15 hands-on activity booths and exhibits where attendees can throw atlatl darts, interpret archaeological artifacts, discover ancient Egypt, experience archaeological sites in virtual reality, see stone tools being made and meet real Indiana Joneses.

At the event will be archaeologists from La Sierra University, UC Riverside, the University of Redlands, the Riverside Historical Society, Cal State San Bernardino, Cal Poly Pomona, the Wadi el-Haol Archaeological Expedition, Applied Earthworks and Statistical Research Inc.

Admission is free. There is a $5 parking fee.

International Archaeology Day events are held across the United States and around the world, coordinated by the Archaeological Institute of America. The Riverside expo is sponsored by the Archaeological Institute of America's Riverside and Inland Empire Society and the Riverside County Parks District, with support from the Friends of Hidden Valley and the Society for California Archaeology.
Guntersville Museum to celebrate Archeology Day

Staff Reports  Oct 8, 2018  0

Ben Hoksbergen, the installation archaeologist and cultural resource manager at Redstone Arsenal, demonstrates how an atlatl, a tool used to increase the range of a spear, was used. Hoksbergen will be at the Guntersville Museum Oct. 21 to help people identify any artifacts they may have.

Contributed Photo
People will have an opportunity to have any old relics or artifacts they have identified.

The Guntersville Museum will host Archeology Day Sunday, Oct. 21, from 1-4 p.m. Admission is free.

“International Archaeology Day is held every third weekend in October and is a celebration of archaeology and the thrill of discovery,” Guntersville Museum Director Julie Patton said. “Bring your own archaeology finds or collections to the Guntersville Museum on Sunday, Oct. 21, to share with other collectors and to learn more about them. This family-friendly event will give all ages a chance to get in touch with their inner Indiana Jones.”

Patton said the museum will bring in an expert to help people identify their items.

“Ben Hoksbergen, the installation archaeologist and cultural resource manager at Redstone Arsenal, will be on hand to provide information about your items,” Patton said. “He won’t provide any appraisals, but can tell you what the item is, what it was used for, how old it is, where it likely came from, and whether or not it’s authentic.

Patton said Hoksbergen keeps tabs on nearly 1,000 archaeological sites on the Arsenal to make sure these significant areas aren’t impacted by military activities. He also teaches Historical Archaeology and Cultural Resource Management at UAH and operates a small contract archaeology company on the side. He has published several articles on everything from Late Paleolindian camp sites to Civil War battlefields and has authored dozens of technical reports on work throughout the Southeast and Midwest. His specialties include lithic technologies (stone tools), prehistoric ceramics of the Tennessee Valley, the Middle Woodland Period, historical archaeology, and the cultural history of the Tennessee Valley.

The Guntersville Museum’s Native American exhibit featuring artifacts excavated locally prior to the building of the dam is still on view through Oct. 31. In addition, Native American regalia and ceremonial items are on display.

The Guntersville Museum is located at 1215 Rayburn Avenue. Hours are Tuesday through Friday from 10 a.m. to 4 p.m. and Saturday and Sunday from 1-4 p.m.
Happy International Archaeology Day!

To celebrate International Archaeology Day, please enjoy this walking tour of the monumental core of the ancient Maya site of Alabama, in the Stann Creek District of Central Belize. Watch the trowel to view your progress through the site #scraparky #archaeologyday2018

https://www.youtube.com/watch?v=VauZN1Zg2uY&feature=youtu.be
Archaeology Day – Gordon Hall, Dexter

© October 1, 2016  Seth Kiker  0 Comments

Have you ever wanted to visit an archaeological dig? You don't have to travel to exotic locales. We have plenty of history right here in Washtenaw County, and it is lying just beneath the surface of the ground, waiting to be explored. Join us at Gordon Hall in Dexter for a public Archaeology Day on Saturday October 20, International Archaeology Day. Archaeology students will share their methods and their discoveries as they perform excavations at several sites around the grounds of Gordon Hall. They will be looking for artifacts that will illuminate the lives of the people who have lived there, from the time the house was built in 1843 to the present. In addition to the dig sites, docents from the Dexter Area Historical Society (DAHS) will be on hand to answer questions about the history of Gordon Hall and its inhabitants. The students will be digging in 3 areas; the northeast corner of Gordon Hall’s service wing, the site of the stone privy (both demolished before 1950), and the area around the milk house, a small building that has survived since the early days of Gordon Hall. Anything of significance that is found will be inspected, cleaned, inventoried, and saved. "We are excited to begin this collaboration with the University of Michigan. They owned the site for over 50 years and this will be their first time back since we bought it in 2006," said Beverly Hill, President of DAHS.

The event will be on Saturday October 20 from 11:00 am to 2:00 pm, and it is free. Kids are welcome and encouraged, but must be adequately supervised. Check the website below if the weather is bad on that day. Presented by DAHS and the University of Michigan Museum of Anthropological Archaeology. Location: Gordon Hall, 8311 Island Lake Rd, Dexter, MI, directly across from Dexter Pickeney Road. For more information call 734-426-2519, or visit the DAHS websites: www.dexterhistory.org/upcoming-events or Facebook page: www.facebook.com/dexterhistory.
Bhavan Vidyalaya Junior

Indus Public School

Kharar: International Energy Day was observed at Indus Public School, Badala Road. Students apprised audience about the need to conserve energy. They promoted the idea of energy conservation to encourage use renewable sources of energy. They highlighted growing concerns about the environmental degradation. Students recited poems to show their gratitude to the Mother Earth on the occasion. TNS
McClung Museum to Host Archaeology and Fossil Day Activities

OCTOBER 22, 2018

In celebration of International Archaeology Day and National Fossil Day, UT’s McClung Museum of Natural History and Culture will host Can You Dig It?, a free family-friendly event with activities about archaeology and fossils. The event will be held from 1:30 to 5 p.m. Sunday, October 28, at the museum.

UT archaeologists, paleontologists, geologists, and graduate students will host displays about their local and global projects. They will talk with visitors about their work and offer hands-on activities. Visitors can bring artifacts, rocks, and fossils to the museum for identification by experts.

The event will have activities for children including pottery making, interactive volcano displays, and artifact sorting and matching.

All activities are free and open to the public, and reservations are not required. The event is sponsored in part by the Archaeological Institute of America, East Tennessee chapter; the Tennessee Valley Authority; and UT’s School of Art and Departments of Earth and Planetary Sciences, Anthropology, Classics, Religious Studies, and History.

International Archaeology Day is a project of the Archaeological Institute of America, an organization that sponsors activities about archaeological projects around the world. National Fossil Day was started by the National Park Service to encourage interest in the field of paleontology and the study of fossils.

The museum also will exhibit a special augmented reality sandbox courtesy of the Tennessee Geographic Alliance. This hands-on display will be led by Kurt Butefish, coordinator of TGA.

“The Tennessee Geographic Alliance and UT’s Department of Geography are excited to participate in Can You Dig It? because the event allows us to introduce a large number of young people and their parents to geospatial technologies and the fact that geography is one of the fastest-growing areas in terms of job creation in the high tech sector,” Butefish said.

Children and adults are invited to try out this exciting tool, which teaches geographic and geologic concepts using 3D visualization with real sand. The AR sandbox is an integral part of TGA’s mission to advance geographic literacy in K-12 education throughout Tennessee.

UT’s McClung Museum, located at 1327 Circle Park Drive, is open 9 a.m.–5 p.m. Monday through Saturday and 1–5 p.m. Sundays. Parking passes are not needed on the weekends. Free public transportation to the museum is available Monday through Saturday on the Knoxville Trolley Orange Line.

CONTACTS:
Leslie Chang Jantz (865-974-2144, ljantz@utk.edu)
Callie Bennett (865-974-2144, croller2@utk.edu)
The Utah Geological Survey

Earth Science Week 2018

This year’s Earth Science Week at the Utah Geological Survey welcomed 669 students for hands-on, educational fun! We learned about rocks and minerals, fossils, dinosaurs, geologic processes, and more. Thank you for another fabulous Earth Science Week – see you next year!

Special thanks to the American Geosciences Institute (AGI) and Rockhounds Outreach for Community Knowledge (ROCK) for providing educational materials for students and teachers, as well as the experts and volunteers that helped make UGS Earth Science Week a great success.
WHAT'S HAPPENING 10-18-18

ARTS & ENTERTAINMENT

Chasing 360 at the Curtis Center for the Arts
Through Oct. 27, Sept. 29, 1 p.m., Juror’s Talk: Relate to and draw comfort from as their work deviates from the original vision into what it ultimately become. From the point of view of five Colorado-based artists, Kristen Abbott, Deidre Adams, Molly Berger, Jessica Magee and Julia Rymer, Chasing 360 explores the full magnitude of the artistic and creative process. Each artist in the exhibition will share the impetus and meaning that exists in their work and how it came to be. Info: 303-708-6110.

Mixed Media Workshop with Amelia Furman
Nov. 3, 9 a.m. – 3 p.m. Amelia’s multi-layered works showcase landscapes from around the world. She works in a combination of paper collage, text and thin layers of acrylic paint. The workshop is sponsored by the Heritage Fine Arts Guild of Arapahoe County. Pre-registration for aged 18 years and older at heritage-guild.com and select Current Workshops. First Presbyterian Church, 109 W. Littleton Blvd. in Littleton.

Arapahoe Philharmonic “Symphonic Triumphs”
Nov. 3, 6:45 p.m., talk with music director Devin Patrick Hugh with concert on 7:30 p.m. Themes of despair and renewal, triumph over adversity, through works by Dmitri Shostakovich, Ludwig van Beethoven and Sarah Kirkland Snider. Fisher Auditorium on the Englewood High School Campus, 3800 S. Logan St., Englewood. Tickets $30/adults, $25 seniors and $5 for students and children. Tickets: arapahoe-phil.org or 303-781-1892. Their annual silent auction will be Nov. 3 at 6:30 p.m.

Littleton Symphony Orchestra Free Children’s Concert

EVENT

Roxborough State Park to Host International Archaeology Day
Oct. 20, 9 a.m. – 3 p.m. The free expc is designed to teach, explore and experience archaeology firsthand. The event has outgrown Roxborough State Park and is now held at Roxborough Intermediate School located at 7370 Village Circle East in Littleton. An event schedule will include info. and directions to the off-site activities. Food trucks on site from 11 a.m. – 3 p.m. Presentation with hike to view past site locations at 11 a.m. and 1 p.m. Reservations required. Sign up for “Walk and Talk” on Eventbrite.
Time Scavengers

National Fossil Day at the Florida Museum

December 21, 2016  jenebauer

Jen here –

National Fossil Day is a holiday enacted in 2010 to celebrate prehistoric life. Each year museums, institutes, and organizations plan events around understanding geology, paleontology, and Earth's history! This year, I helped plan activities for the FOSSIL project and the department of vertebrate paleontology at the Florida Museum of Natural History. The annual event has all the natural history departments and several local organizations set up as a knowledge fair. Adults and children can wander around to different tables to learn about Florida's different animals, plants, and more!

At the FOSSIL project table, we displayed real megalodon teeth, 3D printed teeth made of plastic, and digital teeth! On the myFOSSIL website you can look through a 3D gallery (click here) and move digital fossils around in your browser. We also had an app up that was developed by the iDigFossils group to estimate body size of the sharks based on their teeth! It was really fun and helped show the utility of the website!

The vertebrate paleontology table had a modern turtle shell next to ancient fossil turtle pieces! The idea was you could select a piece of shell material and try to figure out where on the turtle shell the piece was from. This was difficult with some pieces but others were very clearly the edge of the shell or contained ribs. As many of you may know, I am not a vertebrate paleontologist so I had to quickly learn as much as I could about turtles. Shout out to my friend Jeannette for teaching me how to identify turtle shell fragments the week before the event. Many of these turtle pieces were about 5 million years old and from areas around Florida! We also had a few jaws for people to look at different teeth and then play a matching game. The game had you match different animals and teeth, then we talked with the players about diet and how we can use differently shaped teeth to think about what food the animal was eating.

I helped out at the two tables inside but outside we had a dig pit and wash pit stations. So one was where you would dig through sand to find different fossils and the other was where you would use a screen to sieve through material to find smaller fossils!

We had our National Fossil Day celebrations a bit early to coincide with the opening of a new exhibit, ‘Permian Monsters’. The Permian period is incredibly interesting because it was before dinosaurs when mammals were dominant and roaming the Earth. I was asked to be on the radio to describe the differences between dinosaurs and mammals in less than 30 seconds! At first I was thinking... what the heck am I going to say to these people but then I knew: ‘The major difference between these early mammals and dinosaurs is the amount of holes in their heads.’ The radio host lost his mind and then asked me a million questions after we were off air.

This was my first National Fossil Day at a new institution and I had a lot of fun! I hope everyone got to celebrate and share their love and knowledge for fossils!
Fannin County makes ready for National Earth Science Week with fossil events

Wednesday Oct 3 | Read more: North Texas e-News

Recent record-setting rains in Fannin County have made even the smallest ditches candidates for fossil hunting. Weeklong events October 14th through October 20th will help residents get started as locals, students, visiting scientists, fossil hunters and enthusiasts gather here during National Earth Science Week.

Start the conversation, or Read more at North Texas e-News.
MARQUETTE, Mich. (WLUC) - People all over the world celebrated international Archaeology Day Saturday.

But you didn’t have to go far if you wanted to celebrate and learn about Archaeology right here in the Upper Peninsula.

The Marquette Regional History Center hosted their own Archaeology fair Saturday.

There were several activities to keep kids and adults occupied all afternoon, including a Bigfoot scavenger hunt and a Viking cooking demonstration.

Kids could poke through soil excavated from the Beaver Island archaeological site and sorted through various artifacts including bone, pottery and flint tools.

There were also various displays and presentations on the ‘Paleo-People’ that are believed to have arrived in North America up to 11 thousand years ago from the Bering Strait.

Attendees also took in displays on petroglyphs, bottle digging, in addition to various crafts and a fascinating copper culture presentation.

Museum Educator, Betsy Rutz says understanding mankind’s past is crucial to our future.

"Because our whole history, human history is found in evidence of Archaeology. So if you want to move on today and see ‘how could we do things differently?’ and ‘Why are things the way they seem to be?’ you can find those answers in Archaeology. Unlike Geology, Archaeology really talks about human history. So it’s incredibly important to all of us living today," Rutz proclaimed.

Archaeology doesn’t have to apply to ancient events either. Research continues at the former site of a WWII POW camp near Au Train (among others), where German officers and soldiers cut timber to help fill a manpower shortage during the War.

“All evidence shows that they actually had a pretty good time here. There wasn’t a whole lot of worry about escape because there wasn’t a lot of place for them to go if they ran into the woods in February in the U.P. So those POWs stayed in camp. They had warm blankets. They had warm meals and they did their lumber work. They got paid a little bit. And they got to spend that money at the canteen were they could buy cigarettes, beer and there’s evidence of soda bottles," Rutz exclaimed.

At the very least, Archaeology demonstrates our need to tread lightly. We never know what piece of history we might find under our feet.
Earth Science Interactive Displays to be Featured at KGS Open House Oct. 17

By Mike Lynch  Monday

Media Resources

CONTACT
JENNY WELLS
jenny.wells@uky.edu
859-257-5343

Share This

Latest Stories

STUDENT AND ACADEMIC LIFE
Nissan, Valvoline, Catalent Execs and MBA Alumni to Speak at UK’s Gatton College on Oct. 24

RESEARCH
UK Professor Working With Louisville Metro to Save Lives With Drone Technology

UK HAPPENINGS
Tip-off Luncheon Features Calipari, Mitchell

Kentucky Geological Survey staff demonstrate water creation for open house visitors with a stream table.
LEXINGTON, Ky. (Oct. 8, 2018) — Each October, during the national Earth Science Week observance, the Kentucky Geological Survey (KGS) at the University of Kentucky and other organizations set up displays and interactive demonstrations of a wide range of Earth science-related topics at the annual KGS open house, which is free and open to everyone. This year’s open house is 6-8 p.m. Wednesday, Oct. 17, at the UK Mining and Mineral Resources Building.

As many as 250 students of all ages, along with their parents and teachers, have visited the UK campus for this educational evening.

The event isn’t just about static displays of rocks and minerals. A crowd-pleasing outdoor volcano demonstration is set up by the UK Department of Earth and Environmental Sciences, along with a stream table to demonstrate the effects of water erosion. The Kentucky Paleontological Society shows visitors a variety of fossils, and, for the first time, the Kentucky Science Center in Louisville will participate with a series of interactive weather and climate demonstrations. Other displays will involve water quality, storm water handling, a high-power scanning electron microscope and other Earth science topics.

KGS researchers will display the Survey’s large collection of meteorites, tell visitors about useful rocks and minerals of Kentucky, and explain Kentucky’s geologic hazards, such as landslides and earthquakes. Displays of mineral and rock specimens line the first and second floors of the building, including purple fluorite crystals and multi-colored agates from Kentucky and around the world.

Visitors to the event may park free of charge in UK Parking Structure #2, next to the Mining and Mineral Resources Building. This parking garage is accessible from Hilltop Avenue. Students whose teachers offer extra credit can receive a certificate of attendance, and all visitors can sign up for educational door prizes at the event.

*UK is the University for Kentucky. At UK, we are educating more students, treating more patients with complex illnesses and conducting more research and service than at any time in our 150-year history. To read more about the UK story and how you can support continued investment in your university and the Commonwealth, go to: uky.edu/uk4ky, #uk4ky #seeblue*
Visit Nevada’s youngest volcano, geothermal power plant and other geologic wonders for Earth Science Week

College of Science’s Nevada Bureau of Mines and Geology to lead free public tour Saturday

Soda Lakes, one of the stops on the Earth Science Week field trip, is also the site of Nevada’s youngest volcanos. The Soda Lakes are two lakes located northwest of Fallon. They occupy two basaltic maar volcanoes which may have erupted in the last 1,500 years. The reflection on Soda Lake was shot by Chip Carron in the Nevada Bureau of Mines and Geology and is featured in the Bureau’s new 2019 calendar.
Some of the geologic wonders of Nevada will be celebrated as part of national Earth Science Week with a day-long field trip around northern Nevada led by geologists from the University of Nevada, Reno’s Nevada Bureau of Mines and Geology.

The free public field trip begins at 8 a.m., Sat., Oct. 13. Participants will meet at the Gold Building – the NBMG’s Great Basin Science Sample and Records Library at 2175 Raggio Parkway in Reno, and leave by 8:30 a.m. The last stop will be Soda Lakes at about 4:45 p.m. and then return to Reno.

Participants coming from Fallon, Fernley or Carson City should meet at 9:15 a.m. at the Fox Peak Gas Station (615 E. Williams Ave. in Fallon), 0.5 miles east of Main Street on Highway 50, at N. Sherman St. Someone from NBMG will be at the gas station to give a short introduction and hand out guidebooks. The tour will depart from the Fox Peak Gas Station at 9:30 a.m.

Major stops on this field trip will include the following:
• Salt Wells geothermal power plant
• Rainbow Mountain earthquake fault scarp
• “Nevada Wonderstone” rockhounding locality
• “Big Dig” flood mitigation project in Lahontan Valley
• Rattlesnake Hill, a “young” (<1 million year old) volcanic cinder cone and lava flow complex overlooking Fallon
• Soda Lake volcanoes (youngest in Nevada)

Trip leaders will be NBMG geologists Craig dePolo, Christopher Henry, James Faulds (Director), Andrew Zuza and Rachel Micander.

The Nevada Bureau of Mines and Geology, a statewide public service unit within the University's College of Science, coordinates annual geology field trips every year for the public during, or near, Earth Science Week. These field trips are fun, educational, family oriented and always free. Sign-ups are online at http://www.nbmg.unr.edu/ScienceEducation/EarthScienceWeek/index.html.

Governor Sandoval has proclaimed Oct. 14-20, 2018 as Earth Science Week in Nevada. Join the scientists Sat., Oct. 13 as they explain the geology of the Fallon area in celebration of Earth Science Week 2018 and the importance of earth sciences to the people of the state of Nevada.

NBMG has been an active participant in Earth Science Week since it began in 1988.

“Since October 1998, the American Geosciences Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth. This year’s Earth Science Week will celebrate the theme “Earth as Inspiration.” The coming year’s event will emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century” (Earth Science Week website)

The National Earth Science Week website is http://www.earthsciweek.org/.
University of Wyoming–UW News

UW in the News

August 27, 2018
State, national and international media frequently feature the University of Wyoming and members of its community in stories. Here is a summary of some of the recent articles:

The Casper Star-Tribune noted that UW will have a significant role in diversifying the state’s economy, according to Gov. Matt Mead’s long-awaited 20-year plan intended to break the “boom-and-bust” cycle that has defined Wyoming’s economy.

Mead’s plan for UW is part of the ENOW (Economically Needed Diversity Options for Wyoming) report, according to The Wyoming Tribune Eagle.

The Wyoming Tribune Eagle reported that UW is dealing with residence hall issues as more than 1,700 freshmen are expected for fall classes.

Bethanne Garramon Merkle, a UW associate research scientist in the Wyoming Cooperative Fish and Wildlife Research Unit, was interviewed for an article, titled “Scientists’ child-like drawings of the creatures they study are going viral.” Garramon Merkle offered advice in support of scientists drawing their study organisms for the article published in New Orleans’ Times-Picayune.

The Laramie Boomerang interviewed Debra Mintz, UW director of scholarships and financial aid, on why the average debt of UW graduating students dipped by 11 percent in 2017.

Among UW’s releases published on Sheridan Media’s website were: UW Department of Anthropology Professor Todd Surowel and asking for the public’s help in finding possible mammoth fossils near Douglas; and UW Master of Business Administration Program students developing leadership skills through a wilderness camping experience. Surowel also was interviewed by Wyoming Public Radio about the missing mammoth.

Wyoming Public Radio also interviewed UW economist Rob Godby about the proposed Affordable Clean Energy rule that would give states more power to regulate carbon emissions. Minnesota Public Radio also broadcast the interview.

UW doctoral student Lauren Stenton’s research was cited in a Mother Nature Network article, titled “The most mischievous animals are also the smartest.”

WyoFile published UW’s release announcing next month’s Homecoming schedule, featuring Gov. Matt Mead and first lady Carol Mead as parade grand marshals. The Rock Springs radio station also published, on its website, UW Department of Theatre and Dance’s vertical dance at Vedauwoo.

A dialogue between notable Wyoming politicians focused on working together in today’s political climate, The Wyoming Tribune Eagle reported. The panel discussion was part of the UW Haub School of Environment and Natural Resources and Rockefeller Institute’s 25th anniversary.

The Star Herald (Scottsbluff, Neb.) published an article quoting Kevin Monteth, assistant professor at UW’s Haub School of Environment and Natural Resources, about western Wyoming deer herd increases after harsh winters the last few years decimated the numbers.

The Wyoming State Geological Survey and UW’s Geological Museum are teaming up for events during Earth Science Week in October, K2 Radio reported.

Natural News quoted UW atmospheric science Professor Bart Geerts, who favored China’s efforts to generate artificial rain through the region of Tibet.

UW Assistant Professor Shane Murphy was interviewed for an Inside Climate News article detailing how wildfires this summer in North America, Europe and Siberia are affecting climate change.

K2 Radio reported that the Wyoming Cooperative Fish and Wildlife Research Unit at UW is assisting with a moose study in the Bighorn Mountains.
Earth Science Events Scheduled Oct. 13 at UW

October 10, 2018
Art competitions, a virtual reality tour and other hands-on activities are part of Earth Science Week activities Saturday, Oct. 13, at the University of Wyoming.

“Wyoming ROCKS! The Art of Our Geology” will take place from 11 a.m.-2 p.m. in the UW Geological Museum. The event is free and open to the public; refreshments will be available.

The event is co-organized with the Wyoming State Geological Survey, along with collaborations from UW’s Art Museum, Coe Student Innovation Center and the Harry C. Vaughan Planetarium.

Activities include geologic formation sand art, identifying rock types, 3-D printing, a sandbox art competition, an opportunity to view the inside of the UW Art Museum’s Ann Simpson Artmobile and a virtual reality tour in the UW Soils and Pedology Lab.

Free UW planetarium shows are scheduled at 11:30 a.m. and 1:30 p.m. The planetarium, which seats 58, is located in the basement of the Physical Sciences Building.

For more information, call Laura Vietti, UW Geological Museum and collections manager, at (307) 314-2024 or email lvietti@uwyo.edu.
An Archaeology Fair will take place Saturday, October 20, at the Marquette Regional History Center.

International Archaeology Day is celebrated throughout the world on this day. Spend a fun afternoon learning all about archaeology through hands-on activities, demonstrations, artifacts and displays at many interactive booths throughout the entire museum.

Meet regional experts and see what is being discovered in the Upper Peninsula region.

The 2018 event is the museum’s 8th annual fair. New this year: two outdoor demonstrations.

Fair attendance is included with the cost of general admission. This can be a great afternoon of fun for families, clubs, scouts, and all ages.

This is an open-house event scheduled for 12-3:00. Allow yourself an hour to enjoy the event.

Museum admission prices:
- adults: $7
- seniors: $6
- students: $3
- youth 12 and under: $2

145 N Spring Street, Marquette
906.226.3571 marquettehistory.org
VidByte

NASA | Earth Science Week: The Ocean's Green Machines
DAYTON, Ohio (WDTN) - Discover hidden treasures at SunWatch Indian Village/Archaeological Park for International Archaeology Day.
Upcoming Community Events – Week of October 9th

Earthquake Van Trip

Oct 20

Saturday, October 20, 10 AM-3 PM, meet at Big Creek Park’s Meyer Center Celebrate “Earth Science Week” on this van tour of earthquake-related sites in Geauga and Lake counties. We’ll visit some active seismographs that measure Ohio’s frequent, small earthquakes, as well as the epicenters of some notable Northeast Ohio earthquakes, including the magnitude 5.0 earthquake of January 1986. A drive to each site will include a quick explorations on foot. Participants should bring a packed lunch and dress for the weather. Pre-registration required – call Registration is required at 440-286-9516 or www.geaugaparkdistrict.org
Upcoming Community Events – Week of October 12

Family Focused

Portage Senior Citizens Opportunities
Weekdays
The Portage County Senior Center, located at 703 Oakwood St., in Ravenna has many daily opportunities for local seniors to enjoy. On any given day, you can enjoy bingo, Tai Chi, educational programs, art class, corn hole, cards & dominoes with friends, and they even have a pool table. They serve lunch daily (by reservation) and are open M-F from 9-3. If you would like more information you may call them at 330-297-3456.

Earthquake Van Trip
Oct 20
Saturday, October 20, 10 AM-3 PM, meet at Big Creek Park’s Meyer Center to celebrate “Earth Science Week” on this van tour of earthquake-related sites in Geauga and Lake counties. We’ll visit some active seismographs that measure Ohio’s frequent, small earthquakes, as well as the epicenters of some notable Northeast Ohio earthquakes, including the magnitude 5.0 earthquake of January 1986. A drive to each site will include a quick exploration on foot. Participants should bring a packed lunch and dress for the weather. Pre-registration required – call Registration is required at 440-286-9546 or www.geaugaparkdistrict.org
Discovery Park Participates in Earth Science Week
By West Kentucky Star Staff

UNION CITY - Discovery Park of America is participating in Earth Science Week 2018 from October 16th through October 20th.

The American Geosciences Institute has organized this national and international event since 1988. Its purpose is to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth.

This year’s celebration theme is “Earth as Inspiration.” The event will emphasize artistic expression as a unique, powerful opportunity for geoscience education and understanding in the 21st century.

The activities and resources at Discovery Park of America will engage young people and others in exploring the relationship between the arts and the Earth systems. The schedule of activities, classes and events at Discovery Park of America are all free for members or anyone with park admission.

The plans for the week are as follows:

Tuesday, October 16:
11:00 am – 12 pm: Magnets (Art Hallway)
3:00 – 5:00 pm: UTM Student Meteorological Society

Wednesday, October 17:
3:00 – 4:00 pm: The real Story of the Oviraptor (Dino Hall)
3:00 – 5:00 pm: Fossil digging sponsored by UTM Geology Dept. (Great Lawn)

Thursday, October 18:
3:00 – 5:00 pm: Explore stream health with the UTM Ecology Club (Children’s Garden)

Friday, October 19:
12:00 – 2:00 pm: Explore the Earth’s structure (Art Hallway)

Saturday, October 20:
1:00 am – 1:00 pm: Bring your own artifact and let archeologist Bill Lawrence identify it. You can also enjoy seeing some amazing artifacts brought by Bill Lawrence and the UTM Geology Department. (Dino Hall)
2:00 – 4:00 pm: Fossil Dig (Great Lawn) According to Andrew Gibson, most of the programs offered at Discovery Park during Earth Science Week are appropriate for an audience of all ages. “We hope that our members and guests will enjoy these unique activities and this opportunity to learn more about the planet we live on during Earth Science Week,” Gibson added.

For more information about the American Geosciences Institute, visit their website at www.earthsciweek.org/about-aww.
Families Celebrate Earth Observation Day At Eureka Science Museum

By: Star Harvey

GRAND JUNCTION, Colo.- To kick off Earth Observation Day the Eureka Science Museum teamed up with the Western Colorado Astronomy Club.

The focus of Tuesday’s event was to promote education and outreach through a solar viewing event.

A group of children and their parents had the opportunity to see how the sun impacts the earth. The activities included making pinhole viewers and telescope projections.

Western Colorado Astronomy Club Member, Robert Madsen shared his interest in earth science and what it means to pass it on to the community.

“Let me tell you, I got interested in astronomy when I was four years old and I’ve just loved it every since. I’ve read every book I could get my hands on, and so now I love to share that passion with people of all ages but especially with kids”, said Madsen. This years theme highlights “Earth as Inspiration.”

Earth science week is being celebrated in the Grand Valley until October 20th.

Local activities are free and open to the public. To find out more about Earth Science Week and specific times/locations for events visit Museum of Western Colorado.
Oct. 14-20 Earth Science Week in Tennessee

October 3, 2018

Tennessee Gov. Bill Haslam has proclaimed Oct. 14-20 Earth Science Week in Tennessee, to promote awareness of the importance of geoscience. As part of Earth Science Week, TDEC, in partnership with the American Geosciences Institute, will distribute a limited number of Earth Science Week toolkits to science teachers across the state.

"Making educational tools available to teachers and students on the importance of the Earth Sciences is a vital way to increase environmental literacy among Tennessee students," said Tennessee Department of Environment and Conservation Commissioner Dr. Shari Mehrotra. "We are happy to provide these resources and support educators as they teach these important topics."

The 2018 Earth Science Week theme is "Earth as Inspiration," which will promote public understanding and stewardship of the planet, especially in terms of the ways art relates to geoscience principles and issues as diverse as energy, climate change, natural disasters, technology, industry, agriculture, recreation and the economy.

Special items in the toolkit include NASA materials on school resources and planetary exploration; National Park Service posters on caves, plants, and geology; Switch Energy Project information on energy science; and various learning activities.

Governors across the United States will join Gov. Haslam in issuing proclamations that support Earth Science Week, reaching more than 50 million people across the country and around the world. Individuals and groups will celebrate Earth Science Week by participating in events in all 50 states and several other countries.

Educators interested in receiving an Earth Science Week toolkit may contact TDEC Geologist Ron Zurawski at Ronald.Zurawski@tn.gov or (615) 532-1502. The toolkits are free of charge while supplies last. For more information about Earth Science Week, visit www.earthisciweek.org.
Dinosaur bones on display Oct. 17 at Winona State for National Fossil Day

Oct 16, 2018  0

In celebration of National Fossil Day, Winona State University will host a display of dinosaur bones from 12:30 to 4 p.m. Wednesday, Oct. 17, in the Science Lab Center Atrium.

Visitors will be able to touch real dinosaur bones, investigate what paleontologists can learn from fossil teeth, and learn about ancient ecosystems. They can also see fossils being prepared in the fossil prep lab.

Among the fossils on display this year will be dinosaur bones discovered by WSU students and faculty as part of the work being conducted by the WSU Geoscience Department in conjunction with Hell Creek Fossils, a company owned and operated by WSU alumni Adam Schroeder and Jim Reed. Part of the company’s mission is to provide research opportunities to undergraduate students interested in paleontology, paleoecology and dinosaurs.

National Fossil Day was established by the National Park Service in 2010 to promote public awareness and stewardship of fossils, as well as to foster a greater appreciation of their scientific and educational values. This nationwide celebration includes over 270 partners, including museums, universities, institutions, organizations and other groups joining together to celebrate fossils.

For more information, contact Dr. W. Lee Beatty at wbeatty@winona.edu.
Haslam proclaims Oct. 14-20 Earth Science Week in Tennessee

As part of Earth Science Week, the Tennessee Department of Environment and Conservation, in partnership with the American Geosciences Institute, will distribute a limited number of Earth Science Week tool kits to science teachers across the state.

"Making educational tools available to teachers and students on the importance of the Earth Sciences is a vital way to increase environmental literacy among Tennessee students," said Tennessee Department of Environment and Conservation Commissioner Dr. Shari Meghebian. "We are happy to provide these resources and support educators as they teach these important topics."

The 2018 Earth Science Week theme is "Earth as inspiration," which will promote public understanding and stewardship of the planet, especially in terms of the ways art relates to geoscience principles and issues as diverse as energy, climate change, natural disasters, technology, industry, agriculture, recreation and the economy.

Special items in the toolkit include NASA materials on school resources and planetary exploration; National Park Service posters on caves, plants, and geology; Switch Energy Project information on energy science; and various learning activities. Governors across the United States will join Gov. Haslam in issuing proclamations that support Earth Science Week.
Earth Science.mp3
Earth Science: Crash Course History of Science #20
Earth Science: Crash Course History of Science #20.mp3
Play  Download

What is Earth Science?
What is Earth Science?.mp3
Play  Download

The History of Earth - How Our Planet Formed - Full Documentary HD
The History of Earth - How Our Planet Formed - Full Documentary HD.mp3
Play  Download

Everything You Need to Know About Planet Earth
Everything You Need to Know About Planet Earth.mp3
Play  Download

100 Greatest discoveries Earth science
100 Greatest discoveries Earth science.mp3
Play  Download
CEO of Etihad ESCO Ali Al Jassim statement on World Energy Day & WETEX 2018

"Ahead of the World Energy Day, which falls on October 22 every year, and the upcoming Water, Energy, Technology, and Environment Exhibition (WETEX 2018) in Dubai, TAQATI has compiled a list of simple measures that can be easily incorporated into our everyday lives to reduce energy consumption.

Press Release

“ Ahead of the World Energy Day, which falls on October 22 every year, and the upcoming Water, Energy, Technology, and Environment Exhibition (WETEX 2018) in Dubai, TAQATI has compiled a list of simple measures that can be easily incorporated into our everyday lives to reduce energy consumption. The adoption of at least few of these ideas, over time, will have a positive impact on sustainability and the overall health of our planet.”

TAQATI, established by the Dubai Supreme Council of Energy (DSCE) under Etihad ESCO, a wholly-owned DEWA subsidiary, remains steadfast in its commitment to reduce energy demand by spreading awareness on energy consumption and encouraging the people of Dubai to become energy conscious.

-Ends-

For more information, please contact:
Orient Planet PR & Marketing Communications
National Fossil Day  up to 65% off

Looking to dig up a great deal? In honor of National Fossil Day, we've rounded up dino-mite tees, books and more — all designed to please even the pickiest paleontologist-to-be.

The Mountain | Black Lightning T-Rex Tee - Toddler & Kids
The Mountain | Red Rex College Tee - Toddler & Kids
The Mountain | Blue Brachiosaurus Tee - Kids
The Mountain | Dark Blue Charging Triceratops Tee - Kids
The Mountain | Green T-Rex Roar Tee - Toddler
Green Dino Hooded Top & Pants - Infant
The Mountain | Gray Dinosaur Skull Tee - Toddler & Kids
The Mountain | Olow Face T-Rex Tee - Toddler & Kids