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WYSH Radio
Youth Hub Africa

Press Releases

American Geosciences Institute



4220 King Street Alexandria, VA 22302 P: (703) 379-2480 F: (703) 379-7563

www.americangeosciences.org @AGI_Updates

FOR IMMEDIATE RELEASE January 3, 2017 Contact: Geoff Camphire gac@americangeosciences.org

Earth Science Week 2017 Theme Announced: 'Earth and Human Activity'

Alexandria, VA -- The American Geosciences Institute (AGI) is pleased to announce that the theme of Earth Science Week 2017 is "Earth and Human Activity." This year's event, the 20th annual Earth Science Week celebration, promotes awareness of what geoscience tells us about human interaction with the planet's natural systems and processes.

Earth Science Week 2017 learning resources and activities are engaging young people and others in exploring the relationship between human activity and the geosphere (earth), hydrosphere (water), atmosphere (air), and biosphere (life). This year's theme promotes public understanding and stewardship the planet, especially in terms of the ways people affect and are affected by these Earth systems.

"Human activity has a huge impact on Earth, and the possibilities open to humanity are, in turn, shaped by Earth's natural processes," says Geoff Camphire, AGI's Manager of Outreach. "The geosciences are essential for understanding how we can make the most of opportunities and manage challenges offered in areas such as energy, technology, climate change, the environment, natural disasters, industry, agriculture, recreation, and tourism."

To mark the occasion of the 20th annual Earth Science Week, AGI and key program partners are launching a slate of new initiatives, materials, and other offerings for participants throughout the year. Details will be announced in the coming months.

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.

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

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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. Earth Science Week 2017 will be celebrated October 8-14. To learn more, please visit www.earthsciweek.org. To order your Toolkits, please visit www.earthsciweek.org/materials. You may also call AGI Publications to place your order at 703-379-2480.

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The American Geosciences Institute is a nonprofit federation of geoscientific and professional associations that represents more than 250,000 geologists, geophysicists and other earth scientists. 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.



4220 King Street Alexandria, VA 22302 P: (703) 379-2480 F: (703) 379-7563

www.americangeosciences.org @AGI_Updates

Contact: Geoff Camphire awards@americangeosciences.org

FOR IMMEDIATE RELEASE February 21, 2017

M.J. Tykoski to Receive the Edward C. Roy, Jr. Award for Excellence in K-8 Earth Science Teaching

Alexandria, VA - M.J. Tykoski, an eighth grade teacher at Cooper Junior High School in Wylie, Texas, has been named the 2017 recipient of the Edward C. Roy, Jr. Award for Excellence in K-8 Earth Science Teaching. Tykoski earned her Master's degree in Educational Leadership from Grand Canyon University in Phoenix, Arizona. She is a member of several professional organizations, including the Texas Earth Science Teachers Association, and is the recipient of numerous grants and awards. She was a finalist for last year's award.

"Ms. Tykoski has proven - through her teaching and her professional engagement outside the classroom - to be a champion for science educators and a strong defender of Earth science curriculum," said Allyson Anderson Book, Executive Director of the American Geosciences Institute. "We are delighted to present her and her school with this award."

The award will be given in April to Tykoski at the National Earth Science Teachers Association (NESTA) Friends of Earth Science Reception during the National Science Teachers Association 2017 National Conference in Los Angeles. This year's finalists were Troy J. Simpson of Glenn Raymond School in Watseka, Illinois, and Chad Pavlekovich of Salisbury Middle School in Salisbury, Maryland.

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.awards.com/www.awards/roy.

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Earth Science Week 2017 Contests Announced

Earth Science Week 2017 Contests Announced Geoff Camphire (gac@americangeosciences.org) 3/29/2017

Alexandria, VA - In celebration of Earth Science Week 2017, the American Geosciences Institute (AGI) is sponsoring four contests honoring this year's theme, "Earth and Human Activity." This year's competition will feature contests in photography, visual arts, essay writing, and video production.

Students, geoscientists, and the general public are invited to participate in this year's photography contest, "Earth and Human Activity Here." Entries must be composed of original, unpublished material, and show ways people affect, or are affected by, Earth systems in their local communities.

This year's visual arts contest, "People and the Planet," is open to students in grades K-5. Can you create a picture that shows how human activities shape, and are shaped by, Earth systems? Use artwork to show "people and the planet" in the world that you know.

Students in grades 6 through 9 may participate in the essay contest. This year's essays must address the idea of "Human Interaction With Earth Systems." Focusing on one area of human life, explain how geoscience helps us to make the most of opportunities and manage challenges.

Finally, AGI invites educators and their students to enter the "Earth Connections" video contest. Individuals or teams will submit a brief, original video that tells viewers how people affect Earth systems, or how Earth systems affect people, in your part of the world.

Selected winners will be awarded for their submissions. For guidelines and details, please visit http://www.earthsciweek.org/contests.

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AGI represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.



Earth Science Week 2017 Photo Contest Boosts Education

Earth Science Week 2017 Photo Contest Boosts Education Geoff Camphire (gac@americangeosciences.org) 4/19/2017

Alexandria, VA - The American Geosciences Institute (AGI) once again is sponsoring a photo contest in celebration of Earth Science Week. What's more, the contest, which honors this year's event theme of "Earth and Human Activity," features a new twist.

Students, geoscientists, and the general public are invited to submit entries for this year's photography contest, titled "Earth and Human Activity Here." Entries should show ways people affect, or are affected by, Earth systems in their local communities.

New to this year's photo contest, AGI and Earth Science Week present the "Earth and Human Activity Here" Photo Map, now online at http://www.earthsciweek.org/content/earth-and-human-activity-here-photo-map. Select entries will be featured on the map, linked to the location of origin.

"We hope this innovation will serve as a powerful educational resource, fueling discussions in classrooms and other settings," says AGI Outreach Manager Geoff Camphire. "As entries pour in throughout the year, we will continue populating the map with examples of ways that people interact with Earth systems where they live. Program participants, students, and teachers are invited to visit the website and view the wide variety of forms these interactions take."

Selected winners will be awarded for their submissions. For guidelines and details, including how to submit your photos and what information should be included with your submissions, please visit http://www.earthsciweek.org/contests.

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'Earth Connections' Contest Invites Videos

'Earth Connections' Contest Invites Videos Celia Thomas (cthomas@americangeosciences.org) 4/21/2017

Leading up to Earth Science Week 2017, the American Geosciences Institute (AGI) invites you to enter its new "Earth Connections" contest. Submit a 30- to 90-second original video that tells viewers about how people have an impact on Earth systems, or how Earth systems have an impact on people, in your part of the world.

Earth Science Week 2017 (October 8-14) is engaging young people and others in exploring the relationship between human activity and Earth systems, including the geosphere (earth), hydrosphere (water), atmosphere (air), and biosphere (life). This year's celebration promotes public understanding and stewardship of the planet, especially in terms of the ways people affect and are affected by these Earth systems.

"We see such interactions in energy, technology, climate change, the environment, natural disasters, industry, agriculture, recreation, tourism, and other areas," says Edward C. Robeck, AGI's Director of Education and Outreach. "Tell us how you see people interacting with Earth systems to make the most of opportunities and manage challenges."

The contest is open to individuals or teams of interested persons of any age in any part of the world. All eligible submissions must be received electronically by 5 p.m. ET, Friday, October 13, 2017. Winners will be announced following Earth Science Week, AGI's international public awareness campaign to promote the geosciences. The winner will receive a prize of \$300 and a copy of AGI's Geoscience Handbook.

To learn more, see the official contest website at http://www.earthsciweek.org/earth-connections.

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Earth Science Week 2017 Toolkits - Order Today!

FOR IMMEDIATE RELEASE Geoff Camphire (gac@americangeosciences.org) July 13, 2017

ALEXANDRIA, Va. — The American Geosciences Institute (AGI) is now accepting advance orders for the Earth Science Week 2017 Toolkit. The Toolkit contains educational materials for all ages that correspond to this year's event theme, "Earth and Human Activity."

Materials include the traditional program poster and school-year activity calendar, as well as posters, activities, a game, and other resources from distinguished program partners. This year's Toolkit provides students with the opportunity to learn what geoscience tells us about human interaction with the planet's natural systems and processes.

Earth Science Week (October 8-14, 2017) is an annual event that has been led by AGI along with its sponsors and the greater geoscience community since 1998. To mark the occasion of the 20th annual Earth Science Week, AGI and key program partners are offering many new materials, tools, and other resources for participants.

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; the AAPG Foundation; NASA; the National Park Service; AmericaView; the American Geophysical Union; the Geological Society of America; the Association of American State Geologists; the Society for Mining, Metallurgy & Exploration; Howard Hughes Medical Institute; the Archaeological Institute of America; and others.

Under a new pricing structure, 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 2017. For ordering, special shipping, bulk orders, and more information, visit www.earthsciweek.org/materials or phone AGI Publications at (703) 379-2480.

About the American Geosciences Institute

The American Geosciences Institute is a nonprofit federation of geoscientific and professional associations that represents more than 250,000 geologists, geophysicists and other earth scientists. 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.

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

To order your Earth Science Week Toolkits, please contact:

Geoff Camphire, Outreach Programs Manager gac@americangeosciences.org (703) 379-2480, ext. 216



Webcast on Earth Science Week Contests Now Available

FOR IMMEDIATE RELEASE Geoff Camphire (gac@americangeosciences.org) August 23, 2017

ALEXANDRIA, Va. — A new webcast from the American Geosciences Institute (AGI) outlines four contests that are being conducted as part of Earth Science Week, the annual worldwide celebration of the geosciences.

This free webcast focuses on Earth Science Week 2017 (October 8-14), which celebrates the theme "Earth and Human Activity." It also provides an overview of the related photography, visual arts, essay, and video contests. The webcast includes an interactive feature allowing the viewer to click on the presentation to view more detailed guidelines. The roughly five-minute tutorial also includes information on the contest guidelines, requirements, and prizes.

Contests range from the traditional Earth Science Week visual arts contest, open to students in grades K-5, to the essay contest, which is open to those in grades 6-9. Further, opportunities open to all ages include the video contest as well as our photography contest. New to Earth Science Week's photography contest is the "Earth and Human Activity Here" photo map, which serves to explore the many ways that humans connect with Earth systems. Watch the "Contests of Earth Science Week 2017" webcast online now to learn how you can take part.

Additional webcasts describing how to get involved in Earth Science Week 2017, the Earth Science Week Focus Days, and AGI's geoscience teacher award applications are available at www.earthsciweek.org/webcasts.

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

To order your Toolkits, please visit www.earthsciweek.org/materials. You may also call AGI Publications to place your order at 703-379-2480.

About the American Geosciences Institute

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



Watch New Webcast on Earth Science Week 2017

FOR IMMEDIATE RELEASE Geoff Camphire (gac@americangeosciences.org) October 9, 2017

ALEXANDRIA, Va. - Where can you find out about educational resources, events, and opportunities available through Earth Science Week, the annual worldwide celebration of the geosciences? Start by going online to view a new webcast titled "Get Involved: Earth Science Week 2017"!

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 8-minute webcast focuses on Earth Science Week 2017 (October 8-14), which celebrates the theme "Earth and Human Activity." To view the webcast, visit http://www.earthsciweek.org/webcasts. In addition, see webcasts describing the Earth Science Week contests, special "focus days" during the week, and AGI's geoscience teacher award competition.

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.earthsciweek.org. To order your Earth Science Week Toolkits, see www.earthsciweek.org/materials. You may also call AGI Publications to place your order at 703-379-2480.



Earth Science Week Celebrates 'Science Friday'

FOR IMMEDIATE RELEASE Geoff Camphire (gac@americangeosciences.org) October 9, 2017

ALEXANDRIA, Va. - Earth Science Week 2017 is making some noise about geoscience with the help of National Public Radio's popular call-in talk show, Science Friday (https://www.sciencefriday.com/).

Award-winning host Ira Flatow this month kicks off a Science Friday Science Club that invites listeners and geoscience enthusiasts to share their favorite rocks online in a "virtual rock collection" Neat Rock Challenge (
https://www.sciencefriday.com/educational-resources/scifri-science-club-...).

Throughout October, AGI geoscientists and other experts will chat with people from across the country who share their #neatrock, delve into the rock's story, and learn about the amazing world of geoscience. The Science Club will connect participants with informative articles, scientific expertise, and a webinar on ways that students and educators can explore their rock collections together.

Geoscience enthusiasts of all ages are invited to listen to Science Friday on NPR and take part in the Science Club online. To learn more, visit Science Friday's Science Club (https://apps.sciencefriday.com/scienceclub/).

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Celebrate National Fossil Day on October 11, 2017

FOR IMMEDIATE RELEASE Geoff Camphire (gac@americangeosciences.org) October 10, 2017

ALEXANDRIA, Va. — What's old is new again! Join in celebration of the 8th annual National Fossil Day on Wednesday, October 11, 2017. National Fossil Day is organized by the National Park Service as part of AGI's Earth Science Week to promote public awareness and stewardship of fossils, with the goal of inspiring the next generation of paleontologists and fossil enthusiasts.

On National Fossil Day, scientists and park rangers will share fossil discoveries at special events nationwide and explain the importance of preserving fossils for future generations. National Fossil Day resources and activities celebrate the scientific and educational value of fossils, paleontology, and the importance of preserving fossils for future generations. Look for fossil-themed activities and materials in the Earth Science Week 2017 Toolkit (see below).

In honor of the holiday, AGI will participate in events to be held from 10 a.m. to 2 p.m. Wednesday, October 11, 2017, on the National Mall in Washington, D.C. The program, free and open to the public, will include a "Fossil Photo Booth" hosted by AGI—see yourself in paleo history! To learn more about National Fossil Day, please see http://nature.nps.gov/geology/nationalfossilday.

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Earth Science Week Geologic Map Day: Celebrate October 13!

FOR IMMEDIATE RELEASE Geoff Camphire (gac@americangeosciences.org) October 11, 2017

ALEXANDRIA, Va. — Celebrate the sixth annual Geologic Map Day! On October 13, as a part of the Earth Science Week 2017 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.earthsciweek.org/materials). Showing how geologic maps can be used to understand topics such as karst and sinkholes, the
poster also provides step-by-step instructions for a related classroom activity. Additional resources for learning about geologic
maps can be found on the Geologic Map Day web page (www.earthsciweek.org/geologicmap).

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, NASA, and Esri. Focusing on the theme of "Earth and Human Activity," Earth Science Week 2017 is being celebrated October 8-14.

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



'Citywide Celebrations' Give Earth Science Week 2017 a Local Focus

FOR IMMEDIATE RELEASE Geoff Camphire (gac@americangeosciences.org) October 16, 2017

ALEXANDRIA, Va. — How does your town celebrate Earth Science Week? The American Geosciences Institute (AGI) was pleased to support city-specific celebrations of its annual geoscience awareness campaign, Earth Science Week, which took place October 8-14, 2017. Major American cities such as Houston, Denver, and Washington, D.C., served as major centers of public awareness activities.

In all these cities, AGI collaborated with geoscience organizations and public schools to extend and deepen the reach of the successful Earth Science Week campaign with special events, educational materials, online resources, and activities in schools and other settings.

To support these "Citywide Celebrations," AGI donated hundreds of Earth Science Week Toolkits to schools and educators in Houston, Denver, and D.C. Each kit contained dozens of study guides, posters, disks, and other resources for Earth science education, which were used to inspire activities in the classroom. Many materials focused on the theme of "Earth and Human Activity."

In addition, AGI has launched the official Citywide Celebrations website to provide educators, students, and families with links to additional educational resources as well as other offerings in participating cities. In the future, why not partner with local geoscience organizations to launch a Citywide Celebration in your area? For more information on Earth Science Week Citywide Celebrations, visit the website www.earthsciweek.org/citywidecelebrations.

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Earth Science Week Contest Winners Announced

FOR IMMEDIATE RELEASE Geoff Camphire (gac@americangeosciences.org) November 20, 2017

ALEXANDRIA, Va. — David De Costa of Alexandria, Virginia, won first place in the visual arts contest with a creative and colorful drawing of earth, water, air, and living things. Finalists were Ian Lee, Vinuth Sumanasiri, Daniel Chia, and Pranavi Chatrathi. Students in grades K-5 made two-dimensional artworks illustrating the theme "People and the Planet."

Roxie Khalili of Foster City, California, won first place in the photo contest with an image of human-built infrastructure surrounding the lagoon and its inhabitants. Finalists were Taylor Russon, Andrew DePriest, Jill Holz, and Harrison Cho. Submissions illustrated the theme "Earth and Human Activity Here."

Tracy Peucker of Virginia Beach, Virginia, won first place in the essay contest with a paper on "The Effect of Geosciences on Landslide Prevention." Finalists were Ellie Kain-Kuzinewski, Hannah Shin, Madeline Marous, and Ryder Robins. Students in grades 6-9 wrote essays of up to 300 words addressing this year's theme, "Human Interaction With Earth Systems."

Sophie Schneider won first place in the video contest with her video on "Our Beautiful Earth." Finalists were Tahtinen's Firsties and Kolby Noble. Individuals and teams created brief, original videos that tell viewers how people affect Earth systems, or how Earth systems affect people, through "Earth Connections" 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 copy of *The Geoscience Handbook*, published by the American Geosciences Institute. Entries submitted by winners and finalists are posted online at http://www.earthsciweek.org/contests/2017.

About Earth Science Week

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.earthsciweek.org. To order Toolkits, please visit www.earthsciweek.org/materials. You may also call AGI Publications to place your order at 703-379-2480.

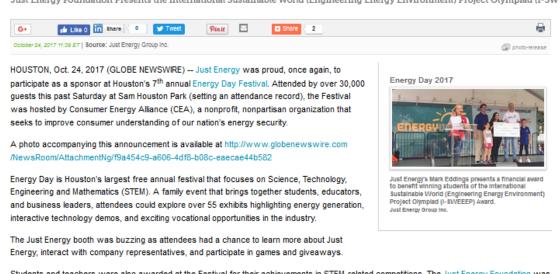
Globe News Wire





Just Energy a Proud Sponsor of Houston's Energy Day 2017

Just Energy Foundation Presents the International Sustainable World (Engineering Energy Environment) Project Olympiad (I-SWEEEP) Award



Students and teachers were also awarded at the Festival for their achievements in STEM-related competitions. The Just Energy Foundation was pleased to present a financial reward to the winning students of the International Sustainable World (Engineering Energy Environment) Project Olympiad (I-SWEEEP) Award at a special on-site ceremony. Presented by Mark Eddings, Just Energy's Senior VP and Regional General Manager, US South (pictured), the reward recognizes the students' STEM achievements.

"As a leading North American energy management solutions provider and specialist in sustainable options, we're thrilled to be a part of this educational and fun-filled event in our own backyard," says Deb Merril, Just Energy's Co-CEO. "Innovation and rapid technological transformation is the way of the future, and the hub of innovation lies in STEM. By encouraging this area of focus for youth, we are nurturing next generation architects and groundbreakers that can bring unique perspectives for new ideas and problem solving in everything from economics, to energy, to the environment".

L-SWEEEP draws hundreds of the brightest STEM-focused students in the world together each year to compete in a fun and collaborative environment.

About Just Energy Group Inc.:

Established in 1997, Just Energy (NYSE:JE) (TSX:JE) is a leading retail energy provider specializing in electricity and natural gas commodities, energy efficiency solutions, and renewable energy options. With offices located across the United States, Canada, the United Kingdom, Ireland and Germany, Just Energy serves approximately 1.5 million residential and commercial customers providing homes and businesses with a broad range of energy solutions that deliver comfort, convenience and control. Just Energy Group Inc. is the parent company of Amigo Energy, Green Star Energy, Hudson Energy, Tara Energy and terrapass. Visit justenergygroup.com to learn more. Also, find us on Facebook and follow us on Twitter.



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MARSHALL UNIVERSITY

10/09/2017 | Press release | Distributed by Public on 10/09/2017 15:18

Earth Science Bowl Competition To Be Held Oct. 17

Marshall University will host an Earth Science Bowl competition at 7 p.m. Tuesday, Oct. 17, as part of National Earth Science Week. High school and college students are invited to participate in the contest, which will be in Room 276 of the Science Building on Marshall's Huntington campus.

There will be three levels of competition: High school students, college students who are not geology majors, and college students who are geology majors. A high school may enter one or more teams to represent it. Marshall University departments can enter one or more teams, or college students can form teams independently. College students from other schools are also welcome. Contestants must register as teams of three.

Teams will compete in 30 Earth Science topics, which may include rocks, plate tectonics, the atmosphere, the ocean, groundwater, climate change, the moon, planets and the solar system, and others. First-place teams will win trophies and three \$50 gift certificates. Second-place teams will win medals and three \$25 gift certificates.

Students may use any high school or college-level textbook on Earth Science as a study resource. The Earth Science Bowl is sponsored by Marshall University's Department of Geology and College of Science.

Teams are encouraged to register online at http://blt.ly/2fLPyOA. Teams can also register on site from 6 to 6:45 p.m. on the day of the competition.

For more information, contact Dr. Ron Martino, professor and chair of the Department of Geology, by phone at 304-696-2715 or by e-mail at martinor@marshall.edu.

Public.

NEWS

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BAYLOR UNIVERSITY

10/10/2017 | Press release | Distributed by Public on 10/10/2017 16:24

Department Of Geosciences Will Partner With Mayborn Museum For Earth Science Symposium

Media Contact: Terry_Goodrich, 254-710-3321

Follow Baylor Media Communications on Twitter: @BaylorUMedia

WACO, Texas (Oct. 10, 2017) - The Mayborn Museum Complex is celebrating the 20th annual Earth Science Week in collaboration with Baylor University's department of geosciences, through Oct. 13, 2017. The museum is hosting daily activities where visitors have the opportunity to engage with Baylor geosciences professors while exploring resources and activities related to a specific focus within earth sciences.

One of the highlights of this week is the Earth Science Symposium, which is designed to educate visitors about research on past, present and future implications of climate change. The symposium, 'Climate Change: Earth's Past, Present and Future,' will be held from 10:30 a.m. to 3 p.m. Thursday, Oct. 12, at the Mayborn Museum Complex, 1300 S. University Parks Drive. It will include lectures and a panel discussion by Baylor professors and leading colleagues in the field.

'The geosciences are critical for understanding the natural world around us and how we can address challenges and opportunities in areas such as climate change, natural disasters, mineral and energy resources, biological evolution, agriculture and outdoor recreation,' said Dan Peppe, Ph.D., associate professor and director of the graduate program in Baylor University's department of geosciences, in a press release from Mayborn Museum.

'The activities at the Mayborn during Earth Science Week will be great opportunities to celebrate and discover more about the geosciences,' he said.

Kerry Cook, Ph.D., from the University of Texas at Austin, will present 'The Science of Global Warming' from 10:30 to 11:15 a.m. Sarah Feakins, Ph.D., from University of Southern California will present 'Wax impressions of past warm climates' from 11:15 a.m. to 12:30 p.m.

The symposium will conclude with a panel discussion on climate change from 2 to 4 p.m., moderated by Peppe.

For more information about Earth Science Week, visit the Mayborn Museum website.

by Joy Moton , student newswriter, (254) 710-6805

ABOUT BAYLOR UNIVERSITY

Baylor University is a private Christian University and a nationally ranked research institution. The University provides a vibrant campus community for more than 16,000 students by blending interdisciplinary research with an international reputation for educational excellence and a faculty commitment to teaching and scholarship. Chartered in 1845 by the Republic of Texas through the efforts of Baptist pioneers, Baylor is the oldest continually operating University in Texas. Located in Waco, Baylor welcomes students from all 50 states and more than 80 countries to study a broad range of degrees among its 12 nationally recognized academic divisions.

ABOUT MAYBORN MUSEUM COMPLEX

Located on the Baylor University campus, the Mayborn Museum Complex features a natural science and cultural history museum focusing on Central Texas with walk-in dioramas, including one on the Waco Mammoth Site, and exploration stations for geology, paleontology, archaeology, and natural history. In addition, 17 themed discovery rooms encourage hands-on learning for all ages.

Looking for more news from Baylor University?

The University of Tennessee, Knoxville



e Story Topics

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o Discuss Race and Siddiqi Lecture 24

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ing Student Earns nference Award

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McClung Museum to Host Archaeology Day Activities

OCTOBER 9, 2017



In celebration of International Archaeology Day and National Fossil Day, the McClung Museum of Natural History and Culture, UT, and the Archaeological Institute of America's East Tennessee Society will host Can You Dig It?, a free and family friendly event with activities about archaeology and fossils. The event will be held from 1:30 to 5 p.m. Sunday, October 15, 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 also can bring artifacts, rocks, and fossils to the museum for identification by experts.

The event also will have activities for children, including make-and-take Roman-style shield decorating, writing names in Egyptian hieroglyphs, creating clay fossil molds, and matching animal bones.

Wyoming State Geological Survey



NEWS RELEASE: Wyoming Geological Survey Offering Complimentary Earth Science Week Toolkits

Wyoming State Geological Survey sent this bulletin at 09/13/2017 09:10 AM MDT Wyoming State Geological Survey

September 13, 2017

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

Media Contact: Christina George (307) 766-2286 x231 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 high science classrooms across Wyoming in celebration of the 20th annual Earth Science Week Oct. 8-14.

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

Each toolkit contains material to help prepare for Earth Science Week and teach earth science 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 Earth science and LandSat Images
- . National Park Service posters on glaciers, fossils and clean air
- . Geologic Map Day poster dealing with karst and sinkholes
- . Mineral Education Coalition's "What's in My Toothpaste" game
- Association of American Geographers GeoMentors flyer
- Bureau of Land Management dinosaur coloring page
- CZO-sponsored "The Earth Scientist" newsletter
- AmericaView board game using satellite imagery
- . Soil Science Society of America magnetic bookmark
- . Howard Hughes Medical Institute posters on the biosphere
- . UNAVCO Tectonic Motions of Alaska poster
- Switch Energy Project Information on video resources
- National Wildlife Federation Eco-Schools USA postcard
- Material on GSA's EarthCache in Education program
- · Natural Resources Conservation Service Information on soils
- . CLEAN, AIPG, IRIS, NCKRI, Flyover Country Information
- . Brochures, bookmarks, fact sheets, postcards and more

The 2017 Earth Science Week theme is "Earth and Human Activity," which AGI says promotes awareness of what geoscience tells us about human interaction with the planet's natural systems and processes.

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 website and on the AGI website.

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NEWS

Presenting the past and present

TOPICS: Archaeology Hisotry International Archaeology Day Marquette Regional History Center Mtu NMU

ABOUT

CONTACT



POSTED BY: CHELSEA DICKENS OCTOBER 18, 2017

MARQUETTE — Past and present will all come together for Saturday's International Archaeology Day and you can celebrate locally at the Marquette Regional History Center.



Hands—on activities, projects, booths, and actual artifacts will be open to every one of all ages to explore and learn more about what makes this day so important. You'll also learn how to take care of artifacts should you find them.

"In general you can work to preserve your Upper Peninsula. If you find artifacts there are methods to make sure you are protecting the area. If you are on public land or private land you need to respect those rules and laws and really respect the artifacts if you are finding things," said Betsy Rutz, Museum Educator.

This will be the museum's fifth annual archaeology fair and will be from noon to three P.M. Tickets for the fair will also cover admission to the rest of the museum.

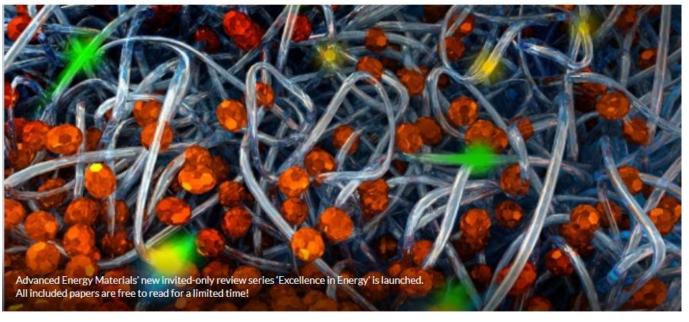
Advanced Science News

ADVANCED SCIENCE NEWS

VIDEOS

Excellence in Energy: Special Energy Review Series Begins





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■ EMAIL

It is our pleasure to announce the launch of a new series of invited-only review articles from Advanced Energy Materials' most prominent authors – 'Excellence in Energy'.

This series, being launched on World Energy Day 2017, highlights the work of the most recognized experts in their fields, who have contributed greatly to the success of the journal since its initial 2011 publication (2016 Impact Factor of 16.721).

A virtual issue collecting these review articles can be found on the journal website, and will be updated regularly as new contributions are published. All articles in the series are freely available for a limited time.

The title of this series, 'Excellence in Energy', reflects the dedication to high quality that you, our authors and our readers, have come to expect from this key forum for energy-related research.

Keep an eye out for the Excellence in Energy logo on upcoming review articles, or bookmark the page to stay up-to-date with the latest advances in the series.

From the editorial office, we wish you happy reading!



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October 22nd, World Energy Day, Renewable energy capacity has increased by more than any other technology and clean energy has never been in higher demand

Visit http://www.aristoteles.energy for further information

-Today less than 80% of the world's energy comes from fossil fuels, with China (32%) followed by the US (19%), the UK (10%), Japan (6%) and Germany (5%) as the leading investors of renewable energy -New capacity for renewable energies increased to a record 138.5 GW in 2016, accounting for 55.3% of all the GW of new power generation added worldwide last year -EnerTech company Kaiserwetter reports digitalization is the key to achieving sustainable energy for all by using the possibilities of Internet of Things (IoT) and smart data analytics

10/18/17, 09:07 AM | Solar & Wind, Other Energy Topics

October 18th, 2017 - In observance of World Energy Day on 22nd October, Kaiserwetter, the international service provider for the management of renewable energy assets, applauds the global progress in sustainable energy. However, digitilization of the energy sector is the only way to meet the objectives of the World Energy Day to achieve safe and sustainable energy for all.

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BOLSTERS SUPPLY
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NEW VP HIRES

JinkoSolar Breaks Multiple World Records of Silicon Solar Cell and Module Technology



DOWNLOAD NOW Clean energy is growing across the world

Since the 1990s, the clean energy sector as a whole has continued to grow year on year, a positive trend which contrasts with other energy sources like coal and nuclear in the electricity sector. Over the last year, renewable energy contributed to 19.3% of global energy demands and 24.5% of electricity production worldwide. China is the greatest investor of renewable energy, accounting for 32% of total investment worldwide, followed by the United States (19%), the United Kingdom (10%), Japan (6%) and Germany (5%).

In fact, new capacity for renewable electricity increased to a record 138.5 GW in 2016, accounting for 55.3% of all the GW of new power generation added worldwide last year. This makes 2016 the year with the highest clean energy output on record. Most importantly, this new capacity was delivered at a much lower cost: the 8% increase in new capacity over the previous year required 23% less investment.

Lufft

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Yingli Solar's PANDA Bifacial Solar Module

What did You Miss When You Bought Your Solar System? How to Assure You Save For Your Systems Life Time However, despite this progress Kaiserwetter calls on the global investment community, as more needs to be done to fulfil the the objectives of the World Energy Day to achieve safe and sustainable energy for all.

Digitalization unlocks capital for renewable energy investments
Digitalization enables investors in the energy sector to maximize the
return on investment and to minimize the risk of their renewable
energy investments. Kaiserwetter has shown the potential of
digitalization with the launch of its digital platform ARISTOTELES,
which helps investors and financing institutions to secure their
investments from an executive level perspective. It is the first digital
solution on the market that integrates the possibilities of Internet
and Things (loT), big data mining and smart data analytics by
combining technical with financial data.

Hanno Schoklitsch, CEO of Kaiserwetter, comments: "Kaiserwetter celebrates World Energy Day and the impressive steps made in sustainable energy worldwide. However, the global transformation towards renewable energies can only be achieved with the help of digitalization and the Internet of Things (IoT). Investments in renewable energies, while using the IoT and smart data analytics, offer unexpected opportunities of boosting the expansion of renewable energies on a global scale."

About Kaiserwetter Energy Asset Management GmbH Founded in 2012, Kaiserwetter is an independent and international service provider dedicated to the management of renewable energy assets focusing on digitalization.

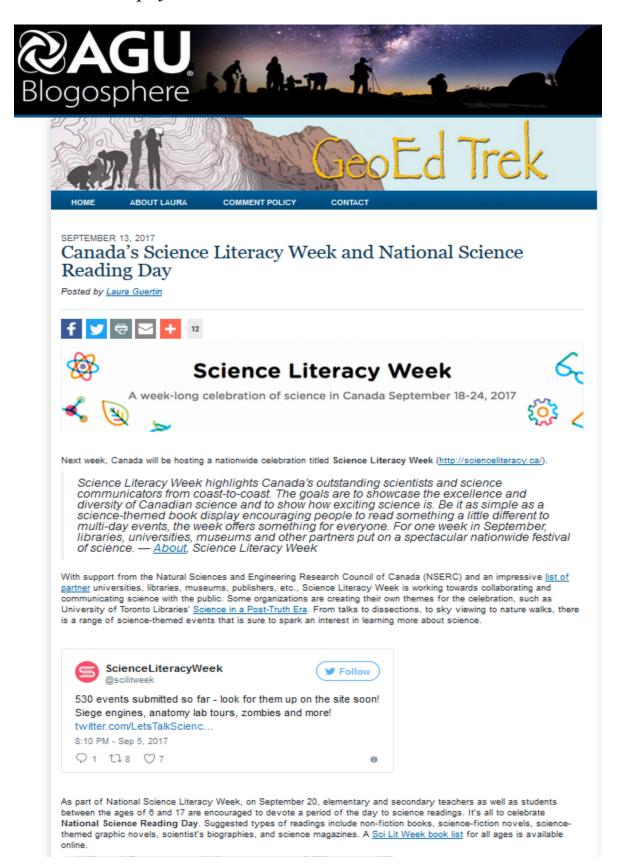
Its range of services combines traditional, technical and commercial asset management with the digital integration of all processes and data. "ARISTOTELES", the innovative digital platform aggregates and correlates technical and especially all financial data with the goal of

permanently maximizing energy production and minimizing investment risks. By applying these digital innovations investors and the financing capital shall be convinced forcing its investment in renewable energies.

The company offers its specialized services to investment funds, private equity investors, family offices and financing institutions. These digital services have allowed the company to position itself as a pioneer in a young market of Enertec companies.

Kaiserwetter manages wind and solar plants with a total output of 498 MW on behalf of third parties in four European countries. The internationally-focused company currently employs 50 people at its offices in Hamburg, Madrid, Copenhagen and New York.

American Geophysical Union



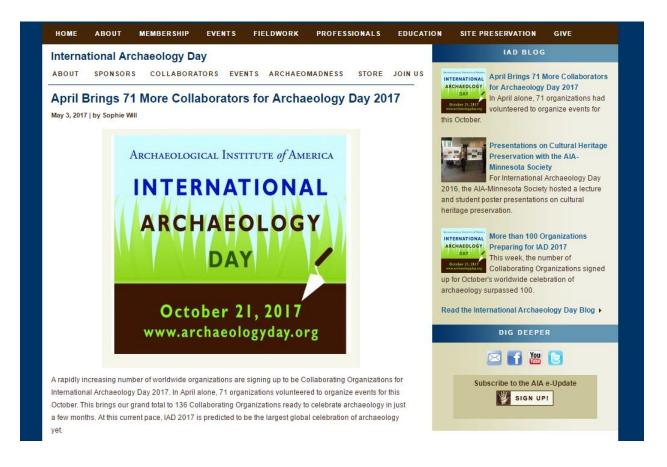


Canada is not the only nation that has a week dedicated to science. <u>Australia</u> has a National Science Week that takes place in August. India's Science Week culminates in National Science Day, and the United Kingdom has a National Science & Engineering Week. Norway, South Africa, and China also have national celebrations focusing on science. The National Science Foundation used to host a week-long National Science & Technology Week (NSTW) in the United States from 1985 through 1999 – unfortunately, I could not find a clear explanation online as to why that ended or what may have taken its place.

I love the idea of both a Science Literacy Week and a National Science Reading Day. It would be great to see the United States host a similar national celebration (beyond our science fairs/festivals, and beyond the <u>USA Science & Engineering Festival</u> that takes place only in Washington DC). I could see nationwide efforts hosted/organized by our professional scientific societies, universities, libraries, etc., all during the same week. There's no reason we couldn't keep National Chemistry Week, Earth Science Week, and the other focused day/week/month celebrations. But are we really helping everyone understand science by keeping our discipline science celebrations siloed from one another, and by hosting large science gatherings only in DC or in major cities (such as the successful <u>Philadelphia Science Festival</u>)? The grand challenges we're facing in science – climate change, energy, water, food security – are all interdisciplinary topics that require interdisciplinary solutions. Why not have an interdisciplinary science celebration, too?

I think all of us agree that science literacy is not only important but is needed, now more than ever, for everyone of all ages. A national celebration of science should be inclusive and accessible to all people at all locations. Best wishes, Canada, for a successful Science Literacy Week!

Archaeological Institute of America



International Archaeology Day

ABOUT SPONSORS COLLABORATORS EVENTS ARCHAEOMADNESS STORE JOINUS

University of Puget Sound Holds International Archaeology Day Symposium

February 10, 2017 | by



Symposium on Indigenous Archaeology in the Tahoma Room, University of Puget Sound. (Courtesy of Jonathan Monk)

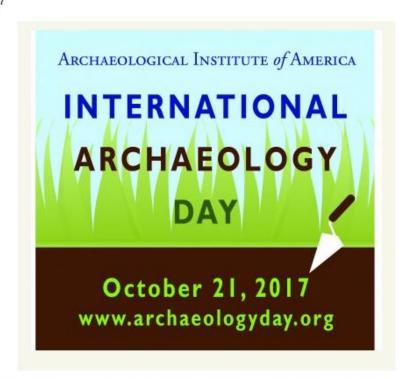
The University of Puget Sound Department of Classics, in conjunction with the Center for Intercultural and Civic Engagement and the Office of Diversity and Inclusion, organized an afternoon-long symposium on the practices of indigenous archaeology and broader decolonizing perspectives in education for International Archaeology Day. This symposium was organized in honor of both International Archaeology Day on October 15th and Indigenous Peoples Day on October 10th. The first half of the afternoon featured local archaeologists and museum curators discussing collaborative and community-based endeavors in archaeology, while the second part featured a panel discussion of University of Puget Sound educators and students on incorporating decolonizing perspectives into educational practices. The afternoon was filled with thoughtful and passionate discussions on how archaeology, through its intersection with indigenous histories, values, and rights, could be a springboard for broader perspectives on socially just teaching and research.

International Archaeology Day

ABOUT SPONSORS COLLABORATORS EVENTS ARCHAEOMADNESS STORE JOIN US

More than 100 Organizations Preparing for IAD 2017

April 19, 2017



This week, with six months to go until the big event, the number of Collaborating Organizations signed up for October's worldwide celebration of archaeology surpassed 100. Participating organizations thus far span four continents and include many returning collaborators as well as a few new ones. Collaborating Organizations plan local programs about archaeology in their communities for the month of October. Many of the events will occur on International Archaeology Day (October 21), but celebrations occur throughout the month. Participating organizations range from community libraries, local historical commissions, and regional archaeology associations, to universities, museums, and national parks.

In 2016 700 International Archaeology Day events were hosted by over 500 Collaborating Organizations in at least two dozen countries. Based on the number of early sign ups, International Archaeology Day is expected to experience significant growth in 2017.

See the current list of Collaborating Organizations.

To learn how your group can become a Collaborating Organization, visit our info page.

Find International Archaeology Day events in your area.

Events

LECTURES FAIRS INTERNATIONAL ARCHAEOLOGY DAY CONFERENCES FIND AN EVENT

Celebrate International Archaeology Day at VMNH

Sponsored by Virginia Museum of Natural History

Saturday, October 14, 2017 - 12:00pm to 5:00pm

Location:

Virginia Museum of Natural History 21 Starling Avenue Martinsville, VA 24112 United States

Website:

http://www.vmnh.net

International Archaeology Day at the Virginia Museum of Natural History

In celebration of International Archaeology Day on Saturday, October 14, the Virginia Museum of Natural History will have special children's activities from 12:30 to 2:30 p.m. in the Harvest Foundation Hall of Ancient Life, with behind-the-scenes tour opportunities for visitors beginning at noon, 1 p.m., 2 p.m., and 3 p.m. Learn about the museum's fascinating archaeology research and collections while getting a glimpse at what goes on behind-the-scenes in the labs and collections areas.

Regular museum admission rates apply, with VMNH Members receiving free admission as always. Not yet a Member? Stop by the Box Office or join online at https://www.vmnh.net/membership/new.

We look forward to seeing you on International Archaeology Day!

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Ryan Barber

ryan.barber@vmnh.virginia.gov

276-634-4163

AIA Societies

ABOUT JOIN THE AIA FIND A SOCIETY EVENTS RESOURCES SUPPORT

AIA-Jacksonville Develops Series of Multi-Media Presentations

May 5, 2017 | by Sophie Will



FLORIDA-The AIA-Jacksonville Society is developing a series of presentations about their society using multimedia materials across the city of Jacksonville.

The series has been presented four times already, with plans for it to continue traveling around the city. The Society is particularly targeting the interested retirement community and educational programs in Jacksonville.

"We expect that spreading the knowledge of our organization via these presentations will generate greater attendance at our lectures and at our International Archaeology Day fairs as well as an increase in membership," the AIA-Jacksonville Society wrote.

The different venues so far include the presentation at the Jacksonville Gem and Mineral Show in September, as well as presentations at both the Active and Retired Federal Employees Association and the Cypress Village Continuing Care Retirement Community in April. The Society also held a presentation on International Archaeology Day 2016. About 225 people total so far have attended the series.

Events

LECTURES FAIRS INTERNATIONAL ARCHAEOLOGY DAY CONFERENCES FIND AN EVENT

ARCE-PA International Archaeology Day October Lecture: "Of Scribes and Stables: Recent Discoveries in a New Kingdom Cemetery at South Abydos"

Sponsored by American Research Center in Egypt, Pennsylvania Chapter (ARCE-PA)

Saturday, October 21, 2017 - 3:30pm

Location:

Anthro Room 345, Penn Museum 3260 South Street Philadelphia, PA 19104 United States

Website:

http://www.arce-pa.org

ARCE-PA October Lecture:

Dr. Kevin M. Cahail

Curatorial Assistant, Egyptian Section, Penn Museum

Lecturer, History Department, Penn State Abington Campus

Of Scribes and Stables:

Recent Discoveries in a New Kingdom Cemetery at South Abydos

Penn Museum, Anthro Room 345

3:30pm

For more info, please contact: info@arce-pa.org

Please visit our website: www.arce-pa.org

Facebook: https://www.facebook.com/ARCEPA

Twitter: @ARCE_PApres

*ARCE-PA lecture entrance fees are separate from the Penn Museum's admission fee. ARCE-PA does not sell tickets for the monthly lectures. All entry fees will be taken at the door of the lecture venue at the ARCE-PA table (unless otherwise stated).

* Entrance fees for most lectures are \$10 for the general public, \$7 for Penn Museum members and UPenn Staff & Faculty, \$5 for Students with ID, and FREE for ARCE-PA members and children under 12 (unless otherwise stated).



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FIND AN EVENT

International Archaeology Day in Mohelnice

Sponsored by Museum of Mohelnice and Museum of Šumperk

Friday, October 20, 2017 - 9:00am to Saturday, October 21, 2017 - 4:00pm

Location:

Muzeum Mohelnice Kostelní nám. 938/3 Mohelnice 78985 Czechia

Website:

http://www.muzeum-sumperk.cz/domains/muzeum-sumperk.cz/index.php/cs/nase-muzea/m...

To celebrate the INternational Archaeology Day Museum of Šumperk have prepared two days programme for schools, families, kids and adults. Come and experience living in prehistory.

Saces of Museum of Mohelnice will be ready for baking bread trials, flint stone cutting or crop grinding or stone tool working. Our archaeologist will guide you several times through the exposition "Prehistory of the Mohelnice Region".

→ Contact Information •

Barbora Tomešová

barbora.tomesova@muzeum-sumperk.cz



Archaeological Institute of America

Excavate •

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FAIRS INTERNATIONAL ARCHAEOLOGY DAY CONFERENCES FIND AN EVENT

Family Fun with Mummies

Sponsored by Idaho Museum of Natural Hsitory

Saturday, October 21, 2017 - 9:00am

Location:

Idaho Museum of Natural History 698 E Dillon St Pocatello, ID 83201 United States

Website:

http://imnh.isu.edu

Let's make a mummy! October 21st is International Archaeology Day and the Idaho Museum of Natural History is celebrating by turning your doll into a mummy. We will be exploring Ancient Egypt and the methods of mummification. We ask those who will be attending to bring in your doll, of any kind, to make into a fun Halloween decoration.

This is a family, friendly event in our Discovery room.

If you wish to attend the gallery admission does apply. Admission: Adult (18+) - \$7, Senior (60+) - \$5, Youth (4-17) - \$3, ISU Student* - \$2, Child 3 & Under - Free, Museum Member - Free, Active Military* - 20% Off, Veteran* - 20% Off *With Valid ID

Parking is free on Saturdays.

Contact Information –

Amber M Tews

tewsamb2@isu.edu

208-282-3168

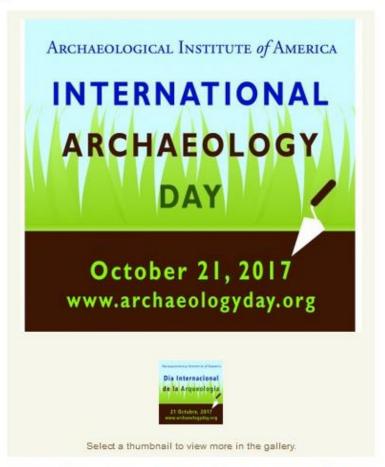


International Archaeology Day

ABOUT SPONSORS COLLABORATORS EVENTS ARCHAEOMADNESS STORE JOIN US

IAD 2017 Celebrated with 900 Events around the World

October 23, 2017



Over two dozen countries from Peru to Pakistan organized 900 International Archaeology Day events in October 2017 to share the wonder and excitement of archaeology with their communities. The International Archaeology Day interactive map and calendar had especially high concentrations of events in the Czechia, the Netherlands (which held its own Nationale Archaeologiedagen, or National Archaeology Day, October 13-15), and the United States.

Want to learn how to say International Archaeology Day in a few languages? Start with these:

Czech: Mezinárodní den archeologie Slovenian: Mednarodni dan arheologije Spanish: Día Internacional de la Arqueología

If you missed International Archaeology Day last weekend, remember that events take place throughout the month, so you might still be able to **find an event in your area** this week. And it is never too early to start planning for next year! Next year's main event will take place on October 20, 2018.

Arkansas Matters





Earth Science Week with Museum of Discovery

By: Neale Zeringue

Posted: Oct 18, 2017 12:39 PM CDT

Updated: Oct 18, 2017 12:39 PM CDT





Earth science week last through Saturday. This year's theme is "earth and human activity". Thomas with the museum of discovery was here to do live demonstration that teaches us a little bit about wildfires.

Museum of Discovery Program Director Thomas Lipham was on set to do a fire tornado demo. Our role in making and extinguishing fires is very important. That is easy to understand when you larger fires like the ones being fought in California.

The Museum of Discovery has plenty of regular earth science programming, and if you want to see more of the Museum of Discovery, you can find them this week at the state fair and of course at their home base in Little Rock.

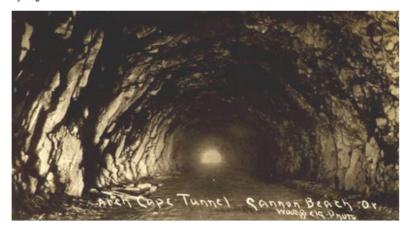
Bahrain News Agency



Beach Connection

N. Oregon Coast Events Look to Future of Cannon Beach, Ancient Egypt

Published 09/15/2017 at 4:37 PM PDT By Oregon Coast Beach Connection staff



(Cannon Beach, Oregon) – History and progress take the front seat on the north Oregon coast, just as the area around Cannon Beach begins some changes. Two events in the area spotlight the past in one way or another – with one going back thousands of years. (Above: the building of the Arch Cape Tunnel in the '30s).

The Arch Cape Tunnel on the north Oregon coast will be undergoing some sizable construction soon, but first ODOT plans a celebration of the landmark's next moves forward. On Monday, September 25, there will be an open house at the Arch Cape Fire Station showing off the Arch Cape Tunnel Lighting Replacement Project.

The open house is held from 4 to 6 p.m. The Arch Cape Fire Station is on U.S. 101 in Arch Cape, about four miles south of Cannon Beach.

At the open house, the public will have the opportunity to learn more about the project which is scheduled for construction this winter. Oregon Department of Transportation staff will be available to talk about the project and answer questions.

The project will replace the entire tunnel lighting system within the tunnel including the lights, wiring, support systems and anchoes attached to the structure. The tunnel was opened in 1937 and lighting was last replaced in 1998.

There will be no complete closures of the tunnel during construction. One lane of traffic will remain open during construction with flaggers controlling two-way traffic. There will be no weekend lane closures.

For more information about the open house, contact Senior Project Leader Mike Schroeder at 503-325-7222 or michael.k.schroeder@odot.state.or.us.

The Cannon Beach History Center and Museum just announced the first installment of its lecture series, beginning Saturday, October 21. On that day, Egypt comes to the north Oregon coast.

The center partners with the Archaeology Institute of America for International Archaeology Day. To celebrate, the museum will have a pop-up exhibit on the history of archaeology in Egypt. Dr. Sarah Sterling will end the day with a presentation on her work and research on pyramids in Egypt.

The time for the lecture is still to be announced.

International Archaeology Day is a worldwide event that has nearly two hundred historical societies, schools, and museums participating. The purpose of this event is to bring archaeology and history to communities throughout the world.

This will be the Cannon Beach History Center & Museum's third year participating. Dr. Sterling is an assistant professor at Portland State University. Sterling has overseen excavations around the world and spent many years at digs in Egypt. She will talk about her time and work there.

Where to stay for this event - Where to eat - Map and Virtual Tour

Before It's News



Got a News Sto Tip? Something Public Needs to



2017 Earth Science Week photography competition – the results!

Tuesday, October 10, 2017 9:51













(Before It's News)

We're thrilled to announce the results of the 2017 Earth Science Week photography competition, 'Our Restless Earth.'

The twelve winners, which will feature in our 2018 calendar, are currently on display at Burlington House. Chosen from over 130 entries, they feature geology from across the UK and Ireland - from limestone weathering in Gower to the dramatic landscape of the Giant's Causeway.

Earth Science Week 2017 is taking place this week across the UK and Ireland - find out what events are happening near you!

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Story Views Now: 1 2 Last Hour: Last 24 Hours: 2

17

Earth Science Week 2017

Thursday, November 30, 2017 11:09













Total:

(Before It's News)

This year's Earth Science Week featured a huge range of events from all across the UK & Ireland - not to mention participation from our Hong Kong Regional Group, as well as organisations in India and the Democratic Republic of Congo.

RELATED



Trump's Straight Talk at **UN Comes From Values**



Hillary Clinton Gets an Award and Tears Are Shed 5209 views

Daily.Online

Initiated by the American Geosciences Institute, Earth Science Week is a global celebration of the geology around us. The Geological Society has been coordinating the UK and Ireland's participation in the week since 2011, and Australia, Canada and an increasing number of European countries also get involved.

This year saw around 60 events in the UK and Ireland, ranging from craft workshops to geowalks, exhibitions, talks and quiz nights. Our theme was 'Our Restless Earth', in celebration of 50 years of plate tectonic theory.

You can see the full list of events on our website - here are just a few of the highlights...

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- Skynet

Daily.Online

You can see the full list of events on our website - here are just a few of the highlights...

Dynamic Earth in Edinburgh held 'Earth Explored' drop in activities, and a 'Volcano Day' of hands on activities!

Earth Science Week at Dynamic Earth, Edinburgh

The Rising Ape Collective held an interactive quiz night on a theme of eruptions. Eight intrepid teams entered the Mt Risuvius Volcano Observatory, "with the goal of securing a lucrative imaginary contract to take it over. Their task? To defend the nearby town from a fiery doom, through the tried-and-tested disciplines of disaster planning and pub quiz."

Read more about the event on the Rising Ape Collective blog!

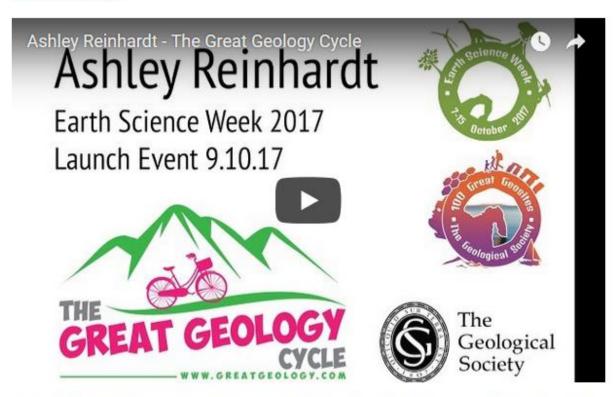


Scotland's Geoheritage Festival, a month long celebration of Scottish geology, took place throughout October, anchored around Earth Science Week. The month included walks, excursions, talks and activity days, involving a huge variety of organisations, as well as the launch of '51 best places to see Scotland's geology' - a guide to some of the best places to see Scotland's geological story.

Find out more about the festival here!

At the Society, we held a **launch event** at which we announced the winners of the 2017 Earth Science Week photography competition. We were also thrilled to hear from geologist Ashley Reinhardt, recently returned from a trip around the UK and Ireland visiting all of our 100 Great Geosites! You can view Ashley's talk below, or on our YouTube channel...

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- The 2017 **Sidmouth Science Festival** ran from 3-15 October. With a theme of 'Science in our Lives', the festival featured a huge range of events and activities. Geological highlights included Fossil Friday at the Sidmouth Museum, and a 'Geology Bonanza' day find out more on the festival website, and you can view images from the week on Flickr.
- The <u>Dublin Rediscovery Centre</u> held a workshop for 3rd class school students and their teachers, about the composition of the Earth and plate tectonics.

Students at the Dublin Rediscovery Centre as part of Earth Science Week

These are just a few of the huge number of brilliant events which took place across the UK and Ireland - visit our website to see the full list! huge thanks to everyone who organised or attended! If you have any images you'd like to share, please send them to sarah.day@geolsoc.org.uk.

Next year's dates will be 13 - 21 October - stay tuned for more info...!

Berks Community Television - Community Media for Berks County and Reading, Pa.

0

"A Celebration of International Archaeology Day" 3rd Saturday Program at Morlatton Village



The Historic Preservation Trust of Berks County



Posted: Thursday, September 28, 2017 6:29 am

by Historic Preservation Trust of Berks County |

■ 0 comments

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Saturday, October 21, 2017 • 10am

The Historic Preservation Trust of Berks County (HPTBC) invites you to join us for our October 3rd Saturday Program. These site-wide programs are offered April-October and include various formats and topics such as exhibits, demonstrations, interactive sessions, and oral and graphic presentations. Tours of Morlatton Village will be offered when applicable. Program begins at the White Horse Inn. Suggested donation \$2/person. All proceeds benefit the Trust.

Join the Chapter 21 volunteer archaeologists as they present their latest findings at the Mouns Jones House Root Cellar. Recent discoveries include the original stone-arched entryway, massive stone steps, and the herring-bone patterned early brick floor. Longtime Trust volunteer Larry Ward will also be on hand to answer questions and give visitors a tour around the Mouns Jones House and other buildings in Morlatton Village.

The HPTBC is a non-profit organization that acquires, preserves, and maintains historically and architecturally significant properties in Berks County, Pennsylvania and educates Berks County and its' visitors about the role these sites played in Pennsylvania and American history. The Trust seeks to foster community involvement and support in promoting awareness and appreciation of historic structures and encouraging their adaptive reuse. The Trust currently owns and maintains eight historically significant buildings

in the greater Reading/Berks County area. Our office is located in the White Horse Inn on Old Philadelphia Pike in Douglassville. If you are interested in donating to the Trust please call 610-385-4762 or visit www.historicpreservationtrust.org.

Boulder Daily Camera



CU Boulder museum unearths 'trilobite' snacks on National Fossil Day

By Ana Lewett

For the Camer

POSTED: 10/11/2017 05:25:44 PM MDT | UPDATED: 11 DAYS AGO



A stand offering bites of chocolate fondue and facts about ancient trilobites stood in honor of National Fossil Day outside the University of Colorado Museum of Natural History on Wednesday.

Passersby were able to design their own trilobite cookie, piece together a trilobite puzzle, create trilobite magnets and mold their own trilobite to keep at the event organized by the CU museum.

"We chose to feature the trilobite so we could do something fun like cookies, but also so people can learn about an interesting animal that had a lot of variation in their body form and were incredibly successful: they lived for over 250 million years," said Cathy Regan, the education coordinator at the CU museum.

Killian Shiflett, 4, prepares to make a replica of a trilobite on National Fossil Day at the University of Colorado Museum of Natural History. For more photos and a video, go to Analysan and CHE Grassmick (Shift Photography).

The trilobite was the first organism to have eyes on our Earth. Their primitive eyeballs were made from the same shell material their bodies were composed of, according to Carl Simpson, a new invertebrate paleontologist and museum curator at CU.

The chocolate fondue stand proved itself an effective method to bring people in and learn about trilobites on National Fossil Day. Cookies, which you could dip in the chocolate, were supplied with sugar beads to represent the invertebrates' eyeballs.

The National Fossil Day event was one of many educational events tailored toward families throughout the school year.



"We came here a lot last winter. There are such great family activities. We particularly like it on school days with our two young ones," said Christina Gardner, a Boulder mother. "They don't get tired of it. Our daughter absolutely loves the crafts and any take-home thing."

Coming up Oct. 21 will be the first Family Day of the semester, with this month's theme being archeology. Students and volunteers will guide activities for families to learn about the realm of ancient survival techniques through archeology.

"Our goal is to have families learn together. To hear parents say 'Oh wow, I didn't know that'

helps children motivate to learn more," Regan said.

Daily Camera

ENTERTAINMENT



8 things to do in Boulder County today, Oct. 11, 2017

POSTED: 10/11/2017 01:00:00 AM MDT | UPDATED: 11 DAYS AGO

When pages of a worn sonata manuscript come into the hands of Meta Taverner, a young musicologist, it appears to be the undiscovered composition of a master. But there is no indication of who the composer might be. Leaving New York behind, Meta sets out on a search to locate the remaining movements of the sonata, even as it becomes clear that she isn't the only one after the music's secrets. "The Prague Sonata" evokes the ways in which love and sacrifice become part of the celebratory symphony of life, 7:30 p.m., Boulder Book Store, 1107 Pearl St., Boulder; \$5; 303-447-2074.

ART

Lucas Farlow Inspired Acrylic Paintings Farlow puts his emotions, hopes, and memories onto canvas. His fine art paintings are inspired by modern, everyday life — both busy cities and quiet natural settings. His paintings will hopefully immerse the viewer



(Courtesy Photo)

into these scenes, 9 a.m., Ace Self Storage, 4635 Broadway, Boulder; free; 303-444-7870.

FILM Annual Gathering in honor of Chief Niwot - "What Was Ours"



The cultures of Native Americans in the United States and indigenous peoples around the world are vitally expressive and deeply tied to the natural landscape, as well as vulnerable to ongoing exploitation by others. Join us for a series of powerful presentations and interactive discussions about issues in cultural appropriation, representation, and revitalization. Join us for a free screening of the powerful documentary "What Was Ours,' 6p.m., Boulder Public Library, 1001 Arapahoe Ave, Boulder; eventbrite.com/e/annual-gathering-in-honor-of-chief-niwot-what-was-ours-screening-tickets-37078864883?aff=ebapi.

Breaking Belize News

Institute of Archaeology goes on Tour for Archaeology Week

Tags ▼ Categories ▼





Posted: Friday, October 13, 2017. 4:41 p.m. CST.



By Zoila Palma: The Institute of Archaeology in Orange Walk and San Pedro will go on a tour to celebrate International Archaeology Day.

The National Institute of Culture and History (NICH) through the Institute of Archaeology under the guidance of Dr. Allan Moore, Associate Director of the Institute, will be touring with a lecture series to Orange Walk Town on the 17th and 18th to talk about the origins of the Maya.

The presenters, Antonio Beardall, Josue Ramos and Paul Smith will be looking back in time, using photographs, video clips and the fossilized remains of a giant sloth.

The presentation will also give emphasis to specific aspects of a few of the sites in the Orange Walk district such as Lamanai, Quello and Kalkabish.

The team will then visit San Pedro Town, on the 19th and 20th October.

These presentations will focus on the Maya use of the island as a trading zone, especially highlighting the dynamism of the Marco Gonzales Site.

A visit to Marco Gonzales will be coordinated on the Saturday the 21st (Archaeological Day).

All the presentations are focusing on educating the public about archaeology in their respective areas. This knowledge will be coupled with the goal of increasing the desire to preserve and protect our own cultural heritage underlining not only for their historical importance, but also because they are living spaces for wildlife.

While there is great interest in sharing the information throughout the nation during the Archaeological Week, the team is unable to tour the entire country of Belize in only one week.

Arrangements are currently being made to share the region-specific information in Stann Creek and Cayo districts in the near future.

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WORLD U.S. **TOP STORIES** U.K. **AUSTRALIA POLITICS BUSINESS SPORTS**

Winners of 2017 Earth Science Week photo contest announced

The 12 images will all feature in a 2018 calendar, with the awards to be presented at a London event to launch Earth Science Week on Monday 9 October....

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26 Published By - Daily MailOnline - 2017.10.09. 04:45





Broomfield Veterans Memorial Museum

Broomfield Veterans Memorial Museum

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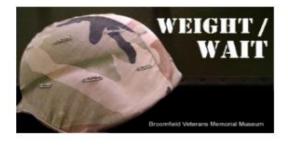
We are excited to collaborate with local schools and provide resources to educators. Please fill out the forms linked below for requesting a visit (either in the classroom or an onsite tour of the museum) or for more information about our Educational Trunk for the upcoming school year.

Check back for further resources soon!

Request a Visit



Educational Trunk Available:



WEIGHT/WAIT

Content List

Request Educational Trunk



Bureau of Economic Geology



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Just Energy Group Inc (JE) Just Reaches 1 Year Low?

November 10, 2017 - By Winifred Garcia

The stock of Just Energy Group Inc (NYSE:JE) hit a new 52-week low and has \$4.28 target or 9.00 % below today's \$4.70 share price. The 5 months bearish chart indicates high risk for the \$735.43 million company. The 1-year low was reported on Nov, 10 by Barchart.com. If the \$4.28 price target is reached, the company will be worth \$66.19M

The 52-week low event is an important milestone for every stock because it shows very negative momentum and is time when sellers come in. During such technical setups, fundamental investors usually stay away and are careful buying the stock.

About 470,474 shares traded or 236.77% up from the average. Just Energy Group Inc (NYSE:JE) has declined 10.67% since November 10, 2016 and is downtrending. It has underperformed by 27.37% the S&P500.



Just Energy Group Inc (NYSE:JE) Ratings Coverage

Among 7 analysts covering Just Energy Group (NYSE:JE), 3 have Buy rating, 0 Sell and 4 Hold. Therefore 43% are positive. Just Energy Group had 11 analyst reports since August 14, 2015 according to SRatingsIntel. The stock has "Buy" rating by H.C. Wainwright on Thursday, May 25. The company was maintained on Friday, August 11 by H.C. Wainwright. The firm earned "Buy" rating on Thursday, December 10 by Rodman and Renshaw. As per Thursday, December 10, the company rating was initiated by H.C. Wainwright. The stock has "Outperform" rating by FBR Capital on Friday, December 18. The firm has "Sector Perform" rating given on Monday, August 17 by National Bank Canada. The rating was downgraded by Canaccord Genuity on Thursday, May 18 to "Hold". On Tuesday, June 13 the stock rating was maintained

by FBR Capital with "Buy".

More important recent Just Energy Group Inc (NYSE:JE) news were published by: Globenewswire.com which released: "Just Energy to Announce Second Quarter Fiscal 2018 Results" on October 26, 2017, also Globenewswire.com published article titled: "Just Energy a Proud Sponsor of Houston's Energy Day 2017", Nasdaq.com published: "Just Energy Reports Second Quarter Fiscal 2018 Results" on November 08, 2017. More interesting news about Just Energy Group Inc (NYSE:JE) was released by: Globenewswire.com and their article: "Just Energy Foundation and Garden Academy Officially Open Sustainable Garden ..." with publication date: October 30, 2017.

Just Energy Group Inc. is an energy management solutions well-known provider engaged in electricity, natural gas, solar and green energy. The company has market cap of \$735.43 million. The Company's divisions include Consumer Energy and Commercial Energy. It has a 12.98 P/E ratio. The Firm operates in the United States, Canada and the United Kingdom, offering a range of energy products, including long-term fixed-price, variable rate and flat bill programs; home energy management services, including smart thermostats and tools to manage energy use at the appliance level, and residential solar panel installations.

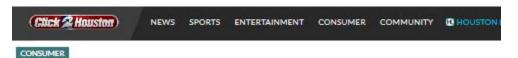
Just Energy Group Inc-Receive News & Ratings Via Email - Enter your email address below to receive a concise daily summary of the latest news and analysts' ratings with our FREE daily email newsletter.

Casper Star-Tribune

The second edition of "A Field Guide to the Casper Mountain Area" has just been released, and all five authors will be at the Tate Museum from noon to 2 p.m. The second edition is a 146-page, large-format, full-color book, laid out to be used and enjoyed on drives up the mountain and in the surrounding area. The authors were all also involved with the first edition of the book, published in 1978: Terrence J. Logue, Maria Katherman, Peggy Knittel, Dana Van Burgh Jr. and Beecher Ed Strube. Please come visit with these experts, pick up your signed copy of the guide and enjoy Fossil Day at the Tate.

Mary Ann Budenske and friends will be joined by Russell Hawley to do face and body art for the free Tate Geological Museum's annual national Fossil Day open house from 10 a.m. to 2 p.m. Hawley created many of the illustrations that adorn the walls of the museum. There will be museum tours, fossil hunting, treats and more. For more info, call the museum at 268-2447.

Click 2 Houston



Friday Freebies: Festivities that make fall fun

By Amy Davis - Reporter/Consumer Expert

Posted: 5:40 AM, October 20, 2017 Updated: 8:41 AM, October 20, 2017













HOUSTON - Are you a fall fanatic? If you get pumped about pumpkins and scarecrows make you squeal, this is your kind of weekend.

This Friday Freebie report is chockfull of fall festivities that won't cost you anything.

The Deer Park United Methodist Church Fall Festival is Saturday from 9 a.m. until 3 p.m. They'll have games, crafts, pumpkins and flu shots at 1300 13th street.

Head to the Pick-a-Dilly Craft Fair at St. Peter's United Methodist Church in Katy from 9 a.m. until 4 p.m. Admission to browse more than 100 vendors is free, but bring some money if you want to take home jewelry, homemade gifts or food. The church is on Kingsland Boulevard across from Taylor High School

Throw on your costumes for Trunk or Treating at the Conroe Church of Christ at 1860 Longmire Road Saturday from 5 to 7 p.m. They'll have a rock

wall, a train, bounce houses and prizes for the best costumes.

More Consumer Headlines

Best ways to get tickets at the lowest price

Top 12 Italian restaurants in Houston

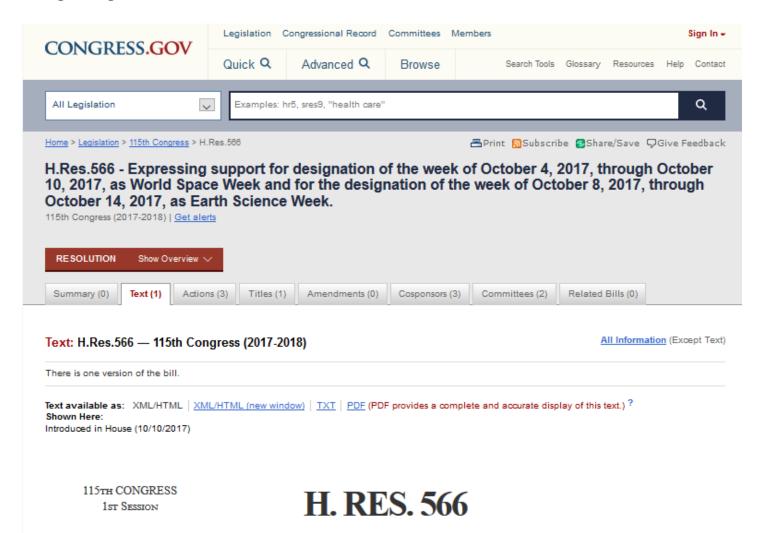
As Seen On TV Tuesday: Can Flex Tape stop a leak?

Stop by Bass Pro Shop in Katy or Pearland Saturday and Sunday for the Great Pumpkin Celebration between noon and 5 p.m. You can get a free Halloween photo with the Peanuts, make a craft and try the pumpkin toss.

If that is about all the fall you can handle, go get smart at the Energy Day Festival Saturday from 11 a.m. to 4 p.m. It's Houston's largest free family showcase of science, technology, engineering and math. More than 70 interactive demonstrations and exhibits will be set up at Sam Houston Park downtown on Bagby.

Check out Houston on the Cheap for more free and cheap happenings in our area this weekend.

Congress.gov



Expressing support for designation of the week of October 4, 2017, through October 10, 2017, as World Space Week and for the designation of the week of October 8, 2017, through October 14, 2017, as Earth Science Week.

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 10, 2017

Mr. Polis (for himself, Mr. Lipinski, and Mrs. Comstock) submitted the following resolution; which was referred to the Committee on Science, Space, and Technology, and in addition to the Committee on Education and the Workforce, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

RESOLUTION

- Expressing support for designation of the week of October 4, 2017, through October 10, 2017, as World Space Week and for the designation of the week of October 8, 2017, through October 14, 2017, as Earth Science Week.
- Whereas this year marks the 18th annual international World Space Week, designated by the United Nations to celebrate the contributions of space science and technology, and their contribution to the betterment of mankind;
- Whereas this year marks the 20th annual international Earth Science Week, designated by the American Geosciences Institute to help the public gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth;
- Whereas the theme for World Space Week 2017, "Exploring New Worlds in Space", focuses on astrobiology missions, feats of engineering, and efforts of NewSpace actors and other entities with a vision for exploration and utilization of extraterrestrial resources as inspirations to the world;
- Whereas the theme for Earth Science Week 2017, "Earth and Human Activity", promotes public understanding and stewardship of the planet, especially in terms of the ways people affect and are affected by Earth's systems;
- Whereas the study of Earth sciences leads to an improved understanding of the Earth's natural systems and the interplay between human society and these systems;
- Whereas the Earth sciences provide the basis for mitigating natural hazards such as droughts, earthquakes, fires, floods, coastal erosion, hurricanes, and landslides;
- Whereas the Earth and space sciences contribute to our understanding of Earth as a planet in our solar system and the universe;
- Whereas Earth and space science research and technology leads to the development of innovative new technologies and industries that fuel the American economy and improve our quality of life;
- Whereas 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;
- Whereas Earth and space scientists and researchers in our Nation's labs, universities, research institutions, and Federal agencies, including the U.S. Geological Survey (USGS), the National Aeronautics and Space Administration (NASA), the National Oceanic and Atmospheric Administration (NOAA), the National Park Service, the National Science Foundation, and the Department of Energy, continually push the frontiers of human knowledge of the universe, help develop and incubate the concepts and programs that keep United States companies and industries at the innovative forefront of the world's economy, and inspire future generations of researchers, scientists, and informed citizens;
- Whereas the space sciences and technology make vital contributions to our understanding of the universe and provide benefits to our home planet; and
- Whereas the Earth sciences make vital contributions to our understanding of, and respect for, nature and our home planet: Now, therefore, be it

Resolved, That the House of Representatives-

- (1) supports the designation of World Space Week and the designation of Earth Science Week;
- (2) expresses strong support for the goals and ideals of World Space Week and its aims to increase understanding of, and interest in, space sciences and technology at the local, State, national, and international levels;
- (3) expresses strong support for the goals and ideals of Earth Science Week and its aims to increase understanding of, and interest in, Earth science at the local, State, national, and international levels;
- (4) recognizes the importance of international cooperation in space missions and outreach and education in furthering our knowledge and discovery of new worlds;
- (5) recognizes the importance of education and public outreach efforts to ensure that the United States public gains a better understanding and appreciation for the impact of the Earth sciences on their daily lives;
- (6) encourages K-12 students to participate in local, State, and national events in connection with World Space Week and to get involved in the celebration by exploring academic applications of and opportunities in space science and technology;
- (7) encourages K-12 students to participate in local, State, and national events in connection with Earth Science Week and to get involved in the celebration by exploring artistic and academic applications of Earth science;
- (8) encourages the people of the United States to observe World Space Week with appropriate activities to gain a better understanding and appreciation for the space sciences and technology and their contributions to society; and
- (9) encourages the people of the United States to observe Earth Science Week with appropriate activities to gain a better understanding and appreciation for the Earth sciences and to encourage stewardship of the Earth.

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From Glencoe to Swansea, the beauty of Britain and Ireland's landscape is revealed by winners of 2017 Earth Science Week photography contest

By HARRY PETTIT FOR MAILONLINE >

PUBLISHED: 04:45 EDT, 9 October 2017 | UPDATED: 10:45 EDT, 10 October 2017

The UK Geological Society has announced the winners of the 2017 Earth Science Week photography competition, 'Our Restless

The 12 stunning images represent the dynamic processes that have shaped the UK and Ireland over its tectonic history, from ancient volcanic activity to ice age glaciers.

The winning images range from limestone erosion at the Gower Peninsula, Wales, to the dramatic landscape of Glencoe - the remains of an ancient super-volcano which was erupting some 420 million years ago.

First place has been awarded to Milena Farajewicz for 'Three sisters of Glencoe in autumn', Second place is awarded to Emma Smith for 'Clifftop bowling overlooking Loch Maree', and third place to Kevin Privett for 'Limestone weathering, Gower.'

The 12 images will all feature in a 2018 calendar, with the awards to be presented at a London event to launch Earth Science Week on Monday 9 October.

The UK Geological Society has announced the winners of the 2017 Earth Science Week photography competition, 'Our Restless Earth.'

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Department of Earth Sciences | University of Cambridge

WHAT'S ON





CARING FOR YOUR ARCHIVES

















OPEN CAMBRIDGE: TEA AND TOURS

Friday 8th September, 2 – 4pm Brighton Building, Madingley Rise, off Madingley Road. Join our archivist and conservator at the Sedawick Museum of Earth Sciences for this behind-the-scenes informal tour. Learn about the important work carried out at our Conservation Laboratory, see some archive treasures and get some tips, followed by a cup of tea and a biscuit. Free. Booking essential:

www.opencambridge.cam.ac.uk

FARTH SCIENCE WEEK: OUR RESTLESS EARTH ACTIVITY TRAIL

Saturday 7th October - end of October To celebrate Earth Science Week, we have a new activity trail exploring our ever-changing planet. Locate our new Earthquake monitor and see seismic activity around the world at near realtime. Learn about plate tectonics and read about Volcanoes and Earthquakes in our restless earth displays.

Activity trail available at the front desk of the Museum



NATURE - SEEING, KNOWING AND DRAWING FOSSILS

CRASSH meeting room, Centre for Research into the Arts, Social Sciences and Humanities, Alison Richard Building, 7 West Road, Cambridge CB3 9DT What is a good 'scientif c' image? Do we need to know what an object is, before we can draw it? or do we need to know how to draw, before we can see an object properly? Join our drawing experiment to f nd out!

Suitable for young teenagers upwards. Free. Booking essential: www.festivalof deas.cam.ac.uk

WALK LIKE A DINOSAUR

Did dinosaurs paint their toe nails? Palaeontologists (people who study dinosaurs) don't know for sure what colour dinosaurs were. Come and do your own research then make and decorate a pair of dinosaur feet to wear home.

















FESTIVAL OF IDEAS: TRUE TO

Saturday 21st October, 11am - 12.30pm

No prior experience of drawing or knowledge of earth sciences is required.

Tuesday 24th October, 10am - 1pm Free. Family drop in event.



Saturday 18th November, 11am - 3pm 30 minutes slots available to book Do you have family archives -paper, photographs, f Im and slides? Would you like to know more about what can damage them, and how to care for them appropriately so future generations can enjoy them? Come and speak with our Archivist, Sandra Freshney, in the Museum Gallery for a chat and some advice.

Free event. Please ring 01223 333456 to book your slot.



SPIDER CRAFT

Saturday 2nd December, 10am - 1pm Come and learn more about our infamous 'giant spider' and the mystery surrounding it.Make and decorate your own 8-legged friend to take away with you.

Free. Family drop in event.



CAMLATES FESTIVE TRACKS AND FIZZ

Wed 6th December, 7 - 9pm Wander the Sedgwick Museum of Earth Sciences galleries after-hours this December to a set-list of contemporary festive tracks performed by local singers and musicians. With a mixture of styles from contemporary folk and indie, to hootenanny and swing all set against the backdrop of the specially lit Museum join us for a unique evening to kick off your

Christmas season. Ticket price includes a complimentary glass of prosecco upon arrival.

Adult 18+ Book in advance £8 www.cambridgelivetrust.co.uk Please ring 01223 333456 for disabled access details.

DRAW A SAURUS

Saturday 10th February, 10am - 1pm Want to learn how to draw dinosaurs and other prehistoric animals? Follow the step by step instructions on our worksheets to create your own drawings of some of the Museums most iconic prehistoric animals. Free, Family drop in event

TWILIGHT AT THE MUSEUMS 2018: FABULOUS FOSSILS AND WHERE TO FIND THEM

February halfterm

Explore the Sedgwick Museum after dark. Uncover fabulous f nds and discover what else might be lurking in the dark showcases

Free family event. No toilets available in the Museum, facilities will be available near the Museum entrance. A buggy park will be provided outside.

























Desert News | Utah

Capitol Reef hosting Earth Science Week activities

Deseret News Published: Oct. 5, 2017 4:00 p.m. Updated: Oct. 5, 2017 4:04 p.m.





Fotolia via Adobe Stock

Capitol Reef National Park will celebrate Earth Science Week, which runs Sunday through Oct. 14, with a variety of activities.

CAPITOL REEF NATIONAL PARK — The park will celebrate Earth Science Week, which runs Sunday through Oct. 14, with a variety of activities.

Visitors to the park can discover how the park was formed over nearly 280 million years ago during a 30-minute geology program each day at 10 a.m. in the visitor center.

On Wednesday, Oct. 11, rangers will lead a 90-minute hike on the Fremont River Trail at 8:30 a.m. The hike will begin at the Gifford House Museum and Store located a mile south of the visitor center on Scenic Drive. Participants will learn about the geology and fossils that tell of the park's ancient environments.

On Thursday, Oct. 12, rangers will host a program on the fossils found in the park. The hourlong program starts at 7:30 p.m. in the campground amphitheater. Participants are advised to dress warmly.

In addition, visitors can learn more about the park's geology and fossils from free brochures available online and at the visitor center. The Capitol Reef Natural History Association bookstore, located in the visitor center, also offers books and materials. It is open 8 a.m. to 6 p.m. through Sunday, Oct. 22.

Capitol Reef National Park is located outside Torrey in Wayne County







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Do512



Held 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 PAID ADMISSION:

9:00 a.m. to 12 p.m. Fossil Identifications

Meet a paleontologist to learn about your personal fossil finds and the fabulous fossil record of Texas. (1st floor, Paleo Lab)

9:30 a.m. to 10 a.m. Prehistoric Stories

Storytime for children aged 5 and younger. (2nd floor, The Niche)

10:15 a.m. to 12 p.m. Fossil Dig Pit

Young paleontologists can make their own discoveries of Texas fossils. (Outdoor classroom, weather permitting)

2:30, 3:15, and 4:00 p.m. Gallery Talk: What's the buzz about prehistoric whorl-toothed sharks? Meet a paleontologist and learn more about these freaky fish! (4th floor, Main Exhibit Gallery)

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.

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Fort Dupont State Park to host International Archaeology Day event



By Submitted News

Posted Oct 11, 2017 at 5:15 PM







Fort DuPont State Park is partnering with the Delaware State Parks Time Travelers program to celebrate with an Archaeological Institute of America International Archaeology Day event from 12:30 to 5 p.m. Oct. 15 at the Fort Dupont State Park Grassdale Center, 108 N. Reedy Point Road, Delaware City.

When: Thursday, November 9, 2017 Cost: \$20 General Public -\$40 CEU Credits Interactive Workshops Discussion Panel Community Resources & More Register at www.mhainde.org

MOST POPULAR

1 Husband and wife found dead in Kenton home Oct 19 at 2:07 PM

2 Delaware announces sites in bid for Amazon headquarters Oct 20 at 6:31 AM

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Delaware State Parks' archaeologist John McCarthy will be on-site to

show Native American pottery, and visitors will be able to touch and hold examples of old artifacts from Delaware's history, and are invited to bring their own objects to try to stump the archaeologists.

An exhibit and demonstration will teach about the history of 19th-century firearms, and a special hayride will be held

Visitors are encouraged to bring a picnic lunch. Admission is free; the havride is \$7 per person. For more, call 834-7941 or visit destateparks.com.

Durham Region



Dr. Helen Haines is a faculty member in the Anthropology department at Trent University Durham Greater Toronto Area.

The celebrations surrounding Canada's 150 have sparked many conversations about our nation's history and remind us of how important it is to remember our past. Understanding where we come from and how the generations before us lived helps us to grow and achieve success in our present-day lives.

As an anthropology professor, I have the best job in the world. I get to hold history in the palm of my hands and, through these artifacts, share in the lives of people who existed long before our time. I can share experiences and understanding about our past with students who will use this knowledge to help shape the future of our society and build our legacy.

Archaeology at Trent University has been an important part of the university for more than 40 years. The program has built a strong experiential learning component into its curriculum, providing students with the opportunity to attend field schools in Ontario, as well as more exotic locations, such as Belize in Central America. My project in Belize is the latest in a long line of Trent field schools in Belize.

I went to Belize in 1990 as an undergraduate student on a field school and fell in love with the country. Twenty-eight years later, I am still returning to Belize year after year, only now I direct a field school for my own undergraduates at Ka'kabish, an ancient Mayan city with a long history dating from 800 BC to AD 1500. My research is focused on understanding how cities can survive for 2,300 years. Unfortunately, it is often hard to balance preservation of the past with the needs of the future, and sites like Ka'kabish are in danger of being subsumed by development. As part of my work, we are trying to raise money to buy the 50 acres on which Ka'kabish sits and create a new national park. We have currently raised two-thirds of the money that we need to create a National Archaeology Park in Belize, and are working to raise the remaining \$17,000 via Indiegogo crowd-funding that will finalize the purchase and enable us to protect the site for future generations.

Not everyone has the opportunity to dig in the ruins and travel to Belize, but that doesn't mean you cannot experience archaeology or the history it unearths. On Saturday, Oct. 21, Trent University Durham GTA and the Oshawa Museum invite the community to participate in International Archaeology Day. This free event will be held on the Trent Durham campus from noon until 3:30 p.m. and will give community members of all ages an opportunity to learn more about archaeology and our history through interactive activities, displays and presentations. I hope you will come and I look forward to sharing my love of the past with you.

 [—] Dr. Helen Haines is a faculty member in the Anthropology department at Trent University Durham Greater Toronto Area.

arth Touch News Network



The punny, the peculiar & the unpronounceable: The best prehistoric animal names

BY DAVID MOSCATO OCTOBER 11 2017



G+ 0 0 0

When it comes to naming ancient species, some palaeontologists have a little more fun than others.

Every species - alive or extinct - receives a two-part scientific name, made up of its genus and species. From Homo sapiens to Tyrannosaurus rex, each of those monikers has a meaning and a story, and while most names are pretty straightforward, sometimes palaeontologists get a bit more creative.

So, in a nod to National Fossil Day in the US, here's a list of some of the greatest prehistoric naming hits from across the fossil record.

Easy Branches



Home New York Chicago Charleston Las Vegas Seattle San Francisco =

HOME / UTAH / CAPITOL REEF HOSTING EARTH SCIENCE WEEK ACTIVITIES



Capitol Reef hosting Earth Science Week activities

CREDIT: DESERETNEWS.COM 18 DAYS AGO 3 VIEWS















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Capitol Reef National Park is located outside Torrey in Wayne County

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NATURALLY WILD WEEKEND



Naturally Wild Weekend

▲ NATURE / ② OCT 11 2017 04:50 PM / ▲ BYEDHAT STAFF / ♀ 0 COMMENTS / ■ READS 275

Event Date: Saturday, October 14, 2017 - 10:30 to Sunday, October 15, 2017 - 15:00 Science, nature, space, bugs, mammals, art...there's something for everyone at the Santa Barbara Museum of Natural History's Naturally Wild Weekend.

The Museum has a special lineup of activities planned for this Saturday, October 14 and Sunday, October 15, and is offering special pricing for guests, including half-priced admission on Saturday and free admission on Sunday.

Some Museum fan favorites are scheduled for Saturday, including Bug Boot Camp, a special Science on Site event celebrating National Fossil Day, and Eyes in the Sky, where guests can get an up-close look at owls, hawks and other local birds of prey. The monthly Star Party is also scheduled for Saturday night from dusk to 10:00 pm.

One of the highlights of the weekend will be the grand opening of the highly-anticipated Wild Things exhibit in the Museum's Maximus Gallery, which will feature artwork from John James Audubon, the artist and naturalist famous for his work on the birds of America. The gallery will feature nearly 30 hand-colored lithographs of Audubon's work on North American mammals, which were printed and published between 1845 and 1848.

"Our staff is looking forward to a weekend of naturally wild activities and family fun," said Museum President & CEO Luke Swetland. "There will be engaging, interactive exhibits and unique things to do from open to close, and the opening of the Wild Things gallery only adds to the excitement. We're expecting our campus to be filled with both kids and adults who are eager to explore."

Elkhorn Media Group

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DAYVILLE: Saturday is National Fossil Day

Posted on October 4, 2017

Join us at the Thomas Condon Paleontology Center for a celebration of our national fossil heritage across the country. On October 7th from 11 am until 3 pm, participate in National Fossil Day, an annual celebration held to highlight the

scientific and educational value of paleontology and the importance of preserving fossils for future generations.

The park's paleontologist will be available from 11 am to 3 pm to identify rocks and fossils (remember no collecting in the monument) and will give an hour-long talk about fossils at 1 pm.

At 11 am, meet at the Blue Basin parking lot to join a one hour, ranger-led hike on the Island in Time trail. As you hike through the green-blue clay stone badlands, see fossil casts placed along the trail. This moderate hike has elevation changes and is not accessible to wheelchairs. Dog owners should be aware there are multiple bridges and the walking surface may not be suitable for their pets and may need to be carried across the bridges. Bring water, sun/weather protection, and a light snack.

At 2 pm, participate in a practice prep lab by excavating fossils and learn about the skills needed to be a paleontologist. Throughout the day, earn your Junior Ranger paleontologist badge and watch the 18-minute long orientation film.

Chris Collins, Acting Superintendent at John Day Fossil Beds says, "We are excited to celebrate National Fossil Day. This day lets us showcase some of our park's most valuable resources. Fossils tell us about ancient life, climates, and landscapes. Join us and see world-class fossils on display and experience active scientific research through the laboratory window."

In the meantime, get involved now and participate in the 8th annual National Fossil Day Art Contest sponsored by the National Park Service and National Fossil Day partners. The contest is open to any interested person, of all ages. Entries will be judged based on originality, creativity and how well the submission addresses this year's contest theme. You must be a resident of the United States to enter. For more details about submitting to the National Fossil Day Art Contest, please visit our link: https://www.nps.gov/subjects/fossilday/art-contest-2017.htm.

Filed Under: Baker & Grant Counties

Energy Day Festival



Environment.territoryairservices

NASA | Earth Science Week: Climate Change & The Global Ocean

Posted on February 22, 2017 by admin



"Climate Change and The Global Ocean" is the first episode in the six-part series "Tides of Change", exploring amazing NASA ocean science to celebrate Earth Science Week 2009.

To find out more visit http://climate.nasa.gov/esw

Want more? Subscribe to NASA on iTunes! http://phobos.apple.com/WebObjects/MZStore.woa/wa/viewPodcast?id=283424434

EnvironmentGuru

Earth Science Week 2017



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 8-14, 2017 and will celebrate the theme "Earth and Human Activity." This year's event, the 20th READ MORE

Environmental Expert

Published:9/21/2017



4

Eos (American Geophysical Union)



Ten Mesmerizing Geophysical Maps That Double as Works of Art

From tiny seafloor features in the Gulf of Mexico to craters pocking the surface of Mars, the details on these maps captivate and fascinate.



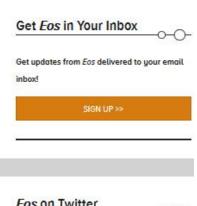
A snippet of a new billion-pixel map of the Gulf of Mexico shows salt domes and minibasins. Credit: BOEM

By JoAnna Wendel and Mohi Kumar 0 13 October 2017

They say a picture is worth a thousand words. For Earth and space scientists, a certain class of images is worth much, much more.

These images are maps. They can slice across time and space, overlaying information on neverbefore-seen features or changing landscapes. They can even highlight how humans change those same landscapes. Maps are central to our sciences; without them, we're just playing in the dirt.

This Earth Science Week, we took a look back at the many breathtaking maps highlighted in *Eos* and in American Geophysical Union blogs. These maps represent hundreds of hours of work by scientists and engineers. And many are fascinating works of art in their own right—we could spend hours poring over their fine details, patterns, and colors.







From AGU Journals



Earth & Space Science News

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Thirteen Innovative Ways Humans Use Drones

From the bottom of acid lakes to up in the sky, autonomous vehicles are changing the way scientists view and study Earth.



A sonar-equipped drone surveys Costa Rica's Laguna Catiente in the Poás volcano. The lake is 3 times more acidic than battery acid. Credit: David McFarlane

By JoAnna Wendel O 11 October 2017

Humans are limited. We can't fly, breathe underwater, or survive in high temperatures. So we've left much of our scientific endeavors to instruments that extend and collect information beyond our senses, like seismometers that detect waves moving through Earth, lidar instruments that can measure elevation, and sensors that can determine the salinity of the oceans.

Increasingly, a new technology is furthering scientists' ability to capture Earth's vast, unreachable spaces: drones. These remote-controlled vehicles—sometimes called unmanned aerial vehicles (UAV) or autonomous underwater vehicles (AUV)—can travel to hazardous places humans try to avoid, like up close to a volcanic eruption or underneath meters of sea ice. Now more than ever, robots are scattered across the planet, engaged in some heavy science.

This week marks the 20th annual Earth Science Week, founded by the American Geosciences Institute. This year's theme, "Earth and Human Activity," emphasizes the ways in which humans affect Earth and the ways Earth affects humans. In celebration of Earth Science Week, we want to highlight some of the many ways drones help us understand our planet and the changes we make to it.



Search E

Ten Mesmerizing Geophysical Maps That Double as Works of Art

From tiny seafloor features in the Gulf of Mexico to craters pocking the surface of Mars, the details on these maps captivate and fascinate.



A snippet of a new billion-pixel map of the Gulf of Mexico shows salt domes and minibasins. Credit: BOEM

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NASA | Earth Science Week: Water, Water Everywhere!





2018 ENERGY SCIENCE & TECHNOLOGY CONFERENCE

"Water, Water Everywhere!" is Episode 2 in the six-part series "Tides of Change", exploring amazing NASA ocean science to celebrate Earth Science Week 2009.

To find out more visit

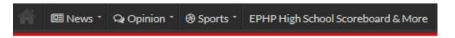
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Water is all around us, and its importance to nearly every natural process on earth cannot be underestimated. The water cycle is the movement of water around the Earth in all its forms, from the ocean to the atmosphere, to snow, soil, aquifers, lakes, and streams on land, and ultimately backs to the ocean. This video explains what the water cycle is and how important it is to life on earth.

El Paso Herald Post





Home | News | Local News | Museum of Archaeology Celebrates International Archaeology Day



"El Paso Museum of Archaeology" by Susan Barnum

MUSEUM OF ARCHAEOLOGY CELEBRATES INTERNATIONAL ARCHAEOLOGY DAY

▲ Staff Report ② October 19, 2017 🐞 Leave a comment 👁 527 Views

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The El Paso Museum of Archaeology invites the public to celebrate International Archaeology Day at the museum from noon to 4 p.m. on Saturday, October 21.

"Texas Archaeology Month and International Archaeology Day provide us with a great opportunity to introduce people to this science with activities that will let them get their hands dirty," said Director of the El Paso Museum of Archaeology Jeff Romney.

Visitors can enjoy archery, mock excavations and other hands-on activities.

There will also be a live pottery firing demonstration and films in the museum auditorium. International Archaeology Day also falls within Texas Archaeology Awareness Month.

There is no charge for admission.

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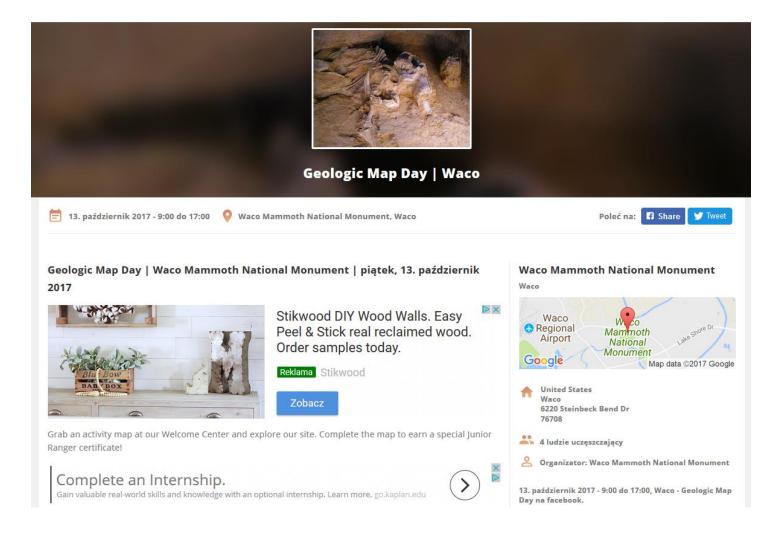
@ October 24, 2017



Chacon International Students Skype with Sister School in Russia

O October 24, 2017

Eventbu



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Events » Earth Science Week Hike

Earth Science Week Hike

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This event has passed.

October 14 at 10:00 am - 12:00 pm

Come enjoy a hike through Lobdell Reserve led by the Ohio Geological Survey to celebrate Earth Science Week. On this hik, exploreers can examine the natural cliffs of shale and glacial till carved our by Lobdell Run Creek and ponder how this landscape has changed over time because of glaciers, erosion and human activity.

+ GOOGLE CALENDAR

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Details

Date: OCTOBER 14

Time:

10:00 am - 12:00 pm

Event Tags:

Hiking, nature hike

Venue

Lobdell Reserve

3100 Mounts Road Alexandria, on 43001 United States

+ Google Map

Phone: 740-587-2535

Website:

http://lickingparkdistrict.com

Fairfax County Times









FEATURED

Alexandria student wins national earth science contest

By Angela Woolsey/Fairfax County Times Dec 22, 2017 💩 0



Alexandria Mayor Allison Silberberg and former U.S. Secretary of the Interior Sally Jewell present David de Costa with a oertificate of achievement for winning the American Geosciences Institute's Earth Science Week visual arts contest. PHOTO BY LAURA R. HATCHER



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Most Popular



The Earth Science Week contests organized every year by the American Geosciences Institute (AGI) seem to have been designed specifically with David de Costa in mind.

A fourth grader at the Queen of Apostles Catholic School in Alexandria, David harbors an interest in both Earth-related sciences and the arts, so he decided to submit a drawing to the AGI's Earth Science Week visual arts contest after discovering the competition in an online search.

David's drawing ultimately won, beating out hundreds of other submissions from young aspiring artists around the nation.

Accompanied by his family, the elementary school student accepted his reward at a reception hosted by AGI at the Torpedo Factory Art Center in Alexandria on Dec. 8. His prizes included a certificate of achievement, a copy of The Geoscience Handbook, and \$300.

The reception marked Earth Science Week's 20th year of existence, and its attendees included Alexandria Mayor Allison Silberberg and former U.S. Secretary of the Interior Sally Jewell, along with all of the competition winners.

"I was really, really surprised," David said of winning the visual arts contest. "I got to meet the mayor, and I just felt very excited and happy."

Geoscience, also known as earth science, is a broad term that encompasses scientific fields related to the natural world and how it interacts with humans.

Founded in 1948 and headquartered in Alexandria, the American Geosciences Institute is a nonprofit dedicated to supporting geoscientists through research, public policy advocacy, workforce development, education, and public outreach.

The institute represents more than 260,000 scientists through a network of 52 member societies.

AGI held the first Earth Science Week in October 1998 to "help the public gain a better understanding and appreciation for the earth sciences and to encourage stewardship of the Earth," according to the Earth Science Week website.

In addition to providing materials that educators and classrooms can use for their own Earth Science Week activities, the AGI hosts Earth Science Week essay writing, photography, visual arts, and video contests every year that center on a different theme.

The theme of the 2017 contests was "Earth and Human Activity." The submission period opened in the spring and closed in October, since this year's Earth Science Week took place from Oct. 8 through 14.

The visual arts, photography, and video contests were open to students in kindergarten through fifth grade, while the writing contest asked sixth to ninth grade students to write essays of up to 300 words.

A team of geoscientists with AGI then reviews the submissions and votes to choose their favorite entries based on their educational value and connection to geosciences as well as their artistic merits.

David's winning drawing features a kaleidoscope of images depicting the different ways in which people rely on the environment and the ways that human activities such as pollution and fishing affect the air, water, land, and living things.

"David's submission just jumped out from the very beginning. It was very eye-catching," AGI outreach programs manager Geoffrey Camphire said. "...There was a lot going on, and he came across with a mature message about the different ways that human beings interact with the earth's systems."

According to Camphire, Earth Science Week reaches more than 50 million people every year through promoted learning resources, events, activities, and contests.

AGI announced on Dec. 12 that the theme for 2018's Earth Science Week will be "Earth as Inspiration," exploring artistic expression as a means of promoting geoscience and improving education around related issues.

The work that geoscientists do has taken on a sense of urgency over the past couple of decades, as politicians, businesses, and communities around the globe grapple with the increasingly visible effects of deforestation, overfishing, mining, and other human activities.

Scientific evidence continues to amount suggesting causality between human actions and climate change, a rise in global temperatures and other shifts in climate patterns attributed in part to increasing levels of carbon dioxide in the atmosphere.

According to the magazine Science News, three studies released on Dec. 13 in the Bulletin of the American Meteorological Society proved that a series of extreme weather events in 2016 – including a heat wave in Asia and a patch of unusually warm waters in the Bering Sea off the Alaskan coast that has been linked to mass bird deaths and plummeting fish populations – could not have been caused by nature alone.

Three other independent studies are already looking at the extent to which human activity contributed to the intensity of Hurricane Harvey, which dumped as much as 52 inches of rain on some parts of Texas and Louisiana in August, setting a new North American record for rainfall.

Camphire says that these occurrences demonstrate why the educational component of AGI and Earth Science Week is so important.

"These are the things that are in the headlines every day, whether it's issues like energy, jobs, the environment, [or] climate change," Camphire said. "The better we understand the science, the better we're going to be able to confront these issues."

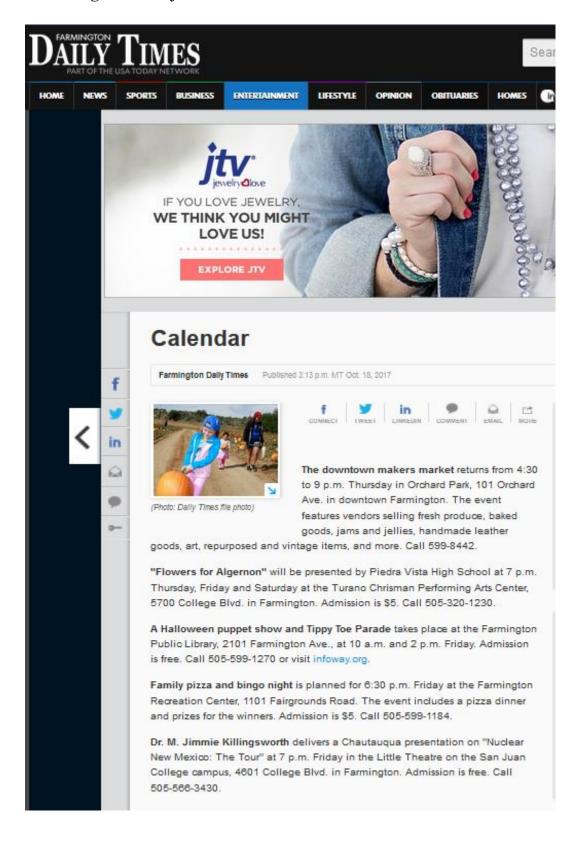
That education is particularly crucial for the young people who will inherit the consequences of the decisions made by current political, industry, and societal leaders.

While he enjoyed participating in AGI's Earth Science Week contest and the "Celebrating 20 Years of Earth Science Week" reception, David says that he hopes his drawing will inspire other people, including other children, to help take care of the environment.

"It's important to help the earth, because the earth helps us," David said. "If we don't help it, we can also be harmed, because trees can fall down and the air can be polluted. We might run out of water, and we wouldn't have any plants to grow so we might run out of food, so we all should protect the earth."

Editor's note: The print version of this article was inadvertently transposed with a story that previously ran about Virginia Governor-Elect Ralph Northam. The Times regrets the error and will print this article in its entirety next week.

Farmington Daily Times









The Farmington Growers Market returns at 8 a.m. Saturday to the parking lot at the Farmington Museum at Gateway Park, 3041 E. Main St. The event features dozens of vendors selling fresh produce and other food, and hand-made crafts. Call 334-9496.

Garden Volunteers Day takes place at 9 a.m. Saturday at the Riverside Nature Center in Animas Park off Browning Parkway in Farmington. Staff members and volunteers will groom the center's gardens and update the signs. Call 505-599-1422.

International Archaeology Day will be celebrated at Aztec Ruins National Monument, 725 Ruins Road in Aztec, from 9:30 a.m. to 4 p.m. Saturday. Activities include an East Ruins tour and a flintknapping demonstration. Call 505-334-6174.

The annual Pumpkin Festival will take place from 10 a.m. to 5 p.m. Saturday and Sunday at Sutherland Farms, 745 County Road 2900 north of Aztec. The event includes tractor train rides, hay rides, a corn pit slide, a corn maze and face painting. Admission is \$5, free for children 11 and younger. Call 505-334-3578.

The Chautauqua Series at the Farmington Museum at Gateway Park, 3041 E. Main St., continues at 3 p.m. Saturday with a presentation on "Race & Racism in the New Millennium — the Economic Impact of Unconscious Bias" by Dr. Sherri Burr. Admission is free. Call 505-599-1174.

Boots and Bling Swing, a fundraiser for the Family Crisis Center of Farmington, takes place at 6 p.m. Saturday at the Farmington Civic Center, 200 W. Arrington St. The event includes dinner, a DJ, an auction, raffles and a concert by Emerson Drive. Tickets for the concert only are \$60. Tickets for the entire evening are \$100 per person or \$150 per couple. Call 505-325-3549.

The fourth annual San Juan County's Got Talent show takes place at 6:30 p.m. Saturday in the Henderson Fine Arts Center on the San Juan College campus, 4601 College Blvd. in Farmington. Admission is \$8 for adults and \$5 for children 12 and younger, with proceeds benefiting the San Juan County Partnership's community programs. Call 505-566-5867.

A free screening of "The Book of Life" will be presented at 2 p.m. Monday at the Farmington Public Library, 2101 Farmington Ave. The 2014 computer-animated fantasy film features the voices of Zoe Saldana, Channing Tatum, Christina Applegate and Ice Cube. A snack is included. Call 505-599-1273 or visit infoway.org.

The Teen Movie Monday series at the Farmington Public Library, 2101
Farmington Ave., continues at 4 p.m. Monday with a free showing of "47 Meters Down" in the Teen Zone. The 2017 British survival film stars Mandy Moore and Claire Holt. Visitors can earn free snads for the movie series by picking up a punch card and taking part in library programs. Call 505-599-1273 or visit infoway.org.

Education specialist Donna Thatcher leads the Tuesday Birding session at 8 a.m. Tuesday at the Riverside Nature Center in Animas Park off Browning Parkway in Farmington. The bird-watching event includes a walk of 1 to 2 miles through Animas and Berg parks. Admission is free. Call 505-599-1422.

Fauquier County Public Library

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» KIDDOSPHERE: EARTH AND BEYOND: BOOKS FOR EARTH SCIENCE WEEK AND WORLD SPACE WEEK

KIDDOSPHERE: EARTH AND BEYOND: BOOKS FOR EARTH SCIENCE WEEK AND WORLD SPACE WEEK

Posted by jennifers on 10 October 2017

When I saw that World Space Week (Oct 4-10) and Earth Science Week (Oct 8-14) overlapped, I immediately thought that it would be a perfect time to talk about our terrific outer space and earth science related books! Earth science encompasses geology, meteorology and astronomy, so there's lots to explore!

Dianna Hutts Aston and Sylvia Long's informational picture books about nature are must reads for young naturalists. A Rock is Lively is gorgeously illustrated and has a great read-aloud quality for elementary school students.

When DK Publishing and the Smithsonian collaborate on a book, you know it's going to be packed with eye-popping pictures and fascinating



Amateur meteorologists will definitely want to check out DK's Eyewitness Weather; like all books in the Eyewitness series, it is crammed with eye-catching photography and intriguing information about rain, snow, natural disasters and everything inbetween.

The Weather Disaster continues the adventures of the Mad Scientist Academy; this time, the class of monsters faces a multitude of weather phenomenons, using scientific information to survive conditions

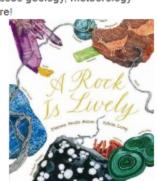
Want a gigantic and browseable guide to ocean animals? National Geographic Kids' Ultimate Oceanpedia is a captivating guide to ocean creatures big and small.

I'm a huge fan of the Science of Fun Stuff series (and its companion, History of Fun Stuff series). Looking Up! The Science of Stargazing is one of the best nonfiction easy reader series out there. Comets, constellations, eclipses and more are explained in a fun and factual way for elementary school students.

If you need something more comprehensive than "Looking Up," National Geographic Kids' Night Sky is a must-read for young astronomers. Not only does it include star maps, planet facts and tips on how to get started as a backyard astronomers, it also includes space jokes!

For more information about these official observations, check out Earth Science Week and World Space Week.





Financial Tribune





INTERNATIONAL NATIONAL ENERGY ECONOMY WORLD ECONOMY PEOPLE ART & CULTURE



Chogha Zanbil UNESO World Heritage Center

Art And Culture Wednesday, October 18, 2017

Analysis on Chogha Zanbil Drainage System

he Khorramshahr wing of Iran's Cultural Heritage, Handicrafts and Tourism Organization in Khuzestan Province holds today a meeting on the water drainage system at Chogha Zanbil, a UNESO World Heritage Center.

The scientific 'Analysis on Architecture and Drainage System at Chogha Zanbil' is organized on the occasion of International Archaeology Day, October 21, according to memarnews.com, a news website on architecture and urban development.

Located near the ancient city of Shush in the oil-rich region, the Chogha Zanbil archaeological site was inscribed on the World Heritage List in 1979.

The site is known for antiquity as the sacred city of Dur-Untash, built by the Elamite king Untash-Gal in the mid thirteenth century BC.

The Assyrians destroyed the city in 640 BC. Today, a huge mud-brick ziggurat dominates the site and three circular walls and the remains of temples, palaces, houses, tombs and other structures surround the ziggurat.

The site was excavated by a French archaeological mission under the direction of R. de Mecquenem in 1936-39, and again by Roman Ghirshman in 1950-62.

The unique site was in the Iran-Iraq war zone during the 1980s and took hits from the enemy on several occasions due to its close proximity to the border and for some period was under the enemy's military occupation. It was subsequently liberated and the ziggurat was restored after the military hostilities ended in the fall of 1988.

After some heavy rainfall, a UNESCO emergency mission, led by Italian expert in restoration of earth architecture Eugenio Galdieri (1925-2010), visited the site in 1998. The mission's report gave specific recommendations regarding the consolidation and drainage of the mud brick structure.

The condition of the site has significantly improved. This is mainly due to the technical collaboration deal signed by Iran, Japan and UNESCO officials. A joint project was initiated in April 1999 with the participation of several Iranian and foreign organizations. The results were remarkable, making the site one of the most important case studies for conservation management.

Fort Hays State University

News

FORT HAYS STATE UNIVERSITY > FHSU NEWS











Sternberg Museum to host National Fossil Day event

HAYS, Kan. - Fort Hays State University's Sternberg Museum of Natural History will host a National Fossil Day - with free admission to the museum - from 9 a.m. to 2 p.m. Saturday, Oct. 14.

Mike Everhart, adjunct curator of paleontology, will sign copies of the second edition of his book, "Oceans of Kansas: A Natural History of the Western Interior Sea." The book will be available for purchase at the museum's gift shop.

Activities will also include the exploration of the Paleozoic Oceans of Kansas.

For more information, contact the museum at 785-628-4286.

Grand Canyon University



Earth and Space Sciences: The Forgotten STEM Subjects



By MJ Tykoski, MEd Alumna, College of Education

One of the acronyms de jour in science education today is STEM (science, technology, engineering and math). It is a nice catch-all for science and the subjects that are closely related to science. However, diving a little deeper into how STEM plays out in classrooms reveals a disturbing trend. Not all sciences are adequately represented; Earth and space sciences are often left out. This means students are not receiving a well-rounded science education, which should be a concern for any dedicated STEM teacher.

What are Earth and Space Sciences?

What is meant when discussing Earth and space sciences? Topics would include geology, meteorology, astronomy and oceanography. These subjects rarely appear in high school science classrooms. Physical science and life science courses dominate graduation plans across the U.S. According to the American Geoscience Institute, 30 states require a life science course for graduation and 20 states require an additional physical science credit. In contrast, only two states require an Earth sciences course for graduation (American Geosciences Institute, 2015). The blatant lopsidedness is astounding.

Lack of Earth and Space Sciences in IB and AP Programs

The much-vaunted International Baccalaureate Program is guilty of not including Earth and space sciences in its requirements. For science, students may choose from biology, computer science, chemistry, design technology, physics or sports/exercise/health science (International Baccalaureate, 2017). The only bone tossed to Earth and space science is an "Environmental Systems and Society" course that can fulfill a non-science requirement (International Baccalaureate, 2017).

Another popular option for a higher-level science class is the Advanced Placement program by the College Board. Once again, the level of instruction for Earth and space science falls short. There is no course that addresses geology, meteorology or astronomy (College Board, 2017). Closer examination of the AP Environmental Science curriculum shows this to be a biology-based ecology course with little to no connections with geosciences (College Board, 2013). Students who have an interest in these topics have no advanced science option that allows them to pursue their interest and get a head start on college credits.

Why are Earth and Space Sciences Important?

Earth and space sciences are among the most easily relatable sciences students can study. Teachers are often told to teach in a way that allows students to use the information presented in real life. All students, no matter what their chosen career path is, will have to deal with weather every day of their lives. They will always be able to look up at the moon and see what phase it is in. There will always be stories in the news about earthquakes, floods, hurricanes or volcanic eruptions that threaten lives and destroy cities.

How often do we see stories of political battles over threats to groundwater in geologically sensitive areas or natural resources or waste storage and potential contamination, all of which need voters with at least a little understanding of Earth sciences and systems? Why then do so many states, schools and organizations leave these topics out of STEM instruction?

Making sure every student receives a quality STEM experience means all science subjects, including the very applicable areas of Earth and space science, should be taught in secondary schools. After all, we do *live* on Planet Earth, right?

Grand Canyon University's College of Education offers a variety of online degree programs to help educators take the next step in their career by advancing their education. Learn more by visiting our website or clicking the Request More Information button on this page.

References:

- Benbow, A. & Hoover, M. (July 2015) Earth and Space Science Education in U.S. Secondary Schools: Key Indicators and Trends (United States, American Geosciences Institute). Alexandra, VA.
- College Board (2017). Course and Exam Pages. Retrieved from apcentral.collegeboard.org/courses
- College Board (2013). Environmental Science Course Description. College Board: New York, NY.
- International Baccalaureate (2017). Sciences in the DP. Retrieved from ibo.org/programmes/diploma-programme/curriculum/sciences

More About MJ:



MJ Tykoski is completing her 23rd year as a science teacher in Texas. Grand Canyon University provided the perfect opportunity for her to pursue her studies while staying in the classroom through their online master's degree. Given her interest in staying in the classroom and helping other teachers, GCU's educational leadership program was a perfect fit for her needs.

She was the Middle School Science Teacher of the Year for the Science Teachers' Association of Texas in 2009, state finalist for the Presidential Excellence in Math and Science Teaching in 2011, winner of the Texas Medical Association Middle School Teacher of the Year in 2013 and recently won the 2017 American Geosciences Institute Edward C. Roy Jr. Award for Excellence in Earth Science Teaching. For the last 20 years, she has worked with education and public outreach for NASA's Stratospheric Observatory For Infrared Astronomy (SOFIA) and flew as part of the Echelon Cross Echelle Spectrometer (EXES) team in 2015.

Grand Valley Lanthorn



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News briefs 11/6/17

| 11/6/17 12:45am

GVSU to participate in Earth Science Week with lecture series

Grand Valley State University will host a lecture series in recognition of international Earth Science Week that will feature alumni presenters. From Monday, Nov. 6, to Friday, Nov. 10, there will be presentations on topics related to earth science in Manitou Hall.

The presentations are sponsored by the Department of Geology. The full schedule of presentations can be found at www.gvsu.edu/gvnow/2017/gvsu-earth-science-week-lecture-series-to-feature-10227.htm.

GVSU Team Against Bias to hold bias reporting workshop

The Grand Valley State University Team Against Bias will hold a bias incident reporting training workshop Wednesday, Nov. 8, at 3:30 p.m. in the Kirkhof Center, Room 2259. The event is open to the public and is designed to educate attendees on the mechanisms GVSU has in place to report instances of bias on campus.

The training includes discussion on ensuring that participants are conscious of their right to free expression on campus while maintaining an understanding of bias incidents and their effect on the community.

'Dolphin Tank' entrepreneurship competition to take place at GVSU

Grand Valley State University will host the "Dolphin Tank" entrepreneurship competition Thursday, Nov. 9, at 1 p.m. in the L. William Seidman Center on the Pew Campus. The event is co-sponsored by the Michigan Women's Foundation and Springboard Enterprises and is a variation of the TV show "Shark Tank."

The event allows participants to plan and pitch business ideas to a panel of judges. Winners can receive a grand prize up to \$10,000.

Office of Sustainability Practices searching for volunteers for 'Zero Waste Football Game'

The Grand Valley State University Office of Sustainability Practices is in need of volunteers for its "Zero Waste" event taking place at the GVSU football game versus Tiffin University Saturday, Nov. 11, at noon. The Zero Waste initiative is designed to ensure that trash items are disposed of correctly (recycling, compost, etc.).

Volunteers are expected to speak with visitors and make sure that correct waste procedures are being followed. Volunteer hours can be tracked in Service Tracker, and the event is LIB 100- and 201-approved. Those interested in volunteering should email sustainability@gvsu.edu.





Laker Exchange

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GVSU football welcomes Tiffin for last regular-season game

Season preview: GVSU men's basketball prepared to turn heads this season

Tweets by @GVLanthorn

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News briefs 11/6/17

I 11/6/17 12:45am

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College of Health Professions to hold programs showcase

The Grand Valley State University College of Health Professions will hold a majors and programs showcase Wednesday, Nov. 8, at 6 p.m. in the Cook-DeVos Center for Health Sciences Hager Auditorium. The event gives students interested in the fields of medical practices the opportunity to explore various programs in the college. Both undergraduate and graduate programs will be featured.







Laker Exchange

POPULAR ARTICLES

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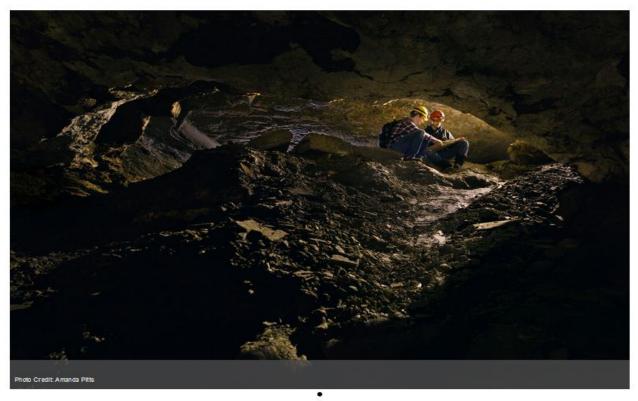


Grand Valley State University



GVNOW EMAIL SIGN-UP RESEARCH NEWS CONNECT WITH US GV MAGAZINE FORUM LAKER EFFECT

GVSU Earth Science Week lecture series to feature alumni



Posted on November 02, 2017

In conjunction with international Earth Science Week, a series of lectures will shine a light on the field of geology, careers in the field, and its importance in the world.

The lecture series will begin November 6 with Grand Valley alumnus Joshua Ehlich, '14.

"Unless you are lucky enough to know a geologist, you probably have no idea what they do and how important they are to our quality of life and standard of living," said Peter Riemersma, associate professor of geology and organizer of Grand Valley's Earth Science Week.

Below is the full schedule of Grand Valley Earth Science Week presentations, sponsored by the Geology Department. All lectures will take place on the Allendale Campus:

"Using Fluid Inclusions to Understand Copper and Gold Transport in Magmatic-Hydrothermal Ore Deposits"

Presented by Joshua Ehlich, '14, doctoral candidate, Northern Illinois University

November 6, from noon-12:50 p.m., Manitou Hall, room 122

"Geology Rising — The Environmental Remediation Industry's Renewed Emphasis on Sound Geological Practices"

Presented by Colin Plank, '97, senior geologist at Burns & McDonnell

November 7, from 1-1:50 p.m., Manitou Hall, room 102

"Environmental Sleuthing using Petroleum Fingerprinting Identifies Archeological Contamination at Site"

Presented by Richard Christensen, Jr., '84, principal hydrogeologist at ACUITY Environmental Solutions

November 8, from 1-1:50 p.m., Manitou Hall, room 123

"Fracture Networks: The Internal Plumbing of Bedrock"

Presented by Matt Reeves, associate professor of geosciences and director of the Hydrogeology Field Course at Western Michigan University

November 9, from 1-1:50 p.m., Manitou Hall, room 102

"Time and Space Traveling with Microbes of Lake Huron's Sinkholes"

Presented by Bopaiah Biddanda, associate professor with Grand Valley's Annis Water Resources Institute

November 10, from 3-3:50 p.m., Manitou Hall, room 123

Since October 1998, the American Geosciences Institute has celebrated Earth Science Week to help the public gain a better understanding and appreciation for the Earth sciences and encourage stewardship of the planet. This year's global Earth Science Week took place in October with the theme "Earth and Human Activity."

For more information, contact Riemersma at riemersp@gvsu.edu.

For More Information Contact: Matthew Makowski in University Communications - (616) 331-2228

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EARTH SCIENCE WEEK UPDATE, VOL. 15, NO. 3: MARCH 2017

Submitted by American Geosciences Institute on March 22, 2017.

IN THIS ISSUE...

- Earth Science Teaching Award Winner Announced
- AGI's 'Faces of Earth' Series in HD on YouTube
- Earth Science Week at NSTA 2017 Conference
- Webcast Details 'Focus Days' of Earth Science Week
- World Water Day: Celebrate, Study With WEF
- AAG Offers Geography Resources for Teachers
- · Introduce Students to 'Sustainability Scientists'
- Young Meteorologist Program Targets Learning
- IRIS Reaches Students at 'Teachable Moments'
- Examine Natural Systems in 'Windows on Earth'

EARTH SCIENCE TEACHING AWARD WINNER ANNOUNCED

M.J. Tykoski, an eighth grade teacher at Cooper Junior High School in Wylie, Texas, has been named the 2017 recipient of the Edward C. Roy, Jr. Award for Excellence in K-8 Earth Science Teaching. Tykoski earned her master's degree in educational leadership from Grand Canyon University in Phoenix, Arizona. She is a member of several professional organizations, including the Texas Earth Science Teachers Association, and is the recipient of numerous grants and awards. She was a finalist for last year's award.



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EARTH SCIENCE WEEK UPDATE, VOL. 15, NO. 1: JANUARY 2017

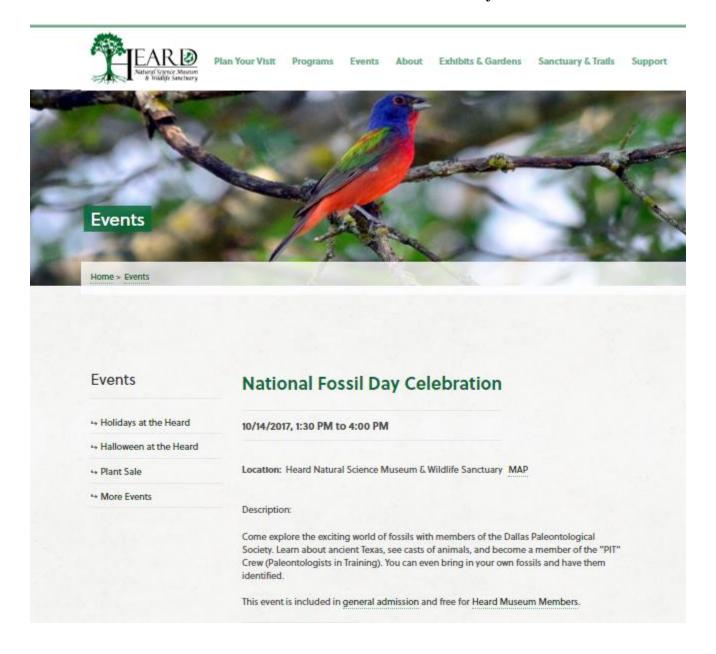
Submitted by American Geosciences Institute on February 01, 2017.

IN THIS ISSUE...

- Earth Science Week 2017: 'Earth and Human Activity'
- Dig Into Earth Science Education With USGS
- AAPG Offers Educator Opportunities in April
- Earth Science Week Links You to Education Resources
- NASA Sites Illuminate Timely Topics in Science
- National Park Videos Explore Climate Change
- AGU Resources Advance Education and Outreach
- Resources Available Online Throughout the Year
- AGI Powers Geoscience With Information Services
- New Report Examines Nitrogen in Our Air
- GSA Geoscientists Reach Out to Educators
- Apply by February 1 for Congressional Fellowship



Heard Natural Science Museum & Wildlife Sanctuary



Herald Net | Everett, Washington



Business Opinion Obituaries Classifieds Real Estate

Matt Heaton, owner of FossilEra in Monroe, is putting on a wine and fossils event at a Woodinville winery. (Ian Terry / The Herald)

WHAT'S UP WITH THAT?

Sip wine and browse hundreds of fossils and minerals

FossilEra warehouse in Monroe teams up with Davenport Cellars for wineology and paleontology. (Video)

By Andrea Brown esday, October 10, 2017 12:17pm | LIFE MONROE WHAT'S UP WITH THAT?



















Sip a glass of chardonnay with a trilobite.

Guzzle red wine while admiring a ginormous dinosaur femur.

What's up with that?

It's Fossils, Minerals & Wine, a unique pairing between an online fossil business in Monroe and a Woodinville winery.

Matt Heaton, owner of FossilEra, came up with the idea to showcase some of the tons of items from his warehouse in a venue with wine.

Wine goes with art, so why not the remains of ancient organisms from past geological ages?



Heaton is hauling hundreds of items to the three-day event this weekend at Davenport Cellars. We're talking ammonites, gastropods, echinoderms and a bunch of other species' names you might have to Google.

Prices range from a few bucks to five digits to take home a piece of onceliving history.

"We're turning a wine-tasting room into a museum," Heaton said. "We get requests all the time from people to see stuff in person. We're not set up that way."

FossilEra is buried in the modern-age commercial landscape. It's just another beige doorway tucked inside a nondescript business park west of U.S. 2. From the outside, there's no clue that what lurks inside roamed the earth and crawled the ocean floor a gazillion years ago.

I totally see why the 5,000-square-foot warehouse isn't open to the public. The hour I was there, Heaton's seven employees were busy packing orders and processing a recent purchase of 20 tons of fossils and minerals that he bought at a liquidation sale. Even though I don't know an ammonite from a trilobite, I was infatuated with the billions-of-years-old fossils and wanting to see and touch everything.

It's like the Amazon of bones and stones.

Heaton started FossilEra four years ago at his home. As fossil and mineral orders grew, he expanded his commercial space.

"In the last 12 months we've shipped about 10,000 orders," he said.

The winery custom-branded two wines, Thirsty Trilobite White and Amethyst Splash Red, for this weekend's fossil event. "Drinking wine, one of the oldest alcoholic beverages dating back thousands of years, while touching the bones of dinosaurs that roamed the planet millions of years ago is just plain cool," said Jeff Jirka of Davenport Cellars.



After a few glasses of wine, you might spring for that \$5,000 colorful slab of Marra Mamba stromatolite that's 2.7 billion years old and will look good in any room. Stromatolites are layered trace fossils of microbial life, primarily cyanobacteria.

Who knew germs could be so gorgeous?

Heaton did.

"Fossil collecting has been my passion since I was a little kid," said Heaton, 39, who grew up in Bellevue and now lives in Snohomish with his wife, Kim. "All my vacations were spread out in the middle of nowhere, breaking rocks and looking for them."

Heaton collects trilobites, marine animals that lived at the bottom of the ocean hundreds of millions of years ago, before the dinosaurs.

"They were the dominant life form on this planet for several hundred million years, and there were tens of thousands of different types of them," he said. "They took so many different forms, and some could be very ornate as far as having spines. They went extinct 250 million years ago."

Heaton majored in computer science and ran several tech startups. That background, combined with his years of fossil hunting, helped with running a company that melds the prehistoric world with the digital one.

"In my early 20s, I did a lot of collecting through buying things online and was scammed a number of times," he said. "That is something that is definitely out there in the fossil market. There are a lot of fakes."





For the business, he buys from suppliers he trusts and respects the rules.



"There are certain countries and regions which strictly regulate or even ban the export of fossils," he said, listing China and Mongolia as examples. "In the United States, you can't sell stuff that came off public lands. I know where the leases are. I can verify the stuff came from private property and is legal to sell."

He said that his inventory doesn't hinder research collectors. "In general the material we sell does not have a high scientific value," he said.

Heaton encourages people to find their own fossils.

"There are lots of areas around Western Washington that have marine fossils," he said. "I'm sure you could find a place within 5 miles of here where you could find fossils."

At FossilEra, colorful geodes go for a few dollars. A pair of pretty polished ammonites is \$50. Trilobites range from \$25 to thousands of dollars.

Who shells out that kind of cash for organic matter turned to stone?

Collectors, mainly, but the majority of shoppers are people buying gifts.

"Most of the stuff we sell is under \$100," he said. "Most of the pricing is based off of what we have to pay. We're like any other retailer. We have a wholesale cost for things, and we're marking it up a percentage on top of that."

Sales spike during the holidays for stocking stuffers you won't find at the box stores. "Things like ammonites and megalodon teeth and fossil fish," Heaton said.

FossilEra snags some business from Hollywood.

Heaton said Chris Pratt's assistant called him during the filming of "Jurassic World" and ordered dinosaur teeth.

"She was looking for a few pieces as gifts for people on the set," he said.

"Warner Brothers is doing a megalodon shark movie coming out next

August, and I had a big order for megalodon teeth from someone related to
the film."

Heaton offered 500 free fossil kits for teachers this week in honor of National Fossil Day, Oct. 11.

The wine-tasting event is family friendly.

"We are going to set up a big sandbox and let kids dig through it and keep the fossils," Heaton said.

It's a gateway for kids to get hooked while you mow down with a

Andrea Brown: 425-339-3443; abrown@heraldnet.com. Twitter:



Highly Allochthonous



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 Hurricane Harvey and the Houston Flood:
 Did Humans Make it Worse? (Part 2: Urbanization)

Speak up for NASA's Earth Science funding

Posted on October 9, 2017 by Anne Jefferson

It's Earth Science Week and Congress is still debating the budget for this fiscal year. That means that science funding is still on the line. The American Geophysical Union is running a campaign encouraging members to speak up for

NASA's Earth Science division which faced steep cuts in the White House budget proposal. Follow the link here to send a letter to your senators and representative. (You don't have to be an AGU member to take part.) If you need some inspiration, here's the letter I wrote to my representatives.

Dear Senators Portman and Brown and Representative Ryan,

In honor of Earth Science Week (8-14 October 2017), I'm writing to urge you to provide robust support for NASA's Earth Science Division, which is invaluable to our nation and our local community.

As recent hurricanes and wildfires have vividly demonstrated, millions of Americans depend on NASA's eyes in the sky to keep them informed and safe. Our economy also benefits massively from being able to prepare in advance for weather disruptions.

Closer to home, NASA satellites are providing important data on the harmful algae blooms in Lake Erie and our inland lakes. These satellite images are giving us important clues as to how lake conditions, river contributions, and weather interact to produce these toxic blooms.

As a hydrology professor at Kent State University, I use NASA products in my research and teaching every week. The new soil moisture active passive (SMAP) mission will be hugely valuable for understanding how changes in land use and climate conditions influence flooding and drought. The GRACE mission, which recently came to an end, was an important tool for understanding large scale groundwater declines and ice sheet changes. As there is now a gap until a replacement satellite can be launched, we are losing critical data on our changing planet.

It's important to keep continuous and robust funding for NASA's Earth Science division in order to keep NASA missions on track, so that we don't fly blind in the face of severe weather, algae blooms, droughts, and all of dynamics of our home planet.

Thank you for your leadership and continued support of science.

Sincerely,

Anne Jefferson



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Hot Travel News



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TOURIST EQUIPMENT





Kids Youth Bat Carry Bag Baseball Travel Equipment Carrier Ball Softball Storage Shop: Alex.LaLa.Land.Shop \$15.94 FBW/KNOW Ends in 1h 28m

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TRAVEL ACESORIES





Winners of 2017 Earth Science Week photograph contest introduced

October 9, 2017 & admin > Travel O



The 12 photographs will all characteristic in a 2018 calendar, with the awards to be offered at a London occasion to launch Earth Science Week on Monday 9 October.

HuntingtonNews.net



Home » News » Earth Science Bowl competition to be held Oct. 17

Earth Science Bowl competition to be held Oct. 17

Monday, October 9, 2017 - 19:21 Updated 1 week ago SPECIAL TO HNN PROVIDED BY MARSHALL UNIVERSITY





Marshall University will host an Earth Science Bowl competition at 7 p.m. Tuesday, Oct. 17, as part of National Earth Science Week. High school and college students are invited to participate in the contest, which will be in Room 276 of the Science Building on Marshall's Huntington campus.

There will be three levels of competition: High school students, college students who are not geology majors, and college students who are geology majors. A high

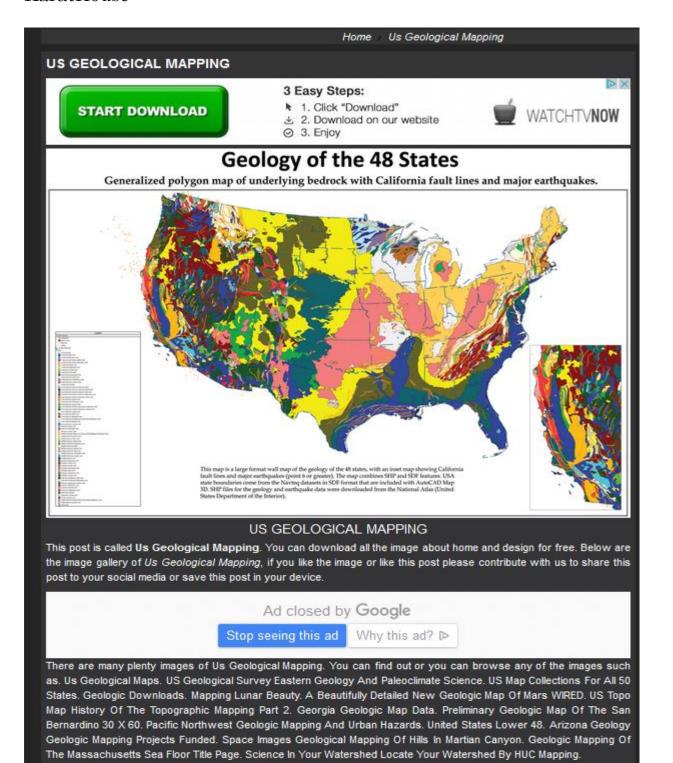
school may enter one or more teams to represent it. Marshall University departments can enter one or more teams, or college students can form teams independently. College students from other schools are also welcome. Contestants must register as teams of three.

Teams will compete in 30 Earth Science topics, which may include rocks, plate tectonics, the atmosphere, the ocean, groundwater, climate change, the moon, planets and the solar system, and others. First-place teams will win trophies and three \$50 gift certificates. Second-place teams will win medals and three \$25 gift certificates.

Students may use any high school or college-level textbook on Earth Science as a study resource. The Earth Science Bowl is sponsored by Marshall University's Department of Geology and College of Science.

Teams are encouraged to register online at http://bit.ly/2fLPyOA. Teams can also register on site from 6 to 6:45 p.m. on the day of the competition.

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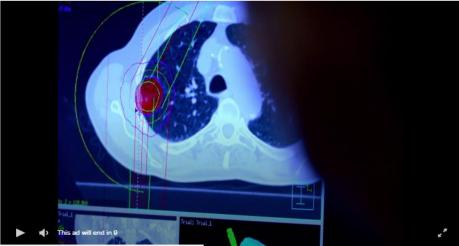
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KCRG-TV



Home / Eastern Iowa / Article

National Fossil Day sparks interest from Iowan paleontologists, students



By Aaron Scheinblum, KCRG-TV9 | Posted: Wed 10:02 AM, Oct 11, 2017



IOWA CITY, Iowa (KCRG-TV9) -- It's National Fossil Day across the country and Iowa is a surprising hotbed for fossil hunters.

There are literally tons of fossils that come to the University of lowa Paleontology Repository, and over half of them have actually been found here in Iowa.

According to experts like Tiffany Adrain, the Collections Manager at the repository, some 375 million years ago, lowa was underwater Many of these fossils are marine vertebrae pieces found inside of rocks.

They even have a fossils from mammoths and giant sloths.

Tiffany explained these fossils provide an excellent window into how powerful extinction can be.

"Extinction isn't just a thing of the past," Adrain said. "It isn't something that happened many many millions of years ago and it's payer going to be neally away.



A fossil from a sloth, collected at the University of Iowa Paleontology

it's never going to happen again. I think we have to be really aware of what may drive extinctions nowadays."

One of the main initiatives of National Fossil Day is to encourage younger people to be interested and engaged in paleontology,

Some of the students involved in the geosciences department at the University of lowa put in a lot of volunteering, as high as 300 hours a semester. They assist in cataloging the fossils and eventually will help digitize all of of these pieces, so the public can eventually access it from their website.



Find the Resources to Achieve Your Goals at Trident.



One of the students involved in the project explained he finds fossils and paleontology so fascinating because it provides an opportunity to literally unearth the truth about the past.

"But there's much more to everything that meets the eye for everybody," said Mitchell Carber, a senior majoring in Geosciences at the University of Iowa. "Because we mostly look at the ground but only on the soil. We don't look underneath it to try to understand what's held in the rock."

Check the next time in your garden, because you might be surprised with what you find; Miller said fossils in Iowa are often found in gravel.





National Fossil Day

Aaron Scheinblum and Matt Wilde preview National Fossil Day here in Iowa, and how paleontology is being studied at the University of Iowa.





National Park Service declares Oct. 11 National Fossil Day

One of the declaration goals was to get more people interested in paleontology.

KEMMERER GAZETTE

Celebrate National Fossil Day with events at Fossil Butte





By: Amanda Wilson, Fossil Butte National Monument - Updated: 2 weeks ago





Fossil Butte National Monument, located just outside of Kemmerer, will host National Fossil Day events on Saturday, Oct. 14. (COURTESY PHOTO / Fossil Butte National Monument)

On Saturday, Oct. 14, Fossil Butte National Monument staff and volunteers will host events in celebration of National Fossil Day.

Fossil Butte will be observing National Fossil Day from 8:00 a.m. - 4:30 p.m. with all-day activities, including hands-on demonstrations, arts and crafts and exhibit tours of the monument museum. The activities are geared for all ages.

From 11 a.m. - 1 p.m., the public can learn how to prepare fossils at the monument.

Visitors are invited to learn more about the art of fossil preparation and try it themselves.

Park staff will train participants in our fossil preparation lab using tools like microscopes, air scribes and air abrasives to uncover fossils that have never been seen before

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.

Join paleontologists, educators, and students in fossil-related events and activities across the country in parks, classrooms, and online during National Fossil Day.



National Fossil Day at Fossil Butte



@ © 2017-Kemmerer Gazette



By: Michelle Tibbetts, Gazette Reporter - Updated: 5 days ago



Joesn Capell, age 5, prepares a small fossil using the scratch method at one of the activity stations during the Fossil Day celebrations at Fossil Butte on Saturday, Oct. 14. (GAZETTE PHOTO / Michelle Tibbetts)

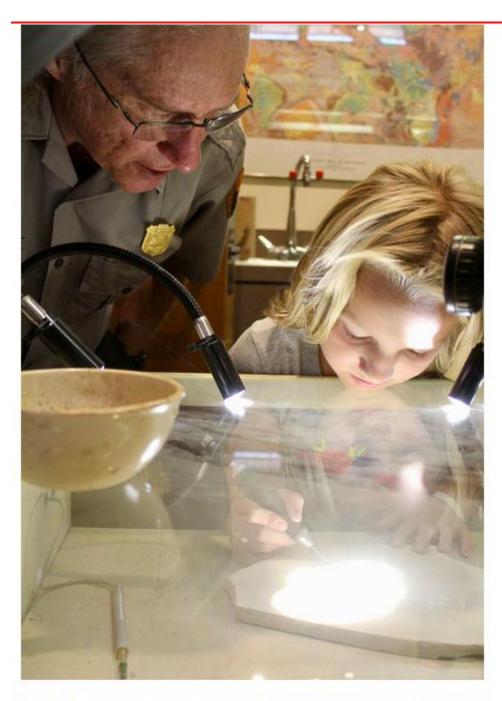


The staff at Fossil Butte National Monument celebrated Earth Science Week and National Fossil Day on Saturday, Oct. 14.

Fossil Butte welcomed locals and tourists to try their hand at fossil preparation and learn about the ancient Fossil Lake and its evolution.

Visitors could choose from a variety of activities, including rubbing plates, touch tables and an ecosystem cut and paste craft.

Fossil Butte park education technician John Collins was on site sharing his wealth of knowledge with visitors who had the chance to get involved with many aspects of fossil preparation.



Bridger Valley resident Nevaeh Major gets some instruction on fossil preparation from John Collins, Park Education Technician, at Fossil Butte's Fossil Day celebrations. (GAZETTE PHOTO / Michelle Tibbetts)

Collins explained how fossil preparation techniques have advanced over the years.

Attendees could then actually use the modern equipment in the fossil preparation booth. Collins demonstrated two different preparation tools – the air scribe and the micro-air abrasive.

"It's like a mini sand blaster," Collins said of the air scribe. "Powered by an air compressor, the tool blows a very fine iron powder."

The iron powder breaks away the limestone layer, exposing the fossilized remains. After Collins' brief explanation, people were invited to give the equipment a try and learn firsthand what it is like to be a fossil preparatory.

Each operator used a microscope to examine the fossil as they removed the layers of limestone to reveal delicate bones of fossilized fish.

People could view the work being done in great detail, thanks to the video monitor broadcasting the action to the crowd in the monument museum.

KFYR-TV



Home / Science / Article

Paleontologists educate community members for National Fossil Day



By Megan Hoffman | Posted: Thu 12:19 PM, Oct 12, 2017



BISMARCK, N.D. - There's a day dedicated to just about everything, and Wednesday was National Fossil Day.

The North Dakota Geological Survey (NDGS) spent time talking to community members and kids at the Heritage Center, educating them about fossils. Several paleontologists were examining rocks or what people think might be fossils that they had found.

"A lot of people don't realize that we have a lot of fossils in North Dakota and that they could be out almost anywhere in North Dakota taking a hike somewhere and potentially run into fossils," said NDGS senior pale

The group also was showing off the tooth of a Tyrannosaurus Rex that was found this past summer at a site south of Bismarck.







Students rock out at Gem and Mineral Show



Paleontologists educate community members for National Fossil Day



A look back at 1979 eclipse in Williston



View of near solar eclipse totality from Sturgis, S.D.



Monsignor travels to Casper, Wyo., to view totality of eclipse





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KIWA Radio



Peterson, Iowa — The Prairie Heritage Center between Sutherland and Peterson on Highway 10 is marking International Archaeology Day at their facility this weekend.

The actual day is this Saturday, October 21st, but the events at the Prairie Heritage Center are the next day, Sunday the 22nd.

According to the Archaeological Institute of America, International Archaeology Day is a celebration of archaeology and the thrill of discovery. Every October the AIA and archaeological organizations across the United States, Canada, and abroad present archaeological programs and activities for people of all ages and interests. Whether it is a family-friendly archaeology fair, a guided tour of a local archaeological site, a simulated dig, a lecture or a classroom visit from an archaeologist, the institute says the interactive, hands-on International Archaeology Day programs provide the chance to "indulge your inner Indiana Jones."

You can celebrate International Archaeology Day at the Prarie Heritage Center on Sunday by learning about some games from the past. Those in charge say it will be a hands-on event that engages participants in playing a wide variety of games. They tell us you can try your luck with games of chance, test your senses with observation tests, and hone your skills with active games. They say the event will include activities appropriate for people of all ages.

Again it's this Sunday, October 22nd, starting at 2:00 p.m.

Knoxville News Sentinel



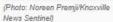


Halloween Corner Costumes & Accessories clerk Meghan Williams holds two of their more popular masks at their store on Washington Pike in the Washington Market shopping center Tuesday, Oct. 3, 2017. Michael Patrick/Knoxville News Sentinel



Meghan Williams

Clerk at Halloween Corner in East Knoxville







It's the first week-long reprieve from the grind of school, so Knox County Schools' fall break is worth celebrating. Here are a few things to do throughout the break to liven up your plans with kid-friendly fun.





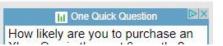






Get Outside! Yes, You!

Send the kids outside on Tuesday, Oct. 10. It's "No Child Left Inside Day," as part of Earth Science Week. The Muse Knoxville, a children's science museum, celebrates with an outdoors day themed around pumpkins. The book "Seed to Pumpkin" will be read on the hour. Children can feel inside a pumpkin, determine if different pumpkins sink or float in water, and make a pumpkin take-home craft. The Muse is open 9 a.m.-5 p.m. Admission is \$7 for ages 2 to 64, and free for senior citizens 65 and older or children younger than age 2.



Fast-track yo with a data a from UMUC.

UMUC
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Emma Martin, 11, dressed as Robin, left, and Mackinzie, 10, dressed as Mal Bertha from Disney's "Descendants," pose with members of the City of Knoxville Public Service Department dressed as Ghostbusters on Saturday, Oct. 16, 2016, at Zoo Knoxville's 30th annual BOO! at the Zoo. (Photo: Noreen Premji / Knoxville News Sentinel)

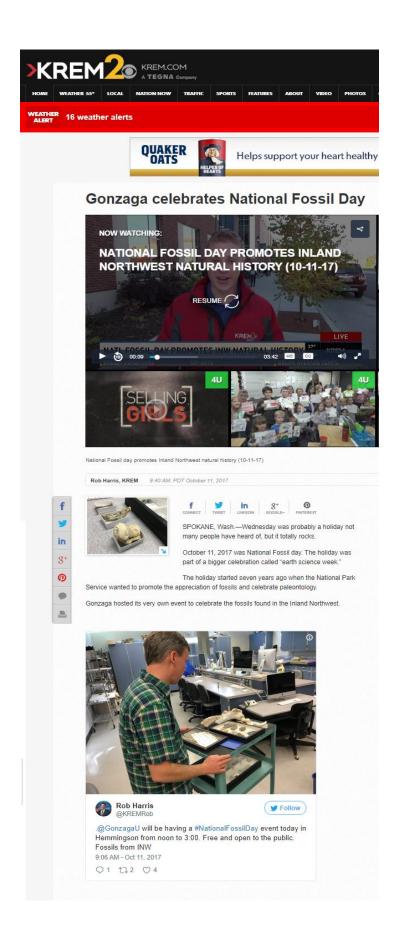
STEAM in the City

Market Square will showcase some scientific activities with STEAM in the City presented by TVA. The free event will go from 6-9 p.m. Saturday, Oct. 14. It will feature robotics competitions that attendees of all ages can participate in, hands-on science entertainment and a Global Cardboard Challenge, where participants can build creations using cardboard, tools and craft materials.

For more information on the event, visit http://www.themuseknoxville.org/steam-in-the-city.

Fossils and More at McClung

End fall break with Can You Dig It?, also known as Archaeology and Fossil Day at the McClung Museum of Natural History and Culture. The University of Tennessee museum at 1327 Circle Park Drive hosts the free Family Fun Day 1:30-5 p.m. Sunday, Oct. 15. Bring rocks, fossils or other artifacts for identification by archaeologists and paleontologists and their graduate students, There'll also be crafts and games.



KTVZ



News

Oregon lidar map shows new way to see familiar places

It's online for all to try out

By: KTVZ.COM news sources

Posted: Oct 10, 2017 06:39 PM PDT Updated: Oct 10, 2017 06:39 PM PDT









The viewer's launch is happening during Earth Science Week, proclaimed as October 8-14 by Governor Kate Brown. The week's theme of "Earth and Human Activity" promotes awareness of what geoscience tells us about human interaction with the planet's natural systems and processes.

Find the Lidar Data Viewer interactive map at: www.oregongeology.org/lidar

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(Oct 13) the ...

BIG Crowds This Weekend at Zion

Springdale, UT- Visita



National Fossil Day!



September 27 13:54 2017

⊉ by KXAZ News

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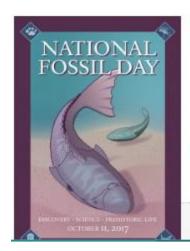
Everyone who loves fossils is invited to join Glen Canyon National Recreation Area's celebration of National Fossil Day™ on Wednesday, October 11. This free event is being held at the Carl Hayden Visitor Center from 12 to 5 p.m.

Kids can earn their Junior Ranger Paleontology Badge, dig for fossils and decorate a Jurassic landscape.

The Carl Hayden Visitor Center also has a permanent dinosaur track exhibit.

According to Superintendent William Shott, "Glen Canyon National Recreation Area has many canyons with exposed rock layers, revealing fossils, traces of past life forms and chapters of the earth's history. The National Park Service preserves and protects these resources for future generations, so we love engaging directly with kids and their families at special events like this."





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.

More information about the Junior Paleontologist Program and additional educational resources is available at this link: NPS National Fossil Day.

For additional information visit, Glen Canyon National Recreation Area and

Rainbow Bridge National Monument websites.

Thanks to Mary Plumb for the story.

Tags

gien canyon national recreation area

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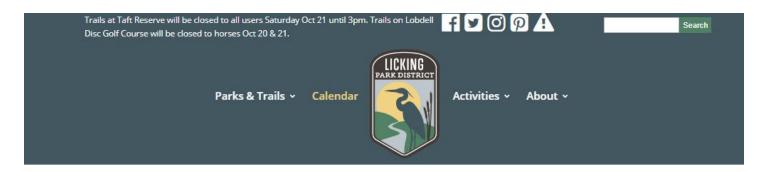
Leominster Champion

11 Wednesday

National Fossil Day: Meet a Paleontologist. Harvard Museum of Natural History, 26 Oxford St., Cambridge. 10 a.m.-4 p.m. Celebrate National Fossil Day with ancient trilobites, sea scorpions, saber-toothed cats, giant ground sloths, and more. Free with admission. Members free; nonmember adults \$12, youths ages 3 and up \$8, ages under 3 free. hmnh.harvard.edu.

ARTfull Play. deCordova Sculpture Park and Museum, 51 Sandy Pond Rd., Lincoln. 10:30 a.m.-11:30 a.m. Engage with art, stories, materials, nature, and new friends during multi-sensory activities. Recommended for ages 2 to 5. Free with admission. Members free; nonmember adults \$14, children 12 and under free. deCordova.org.

Licking Park District



« All Events This event has passed.

Earth Science Week Hike - Lobdell Reserve

October 14 @ 10:00 AM - 12:00 PM



Come enjoy a hike through Lobdell Reserve led by the Ohio Geological Survey to celebrate Earth Science Week. On this hike, explorers can examine the natural cliffs of shale and glacial till carved out by Lobdell Run Creek and ponder how this landscape has changed overtime because of glaciers, erosion, and human activity. Time will be spent in the stream getting up close and personal with the exposed cliff faces, so participants are encouraged to dress accordingly. Contact geologists Andy Nash at 614-265-6582 or Nate Erber at 614-265-6599 for more information.

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Life Magazine



Home » science » Winners of 2017 Earth Science Week photo contest announced



By Harry Pettit For Mailonline

Published: 04:45 EDT, 9 October 2017 | Updated: 04:46 EDT, 9 October 2017

The stunning view on top of Mam Tor, a hill in Derbyshire. The 517 metre (1,696 ft) land mass' name means 'mother hill' because frequent landslips on its eastern face have resulted in a multitude of 'mini-hills' beneath it

@ Wayne Brittle

- The 12 stunning images represent the processes that have shaped the UK and Ireland over its tectonic history
- The winning images range from limestone erosion at the Gower Peninsula, Wales, to the dramatic landscape of Glencoe
- The images will all feature in a 2018 calendar, with the awards to be presented at an event to launch
 Earth Science Week on Monday 9 October

Los Alamos Daily Post



MAKE AN IMPACT

IN 2017

This exhibit opens on International Archaeology Day, at the Center for New Mexico Archaeology (7 Old Cochiti Road @). After that, the exhibit is open to the public Monday through Friday 8 a.m. to 5 p.m.and closed on holidays.

collection of points can impact the archaeological record.

Paleoindian times (13,500 years ago), through the Archaic, and into Puebloan times (1,260 to 110 years ago) as well as some of the exotic points that have come to New Mexico from California and Texas. The exhibit discusses how archaeologists classify points, why they change through time, and how illegal



All activities are free and open to the public, and reservations are not required. The event is sponsored in part by the Tennessee Valley Authority, Publix, the Archaeological Research Laboratory, UT's School of Art, and the following UT departments: anthropology, earth and planetary sciences, classics, religious studies, and history.

International Archaeology Day is a project of the Archaeological Institute of America, and the East Tennessee chapter in Knoxville is participating in Can You Dig It? The organization sponsors local activities about archaeological projects around the world. National Fossil Day was begun by the National Park Service to encourage interest in the field of paleontology and the study of fossils.

The McClung Museum will also host a panel of local female scientists at 3 p.m. Sunday, October 15, in the museum's auditorium. The panel is part of the state-wide Tennessee STEAM Festival, a celebration of science, technology, engineering, art, and math. The objective is to engage high school seniors and undergraduate women considering advancing their academic paths. The panel will promote the diversity of career options within the STEAM branches and will highlight the support available to women through mentorships and professional networks.

The museum is at 1327 Circle Park Drive on UT's campus. The museum is open 9 a.m. to 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 also available via the Knoxville Trolley Vol Line.

Martinsville Bulletin

MARTINSVILLE BULLETIN

findit



EDITOR'S PICK SPOTLIGHT FEATURED

Museum set to host Archaeology Day this weekend

By Amie Knowles Oct 12, 2017 🗪 (0)



A group of youngsters dig for dinosaurs in a sand pit at the Virginia Museum of Natural History

MARTINSVILLE-Area residents are sure to dig International Archaeology Day at the Virginia Museum of Natural History (VMNH), which takes place this Saturday.

According to VMNH Marketing Manager Zach Ryder, special events will be taking place at the museum beginning at 12 p.m. to celebrate International Archaeology Day, and the attractions are designed to appeal to adults and children alike.

At 1 p.m., 2 p.m. and 3 p.m. on Saturday, Ryder said, the archaeology lab will be opened to visitors and tours will be conducted so that people can learn more about the hard work done behind the scenes.

"Dr. Elizabeth Moore, our curator of archaeology, will be on-hand, so she'll be able to talk about her research and what she does on a daily basis here at the museum," Ryder said. "It's a great way to showcase our archaeology program and the actual research that goes on here at the museum."

From 12:30-2:30 p.m., Ryder said, the museum will offer games and crafts for children, which will be centered around the lives of American Indians.

Both children and adults, Ryder said, will "definitely be able to learn something and experience the museum in a new way."

Ryder said that the museum always strives to let visitors know about career opportunities in the sciences, especially young people trying to figure out what they want to do in their futures. International Archaeology Day is a great opportunity to do just that, he said.

"It's a great way for us to showcase the science that's taking place here at the museum," he said.



When people think of VMNH, Ryder said, they often think of exhibits and public events. Those are a major part of the museum's mission, Ryder said, but the science that takes place daily in the museum's departments is also crucially important, and International Archaeology Day will give people an opportunity to see that work first-hand.

"The scientists we have on-staff are not only nationally renowned, but also internationally renowned in their respective fields," he said.

The event will take place on Saturday, and the museum will be open during its regular Saturday hours of 9 a.m. to 5 p.m. General admission rates will apply: \$7 for ages 19-59; \$5 for children aged 3-18, college students, and seniors 60 and older; and free for children younger than three and museum members.

For more information, visit vmnh.net.

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1 DECEMBER 2017 BY RONY DELUCIA

National Humanities Conference Highlights Innovative Public Outreach by Learned Societies

Source: imported from this press release.



⊕Printer-friendly version

A special panel at the <u>2017 National Humanities Conference</u> in Boston brought together the executive directors of four ACLS member societies to discuss their associations' efforts to increase public engagement with humanities research. The society directors presented a diverse array of initiatives, from a major traveling exhibition and interactive website that explore the fraught topic of race to a US government supported effort to monitor and remediate the destruction of cultural heritage sites in the conflict zones in the Middle East.

The panel made clear that the traditional role of learned societies, to advance scholarship and to support the careers of educators and researchers in their fields, is increasingly coupled with a new mandate: to broaden the understanding of their subjects among the general public.

Ed Liebow of the American Anthropological Association (AAA) presented the association's Race Project, which has produced a traveling exhibition, interactive website, and package of education materials that helps the public understand how race, a relatively recent cultural and political concept, differs from the biological phenomenon of human variation. The success of the multi-platform project led AAA to begin a similar effort, entitled *World on the Move*, that educates the public and dispel misconceptions about human migration and displacement.

Pauline Saliga highlighted <u>SAH Archipedia</u>, a growing, interactive digital encyclopedia produced by the Society of Architectural Historians that catalogues the built world with histories, photographs, and maps. Saliga also pointed to SAH's award-winning book series, <u>Buildings of the United States</u>, which offer state-by-state guides to the rich architectural heritage of the United States for a variety of audiences, including community planners, elementary and secondary school classrooms, and the general public.

Ann Benbow of the Architectural Institute of America described three of the AIA's outreach efforts: <u>Archaeology</u> magazine, a popular and colorful compelling narratives about the human past from every corner of the globe. Edited for a general audience, our news, features, and photo essays employ in-depth reporting, cogent analysis, and vivid storytelling to provide an accurate and often surprisingly intimate look at the record of human existence; the <u>AIA Lecture Program</u>, which each year mounts over 100 free, public lectures by AIA scholars on a range of archaeological topics; and <u>International Archaeology Day</u>, which this year featured over 900 archaeology-themed events for people of all ages in communities across the United States and in 14 other countries.

Missoulian



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University of Montana Paleontology Center celebrates National Fossil Day

KEILA SZPALLER keila.szpaller@missoulian.com Oct 9, 2017



University of Montana geosciences doctoral student Montana Hodges displays one of several Jurassic coral and BUYNOW crustacean specimens she collected in the paleontology lab at the University of Montana on Friday. Hodges and UM geosciences professor George Stanley are researching the collapse and recovery cycles of coral reefs after the Triassic-Jurassic mass extinction.

Tommy Martino, Missoulian

MORE INFORMATION



UM Drama builds its own Globe Theatre for 'As You Like

The interior of the Masquer Theatre will feel more like Shakespeare's Globe for his comedy, "As You Like It."



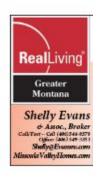




Meet "Wonderful Weirdos" at the University of Montana Paleontology Center this Wednesday during a celebration of National Fossil Day.

From 5 p.m. to 8 p.m. Wednesday, the center invites people to the Charles H. Clapp Building to learn about fossils.

"Anyone who has interest in fossils or earth history should come by and visit us for National Fossil Day," said Kallie Moore, Paleontology Center collections manager in a statement. "The UMPC has been involved with National Fossil Day since it was established in 2010, and we love bringing the amazing field of paleontology to the community."



RECOMMENDE



Report: Glacier and Yellowstone attract most of Montana's tourists, spending



Budget cuts ax Grizzly Marching Band trip to Bozeman; alumni spearhead fundraising efforts



 Engen and Triepke square off in first head-to-head forum

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At the free event, activities include fossil identifications, tours of displays and research collections, and a chance to hear about research going on at the center. Started in 1898, the center has collected more than 50,000 vertebrate, invertebrate and plant specimens.



"The year's event will highlight 'Wonderful Weirdos' in the collection," said a news release from UM.

National Fossil Day is a project of the U.S. National Park Service. On its website, the park service asks, "Why do we study fossils?" and it poses an answer.

"Fossils help us understand life's past. Without fossils, we'd know nothing of the mighty dinosaurs, tiny three-toed horses, and thousands of other prehistoric forms that are long extinct. Fossils also provide clues to the interrelationships of all species."

The UM Paleontology Center asks participants to enter through the breezeway of the Clapp Building, on the southeast corner of campus. For more information, contact Moore at (406) 243-5406 or kallie.moore@mso.umt.edu or go to http://hs.umt.edu/paleo/fossil-day.php.



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Winners of 2017 Earth Science Week photo contest announced





The UK Geological Society has announced the winners of the 2017 Earth Science Week photography competition, 'Our Restless Earth.'

The 12 stunning images represent the dynamic processes that have shaped the UK and Ireland over its tectonic history, from ancient volcanic activity to ice age glaciers.

MV Times



With very little on television these days that will actually prove to be relaxing to watch, I have found the most peaceful, relaxing occupation ever right in my front yard. My new hummingbird feeder has provided entertainment for all of us from the moment it was put up. Those amazing birds fanning their wings in midflight and while sipping up their drink are astonishing. And every once in a while they will put on a dance as two of them whiz by side by side close to me while I sit quietly on a chair on the porch.

This Saturday will provide activities for everyone, as once again it is Tivoli Day in Oak Bluffs.

The George Tankard Jr. Memorial NAACP races start at Summercamp, the former Wesley House. It is a TAC-certified race around East Chop, with the one-mile Fun Run starting at 10:30 am, and the 5K run/walk at 11 am. For more info call Carrie at 508-693-2797 or email tankard@comcast.net.



Don't forget the Jena's Ring Challenge, to be held at the Flying Horses. Show your skills and see who will be the champion at catching the most rings at this annual fundraiser to support the Jena Pothier Flying Horses Scholarship Fund. Enter one of four divisions: mini juniors, up to 8; juniors, 9-15; adult, 16-plus; or professionals, any age, you know who you are. Entry fee of \$10 at the door, or preregister at their Tivoli table. All entrants receive a commemorative brass ring.



Featherstone Center for the Arts in Oak Bluffs will celebrate Classical Music Month with a new show, "Moz-ART: Art Inspired by Music." Opening reception will be on Sunday, Sept. 17, from 4 to 6 pm. The show runs through Oct. 4.

Our library continues with many interesting programs. On Tuesday, Sept. 19, at 6 pm, Nat Benjamin will give a presentation about his sail to Haiti aboard Charlotte, a 50-foot schooner which

was built at Gannon and Benjamin Marine Railway. Attendees are encouraged to come with questions about both wooden boatbuilding and sailing.

For the kids on Saturday, Sept. 16, at 10:30 am, graphic artist David Cundy reads from and talks about his new picture book, "Animals Spell Love."

Family Night at the Library is Tuesday, Sept. 19, at 6:30 pm. Dress in PJs and come to the library for bedtime stories. Bring a stuffy if you wish. Especially suited for school-age kids and their families.

Crafty Storytime every Wednesday in September at 10:30 am. Songs, stories and a craft to celebrate Maritime Month. Best for ages 3 and up. Cronigs Real Estate

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Here's a heads-up for National Fossil Day at the
library from 4 to 7:45 pm, on Thursday, Oct. 12. Save the date; more info will be coming.





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Home > Community > National Fossil Day

National Fossil Day

October 6, 2017









Thursday, Oct. 12, from 4 to 7:45 pm is National Fossil Day 2017 at the Oak Bluffs library. According to a press release, everyone is invited. It's a drop-in and mingle event. Everyone is encouraged to bring fossils to show to others or to ask about.

There will be presenters from the Martha's Vineyard Museum; Jessica Cundiff, Joe Martinez, and Scott Smyers from the Harvard Museum of Comparative Zoology; Betsy Dripps and Jill Bouck from the Polly Hill Arboretum; Janet Holladay of Felix Neck Wildlife Sanctuary; along with Duncan Caldwell, Jacob and Sam Gurney, Michael Wooley, Bill Moody, Anne and Wendy Fulbert, Fred Hotchkiss, and others.



NASA Education

Opportunities for Future Scientists of All Ages

NEW Earth Science Week 2017 Contests

Audience: All Educators and Students Entry Deadline: Oct. 13, 2017

The American Geosciences Institute is sponsoring a series of contests to celebrate Earth Science Week 2017. This year's celebration takes place Oct. 8-14, 2017.

Earth Science Week 2017 Photography Contest — Open to All Ages

http://www.earthsciweek.org/contests/photography/index.html

Humans interact with the planet's natural systems in many ways. With a camera, capture evidence of some ways people affect, or are affected by, Earth systems around your home, neighborhood, school, workplace, or local public spaces. In a photo, show human interaction with natural systems where you are.

Earth Science Week 2017 Visual Arts Contest — Open to K-5 Students

http://www.earthsciweek.org/contests/visualarts/index.html

The natural world is part of many things that people do. Think of where our food, clothes and homes come from. Think of the forces that shape our weather, our travels, our habits and all the things we can (and cannot) do. Create a picture that shows how human activities shape, and are shaped by, Earth systems.

Earth Science Week 2017 Essay Contest — Open to Students in Grades 6-9

http://www.earthsciweek.org/contests/essay/index.html

Earth science expands our understanding of human interaction with the planet's natural systems and processes. Geoscientists explore the relationship between human activity and Earth's systems. The impact of their research can be seen in areas such as energy, technology, climate change, the environment, natural disasters, industry, agriculture and tourism. Focusing on one topic, explain how geoscience helps us make the most of opportunities and manage challenges.

Earth Science Week 2017 Video Contest — Open to All Ages

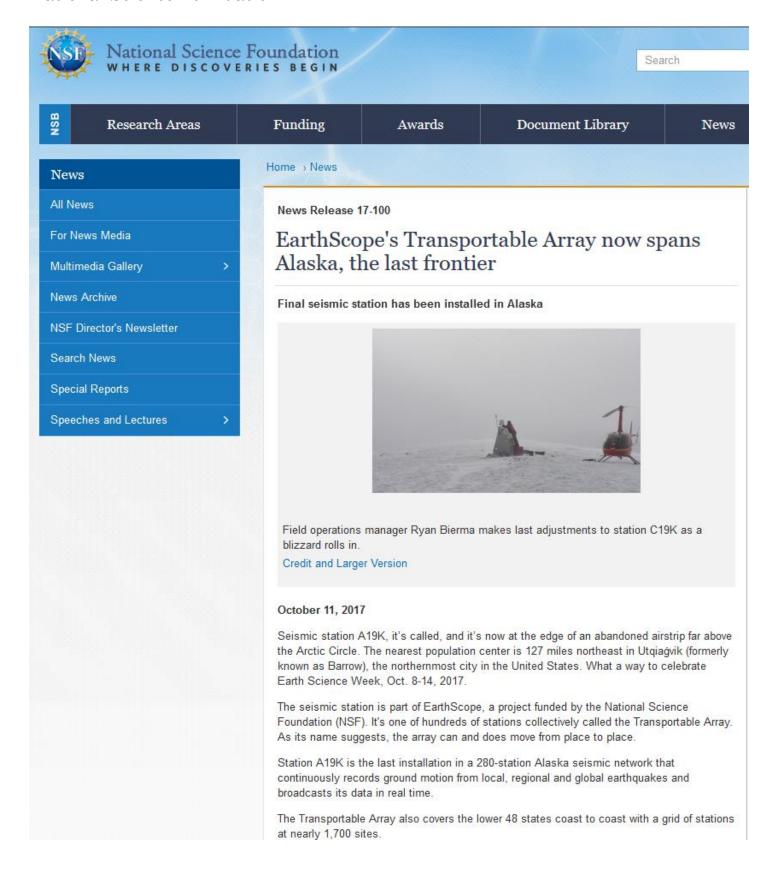
http://www.earthsciweek.org/earth-connections

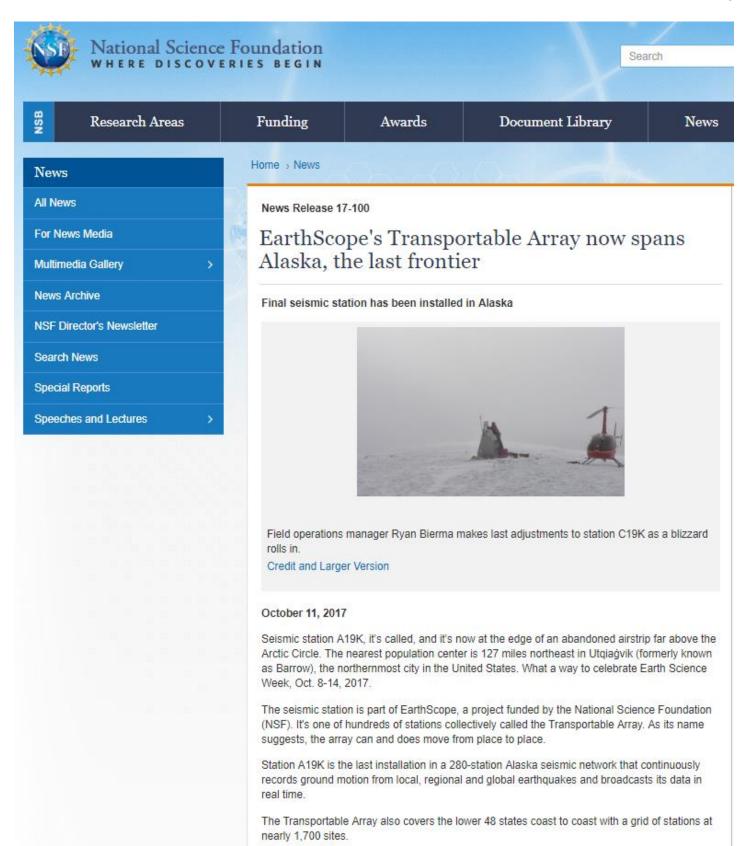
Explore the relationship between human activity and Earth systems, including the geosphere (earth), hydrosphere (water), atmosphere (air) and biosphere (life). Submit a brief, 30-90 second original video that tells viewers about how people have an impact on Earth systems, or how Earth systems have an impact on people, in your part of the world.

The entry deadline for all four contests is **Oct. 13, 2017**. Visit the contest websites for full details.

If you have any questions about these contests, please email the Earth Science Week staff at $\underline{info@earthsciweek.org}$.

National Science Foundation







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News Release 17-101

Fossil discovery in Tanzania reveals ancient bobcat-sized carnivore

Species faced many of the same challenges as African carnivores today



View video

Paleontologists discover ancient bobcat-sized carnivore! Credit and Larger Version

October 11, 2017

Paleontologists working in Tanzania have identified a new species of hyaenodont, a type of extinct meat-eating mammal. The study is published today, National Fossil Day, in the journal PLOS ONE and funded by the National Science Foundation (NSF).

After the extinction of the non-avian dinosaurs 66 million years ago, hyaenodonts were the main predators on the African continent. The newly discovered animal is called *Pakakali rukwaensis*, the name derived from the Swahili term "pakakali," meaning "fierce cat," and "rukwaensis," the word for the Rukwa Rift region of the Great Rift Valley in southwestern Tanzania.

Between 23 and 25 million years ago, newcomers arrived in Africa -- the first relatives of modern dogs, cats and hyenas -- where they coexisted with hyaenodonts for millions of years. But eventually, hyaenodonts went extinct.

"The shift from hyaenodonts to modern carnivores in Africa is like a controlled experiment," says study co-author Matthew Borths of Ohio University.

"We start with only hyaenodonts. Then the relatives of cats and dogs arrive. They coexist for a few million years, then the hyaenodonts are driven to extinction and we're left with 'The Lion King.' With *Pakakali*, we can start to unravel that extinction. Were the lineages competing? Were they adapting differently to a drier, more open landscape?"

The new fossil helps researchers unravel extinction dynamics for predatory mammals stalking African ecosystems of that long-ago time.

"This new carnivore, discovered in Tanzania sediment deposits dating from 25 million years ago, provides new information about the transition of carnivores in older ecosystem types to carnivores in today's African ecosystems," says Judy Skog, program director in NSF's Division of Earth Sciences, which funded the research.

The new hyaenodont species was discovered in the same 25 million-year-old rocks as the oldest fossil evidence of the split between Old World monkeys and apes. At that time, the ecosystem was undergoing dramatic climate and tectonic upheavals as Africa collided with Eurasia and the modern East African Rift System formed.

The fossil gives paleontologists a glimpse of hyaenodont anatomy before modern carnivores invaded the continent, revealing that *Pakakali* was about the size of a bobcat.

Based on the findings of the study, hyaenodonts may have been pushed to become more specialized meat-eaters due to competition from other species. That dietary specialization may have made hyaenodonts more vulnerable to extinction in the changing African ecosystem by leaving them with fewer food choices.

Pakakali was discovered by an international team of scientists from the United States, Australia and Tanzania as part of the Rukwa Rift Basin Project (RRBP), an interdisciplinary collaboration examining the development of the modern African ecosystem. In more than a decade of exploration, RRBP researchers have described the habitat Pakakali called home along with many other animals that occupied the ecosystem.

"The environment containing Pakakali reveals a fascinating window into extinction," says Nancy Stevens, co-author of the study and a paleontologist at Ohio University. "It highlights the vulnerability of carnivorous species to rapid environmental change, a topic we are grappling with on the African continent today."

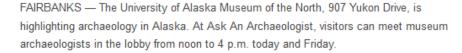
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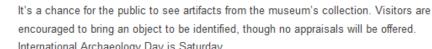
News Miner



Museum of the North celebrates archaeology and science fiction with two events

Staff Report, features@newsminer.com Oct 19, 2017 . (0)







In time for Halloween, the museum also is taking on the science behind science fiction. The Alaska branch of the American Society for Microbiology is presenting a two-night "Science of Science Fiction" film series at the museum.

On Tuesday, film scholar Michael Lee of the University of Oklahoma will introduce the 1945 film "House of Dracula" followed by scientific commentary on the film by Mary Beth Leigh, a microbiologist at the University of Alaska Institute of Arctic Biology. Lee, the film scholar, will also introduce the 1957 film "The Deadly Mantis" on Wednesday. After that film, insect curator Derek Sikes will discuss the scientific facts and fictions behind the depiction of a giant, ancient mantis that emerges from an Arctic glacier.

Both events begin at 7 p.m. in the museum's auditorium. The series is also supported by the UAMN Alaska Center for Documentary Film and the UAF CITE Fellows Program. For more information about the museum's programs and events, visit the website at www.uaf.edu/museum or call 474-7505.







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TOP STORIES WORLD U.S. U.K. AUSTRALIA POLITICS BUSINESS

Winners of 2017 Earth Science Week photo contest announced Latest News

Newsround



The UK Geological Society has announced the winners of the 2017 Earth Science Week photography competition, 'Our Restless Earth.'

G+ in 🗐

The 12 stunning images represent the dynamic processes that have shaped the UK and Ireland over its tectonic history, from ancient volcanic activity to ice age glaciers.

The winning images range from limestone erosion at the Gower Peninsula, Wales, to the dramatic landscape of Glencoe – the remains of an ancient super-volcano which was erupting some 420 million years ago.

First place has been awarded to Milena Farajewicz for 'Three sisters of Glencoe in autumn', Second place is awarded to Emma Smith for 'Clifftop bowling overlooking Loch Maree', and third place to Kevin Privett for 'Limestone weathering, Gower'

The 12 images will all feature in a 2018 calendar, with the awards to be presented at a London event to launch Earth Science Week on Monday 9 October.

Newstral



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Earth Science Bowl competition to be held Oct. 17					
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SOURCE: ANDY SILVERMAN FOR THE SANTA BARBARA MUSEUM OF NATURAL HISTORY



Science, nature, space, bugs, mammals, art — there's something for everyone at the Santa Barbara Museum of Natural History's Naturally Wild Weekend.



Wild Things at Santa Barbara Museum of Natural History will feature the work of naturalist John James Audubon. (Santa Barbara Museum of Natural History)

The museum, at 2559 Puesta del Sol, has a lineup of activities planned for 10 a.m.-5 p.m. Oct. 14-15, and is offering special pricing for guests, including half-priced admission on Saturday and free admission on Sunday.

Some museum fan favorites are scheduled Saturday including Bug Boot Camp; a Science on Site event celebrating National Fossil Day; and Eyes in the Sky, where guests can get an up-close look at owls, hawks and other local birds of prey.

The monthly Star Party is also scheduled for Saturday night from dusk to 10 p.m.

One highlight of the weekend will be the grand opening of the Wild Things exhibit in the museum's Maximus Gallery, which will feature artwork from John James Audubon, the artist and naturalist famous for his work on the birds of America.

The gallery will feature some 30 hand-colored lithographs of Audubon's work on North American mammals, which were printed and published between 1845-1848.

"Our staff is looking forward to a weekend of naturally wild activities and family fun," said Luke Swetland, museum president/CEO. There will be engaging, interactive exhibits and unique things to do from open to close, and the opening of the Wild Things gallery only adds to the excitement.

"We're expecting our campus to be filled with both kids and adults who are eager to explore."



Below is the full lineup of activities for the Naturally Wild Weekend.

North Texas e-News

School News

Fannin County makes ready for National Earth Science Week with opportunities for no kid to be left inside!

By Doug Franklin Oct 14, 2017

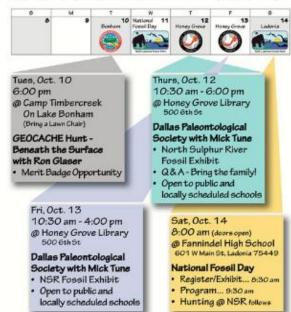


Fannin County -- A week of activities that allow folks to locate themselves in natural Fannin County will be the focus of weeklong events October 10 through October 14 as locals, students, visiting scientists, fossil hunters and enthusiasts gather here during National Earth Science Week. At the end of the four days of learning opportunities, participants will understand earthcacheing of locations around the county, see displays of rare and unusual fossils from the Cretaceous and Pleistocene Periods, and join in exploration for the same at North Sulphur River.



This year marks the seventh year for a local observance. In 2011, the local Bois d' Arc Chapter of Texas Master Naturalist teamed with the Dallas Paleontological Society, the Ladonia Chamber of Commerce and the City of Ladonia to become sanctioned by the National Park Service and become a sponsoring participant in National Fossil Day. That day has morphed into National Earth Science Week led by the American Geosciences Institute. Other organizations contributing to the 2017 observance include the Bertha Voyer Memorial Library, the Blackland Prairie Chapter of Texas Master Naturalist, and the Ladonia Volunteer Fire Department.





A TMN training adventure at Camp Timbercreek on Lake Bonham on October 10 begins the weeklong events. Local naturalist Ron Glaser will conduct training on using Cell phone apps and GPS to find outdoor locations, both natural and manmade. The event beginning at 8pm is open to the public at no charge but attendees are reminded to bring a lawn chair. On October 12 and 13, the Dallas Paleontological Society will take part at Honey Grove's Bertha Voyer Memorial Library in a series of fossil presentations and displays for school age audiences all about North Sulphur River fossils. Mick Tune and other volunteers from Dallas Paleontological Society will present special programs on fossils, followed by Q & A, again open to the public at no charge.



On Saturday, October 14, the focus moves to Fannindel High School Cafeteria, Ladonia, for a workshop starting at 9:30 am. Registration begins an hour earlier with fossil identification table, local fossil displays, and special collectors tables.

The workshop will open with Kenny Karl, a Bois d' Arc Chapter Master Naturalist, giving the history of North Sulphur River (NSR) and how the park came to be among the best surface hunting locations in Texas.

Fossil collector PK Kirkpatrick, collector in NSR for more than 25 years will address safety issues for hunting at the Park and share information on what to look for and how to have a great hunt at the North Sulphur River Canyon, located a couple of miles north of Ladonia.



Special guest speaker for the workshop is Mick Tune, a member of Dallas Paleontological Society, an author of newly released "Wildering: Anyone's Guide to Enjoying the American Wilderness" that includes exploration stories of the North Sulphur River Canyon fossil beds. The North Sulphur River in southeast Fannin County is noted for Cretaceous Period marine megafossils such as mosasaurs and plesiosaurs and for loe Age fossils such as mammoths and mastodons.

Volunteers from Dallas Paleontological Society Bois d' Arc Chapter. Master Naturalist will be present to assist at the park. Mick Tune of DPS will lead identifying finds and offering information about what is found.

Ohio Department of Natural Resources

ODNR Leads Celebration of Earth Science Week in Ohio

9/29/2017	Ohio DNR	in Geological Survey	

Earth Science Week teacher toolkits available for Ohio educators

COLUMBUS, OH – Ohioans are invited to join the Ohio Department of Natural Resources (ODNR) in exploring the state's natural history during Earth Science Week, Oct. 8–14. Geologists will give talks and lead hikes and fossil collecting throughout the state at parks, preserves and other important geologic sites.

As part of National Earth Science Week—themed "Earth and Human Activity"—the celebration engages young people and the public to promote awareness of what geoscience tells us about human interaction with Earth's natural systems and processes, fostering responsible stewardship of the natural environment.

Now in its 20th year, Earth Science Week is sponsored by the American Geological Institute. The event encourages people to learn more about the geosciences, promotes an awareness of the natural world and features several Focus Days, which target particular themes, such as science literacy, fossils and geoscience careers.

This year, the ODNR Division of Geological Survey will begin the celebration on Saturday, Oct. 7. Staff geologists will visit classrooms and be available at several hikes and other events at various sites, including Mohican and Caesar Creek state parks, Blackhand Gorge State Nature Preserve and the Ohio Statehouse. A complete list of events is available at geosurvey.ohiodnr.gov, along with various free resources, such as walking tour guides, leaflets and maps Ohioans can use to explore the state's geology.

Also available to Ohio teachers and educators are a limited number of Earth Science Week teacher toolkits. The toolkits include experiment instructions, a calendar, posters, activity sheets and more materials for teachers to use in the classroom. Toolkits are free (except shipping) for any Ohio teacher, while supplies last.

The ODNR Division of Geological Survey also is offering special discounts on guidebooks, maps, educational materials and more. Items published before 2000 are marked down 75 percent, and items published in 2000 and after are 25 percent off. The sale runs during the entire month of October. Visit OhioGeology.com for full details.

Teacher toolkits, maps and publications can be ordered by visiting the Geologic Records Center, 2045 Morse Road, Building C-1, Columbus, 43229 or by calling 614-265-6576.

The ODNR Division of Geological Survey encourages teachers and all Ohioans to take advantage of the opportunities available during Earth Science Week to explore and learn more about the geology beneath their feet.

ODNR ensures a balance between wise use and protection of our natural resources for the benefit of all. Visit the ODNR website at ohiodnr.gov.



Ohio Department of NATURAL RESOURCES







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JULY 26 - AUG. 6, 2017

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Amphitheater Schedule

Paddle a Kayak

Kids Fishing Pond

Talk to Smokey Bear

Animals in the Park

Butterfly House

Learn About Nature

Tallgrass Prairie

Camper Village

Arboretum

Link to Fairgrounds Map

Ohio Expo Center & State Fair 717 E. 17th Avenue Columbus, OH 43211

Get Directions



Explore Ohio's natural history and take a... Geological Walk Through Time

A unique learning experience for anyone interested in Ohio's natural history, this 286-ftlong walkway sits within the Natural Resources Park at the Ohio State Fairgrounds. The Geo Walk examines ancient natural materials that have shaped Ohio's economy, agriculture, recreation and even the arts.

The Geo Walk includes:

- The world's largest geological map, showing all of Ohio's 88 counties, so visitors can learn about the geologic setting in their hometowns.
- Boulders from across the state that give visitors a chance to get close and touch the rocks beneath our feet.
- Samples of industrial minerals that have been important to the state economy.
- Interpretive signs explaining when Ohio's rocks formed and the significant roles and purposes they served.



Get a head start with the Geo Walk Brochure



Learn more about Ohio's geology at www.OhioGeology.com.





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in STEAM

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.

Farth 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.











Paulding Progress

Hints of color beginning to emerge throughout Buckeye State

Wednesday, October 04, 2017 3:09 PM

COLUMBUS – Cooler overnight temperatures and the hints of color that are beginning to highlight the canopies of Ohio's woodlands are sure signs that autumn is beginning to take hold. These are also the telltale signs that the fall color season is upon us here in the Buckeye State, according to the Ohio Department of Natural Resources (ODNR).

"Most of the early changed leaves have fallen at this point, leaving many areas with mostly green leaves," said ODNR fall color forester Casey Burdick. "Sycamore and cottonwood, trees that grow in low lying areas, are showing some yellowing, while blackgum, one of our perennial early changers, are showing their bright red hues."

As we head into Earth Science Week (Oct. 8-14), 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 geosurvey.ohiodnr.gov/educational-resources/earth-science-week.



One of Ohio's popular pastimes this time of year, fall archery deer hunting season, is underway and will go until Feb. 4, 2018. For more information on deer hunting, go to wildlife.ohiodnr.gov/hunting-trapping-and-shooting-sports/hunting-trapping-regulations/general-information.

People interested in finding out where to find most eye-catching leaves throughout the upcoming fall color season should check out fallcolor.ohiodnr.gov, Ohio's official guide to the changing colors. This website includes:

- Weekly color updates and information to help plan a fall color adventure.
- · Weekly videos from Burdick highlighting fall color hot spots around the state.
- · Links to fall activities, scenic road trips, unique overnight accommodations at Ohio State Parks and more.

Fall is a distinctive season in Ohio with an identifiable color palette of reds, oranges and yellows; cooler temperatures; and aromas and tastes of autumn's harvest from apples to pumpkins. It's such a fun, vibrant few months to enjoy time with those closest to you that it feels like a holiday -- or perhaps a Falliday! To help visitors find those special autumn activities in Ohio, the Office of TourismOhio has created a new landing page, Ohio.org/Fallidays.

ODNR and TourismOhio encourage people to take fall color photos and upload them to social media using the hashtag #OhioFall17. Follow @ohiodnr and @OhioFindItHere on Twitter, Ohio Department of Natural Resources and Ohio. Find it Here. on Facebook and @OhioDNR, @OHStateParks and @Ohiogram on Instagram to see more fall color photos.

Related Articles

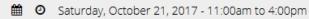
Let the fall color transformation begin Fall colors create perfect backdrop for a hike this weekend



Home Features News

ARCHAEOLOGY DAY

Learn about the work of archaeology in North America and around the world, and celebrate the Penn Museum's newest exhibition "Moundbuilders," at a special event for International Archaeology Day co-sponsored by the Philadelphia society of the Archaeological Institute of America. Info: 215-898-4000 or www.penn.museum.



Penn Museum, 3260 South St.

www.penn.museum

PennLive

What's 640 million years old and found in Harrisburg? Hint: It's in the State Museum

Posted October 10, 2017 at 05:00 AM | Updated October 10, 2017 at 06:12 AM









88 shares

5 Comments

For National Fossil Day on Wednesday, October 11, the State Museum of Pennsylvania in Harrisburg will concentrate on ancient fishes of the Paleozoic Era, which ran from 550-245 million years ago, as well as the modern fishes and the first tetrapods moving onto land that evolved from the ancient fishes.

The education department will run a fossil-making program for 3- to 5-year-olds, pressing objects into dough to produce their own replicas, at 11:30 a.m. At 12:15 a.m., Steven Jasinski, acting curator of paleontology and geology, will present the program on ancient fishes.



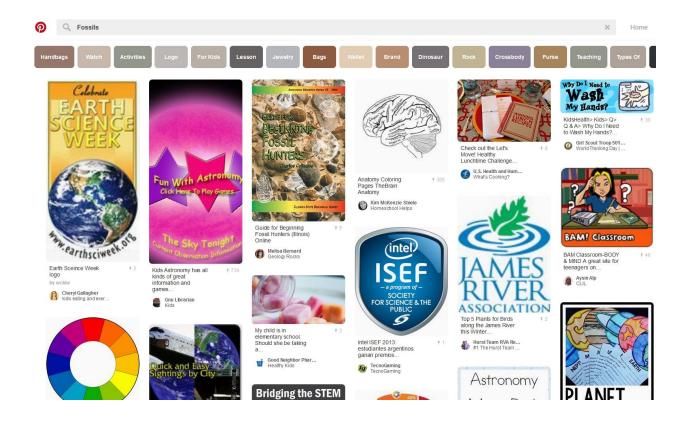


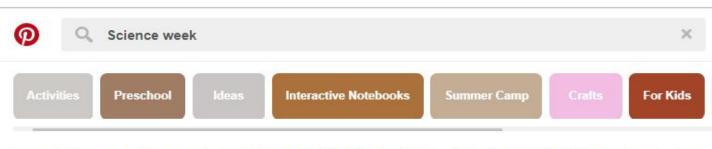
Marcus Schneck | mschneck@pennlive.com

Pinterest











Earth Science Week October 8-14, 2017. Educational...



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Fall Into Edibles Cincinnati, Ohio #Kids #Events



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Winners of 2017 Earth Science Week photo contest announced

POSTED ON OCTOBER 9, 2017

Winners of 2017 Earth Science Week photo contest announced
The 12 images will all feature in a 2018 calendar, with the awards to be presented at a
London event to launch Earth Science Week on Monday 9 October.

Winners of 2017 Earth Science Week photo contest announced



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Post-Bulletin

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After Deadline: The good, the bad and the boring: My email inbox

Brian Todd, btodd@postbulletin.com Oct 13, 2017 Updated Oct 13, 2017 . ♠ (0)



Got a little girl in your life? Planning on supporting an unrealistic body image while telling her she can be anything from an astronaut to a doctor and still drive her Corvette to her dream house?



Well, beware.

During the week of Sept. 20, more than 3,000 counterfeit Barbie dolls snuck across our northern border (there's where that "wall" needs to be built!) taking \$85,824 in, uh, "intellectual" property from a U.S. company.



How do I know this? And why do you care?

Well, it's time for another valuable lesson in "stuff people email me that I really don't care about."

In this case, an organization called Action for Trade sent me a nice email telling me a bunch of stuff about intellectual property rights, how counterfeit goods damage the U.S. economy, and why I should interview their executive director.

I'll give them credit, the Action for Trade folks at

least narrowed it down to the Barbie dolls sneaking across the border here in Minnesota. I imagine most took their Barbie Dream Canoe and paddled across Rainy Lake. Once in the Land of the Free, they met some faux-human smugglers who loaded them into Barbie Dream Tractor-Trailers for the ride to Bloomington, where they'll be sold on the street outside the Mall of America.



MAGAZINES AGRINEVVS BLOGS J

My Inbox

Basically, my email can be divided into three categories. Stuff I want to read and act upon. Stuff I want to read, but won't act upon. And stuff I find to be somewhere on the spectrum from annoying to amusing, but otherwise completely of no value to me.

You can guess which category the Barbie dolls are in.

Thanks to my spam filter, the biggest category in my inbox is the stuff I want to read but cannot act upon. There's a lot of news out there, but I have about 40 hours a week to cover it. So some news items become briefs in the newspaper, but much of it, frankly, is boring and procedural government in action. (That's two words, in action, not one.)

For example, I get agenda updates for all boards and commissions from the city of Winona. While I read through the Board of Adjustments agendas, I don't see the need to write a story about someone asking for a modification to the front yard setback of 25 feet in a B-1 district.

Nor do I see the need to write at length about the city of Lewiston asking Winona County to support its hopes of getting money from the state to reconstruct a portion of Rice Street. This is several steps away from any actual reconstruction on Rice Street, so I chose not to spend my limited time on it.

Decisions, decisions

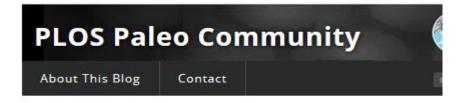
The things that actually make me stand up and say, yes, I'll do that, are few and far between. Some of it comes from me checking in with sources on slow-developing stories over long periods of time. (Oh, you're finally building that locker plant and grocery in Dover!) Some of it is from sources whom I've worked with in the past. (Tell me more about the benefits of soil health programs, my friends at the Land Stewardship Project.)

Others, however, are very worthy topics, but, well, this is a local newspaper. Without a local connection, I lose interest fast. An online fashion retailer wants to talk about cyberbullying. But the company is located on the East Coast, so I'll pass.

Even emails with very pertinent local information and a great connection get passed over if the timing is off. Winona State University recently sent me a press release on a 66 million-year-old fossil that was to be displayed Wednesday in the atrium of the Science Lab Center for National Fossil Day. Alas, I received the email too late to get it in the newspaper in time for readers to get to Winona and see the jawbone of a tyrannosaurus.

So, please, if you have a story idea, I'd love to hear it. But remember these three things: make it local, make it timely, and make it interesting. Because as fascinating as I find counterfeit Barbie dolls from Canada, I won't write about them until they're being sold — with Dream Tim Horton's sold separately — at Apache Mall.

Public Library Of Science (PLOS)



(Previous Next >



Upcoming Opportunities for the PLOS Paleo Community!

Posted September 12, 2017 by Sarah Gibson in Miscellaneous, Top 10



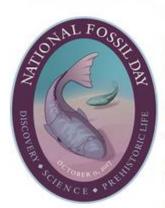
Featured Image: Last year's Top 10 OA Fossil Vertebrates contest winner, Gualicho shinyae. From Apestiguía et al (2017).

Howdy folks! Sarah here!

I just wanted to bring a few items to the attention of the PLOS Paleontology Community, especially a few ways you can get involved with PLOS Paleo!

Freelance writer needed at PLOS

PLOS is looking for a freelance paleo science writer to create press releases and PLOS Research News stories from PLOS research articles. If you are interested, contact jlaloup@plos.org.



National Fossil Day

PLOS Paleo is participating in the upcoming National Fossil Day festivities in Washington, D.C. on October 11 and we are looking for someone in the PLOS Paleo Community in the Washington, D.C. area who wants to represent PLOS Paleo! If you are interested or have any questions, email us a paleocommunity@plos.org, and we will provide you more information!

Top 10 Taxa of 2017 Contest!

Finally, the Top 10 contest is returning this year! Last year, we asked the community to vote for their choice for the top fossil vertebrates published open access last year, and you can find the results of that contest here. This year, we are changing the contest a bit, based on your feedback, to

include any new taxa, vertebrate and invertebrate, published open access between December 1, 2018, and November 15, 2017. It will be a large group to pick from, so start thinking about what new taxa were published in the past year that you'd like to see win the top honor of being among the PLOS Paleo Top 10 Taxa of 2017. We will be making a larger announcement about the contest at the end of this month, including rules (and prizes!), so stay tuned!



National Fossil Day National Event in Washington, D.C., Oct. 11

Posted October 5, 2017 by Sarah Gibson in National Fossil Day







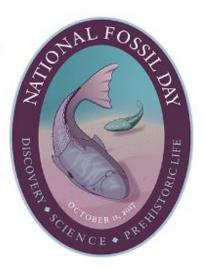




National Fossil Day is approaching quickly on October 11! Have you made your plans yet?

National Fossil Day began in 2010 by the National Park Service and the American Geological Institute. Seven years later, more than 300 partners, including museums, federal and state agencies, fossil sites, science and education organizations, avocational groups, and national parks are joining in on the fun. By now, you have hopefully seen Part 1 and Part 2 of an expansive list on this blog of nationwide events celebrating National Fossil Day. As we continue to hear from museums, schools, and institutions, we will provide a Part 3 of nationwide celebrations.

"From remote badlands to people's backyards, it's truly amazing where one can find fossils," said Acting Director Michael T. Reynolds. "National Fossil Day showcases partnerships with museums, educational institutions, and communities who work together to preserve these pieces of the past for future generations."



National Fossil Day at the National Mall, Washington, D.C.

One major event is happening in Washington, D. C., and if you are in the area, it will be an amazing experience to celebrate National Fossil Day with the National Park Service as well as several participating partners. The theme this year, "Excavating the Past: Celebrate National Fossil Day," is recognizing the U.S.'s fossil heritage with events and programs in D.C. that promote public awareness and stewardship of fossils.

The event is taking place at the pathway between the National Museum of Natural History and the Smithsonian Castle, October 11th, from 10 am - 2 pm

Partner activities include:

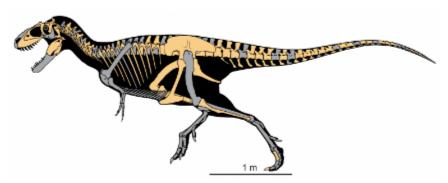
- · National Park Service- Be sworn in as a Junior Paleontologist and receive your official junior paleontologist badge by completing our Junior Paleontologist workbook. Learn about fossils at our national parks with fossil demonstrations and additional handouts.
- · Smithsonian National Museum of Natural History- Come sift through Miocene marine sediments to discover your very own shark tooth on the National Mall and then explore our exhibits inside the National Museum of Natural History where volunteers and docents will have more paleontological interactions in our The Last American Dinosaurs exhibit.
- · American Geosciences Institute- Come visit the interactive photo-booth where you can your picture taken at famous fossil sites, and with fossils and other prehistoric creatures.
- Maryland National Capital Park and Planning Commission Dinosaur Park Learn about the

sediments to discover your very own shark tooth on the National Mall and then explore our exhibits inside the National Museum of Natural History where volunteers and docents will have more paleontological interactions in our The Last American Dinosaurs exhibit.

- American Geosciences Institute— Come visit the interactive photo-booth where you can your picture taken at famous fossil sites, and with fossils and other prehistoric creatures.
- Maryland National Capital Park and Planning Commission Dinosaur Park Learn about the fossils of dinosaurs and other creatures found just outside of Washington, D.C., including Maryland's state dinosaur: the giant Astrodon johnstoni!
- Calvert Marine Museum

 See amazing shark teeth and other fossils collected from the Chesapeake Bay Region.
- Bureau of Land Management and U.S. Forestry Service: See fossils from our federal lands and learn how they are cared for and studied for future generations.
- George Washington University: Meet local paleontologist from GWU as they share their research
 and discoveries on new dinosaur and crocodile species from China.
- Society of Vertebrate Paleontology

 Learn about this professional network of paleontologist and
 its commitment to the research at federal and state lands and the protection of public fossil
 resources.
 - SVP is also holding a drawing for a school to win a donated cast of a Teratophoeneus skull! Here are the rules for the drawing:
 - · Students who visit our table may submit their school for the drawing
 - Only schools in the lower 48 states will be eligible because of expense of shipping the cast elsewhere, otherwise all schools K-12 or university are eligible
 - · At the end of the day one random entry will be selected
 - SVP will confirm that the winning school is willing to accept the donation (which will be free of any charge, including shipping); should the school not be willing, we will repeat the draw until we find one that is
 - No money will be exchanged at any point; entering will be free for the students and the cast will be free to the school!



Win a cast of the skull of this tyrennosaurid, Teretophoneus, for your school: Details above. Image from Loewen et al. (2012), CC-2Y.

In addition to the national event in Washington, D.C. and the numerous local events occurring nationwide, how else can you get involved in NFD?

Art Contest: Artists of all ages are submitting art before October 5 (and if you are a super quick draw, you can submit your art before the deadline today!) for the National Fossil Day Art Contest, which has the theme "The Future of Fossils: People Studying and Caring for Our Fossil Heritage" for 2017.

Winning art will be displayed online starting October 11.

Earth Science Week: National Fossil Day is an official focus day of Earth Science Week! Educators can schedule a field trip at a park or museum or download lesson plans. National parks that have inpark fossil field trip opportunities or in-class projects include Grand Canyon National Park, Curecanti National Recreational Area, and Cumberland Island National Seashore.

Junior Paleontologist Program: Earn a Junior Paleontologist badge by downloading a book and completing fun fossil activities. Books are also available at many National Park Service sites that have fossil resources.

Share your experience: Inspire others to learn more about fossils by posting your National Fossil Day experience on social media using "#NationalFossilDay". Share something you learned, a picture of your favorite fossil or fossil site, or your meeting with a paleontologist.

If you have an event you'd like included in Part 3 of our list of events, email it to John-Paul Hodnett.

Featured Image: Celebrating National Fossil Day at the Smithsonian, 2014. Image courtesy Bureau of Land Management, My Public Lands Tumblr.

Pune Mirror | India Times

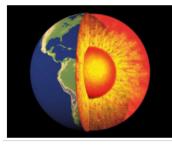


GROUND REALITY

By Ashwin Khan, Pune Mirror | Updated: Oct 8, 2017, 02.30 AM IST



Learn about the wonders of our planet from films, talks and exhibitions during Geo



Geologists often wonder why earth science is at the bottom of the science education barrel. The subject that deals with unraveling the physical characteristics of our planet is linked to the core of our existence, yet the resistance to studying such a vast and interesting field is quite common in the





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Seeing the lukewarm response to earth science, the city-based Centre for Education and Research in Geosciences (CERG) and Fergusson College are jointly hosting Geo Week for the first time - a five-day event that will feature exhibitions, talks and film screenings to promote the subject. "Geoscience has always been in the background, even though it is so closely related to our lives," said Dr Tanuuja Marathe, associate professor of geology, Fergusson College. The event coincides with the Earth Science Week promoted by the American Geosciences Institute in the US. The focus of Geo Week in the city is to create awareness about the earth's layers and humans, and the interaction between humans and natural

In one of the talks, Prof. SN Rajaguru, who is well known for his work in archaeology, will speak about the prehistoric environment of the Mula and Mutha rivers. He will take the audience back in time to explain the climatic changes that took place 25,000 years ago, along the Mutha River. "We must look into the past to predict what will happen in the future," said Natraj Vaddadi, founder of CERG.

Another interesting discourse will have Dr R Shankar, professor of marine geology at Mangalore University, presenting paleoclimatic studies of lake sediments from southern India. "He will explain how lake sediments are an important natural archive of paleoclimatic information," added Vaddadi. Shankar will also present data collected by his research group on four lakes from South India.

Films on various themes related to our planet will be screened during the course of the event. An exhibition that will illustrate the role of geosciences in daily life has been organised at the Raja Ravi Varma Art Gallery, where selected entries to an art contest for students will be displayed. Some of the themes covered by the exhibitions are role of geosciences, world of maps, the Deccan basalts, the story of petroleum, and the geological wonders of India featuring zeolites, minerals and rocks.

As a part of the event, the KV Kelkar Geological Museum, located in Fergusson College, will remain open to public on October 14, between 11 am to 5 pm. The museum houses a collection of rare fossils and minerals, with some dating back to 600 million years. For the detailed programme, visit cerg.org.in.

WHERE: Fergusson College, FC Road and Raja Ravi Varma Hall, Ghole Road

WHEN: October 9-14 ENTRY: Free

Rapid City Journal



Agate Fossil Beds continues celebration

Journal staff Oct 20, 2017



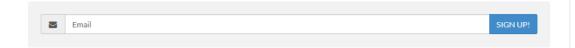
HARRISON, Neb. | Agate Fossil Beds continues its monthlong celebration of National Fossil Day on Saturday with "Paleontology 101" programs and a Night Sky photography experience.

From 8 a.m. to 4 p.m. Saturday, paleontologist intern Jess De Smet will lead visitors in fossil activities such as The Excavation Sandbox, Stratigraphy in a Loaf of Bread, Make a Fossil Cast Magnet, and others.

At 10 a.m. and 2 p.m., De Smet will present "Paleontology 101."

At 6 p.m., there will be a Night Sky photography experience, taking visitors up to the Daemonelix Trail for a view of the Milky Way. Visitors should dress for the weather.

GET NEWS HEADLINES SENT DAILY TO YOUR INBOX



Agate Fossil Beds National Monument is located 22 miles south of Harrison on Nebraska State Highway 29. Admission is free. For more information, call 308-668-2211 or visit nps.gov/agfo.











Redlands Daily Facts

San Bernardino County Museum kicks off Earth Sciences Week





Guests can dig for fossils at the San Bernardino County Museum during Earth Sciences Week at the site starting on Sunday, Oct. 8. (Courtesy photo)

By KRISTINA HERNANDEZ | khernandez@scng.com | Redlands Daily Facts

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Learn how to become stewards of the Earth at the San Bernardino County Museum when the site kicks off Earth Sciences Week on Sunday, Oct. 8.

The museum will host activities through Oct. 15 centered around the topic. Programs, which are included with museum admission, challenge guests on geology and paleontology fun facts through hands-on and hands-off activities.

Here's what's in store for guests:

- Daily: "Sculpted by Time: Our Mountains, Faults, Lakes and Caves" is the museum's newly opened
 gallery in the Hall of Earth Sciences. Guests can pick up ideas and instructions for at-home activities
 like how to prepare a chemical solution and watch a stalagmite grow, or make an edible geode.
- 11 a.m. to 4 p.m. Sunday, Oct. 8: Enter the museum's geode-making contest by making a volcano and "learn what it has to do with ocean acidification," or try making zeological layer candles.
- 11 a.m. to 4 p.m. Wednesday, Oct. 11: For National Fossil Day, guests are invited to search for fossils
 on museum grounds, make their own fossil to take home.
- 11 a.m., to 4 p.m. Oct. 15: Prepare for the "Big One" with the museum's annual Great California Shakeout. Learn why earthquakes happen, discover tips on how to prepare and stay safe in an earthquake and more.

Earth Sciences Week is sponsored by the American Geosciences Institute and celebrates its 20th anniversary this year

"This year's Earth Science Week theme fits perfectly into the work the San Bernardino County Museum is doing to promote public understanding of our environment," said museum Director Melissa Russo in the release. "Our new exhibits, like "Sculpted by Time" and the Hall of Biodiversity, highlight the interconnectedness and fragility of Earth's ecosystems and the importance of human stewardship of this precious planet."

The museum is at 2024 N. Orange Tree Lane. Museum admission is \$10 for general admission, \$8 for military or senior, \$7 for students, \$5 for children ages 5 to 12. Admission is free for association members and children under 5.



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Redlands Daily Facts

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LOCAL NEWS

San Bernardino County Museum kicks off Earth Sciences Week



Guests can dig for fossils at the San Bernardino County Museum during Earth Sciences Week at the site starting on Sunday, Oct. 8. (Courtesy photo)

By KRISTINA HERNANDEZ | khernandez@scng.com | Redlands Daily Facts October 5, 2017 at 9:00 am

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SCIENCE DAILY REPORTS

Science News: App of the Week: Make every week a science week!

Details Category: Science Daily Reports

23 Oct 2017

Last Updated: 23 October 2017 Published: 23 October 2017 Posted by www.BING.com Search Results

Ed. note: App of the Week picks are now being curated by the editors of Common Sense Education, which helps educators find the best edtech tools, learn best practices for teaching with tech, and equip students with the skills they need to use technology safely and responsibly. Click here to read the full app review.



Posted: 2017-10-23 00:03:00

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SCIENCE DAILY REPORTS

Science News: 'Uranium Mania' film part of events during Earth Science Week

Details Category: Science Daily Reports

09 Oct 2017

Last Updated: 09 October 2017 Published: 09 October 2017 Posted by www.BING.com Search Results

EARTH SCIENCE WEEK Earth Science Week events are open to the public and free with venue admission. Hikes are weather-permitting. For details, visit museumofwesternco.com. • 10 a.m. to 1 p.m. Monday: Meet local amphibians and reptiles of Crocodile Reef at Dinosaur Journey in Fruita.

Posted: 2017-10-09 05:51:00

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Rockford Register Star

Prehistoric adventures

Burpee Museum of Natural History, 737 N. Main St., Rockford, will host two events this weekend.

From 10 a.m. to 3 p.m. Saturday, the museum will host a National Fossil Day celebration.

The event will include local fossil collectors and exhibitors, hands-on fossil activities, the chance to have your fossils identified, and Jane's real skull on display.

Paleontologist Christopher Noto, of the University of Wisconsin-Parkside, will present on "Killer Crocs and Giant Turtles: The Lost World of Cretaceous Texas."

Admission is \$8; \$7 for children 4-12; \$4 for members; free for children up to 3 years old.



From 10 a.m. to 5 p.m. Sunday, the museum will host a free day, brought to the public by the Rockford Kiwanis.

Sunday's free entrance will include a free "Bats: Beyond the Myths" Mahlburg Scholar Talk from 2 to 3 p.m.

For more information: 815-965-3433; burpee.org.

Rebecca Rose: 815-987-1379; rrose@rrstar.com; @beckyjoyrose

Scholarship Guide

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EARTH SCIENCE FOR MIDDLE SCHOOL



Earth Science - Middle School Science Blog

Earth Science. Please note – all ppt slides on this website are in "Read Only" format, after you download the ppt, click on "Read Only" to access the ppts.

middleschoolscience.com



Classroom Activities | Earth Science Week

Here you can find suggested **Earth science** related activities. Most are categorized based on the Next Generation Science

Standards, and the earlier National ...

www.earthsciweek.org

Science Friday



For this Science Club, we celebrated rocks by making a **#neatrock** collection—a *big* one—and we did it with your help!

SUBJECT

Earth Science

MINUTES

15 minutes

or fewer

Activity Type:

Rocks

Science Club, geology,

We asked you to:

GRADE LEVEL

All

- 1 Find a really neat rock.
- 2 Share a photo of your rock and tell us why you think it's neat with the hashtag #neatrock.

Rocks are neat.

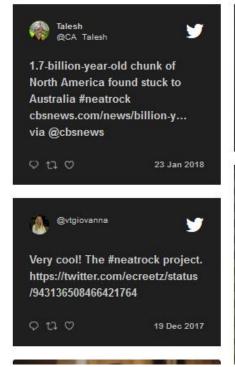
Well, actually, rocks are really really neat. Rocks can have wild features on their surface or hide beautiful crystals inside. Rocks might be formed around extinct animals or inside of volcanoes or in distant galaxies. They might have been smoothed by streams or cracked by ice or polished by our atmosphere. A rock could be as old as our planet, or it could have been born yesterday in a science class, beneath a fire on a beach, or in a factory. Even the diversity of rock sizes and shapes might surprise you—rocks can be microscopic, as thin as paper, or as large as a mountain.

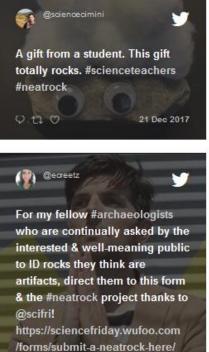
Keep reading to see the #neatrock collection of over 900 rocks submitted by SciClub participants, learn more about Earth Science Week, and read our FAQ

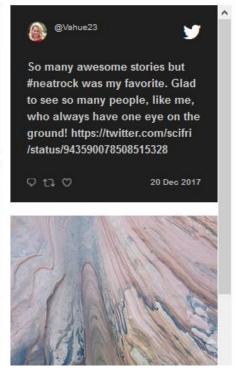


#Neat Rock Collection

Throughout the month of October, we'll be adding #neatrock submissions here. Hover over each submission to learn more, and to see all the great submissions, keep scrolling!







Who can participate and how can I submit my #neatrock?

Anyone, anywhere can participate by sharing a photo, illustration, or description of a neat rock they've found and why they think it's neat. Please do not mail us real physical rocks! You can post your rock photo and observations to Twitter or Instagram with the hashtag #neatrock. If you're under the age of 13, please have a parent help you submit your #neatrock.

I'm a teacher, how can I help my students participate?

If a student brings you a mystery rock, what do you do? We asked a panel of experienced geoscience educators to share their ideas in an interactive training on rock observation and inquiry. You can view the recorded Rock Inquiry 101 webinar, check out the slide deck, or download this list of rock inquiry resources to get started. For more ideas and earth science teaching resources, check out AGI's Education Resource Network.

This Science Club challenge was facilitated in collaboration with the American Geosciences Institute and Earth Science Week, learn more here:

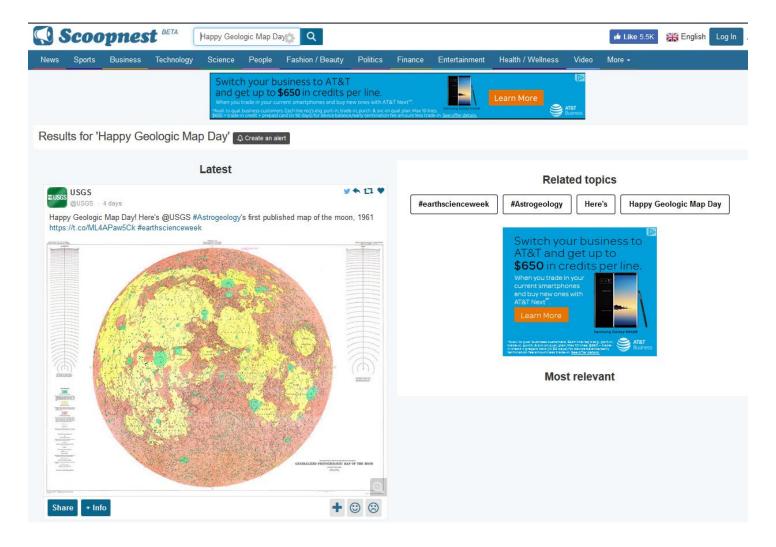




Educator's Toolbox

ROCK INQUIRY RESOURCES

Scoopnest



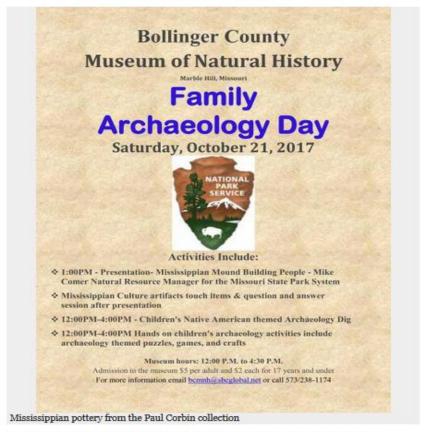
Southeast Missourian

Family Archaeology Day / Mississippi Mound Building Indians

The following story has been submitted by a user of semissourian.com. To submit your own story to the site, <u>click here</u>.

Monday, October 16, 2017

User-submitted story by Bollinger County Museum of Natural History



October 21 - The Bollinger County Museum of Natural History will celebrate International Archaeology Day with a presentation by Mike Comer, "Mississippi Mound Building Indians."

1:00 pm - Mike Comer, Natural Resource Manager for the Missouri State Park System, will present a program on the Mississippian culture and how the Mississippian people lived. Touch items will be available for the public to handle and see examples of the Mississippian culture.

A question and answer session will follow the presentation.

12:00pm-4:00pm - Activities include a children's Native American archaeology dig

Hands on children's' activities, and other puzzles, games, and crafts appropriate to the archaeology theme will be ongoing during museum open hours.

All activities and presentations are free with your paid museum admission.

Museum admission: Adults \$5 and 17 years and under \$2

The Museum will be open from 12pm-4:30pm

For more information call 573-238-1174 or email bcmnh@sbcglobal.net

Star-Herald | Scottsbluff





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Agate celebrates national fossil day

HARRISON - On Oct. 21, Agate Fossil Beds will celebrate National Fossil Day during visitor center hours, 8 a.m. until 4 p.m., with "Paleontology 101" programs at 10 a.m. and 2 p.m. At 6 p.m. join the rangers for a Night Sky photography experience.

Paleontologist Intern Jess De Smet, assisted by Rangers Anne Wilson and Tony Mincu, will be leading visitors in fossil activities such as The Excavation Sandbox, Stratigraphy in a Loaf of Bread, Make a Fossil Cast Magnet, and others.

At 10 a.m. and 2 p.m. Paleontologist Intern Jess De Smet will present "Paleontology 101." De Smet's complete title as she works at Agate Fossil Beds National Monument for 12 weeks is Geoscientists-in-the-Parks Intern Paleontologist. Born in Chicago, Illinois her interest is in mammalian diversity and evolution. Her background gives her much to draw from for her presentations. She was an intern at the Field Museum of Natural History in Chicago as a volunteer fossil preparatory and insect collections management intern and from Agate Fossil Beds she will intern at Joshua Tree National Park in Paleontology.

National Fossil Day is Oct. 11 with national parks and museums around the country celebrating with events held on the weekends of October. This year the focus of National Fossil Day is on the Paleozoic fossils. The 2017 National Fossil Day artwork depicts a primitive group of fish known as heterostracans ("different shields"). The heterostracans represent an order of early jawless fish which existed between the Early Silurian and the Late Devonian when they became extinct (approximately 358 million years ago). Each year National Fossil Day features a different age in paleontological history. In 2015 the animals in the Miocene Epoch, with Moropus as the poster child, were featured. The Moropus is one of the mammals whose fossils were found in the Agate quarries.

At 6 p.m. Rangers Tony Mincu and Anne Wilson will be encouraging visitors in their Night Sky photography. Meet at the visitor center for instruction and drive to the Daemonelix Trail for a fantastic view of the Milky Way. Visitors should dress for the weather, bring camera and tripod and a flashlight to be covered with a red balloon to preserve night sky vision, and be ready for a great experience. This is the third Night Sky Photography program that the two rangers have given and each time the participants learn more about the different "seasons" of night sky photography.

State Gazette

Haslam proclaims Earth Science Week in Tennessee

Friday, September 22, 2017

Special to the State Gazette

Tennessee Gov. Bill Haslam has proclaimed Oct. 8-14 Earth Science Week in Tennessee, which will help promote awareness of the importance of geoscience.

As part of Earth Science Week, the Tennessee Department of Environment and Conservation's Tennessee Geological Survey, in partnership with the American Geosciences Institute, has a limited number of Earth Science Week toolkits to distribute to science teachers across the state.

Educators interested in receiving an Earth Science Week toolkit may contact 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, please visit: www.earthsciweek.org.

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"Earth Science Week is a special week for students to learn about earth sciences and the natural world around us," Tennessee Department of Environment and Conservation Commissioner Bob Martineau said. "We are pleased to provide these educational tools to Tennessee classrooms."

The 2017 Earth Science Week theme is "Earth and Human Activity," and this year's learning resources and activities engage young people and others in exploring the relationship between human activity and the geosphere, hydrosphere, atmosphere, and biosphere. This year's theme promotes public understanding and stewardship of the planet, especially in terms of the ways people affect and are affected by these Earth systems.

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. As in years past, individuals and groups will celebrate Earth Science Week by participating in events in all 50 states and several other countries.

St George News, Utah



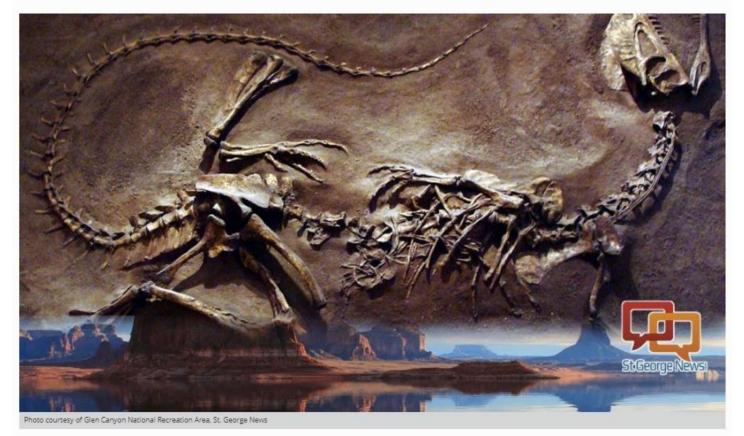


June Where Treasure is found 435-767-1169

Celebrate National Fossil Day at Glen Canyon National Recreation Area

Written by or for St. George News () October 8, 2017





GLEN CANYON NATIONAL RECREATION AREA - Everyone who loves fossils is invited to join Glen Canyon National Recreation Area's celebration of National Fossil Day Wednesday.

National Fossil Day Wednesday.

This free event is being held at the Carl Hayden Visitor Center from noon-5 p.m. Kids can earn their Junior Ranger Paleontology Badge, dig for fossils and decorate a Jurassic landscape. The Carl Hayden Visitor Center also has a permanent dinosaur track exhibit.

"Glen Canyon National Recreation Area has many canyons with exposed rock layers, revealing fossils, traces of past life forms and chapters of the earth's history," Superintendent William Shott said. "The National Park Service preserves and protects these resources for future generations, so we love engaging directly with kids and their families at special events like this."

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.

More information about the Junior Paleontologist Program and additional educational resources is available at this link.

Fossi of a Theropod track Undered

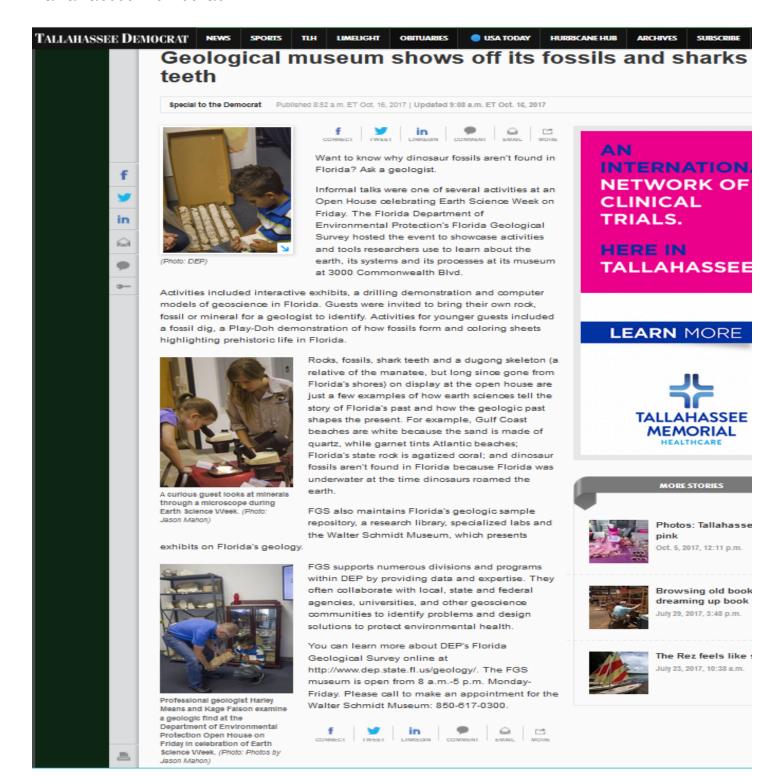
Fossil of a Theropod track, Undated Photo courtesy of the National Park Service, St. George News

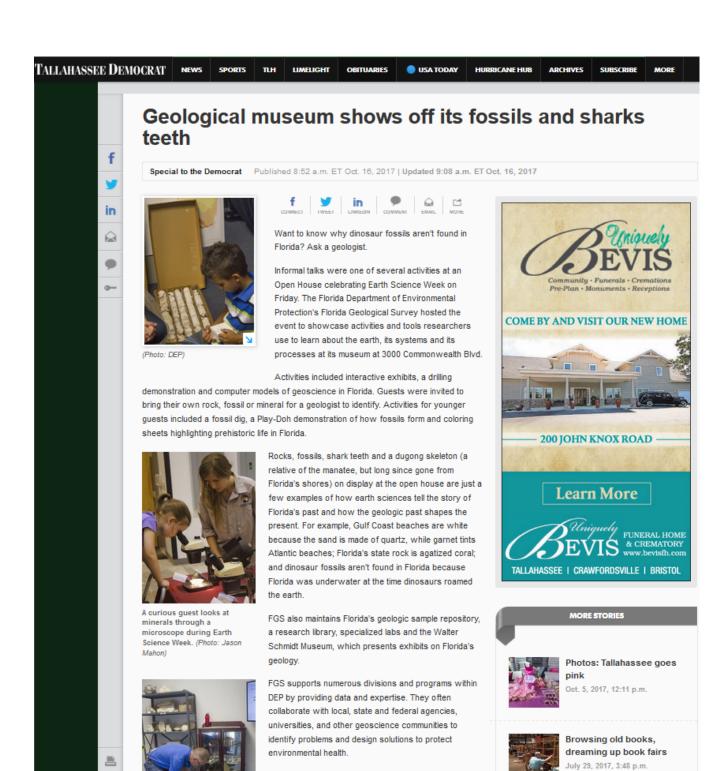
Event details

- · What: National Fossil Day at Glen Canyon National Recreation Area.
- · When: Wednesday, Oct. 11, from noon-5 p.m.
- . Where: The Carl Hayden Visitor Center at Glen Canyon National Recreation Area, on US-89, Lake Powell, Arizona.
- · Details: More information is available at this link.



Tallahassee Democrat



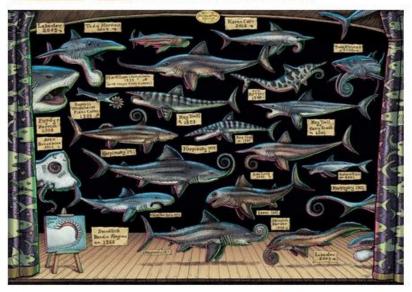


The Alcalde



Texas Memorial Museum Welcomes the Buzz Saw Shark Back to Campus

BY CHRIS O'CONNELL IN 40 ACRES ON OCTOBER 12, 2017 AT 10:36 AM | NO COMMENTS



Walking through the Hall of Biodiversity at the top of UT's Texas Memorial Museum, it's difficult to parse if you're wading through a natural science exhibit or a modern art show. For the next year, technically, the answer is both.

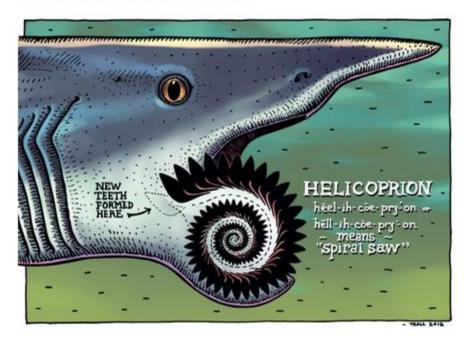
Until Sept. 21 of next year, UT's oldest museum is displaying *The Buzz Saw Sharks of Long Ago*, an exhibit based on research on a *Helicoprion* shark fossil found in Idaho and artwork from the *Helicoprion*-obsessed painter Ray Troll that sits precisely at the intersection of art and science. On loan from the Idaho Museum of Natural History after a stop at Cornell, the exhibit features Troll's paintings, a life-sized shark sculpture by Gary Staab that appears as if it is busting through the drywall, fossils, a video installation, and more.

Strangely enough, the Idahoan Helicoprion has been on the Forty Acres once before.

In 2013, a team of scientists transported a partial jaw fossil from the cartilaginous fish to the UT High-Resolution X-Ray CT Facility for a scan.

"It was in the collections and somebody was taking a second look," TMM Associate Director Pamela Owen says. "It really demonstrates the value of scientific collections. Somebody might look at something with a different eye, or with the advent of new technology."

Since 1899, when Russian geologist Alexander Karpinsky named the *Helicoprion*—meaning "spiral saw"—scientists were puzzled on the location of the whorl-shaped teeth on the shark's body. Karpinsky and others made guesses—that it curled upward along the snout, formed off the tail, or that it ran along the shark's back—but couldn't be sure of the placement of its odd spiral of razor-sharp teeth. After the scan at UT, the answer was definitive. As the whorl grew and new teeth were formed, the spiral moved inward into the shark's mouth, and when the animal bit into prey, the teeth sliced backward. Hence, the buzz saw shark.



"Those data from the scans were critical," Owen says. "They realized they had enough information to say, it's in the lower jaw, it was used to cut up soft-bodied prey."

Having an accomplished artist like Troll interested in the sharks—he became infatuated with the animal in 1993, after coming across some fossils in the Los Angeles County Museum basement—makes the exhibit visually transformative. Instead of only getting a few glimpses at a whorl, without much context, Troll's colorful and playful paintings bring the exhibit to life. The walls on the fourth floor of the TMM are painted ocean blue in Troll's style. The TMM staff of three projected Troll's actual stencils onto the wall and painted it on themselves, being sure to add three cheeseburgers into the mural—Troll's trademark. A pair of cheeseburger sculptures, hidden in the exhibit, were also sent along with Troll's artwork.

"I guess he's a big cheeseburger fan," TMM Visitor Services Manager Ben Grall says.

"Once one kid spots one, you drop a little hint that there's others. It's Ray's idea of combining art, science, and a little bit of humor to keep everyone interested."



On October 11, National Fossil Day, the TMM was bustling with students of all ages, from elementary school kids to UT undergrads. One family arrived at 10 a.m. and immediately went up to the fourth floor of the museum to see the buzz saw shark, the youngest boy running through the exhibit, reading everything as fast as he could before planting himself on the Troll-embroidered couch set in front of the video installation. A few minutes later, a little girl and her mother ambled in.

"Wow!" the young girl shrieked when she saw a fossil, before whipping out her phone to take a picture. She made her way across Troll's depiction of Karpinsky and his versions of the *Helicoprion*'s whorl before stopping in her tracks. She tried taking selfies in front of the enormous shark sculpture, but they weren't coming out right. A museum volunteer asked her if she'd like for him to get a picture of her in front of the shark.

"Uh ... yes please!" she squealed. It appeared that the Helicoprion had made another fan.

The Argus Observer

ARGUS OBSERVER



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Interactive map shows dramatic landscapes

Submitted information Oct 11, 2017 💂 0

More Information

On the web

Find the Lidar Data Viewer interactive map at: www.oregongeology.org/lid

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PORTLAND — From mountain peaks to city skylines, Oregon's dramatic landscapes are revealed with the state's new interactive lidar map.

Lidar technology offers precise, high-resolution images of the surface of the earth, vegetation, and the built environment. The Lidar Data Viewer interactive map features layers for bare earth, which shows everything above the surface of the earth stripped away; highest hit, which shows a birds-eye view of trees and buildings; and bare earth slope, which shows steepness of slopes.

"With the lidar viewer, you can explore Oregon in an entirely new way," says Jacob Edwards, who coordinates the Oregon Lidar Consortium for the Oregon Department of Geology and Mineral Industries. "Whether it's the bare surface of Mount Hood or an overhead look at the buildings of downtown Bend, you'll see landmarks much differently."

Lidar has not only revolutionized geologic and natural hazard mapping, says State Geologist Brad Avy, but has become an essential tool for communities.

"By making lidar easy and free to download with the new viewer, the data is more widely accessible for many practical uses, from prioritizing road repairs to identifying dangers like mine shafts when fighting fires," Avy says.

The viewer also expands the lidar data available for download. Since the Oregon Lidar Consortium (OLC) was formed in 2007, DOGAMI has partnered on collection of lidar data with more than 80 state and federal agencies, Tribes, city and county governments, watershed councils, non-profit organizations, and businesses. The viewer includes lidar data from 18 recent OLC projects covering 15,087 square miles of Oregon, including areas in 31 of Oregon's 36 counties.

"Ninety-five percent of the newly released lidar coverage is for areas where there was no previous lidar data," Edwards says. "As more uses for lidar emerge, we're working with partners to identify areas where having lidar data could meet a critical need."

The viewer's launch is happening during Earth Science Week, proclaimed as Oct. 8-14 by Governor Kate Brown. The week's theme of "Earth and Human Activity" promotes awareness of what geoscience tells us about human interaction with the planet's natural systems and processes.

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The Baylor Lariat



Mayborn hosts Earth Science Week celebration

By Magdalayna Drivas - October 10, 2017











Volunteer Leo Brown shows visitors the difference between various rocks and minerals as a part of the Mayborn Museum's Earth Sciences Week on Tuesday afternoon. Liesje Powers | Multimedia Editor

By Magdalayna Drivas | Reporter

Baylor's department of geosciences is hosting a series of activities and events to celebrate Earth Science Week from 10 a.m. to 2 p.m. daily through October 13 at the Mayborn Museum.

Visitors are invited to engage with geoscience professors and students and participate in hands-on activities. Assistant professor and graduate program director Dr. Dan Peppe said this year's Earth Science Week theme is "Earth and Human Activity."

"We have different events every day," Peppe said. "The activities are related to how humans have affected the earth, and also how earth's processes affect us."

Activities include rock and mineral identification, fossil examination and earthquake simulations. Peppe said the program is suitable for all ages.

"All of our activities that we have designed are scaleable, so they are designed to be interactive from adults down to kids," Peppe said.

Peppe said the museum will host an "Ask-a-Paleontologist" session and have real fossils on display.

"Wednesday is National Fossil Day so we'll have a bunch of different activities related to fossils," Peppe said. "We'll have a lot of different fossils and paleontologists, so you can come and ask any question you've ever wanted to know about paleontology."

A symposium featuring geosciences professors from across the U.S. will discuss the past, present and future implications of climate change. Admission to the symposium is free for Baylor students, faculty and staff.

"On Thursday we have a whole day dedicated to climate change," Peppe said. "We have two experts in climate science that will be coming and giving talks in the morning and in the afternoon we'll have a panel discussion about climate change."

Earth Science Week is part of an annual national program organized by the American Geosciences Institute. This year marks the event's 20th anniversary and is the first year Earth Science Week is being celebrated at the Mayborn Museum.

"We have always done outreach activities related to Earth Science Week, but this is the first year that we've partnered with the Mayborn Museum," Peppe said. "It's been a cool collaborative process."

Austin junior and Mayborn Museum staff member Eliana Rodriguez said the museum had a great turnout for the first day of Earth Science Week.

"It was a lot busier than usual today," Rodriguez said. "There are a lot of fun and interactive events for both younger kids and college students. The Mayborn is always a ton of fun."

Peppe said he hopes the event will help introduce children to earth science at an early age and help people be more aware of the world around them.

"A big reason why we're trying to do this is to reach out to students, staff and faculty and also the general public and say, 'Hey, this is what earth science is, this is why earth science is important, it actually does affect you on a daily basis whether you realize it or not," Peppe said.

The Buckeye Lake Beacon



Nature Reserve Hike - Lobdell Reserve, Alexandria. As part of Earth Science Week, Survey geologists Andy Nash and Nate Erber will lead explorers on a hike at 10 a.m. on Saturday, October 14, to examine the natural cliffs of shale and glacial till carved out by Lobdell Run Creek and discuss how this landscape has changed over time because of glaciers, erosion, and human activity. Time will be spent in the stream getting up close and personal with the exposed cliff faces; participants are encouraged to dress accordingly.

The Daily Nebraskan

Fossil Day museum activities uncovered Nebraska's fossil history

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Shane Tucker displays tossils of animal teeth during Fossil Day at Morrill Hall in celebration of National Fossil Day In Lincoln, Nebraska, on Thursday, Oct. 5, 2017.

Photo by Jessie Addemsn

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The University of Nebraska State Museum celebrated Fossil Day on Oct. 5, with activities for all ages.

The museum showed kids how to dig for fossils, how to identify a fossil, as well as allow people to bring in fossils to learn more about them.

"The research collections of the State Museum hold more than 1.5 million fossil specimens from every corner of Nebraska," Sarah Felt, volunteer and adult programs coordinator, said in an email.

Felt said she hopes the event allowed visitors to learn more about the state's rich fossil history and talk with museum paleontologists.

One of the paleontologists is collections manager George Corner, who has been working in the museum since 1969. He said he likes that the museum is based in a place where people don't need to go far to find fossils.

"Our collection is probably in the top two or three of university collections in the country," Corner said. "We're by far the largest in the Big Ten."

Corner attributed this to how easy it is to find fossils in places like Nebraska.

"We have probably as complete a fossil record, in Nebraska, for the last 38 million years, than any other place in North America." he said.

The vast amount of fossilis available in Nebraska is the reason for the museum's success, he said.

"[People find] fossils in the sandbar someplace, or grandpa's pasture, or the gravel pit, or the mountains," Corner said.

On Fossil Day, Corner showed families different fossils the museum has, as well as identified fossils the public brought in.

One of the most common fossilis Corner said he runs across is horse teeth. He said he likes to compare the size of prehistoric horse teeth to modern horse teeth, to the size of the fossilis, to show their differences.

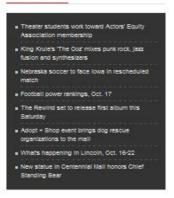
One of the items from the museum's collection Corner said he likes to show to kids is a casting of a large mammal tooth. He said the museum only has that tooth and can't find the rest of the body.

Another activity for children available at the event was the opportunity to rub fossilis onto paper with crayons to show the kids the groves of the fossils. The volunteer for this station was senior veterinary science major Rellily Greatish.

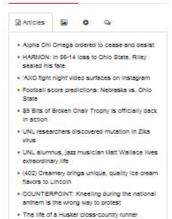
Grealish said her favorite part of the museum is that it allows people to touch one of the oldest fossils known to exist.



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The Daily Sentinel







'Uranium Mania' film part of events during Earth Science Week

QUICKREAD

EARTH SCIENCE WEEK

Earth Science Week events are open to the public and free with venue admission. Hikes are weatherpermitting. For details, visit museumofwesternco.com.

- 10 a.m. to 1 p.m. Monday: Meet local amphibians and reptiles of Crocodile Reef at Dinosaur Journey in Fruita.
- 10 to 11 a.m. Tuesday: Learn about the monoliths of Colorado National Monument with a ranger at Independent Monument Overlook.
- 5:30 to 7 p.m. Wednesday: Take a guided hike and learn about fossils on the Trail Through Time at Rabbit Valley. Additionally, Dinosaur Journey will offer "buy one, get one free" adult admission
- 6 p.m. Thursday: Attend a special sneak preview of Rocky Mountain PBS' Uranium Mania documentary at the Museum of the West and Whitman Educational Center
- 9 a.m. to noon Friday: Take a guided hike to learn about Bangs Canyon minerals, starting at Mica Mine Trailhead. Pre-registration required to eeokberg@blm.gov.
- 10 a.m. to 2:30 p.m. Saturday: Join interactive activities to learn about rocks and minerals at the John McConnell Math & Science Center.

By Gabrielle Porter

Sunday, October 8, 2017

If you've ever wanted to know more about how uranium affected Western Slope history, what kinds of amphibians and reptiles are native to the Grand Valley or how paleontologists excavate and study dinosaur bones, clear your schedule now.

Museums of Western Colorado, Colorado Canyons Association and John McConnell Math & Science Center are sponsoring a series of educational events this week in Mesa County in honor of Earth Science Week, according to Julia McHugh, the museum systems' curator of paleontology.

The headline event will be Thursday's sneak preview of Rocky Mountain PBS documentary "Uranium Mania," which focuses on the history of uranium in Grand Junction and Uravan in west Montrose County.

It was filmed with help from Museums of Western Colorado crew members. The documentary will be followed by a question-andanswer session with film producers.

"Uranium mining's such a big part of our local history, and it fits right in with our theme." McHugh said.

Wednesday is National Fossil Day and, weather permitting, Colorado Canyons Association Educational Director Rob Gay will lead a hike on the Trail Through Time in Rabbit Valley.

Dinosaur Journey will also offer "buy one, get one free" adult admission prices from 10 a.m. to 4 p.m., said McHugh, adding that adults are welcome to the exhibits as well.

"Kind of a neat date night — go and see the dinosaurs," she said
"It's our experience that the grown-ups like doing the kids'
activities as much as the kids do."

This is the second year the local organizations have sponsored Earth Science Week activities, McHugh said.

Last year, turnout was robust despite minimal advertising — except on the Thursday that week, when the Denver Broncos were playing.

This year, the week of events gained a sponsor — Dr. Michael Neste of Family Health West — and organizers invested more resources to get the word out in hopes of drawing even bigger crowds.

"We've been getting lots of interest this year, so fingers crossed," McHugh said













Weekly calendar, Oct. 8, 2017

By Staff

Saturday, October 7, 2017

Oct. 8

Catholic Daughters of the Americas, Court Mount of the Holy Cross 941, 3-5 p.m., St. Joseph's Community Room, bring your copies of the 2017-18 budget and standing rules, light refreshments served, 242-3338.

36th annual Parade of Homes, ₩10 a.m.-4 p.m. Sundays, Oct. 8 and Oct. 15, 10 a.m.-6 p.m. Friday and Saturday, Oct. 13-14, \$10, tickets at all City Market locations in Grand Junction and Fruita, 245-0253, hbaevents.com.

Oct. 9

Community meetings with School District 51 Board of Education, \$\overline{\omega}6 \text{ p.m., Redlands Middle School Cafeteria,} 2200 Broadway, 254-5100.

Colorado Archaeological Society — Grand Junction Chapter, social time 6:30 p.m., program 7 p.m. Monday, Redlands United Methodist Church, 527 Village Way, retired archaeologist Sally Crum will talk about traditional Native American use of plans, meetings open to the public, small donations accepted, 433-4312, CASGJinfo@gmail.com.

Natural Resources of the West lecture series, 4–5:15 p.m., Wubben-Science, Room 141, Colorado Mesa University, "Seeing the Forest and the Trees: Very High Resolution Remote Sensing Using Drones," presented by Dr. Richard Alward, visiting research professor, Physical and Environmental Science, CMU, 248-1689, org.coloradomesa.edu/~grichard/WSS/seminar2017.htm.

Vestafjell, Colorado Western Slope Sons of Norway Lodge, lunch meeting 11:30 a.m., The Egg & I, 120 Park Drive, No. 107, anyone interested in Scandinavian heritage and culture invited to attend, 245-5649, vestafjelllodge.org.

Earth Science Week, free educational family activities, \$\overline{\overline

Grand Valley Porcelain Artists, 9:30 a.m.-noon Monday, Grand Valley National Bank, 570 25 Road, 242-2797.

Junior Service League, \$\overline{\omega} 5:30-7:30 p.m. Monday, Bookcliff Country Club, 2730 G Road, jslgj.com.

Community potluck, 66 p.m. Monday, Copper Club Brewing Co., 233 E. Aspen Ave., Fruita, take a dish to share following the monthly theme, 858-8318, facebook.com/CopperClubBrewingCompany.

Art Jewelers Guild, 6:30 p.m. Monday, Grand View Apartments, 1501 N. First St., park behind the building and use the back door, 250-3881, 243-1220, artjewelryguild.com.

Family Support Group and Connection Support Group, 6:30 p.m. Monday, Mind Springs Health, 515 28¾ Road, Building A, 462-3989, namiws.org.

Oct. 10

Mesa County Women's Network, 11:30 a.m.-1 p.m., Bookcliff Country Club, 2730 G Road, take cash to purchase tickets for the opportunity basket to benefit Mosaic, networking activity and Getting to Know Your Board Members and Each Other, \$18 members, \$22 guests and late reservations, prepayment required at mown.org, 261-3446.

Grand Valley Multiple Sclerosis Self-Help Support Group, 11:30 a.m.-1 p.m., Central Library, 443 N. Sixth St., in the Community Room, 549-4441.

Earth Science Week, free educational family activities, 10 a.m.—11 a.m., Colorado National Monument, Independence Monument Overlook, discover the monoliths and canyons with a ranger-led geology program, museumofwesternco.org, 858-7282.

Ancient Landscapes of the Grand Valley, 1–2:30 p.m., Colorado National Monument Visitor Center auditorium, Colorado National Monument Association Walks and Talks Program focusing on the stratigraphy of each of the colorful rock beds, 858-3617, ext. 307.

Bringing Fossils to Life, 3–4 p.m., Colorado National Monument Visitor Center auditorium, Colorado National Monument Association Walks and Talks Program focusing on the odds of fossil preservation, classification of preserved remains from the remote past and various methods of dating fossils, 858-3617, ext. 307.

Oct. 11

Toastmasters Youth Leadership Workshop, 5:30–7:30 p.m., Central Library, 443 N. Sixth St., six-week workshop for teens ages 13–17 to help develop communication and leadership skills through practical experience, attendance at each session strongly encouraged, space limited, advance registration required, 243-4442.

Beauty and Brains Workshop, doors 11:30 a.m., presentation 11:45 a.m.-1 p.m., KAFM Radio Room, 1310 Ute Ave., speakers on planning for health care costs, complementary health approaches for managing pain, light refreshments served, 260-2099, beautyandbrainsworkshop@gmail.com.

Paleontology and the Art of Illustrating the Past, 6:30 p.m., Central Library, 443 N. Sixth St., in the Mesa Community Room, illustration lecture and workshop for adults, presented by Melody Brooke-Safken, 970 West Studio artist in residence, pre-registration required, 243-4442, mesacountylibraries.org.

Grand Mesa Sweet Adelines Chorus fundraiser, 4–8 p.m., Dos Hombres, 421 Brach Drive, portion of proceeds will be donated to the chorus, GrandMesaChorus.org.

Earth Science Week, free educational family activities, 5:30–7 p.m., Trail Through Time trail head, National Fossil Day event exploring Trail Through Time with paleontologist Rob Gay, weather permitting, American museumofwesternoo.org, 858-7282.

Farm and Ranch Market, 7:30 a.m.-noon Wednesdays and Saturdays, through Oct. 28, Cross Orchards Historic Site, 3073 F Road, farmmarketgi.com.

KAFM Salon, 6:30 p.m. Wednesday, KAFM Radio Room, 1310 Ute Ave., KAFM Lifelong Learning group meeting and discussion about topics affecting our lives today, 241-8801, kafmradio.org.

Colorado West Quilters Guild, 7 p.m. Wednesday, First Christian Church, 1326 N. First St., 434-6888.

Veterans Art Center member meeting, potluck supper 5 p.m., meeting 6 p.m. Wednesday, 307 S. 12th St., 462-3126.

Western Slope Coin Club, free coin and currency evaluation clinic for the public 5:30–6:30 p.m.; meeting 6:30 p.m. Wednesday, Veterans of Foreign Wars Post 1247, 1404 Ute Ave., 241-1770.

Grand Junction Area Newcomers Club coffee and meeting, 9:30 a.m. Wednesday, First Christian Church, 1326 N. First St., 549-0440.

Oct. 12

Brews with the News, 5–7 p.m., Edgewater Brewery, 905 Struthers Ave., hosted by The Daily Sentinel and Colorado Press Association, informal happy hour inviting the public to visit with Daily Sentinel staff, appetizers, play trivia.

Earth Science Week, free educational family activities, reception, \$\overline{\overline{1}}6-7\ p.m., Museum of the West, 462 Ute Ave.; "Uranium Mania" film screening 7–8 p.m., Whitman Educational Center, 248 S. Fourth St., East Wing, museumofwesternoo.org, 858-7282.

Oct. 13

Living with Grief: When Grief is Complicated, 4–6:30 p.m., teleconference hosted by HopeWest, for healthcare professionals, planned giving professions and the public, register HopeWestCO.org/category/educational-events, 241-2212.

Kiwanis Golden K Club annual chili supper, 5:30-7:30 p.m., Redlands Middle School, 2200 Broadway, chili, potato soup, salad, drinks and dessert, \$6.50, silent auction, proceeds to various children's programs.

Earth Science Week, free educational family activities, 9 a.m.—noon, meet at Mica Mine Trail Head, hike to Mica Mine with a BLM geologist, weather permitting, pre-register to eeckberg@blm.gov., museumofwesternco.org, 858-7282.

Wives of Warriors, 2 p.m. Fridays, Warrior Resource Center, 11 S. Park Ave., Montrose, gathering for military wives to offer support, provide a safe and confidential place to ask questions and to relate, 765-2210.

Retired Firefighters in Mesa County, monthly breakfast, 8–9 a.m. Friday, The Egg and I Restaurant, 120 Park Drive, No. 107, 210-3759.

Knights of Columbus No. 1062, 6:30 p.m. Friday, St. Joseph Catholic Church Parish Center 330 White Ave., bingo night, \$10 for the first packet includes all games, \$7 second packet, 261-1952, jamespasterz@gmail.com.

Craft Therapy, 11 a.m.-5 p.m. Friday, Parachute Branch, Garfield County Libraries, 244 Grand Valley Way, Parachute, bring your quilting, stamping, needlecrafting, scrapbooking, etc. to a large space with tables, ironing board, coffee and tea, 285-9870, gcpld.org.

Teen Gaming, 3–5 p.m. Friday, Central Library, 443 N. Sixth St., Xbox and PlayStation fun with other teens, drop in, 243-4442.

Masonic Lodge 173 A.F. and A.M. Stated Communication, 7:30 p.m. Friday, Masonic Center, 2400 Consistory Court, 242-0120.

Levis and Lace Square Dance Club, rounds 7–7:30, Mainstream with plus tips 7:30–9 p.m. Friday, Masonic Center, 2400 Consistory Court, 986-8801.

Nar-Anon, 6–7 p.m. Fridays, Fruita Civic Center, 325 E. Aspen Ave., in the Rotary Room on the second floor, 241-7202, 773-1388.

Oct. 14

Public Bird Banding Day, \$\overline{\text{\text{\text{\text{B}}}}8-11:30 p.m.,}\$ Connected Lakes State Park, Kingfisher parking lot, hosted by Grand Valley Audubon, get up-close and personal with some wild birds, demonstration on how scientists capture birds safely, mark them and collect important data, event is free, state parking pass required, audubongv.org.

Mount Garfield Daughters of the American Revolution, 1 p.m., Whitman Educational Center, 248 S. Fourth St., Penny Allman of Toastmasters International, will present, 596-4870.

Lavender Association of Western Colorado, 10 a.m.-12:30 p.m., 305 Main St., No. 102, in Palisade, annual member meeting, public invited, coloradolavender.org.

Two River Sams Chapter Good Sam RV Club, noon, call 523-5625 for location.

20th annual Plant Sale and Tree Auction, 9 a.m.—1 p.m. Tri River Extension office, 2775 U. S. Highway 50, tree auction begins 10 a.m., arrive early to be a registered bidder, Master Gardeners will answer questions, food and book sale by donation, proceeds benefit the Master Gardener Program and the Demonstration Gardens, 244-1834.

Earth Science Week, free educational family activities, 10 a.m.—2:30 p.m., John McConnell Math & Science Center, 2660 Unaweep Ave., Grand Junction Gem & Mineral Club will present on rocks, minerals and gems in a series of interactive stations, museumofwesternco.org, 858-7282.

The Daily Texan

THE DAILY TEXAN



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Amateur scientists identify fossils at Identification Day









Photo Credit: Alec Blair | Daily Texan Staff

TAGS

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Published on September 17, 2017 at 10:59 pm

BY MEARA ISENBERG

As soon as the doors to the Texas Memorial Museum opened Sunday afternoon, 5-year-old Andres Trujillo bolted up the steps, clutching a ziplock bag with unique contents — a tiny skull.

"Look at the jaws on it!" Trujillo said, waving the bag in the air.

Trujillo and his family drove to Austin from San Marcos to attend the 15th annual Identification Day, which brought in paleontologists and archaeologists to share their experience of identifying objects such as bones and rocks with museum-goers. The event was part of Austin Museum Day, which opened the museum from 1–5 p.m. for free to the community.

"Every day there is an opportunity for somebody to make a find, be it in their backyard or walking on a trail," said Pamela Owen, associate director of Texas Memorial Museum. "People are naturally curious, so we want to be able to provide our community with experts and have this opportunity to learn about what their find is."

Trujillo took advantage of the expertise. He ran up to the fossils and bones identification station and sat opposite paleontologist Chris Sagebiel, who shined his skull under a magnifying light. Sagebiel examined the skull and told Trujillo it belonged to a striped skunk.

"It's just pure fun," Sagebiel said. "It's nice when you get a response out of the kids. You never know what to expect. Sometimes just seeing the excitement on their face is worth the whole day of sitting here for five hours."

The fossil identification event brought not only curious young minds but intrigued adults to the museum as well. Austin resident Melita Abrego waited outside the museum before doors opened, determined to identify the mysterious mineral in her mini backpack.

Abrego made her way to the rocks and minerals table and waited intently as a scientist observed her rock. What she had was a concretion, a mass of sediments thousands of years old. Abrego's concretion had little black crystals that made it unique.

"I'm going to display it. It's a good conversational piece," Abrego said. "All rocks are special, but this rock is a little unusual, so it's a little more special."

The Texas Memorial Museum will hold its next event, National Fossil Day, on Wednesday, Oct. 11.

The Daily Times







NEWS SPORTS BUSINESS COMMUNITY ENTERTAINMENT OPINION PUBLIC RECORDS COLUMNS MULTIMEDIA CLASSIFIEDS

McClung to host Archaeology Day activities Oct. 15

From Staff Reports Oct 13, 2017 🗣 o

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In celebration of International Archaeology Day and National Fossil Day, the McClung Museum of Natural History and Culture, University of Tennessee and the Archaeological Institute of America's East Tennessee Society will host Can You Dig It?, a free, family friendly event with activities about archaeology and fossils. The event will be held from 1:30-5 p.m. Sunday, Oct. 15, 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 also can bring artifacts, rocks, and fossils to the museum for identification by experts.



The event will also have activities for children, including make-and-take Roman-style shield decorating, writing names in Egyptian hieroglyphs, creating clay fossil molds, and matching animal bones.

The McClung Museum will also host a panel of local female scientists at 3 p.m. Sunday, Oct. 15, in the museum's auditorium. The panel is part of the state-wide Tennessee STEAM Festival, a celebration of science, technology, engineering, art and math. The panel aims to promote the diversity of career options within the STEAM branches as well as highlight the support available to women through mentorships and professional networks.



The museum is located at 1327 Circle Park Drive on UT's campus. The museum is open 9 a.m. to 5 p.m. Monday through Saturday, and 1–5 p.m. Sundays. Parking passes are not needed on the weekends.

All activities are open to the public.





DAILY DEALS



PUBLIC NOTICES



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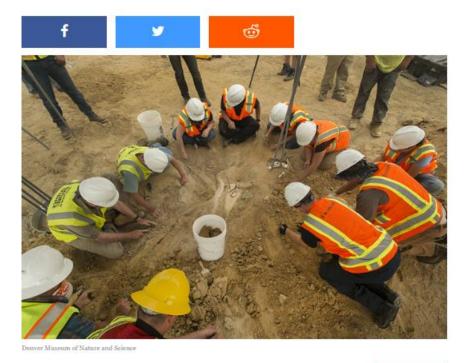


Introducing Tiny the triceratops: School kids choose name for Thornton dinosaur fossil



TAG: denver museum of nature and science | denver museum of nature & science | thornton fossil | thornton

triceratops | triceratops fossil



DENVER – A fossilized triceratops found buried in Thornton in August now has a name: Tiny.

Students from Brantner Elementary School in Thornton had the honor of choosing the name. The Denver Museum of Nature and Science announced the name on Wednesday to coincide with National Fossil Day.

The triceratops was discovered during construction of Thornton's new city building on Aug. 28. Museum officials said an estimated 80 percent of the dinosaur's skull and at least 15 percent of its skeleton were recovered from the dig site.

PHOTOS: Photos of triceratops fossil excavation in Thornton

The fossils are currently at the Denver Museum of Nature and Science, where scientists are cleaning the bones in a publicly-visible lab. The cleaning process is expected to take about a year.

Museum officials say the triceratops is the largest fossil from the Cretaceous Period ever found in the state.

Brantner Elementary students were understandably excited to have the opportunity to name the dinosaur.

"Our students, staff, and parents have all been watching this story develop right next door, and we're ecstatic for the opportunity to name the dinosaur," said Brantner Elementary School Principal Michele Saller. "This Triceratops is already a community icon, and we can't wait to see what Tiny will help reveal about life in Thornton 66 million years ago."

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The Denver Post



Energy Day Festival makes its way to East High...

Energy Day Festival makes its way to East High School

Amidst STEM job openings, Energy Day Festival aims to get students interested in STEM careers.



Denver students can learn about STEM-based careers at the free Energy Day festival Sept. 23.

Photo courtesy of Sampson PR

By JOSEPH RIOS | jrios@denverpost.com | The Denver Post PUBLISHED: September 20, 2017 at 5:52 am | UPDATED: September 25, 2017 at 1:22 pm

There's a heavy heaping of job openings in science, technology, engineering and mathematics fields, but employers say they're having a difficult time finding qualified workers. According to a <u>study</u> from the New American Economy, Colorado had 15.3 openings for every unemployed worker in STEM fields in 2016.

DP

Energy Day Festival makes its way to East High...

difficult time finding qualified workers. According to a <u>study</u> from the New American Economy, Colorado had 15.3 openings for every unemployed worker in STEM fields in 2016.

To help fill the openings, Consumer Energy Alliance and Consumer Energy Foundation are bringing a free Energy Day Festival to East High School, 1600 City Park Esplanade, Saturday, Sept. 23, from 11 a.m. to 4 p.m. The festival aims to get students interested in STEM careers. This is the first time the Houston-based event will visit Denver.

The Energy Day Festival will feature more than 40 interactive demonstrations and exhibits, including the "Wall of Water" from Denver Water. Visitors can pedal a bicycle to start the flow of water through a display of faucets.

"STEM jobs are the key to our future economic growth, particularly in helping us continue our ongoing energy revolution in Colorado and across the U.S., safely and securely," said Andrew Browning in a statement. Browning is the chief operating officer of Consumer Energy Alliance and a chief organizer of the Denver event.

Another featured exhibit will be an Augmented Reality Sandbox. Students can create topography models using geographic, geologic and hydrologic concepts they've learned in class.

Sophie Goldberg, a 10th-grader at East High, is interested in pursuing a STEM career. She was awarded a patent for a gravity-powered washing machine that could make cleaning easier in developing nations. She will share photos and details of her project at the Energy Day Festival.

"What I'm most interested in is seeing a lot of people who are as excited about engineering as I am. I hope to incite that excitement and spark that energy in a lot of other people," Goldberg said.

Browning said he hopes the festival will show local students the options available to them if they pursue STEM studies.

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Denver becomes the second city in the nation to host the Energy Day Festival

Cities look to engage youth as job opportunities continue to outnumber the workers need to fill them







Denver students can learn about STEM-based careers at the free Energy Day festival Sept. 23.

Photo courtesy of Sampson PR

By JOELLA BAUMANN | jbaumann@denverpost.com | The Denver Post PUBLISHED: September 23, 2017 at 6:13 pm | UPDATED: September 23, 2017 at 8:20 pm



East High School senior Zane Mollins remotely guided the custom-built "game bot" Riptide back and forth across Esplanade Street. Across from him children caught and released brightly colored plastic fish in the grass and volunteers torched giant marshmallows for s'mores — all in the name of STEM.

The Energy Day Festival made its Denver debut Saturday in front of East High School. Though the second day of fall brought clouds and cool temperatures, the pavement in front of the school was filled with families, students and representatives of a handful of companies who work in science, technology, engineering and mathematics.

Founded in Houston in 2011, the festival's goal is to provide outreach and education about career opportunities in STEM and various energy fields through events with hands-on activities and demonstrations.



"We want to stress the importance of energy, conservation, and efficiency in our daily lives to schools, students, and their families," said the director of Energy Day Denver, Alanna Fishman. "This festival has been so successful in Houston, which is the energy capital of the world, so it only makes sense that the next place for this festival to fall is in Denver, the gateway to energy in the West."

A group of boys dipped giant makeshift bubble wands into a solution made at the Women's Energy Network booth and created giant worm-like bubble shapes that floated across the grass.

"It's amazing how many scientific properties show up in something (like) a bubble," said volunteer Alan Lindsey. "The kids are learning how detergents and water work together to form something new; in this case something magical."

Consumer Energy Alliance
and Consumer Energy Education
Foundation partnered with Energy
360 and the University of Colorado's
Global Energy Management
Program to host the free familycentric event. The bigger goal is to
get young people interested in a
field that continues to experience a
concerning shortage of workers
skilled in STEM.

RELATED ARTICLES

SEPTEMBER 20, 2017: Westminster welcomes hub of tree houses in new nature playground

SEPTEMBER 20, 2017: Energy Day Festival makes its way to East High School

According to a <u>study</u> released by New American Economy in April, Colorado had 15.3 job openings for every unemployed worker in STEM last year, which is near the national ratio of 13 to 1.

Fishman said that with the new school year underway, there is no better time to get students thinking about, observing and interacting with the energy process and how it works in STEM-related fields.



Wes Parham, who works for Xcel, brought his young daughter to the event.

"The great thing about these events is that it introduces the younger generation to all types of industries not just what is typically seen as STEM."

The Florida Times-Union





Posted October 15, 2017 03:00 am

By Charlie Patton

ARCHAEOLOGY DAY AT BEACHES MUSEUM

The Archaeological Institute of America Jacksonville Chapter will present International Archaeology Day from 10 a.m. to 2 p.m. Saturday at the Beaches Museum & History Park, 381 Beach Blvd., Jacksonville Beach. Children and adults can participate in mock digs and pottery making. Keith Ashley, an archaeology professor at the University of North Florida, will identify local artifacts. Vicki Roland, UNF's archaeology lab administrator and adjunct professor, will present her "What's Cooking?" lecture at noon in the Beaches Museum Chapel. The event is free.

The Grand Junction Daily Sentinel

















'Uranium Mania' film part of events during Earth Science Week

QUICKREAD

EARTH SCIENCE WEEK

Earth Science Week events are open to the public and free with venue admission. Hikes are weather-permitting. For details, visit museumofwesternco.com.

- 10 a.m. to 1 p.m. Monday: Meet local amphibians and reptiles of Crocodile Reef at Dinosaur Journey in Fruita.
- 10 to 11 a.m. Tuesday: Learn about the monoliths of Colorado National Monument with a ranger at Independent Monument Overlook.
- 5:30 to 7 p.m. Wednesday: Take a guided hike and learn about fossils on the Trail Through Time at Rabbit Valley. Additionally, Dinosaur Journey will offer "buy one, get one free" adult admission from 10 a.m.
- 6 p.m. Thursday: Attend a special sneak preview of Rocky Mountain PBS' Uranium Mania documentary at the Museum of the West and Whitman Educational Center.
- 9 a.m. to noon Friday: Take a guided hike to learn about Bangs Canyon minerals, starting at Mica Mine Trailhead. Pre-registration required to eeckberg@blm.gov.
- 10 a.m. to 2:30 p.m. Saturday: Join interactive activities to learn about rocks and minerals at the John McConnell Math & Science Center

By Gabrielle Porter

Sunday, October 8, 2017

If you've ever wanted to know more about how uranium affected Western Slope history, what kinds of amphibians and reptiles are native to the Grand Valley or how paleontologists excavate and study dinosaur bones, clear your schedule now.

Museums of Western Colorado, Colorado Canyons Association and John McConnell Math & Science Center are sponsoring a series of educational events this week in Mesa County in honor of Earth Science Week, according to Julia McHugh, the museum systems' curator of

The headline event will be Thursday's sneak preview of Rocky Mountain PBS documentary "Uranium Mania," which focuses on the history of uranium in Grand Junction and Uravan in west Montrose County.

It was filmed with help from Museums of Western Colorado crew members. The documentary will be followed by a question-and-answer session with film producers.

"Uranium mining's such a big part of our local history, and it fits right in with our theme," McHugh said.

Wednesday is National Fossil Day and, weather permitting, Colorado Canyons Association Educational Director Rob Gay will lead a hike on the Trail Through Time in Rabbit Valley.

Dinosaur Journey will also offer "buy one, get one free" adult admission prices from 10 a.m. to 4 p.m., said McHugh, adding that adults are welcome to the exhibits as

"Kind of a neat date night - go and see the dinosaurs," she said. "It's our experience that the grown-ups like doing the kids' activities as much as the kids do."

This is the second year the local organizations have sponsored Earth Science Week activities, McHugh said.

The Guardian News



The Independent Florida Alligator



CAMPUS

Florida Museum holds belated National Fossil Day

Attendees could bring home fossils

Lawson Nuland, Contributing Writer Nov 5, 2017 (0)



Ariel Bowman, 28, works on a sculpture of a mastodon at the National Fossil Day event at the Florida Museum of Natural History on Saturday, Bowman is a ceramics graduate student who works on sculpting prehistoric greatures.

Lawson Nuland / Alligator Staff

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As children dug through the sand to find fossils, others gawked at the open-jawed mouths of the sharks on display.

About 1,120 people attended the Florida Museum of Natural History's National Fossil Day celebration Saturday, wrote Kaitlin Gardiner, the Florida Museum marketing and public relations coordinator, in an email. Although National Fossil Day is held in October, the museum held their event later so it could be on a weekend-long event for children, said Catherine Carey, the Florida Museum public programs coordinator.

Nine different fossil societies set up booths at the event to teach children and adults about fossils. Those attending got to take home real fossils of their own, like shark teeth, wood and sand dollars. "I definitely learned a lot," said Courtney Smith, a 23-year-old UF linguistics doctoral student. "I didn't realize that they had so many societies that were actually dedicated to finding fossils and doing archaeological type digs."

Almost all the fossils on display were found in Florida.

Paul Roth, a volunteer with the Florida Paleontological Society, said Florida has a variety of fossils and creatures.

"(There are) mammoths and mastodons, there's other extinct creatures like the American cheetah, there's just, there's a lot of fossils in Florida," Roth said.

One table had microscopes where attendees could view small fossils. There was also an artist sculpting a miniature version of a mastodon out of clay.

Christine Carney, a third-grade teacher at Sherwood Elementary School in Melbourne, Florida, drove to Gainesville to meet family and decided to stop by the event, she said.

While at the event, Carney collected small fossils for all 19 of her students. She said she picked up shark teeth, sand dollars and turtle pieces.

"All kinds of nifty things," the 48-year-old said.

Carney said she plans to incorporate the fossils into her scheduled lesson plan.

"It's going to be part of my weeklong curriculum on fossils, because I have a whole bunch of samples to give to my students, and I think they're going to love it," Carney said.



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EDITOR'S NOTE: Information for the Community Calendar should be submitted in writing, including the phone number of a contact person, no later than one week before the event. Mail to The Mining Journal, Attention: Newsroom/Community Calendar, Box 430, Marquette, MI 49855; fax to 906-228-2617; or email to rprusi@miningjournal.net, putting calendar in the subject line.

Saturday

Lake Superior Zendo — Zazen (Zen Buddhist meditation) meets at 7:40 a.m., 8:30 a.m.; morning service at 9:10 a.m. Call 226-6407 for location and details.

12-Step Recovery Groups — offered daily at the Alano Club, 1202 S. Front St., Marquette. For a complete AA meetings list visit www.aa-marquettecounty.org.

Alcoholics Anonymous — meets 9 a.m., First United Methodist Church, Marquette. Handicapped accessible. Call AA Hotline at 249-4430.

YMCA Tang Soo Do Karate — in Marquette for private lessons by appointment from 9:15-9:45 a.m.

Intermediate all ages from 10-11 a.m. Family karate from 11 a.m. to noon and youth beginners from noon to 1 p.m. A Christian perspective, Spirit Warrior Karate Academy. Contact 6th Degree Black Belt Master Joyce Tredeau at 360-0479 or the Y at 227-9622.

TaeKwon-Do School — Martial arts class from 9:30-11 a.m. for all ages and belt levels. 1310 S. Front St., Marquette. Visitors welcome. Call 485-1366.

Alcoholics Anonymous - 10 a.m., 1202 S. Front St., Marquette.

Zumba — Latin-inspired cardio dance fitness class offered 10 a.m. at Dawn Dott Dance Studio, Marquette. Cost: \$5. Call 360-9287.

Al-Anon - non-smoking meeting, 10 a.m. at Church of Christ, Marquette.

Karate — Spirit Warrior Tang Soo Do martial arts with a Christian approach at the Marquette YMCA: hard core karate for adults is 10-10:50 a.m.; family karate (age 4 and older with a parent) is 11-11:50 a.m.; Karate Kids (ages 6-14) is noon-1 p.m.; special needs karate is 1:15-2 p.m. Call the Y at 227-9622 or Joyce Tredeau at 360-0479.

Bridge Lessons — offered 10:30 a.m., Marquette Senior Center, 300 Spring St., Marquette. Call 225-1456.

Alcoholics Anonymous — Big Book study group 10:30 a.m., Back Room in University Center at Northern Michigan University.

Quilt Show — The 2017 Autumn Comforts Quilt Show, sponsored by the Marquette County Quilters' Association, will be from 11 a.m. to 5 p.m. in the Don H. Bottom Center's, Great Lakes Rooms. For more information go to marquettequilters.com.

Archaeology — An Archaeology Fair takes place from noon to 3 p.m. at the Marquette Regional History Center. International Archaeology Day is celebrated throughout the world on this day. The public is invited to 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 fair is included with the cost of general admission. Museum admission prices are adults: \$7;seniors: \$6; students: \$3; and youth 12 and under: \$2.

Alcoholics Anonymous — noon, 1202 S. Front St., Marquette.

Faith-Based Recovery — Faith-based support and recovery program for addictions of all kinds meets noon-1:30 p.m. at the Rock Bible Chapel. Call 356-6346, 553-9830 or 356-6133.

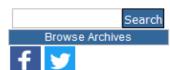
Ninjitsu — class offered noon-1:30 p.m., Northern Lights Martial Arts Center, Marquette. Call 346-9054.

Open Gym — 1 to 2:30 p.m. at PEAK Gymnastics and Fitness, Marquette. Non-members welcome. Fee is \$5. Call 273-0696.

Bridge - played at 1 p.m., Marquette Senior Center, 300 Spring St., Marquette. Call 225-1456.

Okee Dokee Brothers: Concert — 2-2:30 p.m. Community Room. Join us for a fun family concert and book-signing with the musicians behind everyone's favorite song, "Tippy-Toes" Free event, all ages. Especially geared toward current and former Book-Babies. Call 226-4320 or visit pwpl.info.







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2017-10-19 / Front Page









Iris Garden Club hosts 'No Child Left Inside' at W-WPS

By ELIZABETH CRABBE

The Iris Garden Club, partnering with the administration and faculty of the W-W Primary School hosted "No Child Left Inside" early this month at the school's Outdoor Classroom/Wildlife Watch. No Child Left Inside is a program designed to enhance the primary age earth science curriculum and allows children outdoor sessions with professional experts in various fields.

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Learn about the world of archaeology

Posted on October 10, 2017 by oshawaexpress in Lifestyles

Back for the fifth consecutive year, the Oshawa Museum and Trent University Durham GTA are partnering to celebrate Archaeology Day with the Durham Region community.

On Saturday, Oct. 21, these local organizations will join more than 110 collaborating organizations for the Archaeology Institute of America's, International Archaeology Day.

With lectures and hands-on activities planned, members of the public can learn more about archaeology and local excavations through interactive displays and activities; visit with representatives from the Archaeological Services Inc. (ASI) and the Ministry of Transportation 407 ETR project; explore indigenous history and culture; and listen to inspiring lectures by archaeological experts.

"If you are an excavation enthusiast, archaeology newbie, curious kid, or even an Indiana Jones fan, we are excited to share our knowledge of and passion for the field of archaeology with you," Lisa Terech, community engagement for the Oshawa Museum stated in a media release.

Events will take place at Trent University's Oshawa campus, 55 Thornton Road South, between noon and 3:30 p.m.

This free event is open to the public. Families are encouraged to attend. There will be interactive activities for children of all ages.

For more information about International Archaeology Day visit the Oshawa Museum's Facebook page at www.facebook.com/OshawaMuseum

The Parthenon

THE PARTHENON STAFF CONTACT THE PARTHENON IN PRINT VIDEO

Marshall to invite schools for first Earth Science Bowl and join nation-wide celebration

Staff Reporter

October 2, 2017 Filed under NEWS



For the first time at Marshall University, an Earth Science Bowl will occur Tuesday, Oct. 17 at 7 p.m. as part of the celebration for the National Earth Science Week.

The overall winning team at each level will win a \$150 gift certificate, and second place teams will win a \$75 gift certificate.

Trophies will also be awarded to each member of the first and second place teams.

The contest is being sponsored by the Marshall College of Science and department of geology and will be held on the second floor of the Science Building, Room 276.

There will be three levels of competition, the first being high school students. High schools within a 60 mile radius of Marshall have been invited to the competition.

"High school programs are developing their earth science," Ron Martino, professor of geology and chairman of the geology department, said.

"It's a chance for high schools to show how good their students are."

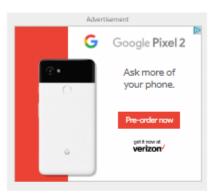
The second tier of the competition is for college who are not geology majors. All tiers of teams must be made of three individuals.

"Our second tier will be made up of non-geology majors," Martino said.

"It could be a science major, an English major, a history major... Anybody who's had a first semester course in geology would be in a really good position to compete."

The third tier of competition will be geology majors.

Concord University and Morehead State are among the other universities who have been invited to compete against Marshall's geology majors.



NEWS



Frights for Philanthropy: SigEp's 'CarnEvil'-themed haunted house starts Friday

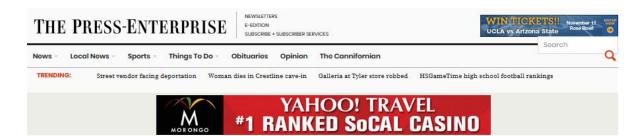
Hunter Ellis, Reporter

In an effort to raise money for Big Brothers Big Sisters of the Tri-State, Marshall University's chapter of Sigma Phi Epsilon (SigEp) will have their fourth annual haunt... October 16: 2017

Marshall Athletics, Interfraternity Council raise

The Press-Enterprise





LOCAL NEWS

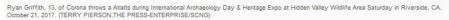
Ancient times celebrated at International Archaeology Day in Riverside





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BY CONTENT SHARE!

PUBLISHED: October 21, 2017 at 5:09 pm | UPDATED: October 21, 2017 at 5:21 pm

Attendees at the International Archaeology Day & Heritage Expo at the Hidden Valley Wildlife Area in Riverside on Saturday threw atlatl darts, deciphered ancient writings, interpreted archaeological artifacts, wrote like Roman centurions and learned how we know about the past.







Jaioni Sly, 24, of Riverside throws a Atlatis during International Archaeology Day & Heritage Expo at Hidden Valley Wildlife Area Saturday in Riverside, CA. October 21, 2017. (TERRY PIERSON, THE PRESS-ENTERPRISE/SCNO)



Those were just a few of the hands-on activities at the event, which included universities, government agencies, museums, and professional archaeologists.

Among the participants were the Robert and Frances Fullerton Museum of Art at Cal State San Bernardino, which had a display on ancient Egypt, and the Riverside County Crime Lab, which had an exhibit on the work of forsenic scientists.

The expo, part of California Archaeology Month, was sponsored by the Riverside County Parks and Open Space District and the Riverside and Inland Empire Society of the Archaeological Institute of America. The Society for California Archaeology also offered support for the event.

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The Press Telegraph







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What's Just Energy Group Inc (JE) Upside After Forming Wedge Up?

November 6, 2017 - By Maria Brooks

The stock of Just Energy Group Inc (JE) formed an up wedge with \$6.04 target or 8.00 % above today's \$5.59 share price. The 6 months wedge indicates low risk for the \$816.17 million company. If the \$6.04 price target is reached, the company will be worth \$65.29M more.

Rising wedges, especially for downward breakouts are tricky moments to trade. Investors must be aware that the break even failure rate for up or down breakouts is: 8% and 24%. The average rise is 28% and the decline is 14%. Wedges has high throwback and pullback rate: 73%, 63% and the percent of wedges meeting target is not more than 50%.

About 36,082 shares traded. Just Energy Group Inc (NYSE:JE) has declined 10.67% since November 6, 2016 and is downtrending. It has underperformed by 27.37% the S&P500.



Investors wait **Just Energy Group Inc (NYSE:JE)** to report on November, 8. its quarterly earnings Wall Street analysts expect \$-0.02 earnings per share, up \$0.34 or 94.44 % from last year's \$-0.36 same quarter earnings. Just Energy Group Inc's Wall Street analysts see -114.29 % negative EPS growth, taking into account the \$0.14 EPS reproted in the previous quarter,

Just Energy Group Inc (NYSE:JE) Ratings Coverage

Among 7 analysts covering Just Energy Group (NYSE:JE), 3 have Buy rating, 0 Sell and 4 Hold. Therefore 43% are positive. Just Energy Group had 11 analyst reports since August 14, 2015 according to SRatingsIntel. The rating was initiated by FBR Capital with "Outperform" on Friday, December 18. H.C. Wainwright initiated Just Energy Group Inc (NYSE:JE) on Thursday, December 10 with "Buy" rating. The firm earned "Buy" rating on Friday, August 11 by H.C. Wainwright. The rating was downgraded by National Bank Canada on Monday, August 17 to "Sector Perform". Canaccord Genuity downgraded the stock to "Hold" rating in Thursday, May 18 report. Rodman and Renshaw initiated the shares of JE in report on Thursday, December 10 with "Buy" rating. The firm has "Buy" rating by H.C. Wainwright given on Thursday, May 25. FBR Capital maintained it with "Buy" rating and \$7.5000 target in Tuesday, June 13 report.

More recent Just Energy Group Inc (NYSE:JE) news were published by: Globenewswire.com which released: "Just Energy a Proud Sponsor of Houston's Energy Day 2017" on October 24, 2017. Also Globenewswire.com published the news titled: "Just Energy to Announce Second Quarter Fiscal 2018 Results" on October 26, 2017. Globenewswire.com's news article titled: "Just Energy Foundation and Garden Academy Officially Open Sustainable Garden ..." with publication date: October 30, 2017 was also an interesting one.

Just Energy Group Inc-Receive News & Ratings Via Email - Enter your email address below to receive a concise daily summary of the latest news and analysts' ratings with our FREE daily email newsletter.

The Prospector Daily



HOME NEWS - SPORTS ENTERTAINMENT MULTIMEDIA

UTEP celebrates Earth Science Day



Special to the Prospector

Children learn how to shift for gold.

Elenie Gonzalez, Reporter October 16, 2017 Filled under News, Showcase

The Geological Sciences department celebrated Earth Science Day Inside the Geology building on Saturday afternoon to showcase the department and teach the community about the importance of Earth Science.

The celebration is part of Earth Science Week, which is a national effort by the American Geological institute for engaging the public in Earth Science. This year's theme was "Earth and Human Activity." Earth Science Day is celebrated on Saturday, at the end of Earth Science week each year.

This year's celebration brought out around 500 guests from the UTEP and El Paso

Multiple events were held throughout a four-hour period, and took place inside the Geology building and outside on the lawn in front of the building.

The lawn was used to showcase a drone demo manned by geological sciences professor Jose Hurtado.

"This is an annual event we have done here at the department for the last 10 years," Hurtado said. "We have an open house with lots of activities going on. The drone flights are one of them. We have other hands-on activities for kids and families inside."

Another event held out on the lawn was the Weather Balloon Launch.

Activities included a pet rock table where kids could paint rocks, a game of Environmental Advocates BINGO and a Rocks and Minerals exhibit showcasing the various rocks and minerals that can be found around the region.

Pan for Gold which held in the courtyard of the building was another draw that taught kids how to find gold in the water.

The flubber and silme room was packed with kids making their own silme.

in total, there were 22 different activities and exhibits held throughout the event.

Frankle Enriquez, a senior geological science major, expressed the importance of the UTEP community to understand what the Department of Geological Sciences does.

"Many people think it's just looking at rocks," Enriquez said. "It's so much more than that. It's Important to Inform people at UTEP and In El Paso about how geology and environmental science impacts them and where they live."

Free food and drinks were given out to all the guests in the courtyard. Treats and candles were also set up at each station. As kids learned about each exhibit, they also received a treat for stopping by.

The event was free and open to the public. Although many of the guests were affiliated with UTEP and the department, the hope was that more of the EI Paso community was able to come out and enjoy the day.









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UTEP celebrates Earth Science Day



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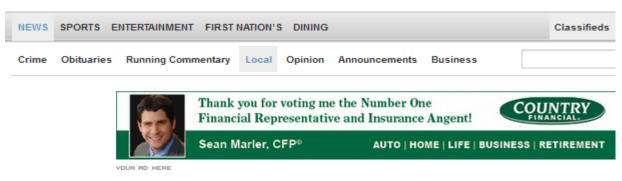
"This is just a great way to get the community involved with UTEP," Hurtado said. "In particular the Geological Sciences department, to give them an idea of what we do, what we're about. It's a lot of fun."



Tags: Earth, earth science day, Geology, UTEP

The Record-Courier





Geologists offer tour of Carson Valley during Earth Science Week

Geoscientists from the Nevada Bureau of Mines and Geology will explain the geology of the

Carson Valley on Saturday in celebration of Earth Science Week 2017.

Staff Reports October 18, 2017









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TOP JO

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Gravel

Major stops on this field trip will include:

A 1 million-year-old cinder cone volcano

Evidence of ancient rivers flowing from central Nevada to the Pacific Ocean before the Basin and Range of Nevada dropped because of faulting

Recently active earthquake faults

Geothermal springs

The 2014 Hot Spring Mountain flood and debris flows

Trip leaders Seth Dee, Bridget Ayling, and Chris Henry will be available to answer your questions about geology and identify a variety of rocks.

NBMG coordinates annual geology field trips for the public during, or near, Earth Science Week. NBMG has been an active participant in Earth Science Week since it began in 1998.

To sign up or for information visit http://www.nbmg.unr.edu/ScienceEducation /EarthScienceWeek/index.html

RECOMMENDED STORIES FOR YOU



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The San Pedro Sun



Marco Gonzalez Hosts International Archaeology Day in San Pedro

Sunday, October 8th, 2017



Press Release – Marco Gonzalez Maya Site – October 4, 2017 – International Archaeology Day is recognized worldwide each year on October 21st. Belize Institute of Archaeology will be holding their 2017 educational events during the week of October 16 through 20, concluding with a two-day event in San Pedro. Hosted by the non-profit organization Marco Gonzalez Maya Site Ambergris Caye, Ltd (MGMSAC), the event will be held at El Patio Restaurant in downtown San Pedro.



Jan Brown, Founder/Chairman of the Marco Gonzalez Board says, "Toni Beardall and Josue Ramos from IoA Research Department will be here Thursday and Friday, Oct 19th and 20th. The Ministry of Educational Officer Odelia Caliz has invited our schools grade Std. 4 and up to attend a 30-minute presentation and view a display of the artifacts that have been found on the island. If time allows after the children have finished, the presentation will be available to the public from 3:30 to 4:15pm."

MGMSAC, Ltd. has hosted this celebration in the past, skipping 2016. The San Pedro House of Culture's Mito Paz hosted the event in 2015 under the theme of Maya Technology. The children participated in hands-on use of grinding cocoa, spear throwing with an atlatal and writing their name in Maya glyphs, to name a few activities. "This year's theme, The Maya of the Coast, will briefly cover the origin of the Maya, who they were along with some focus on their maritime activities, particularly on Ambergris Caye. The video shows briefly the creation of man in the ancient writings of the Popol Vuh," states Mr. Beardall. The artifact display will cover five of our registered sites from Ambergris Caye. Mr. Beardall has some surprises to bring from the Belmopan NICH vault too!



"The children will receive handouts from IoA and will be provided with water as well. "We love to interact with the children; they're full of questions and very inquisitive when viewing the artifacts. They always seemed happy to learn about their heritage – particularly the Maya of Ambergris Caye," says Brown.

For further information about being an event volunteer or donating to the event expense, please contact Ms. Jan Brown, 672-2725, or Mr. Peter Nolan, President, MGMSAC, Ltd, 631-7813.

The Storm-Lake Pilot Tribune



O'Brien County Prairie Heritage hosting two events for October

Friday, October 13, 2017

Celebrate International Archaeology Day by learning about some games from the past. O'Brien County Conservation Board is holding a Native Games Day at the Prairie Heritage Center on Sunday, October 22 beginning at 2 p.m.

This will be a hands-on event which engages participants in playing a wide variety of games. Try your luck with games of chance. Test your senses with observation activities. Hone your skills with active games. This event will include activities appropriate for people of all ages.

A Creative Spirits Event will be held at the Prairie Heritage Center on Thursday, October 26 beginning at 6:30 p.m. A short presentation on bison will begin the event.

Then, make memories with friends and create a beautiful piece entitled "Fall Forest." Reserve your spot by registering online at www.creativespiritesokoboji.com or call 712-336-8186, For more information, call the Prairie Heritage Center at 712-295-7200.





Public Lands Day celebrates the outdoors, with a chance to give back to the land

by Rose Egelhoff

The Times-Independent
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Volunteer events are being organized throughout September to celebrate National Public Lands Day, which will be held on Sept. 30.

The National Environmental Education Foundation (NEEF) organizes the day, which is the nation's largest, single-day volunteer effort for public lands, according to the NEEF website.

"Through NPLD, NEEF works to connect people to public lands in their community, inspire environmental stewardship, and encourage use of public lands for education, recreation, and general health," states a press release regarding the event.

In the Moab area, a variety of events organized in partnership with the Bureau of Land Management (BLM) give recreationists a chance to give back to the places where they play, including an event on Sept. 29 that is seeking volunteers for trail building at the Mill Canyon Dinosaur Tracksite.

On Sept. 16, Grand County Trail Mix and the BLM created an education mountain bike trail and Moab Friends for Wheelin' partnered with the BLM to install informational kiosks and fence off sensitive resources along the Black Ridge rock-crawling route.

Sharon Hogan, Trail Mix treasurer, said they hope the educational trail helps with the problem of people riding off-trail.

"Since Scott [Escott, Trail Mix trails coordinator] and I ride these trails all the time and he has built most of them and I've done some building, we just get really bummed out when we see tracks off trail ... we've come to the conclusion that people just don't know that it's harmful to the rest of the environment," Hogan said. "So, with that in mind, that people just don't know that they're doing something wrong, we've decided to try to make a trail right at the trailhead of the most popular area in Moab to mountain bike, that people can go on and stop at little signs along the way that explain what to do."

The signs explain how to pass, how to go over an obstacle and how and why to leave a bicycle on the edge of the trail when going off trail to a point of interest.

"You're allowed to walk wherever you want in the desert and it's a lot less harmful than riding or taking your bike and leaving a bike track across the desert," Hogan said. "You're not really allowed to take your bike off the trail legally."

On Saturday Sept. 23, the BLM will work with Grand County to rehabilitate land in the Sand Flats area and Westwater Area Volunteers for Excellence (WAVE) will pick up trash and plant vegetation in Westwater Canyon. Red Rock 4-Wheelers will add new trail markers to the Seven Mile Jeep Safari Route.

The BLM will be rerouting a trail at the Mill Canyon Dinosaur Tracksite on Saturday, Sept. 29 and is seeking volunteers to help transport trail materials, spread sand and line the trail with rocks.

"We plan on doing a tour of the [dinosaur] tracksite ... for people that maybe haven't seen the tracks or maybe want to learn a little bit more about the tracksite and why we're adding to the existing trail that we have there," said BLM district paleontologist and event leader ReBecca Hunt-Foster.

"We have such a great support system of folks that enjoy all the things that are available to do on public land such as recreating or hunting and fishing and all sorts of things. So it's nice for people to be able to feel like they have a specific day of the year that they can give back, if they're interested in that," Hunt-Foster said.

The event will double as a celebration of National Fossil Day, which occurs on Oct. 11, she said.

"National Fossil Day is a day when we celebrate all the wonderful fossils that we have in our country, especially from our public lands," Hunt-Foster said. The BLM will offer more tracksite tours on Oct. 1 as part of their National Fossil Day festivities, she added.

Volunteers will meet at 8:30 a.m. at the Mill Canyon Tracksite Trailhead, approximately 15 miles north of Moab, according to a BLM press release. Participants are asked to bring work gloves, a water bottle and lunch. Tools, water and National Public Lands Day t-shirts will be provided. The event concludes at 1 p.m.

For more information about the volunteer opportunity at Mill Canyon, contact Hunt-Foster at 435-259-2179 or rhuntfoster@blm.gov.

The BLM expressed appreciation for the volunteers at these and other events.

"The BLM sincerely appreciates our volunteers - we couldn't do all that we do without their help and passion for good stewardship and shared conservation efforts," said BLM spokesperson Lisa Bryant in an email.

The Tribune | Greeley & Weld County, CO

ENERGY DAY FESTIVAL KICKS OFF

Consumer Energy Alliance, kids, parents, educators and more than 54 organizations gathered to celebrate the state's first Energy Day Festival, a STEM and energy education event, Saturday at East High School in Denver.

Attendees, including educators and local officials, saw 40 interactive exhibits highlighting educational institutions and energy companies — from renewables and utilities to oil and gas — that came out to showcase types of energy production, technology and efficiencies within the energy industry.

Energy Day also presented 19 students and a teacher with scholarship awards for their achievements within the classroom and in various science competitions across the state, according to the release.

Energy companies such as Vestas, PDC Energy, S&P Global, Anadarko, Xcel Energy, Extraction Oil & Gas and Crestone Peak Resources sponsored the event.

For more information, go to http://www.energydayfestival.org.

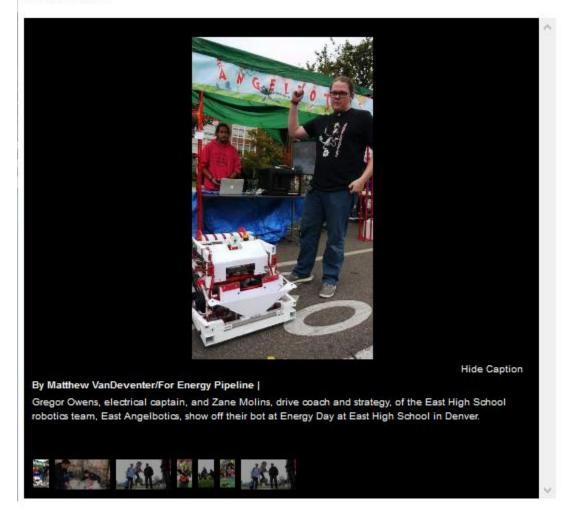
The Tribune Serving Greeley and Weld County, CO



Energy Pipeline: Industry leaders join to demystify STEM education, pave path to energy industry careers







DENVER — It was a rainy Saturday on Sept. 23, but thousands showed up at East High School Esplanade for Colorado's inaugural Energy Day festival, an effort to promote STEM education to get kids more into the sciences, technology, energy and math.

Seniors Gregor Owens, electric captain of the East High School Angelbotics robotics team, and Zane Molins, drive coach and strategy, were stationed at the entrance of the festival, driving around the robot that got the team further in robotics competitions than ever before.

An April study by the New American Economy reported many states, including Colorado, are seeing a shortage in skilled STEM workers. According to a news release, Colorado had 15.3 job openings for every unemployed worker in STEM last year. The national ratio was 13 to 1. This first Energy Day was an effort to demystify STEM and spark student interest in the possibilities.

"I think it's mostly because they don't see it, they don't see it happen, they don't see people actually having fun doing it," Molins said of the increasing propensity of students to shy away from STEM education. "The more it can be in their face the more they'll see it and want to do it."

Owens and Molins got into STEM almost randomly: They both didn't have anything else to do after school. They didn't know a thing about building robots, but they ended up joining the team.

Students and even adults alike see a robot and think it's the hardest thing to build, wires sticking out, motherboards secured, lights flashing, remote controls operating, a cause example of the STEM fear. "But it's easier than you think," Owens said nonchalantly. "People need to know that building robots is not an impossible sci-fi thing. You can do it at home if you want. It's doable. It's easy."

As the pair steered their robot, kids and adults filtered in an out of the East High grounds, where dozens of energy and energy related companies were on hand to talk about their business.

"One of the things that a lot of energy companies are struggling with is getting people interested in energy and getting students to understand the career path that they can have," explained Lisa Hamil, founder of Energy 360, an organization that seeks to educate people about the energy of consumerism. They partnered with the Consumer Energy Alliance and Consumer Energy Education Foundation to bring Energy Day from Houston, Texas, where it is held annually, to Denver for the first time.

RECOMMENDED STORIES FOR YOU



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Greeley City Council agrees to pay woman \$150,000 after wrongfully taking, euthanizing dogs



Doug's Diner opens today downtown



Jury convicts Greeley man of raping 9-yearold girl

"So this is all about STEM education and how a STEM education can lead to a career in energy—
any form of energy, innovation, technology, sustainability, there's a lot of different career paths
people can go down. It's just to educate people about what's out there," Hamil said.

Students from Metropolitan State University demonstrated concepts in physics by launching air rockets down the esplanade. Attendees could observe how sand moves when sound is applied, feel the pull of centrifugal force with bicycle wheels, and launching air-soft rockets down the esplanade. Kids could operate remote-controlled Caterpillar tractors, check out solar panels on display, and see the flow of water through faucets when they pedaled a stationary bike at the Denver Water exhibit.

Major oil and gas players also attended the festival including, Anadarko, which had a tent full of engineers and community outreach employees talking with visitors. One Anadarko engineer had four, shoulder-high, clear blue tubes with different sized marbles in each one with water or vegetable oil flowing through them to demonstrate porosity, resembling how oil and gas flow through rock.

On the other side of the tent was an Augmented Reality Sandbox that generated topographic contour lines to show changes in elevation as kids shoved piles of sand around to form peaks and valleys.

"We definitely want to attract kids to STEM careers, because obviously we're trying to recruit the next generation of oil and gas professionals," said Elizabeth Smith, a member of Anadarko's stakeholder relationship team. "It's really encouraging to see how much excitement there is, especially in the last few years around these STEM careers. So, just building excitement with our kids and letting them know that these jobs are actually pretty cool and science and technology, engineering and math — you can get a really fun, interactive, cool position if your pursue a STEM career."

A pinnacle message of the day was that there are endless career possibilities in energy and that working in the industry isn't just about rocks and solar panels, but computer science, data, programming, and even robotics and drones.

Officials from Liberty Oilfield Services showcased how computer sciences and data analysis is a major part of the oil and gas industry with a program developed specifically for the event. Participants jumped on a platform to measure how high they were in the air based on how long they were off the ground. Immediately after landing, data collected from their time in the air was displayed on a screen right in from of them. Another engineer, who described himself as one of Liberty's professional problem solvers, demonstrated frac fluid made with all natural ingredients such as Dr. Bronner's soap.

Leen Weijers, Liberty's vice president of engineering, oversees the company's approximately 100 engineers stationed on its 18 frac sites, several of which are quiet fleets made up of fracking pumps that have been redesigned and encased for sound mitigation. For Weijers, it was rocks that got him involved in energy; seeing a 6 million-year-old fossil sparked his imagination. However, that's not the case for everyone, he said. Others, such as the engineers who developed the height-calculating program for the festival, are more interested in data and displaying it, theory, or the mining side of the business.

"There's many different ways of getting into it," added Weijers. While the simulation at the festival isn't directly used in the field, similar applications are, such as measuring fluid levels in a tank with sonic measurements or understanding the amount of fluids that have been pumped out by calculating the change in fluid levels in the tanks from which they come.

Jim Marchiori, executive director of the University of Colorado at Denver's Global Energy Management Program, also an Energy Day co-host, deals with students at the master's level, but said the energy industry survives by way of STEM students in two ways: college graduates or skilled trade-workers (of which he said there are four key trades: electrical, mechanical, instrumentation technicians and process operations).

"There's a constant shortage of people in those areas," Marchiori said. "They're solid, stable-type jobs that actually make the industry run and you can never quite have enough people."

STEM is crucial for a thriving energy industry, whether it's oil, solar or wind. Marchiori speculated the drop in STEM students was because it's more challenging than other topics. He alluded to famed tale of students dropping their math class at day's end.

Regardless, it's up to the state to encourage STEM funding if it wants to attract technical positions and top candidates to fill them.

"That's why events like this are important," Marchiori said. "At the end of the day, [sic] if you want to have a robust energy or even technology or financial industry, you've got to have an educated workforce to make that industry run. If you want to attract those jobs and attract those people to Colorado, STEM education is fundamental. So it's really in the state's interest to drive efforts [around those] programs."

The Mead Energy Academy, housed within Mead High School, presents energy as an "arena of opportunity" but they don't call themselves a STEM program because they think some kids are getting scared away or intimidated by engineering, according to Will Pratt, an energy science teacher with the program.

The academy's programming includes law, policy and even photography. One student years back wanted to get into photography, so they worked with their Anadarko partners to bring with them a staff photographer on a field trips to work the student one-on-one.

"We think that some kids are getting scared away by the engineering label and so we're trying to broaden it and flatten that out a little," Pratt explained at Energy Day. "(We) still serve STEMinterested kids, but (we) also broaden it."

Energy 360's Hamil also thinks the conversation around energy can be intimidating because it often gets argumentative when oil and gas come into play. Wind and solar get all the positive attention, even though it's still largely reliant on the former.

She said she believes people need to talk about all forms of energy equally, because oil and gas is here to stay and wind and solar are on the rise.

"You need to understand the costs and benefits of all forms of energy and I think if we can get people to have a better discussion about all forms of energy and understand it better," Hamil said, "that will also help people get more interested in having a career in energy."







The Town Crier



News

Online Reader



Revis' Ramblings | By REVIS BLAYLOCK

Revis Blaylock has been on staff with the Manila Town Crier for over 35 years. She has enjoyed making friends in all the areas that the Town Crier covers. This blog contains her general ramblings about events throughout Buffalo Island. She welcomes your comments and ideas for future stories

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Sports





Celebrating October days

Posted Tuesday, October 3, 2017, at 10:01 AM

October has arrived and hopefully we can all celebrate cooler temperatures. Most years October brings cooler weather for us to enjoy after the high temperatures of July

I decided it is time to go to my source (Google) and see what is ahead for us in the upcoming days.

We think of October as just another month on the way to the special days like Thanksgiving or Christmas.

I looked on my calendar of events for October and discovered every day has something we can celebrate. We don't have to wait until November.

As a matter of fact, the month of October includes: Adopt a Shelter Dog Month; American Pharmacist Month; Awareness Month; Breast Cancer Awareness Month;

Clergy Appreciation Month; Computer Learning Month; Cookie Month; Domestic Violence Awareness Month; Eat Country Ham Month; International Drum Month;

National Diabetes Month; National Pizza Month; National Vegetarian Month;

National Popcorn Popping Month; Sarcastic Month; and Seafood Month.

For week long celebrations there is Week 1 – get organized week or Customer Service Week. Week 2 is Fire Prevention Week or Pet Peeve Week. Oct. 14-20 is Earth Sciences Week and Week 3 is Pastoral Care Week.

I would like to say I will get organized during the month of October but it probably won't happen.

Every day there is something on the "unique" calendar of events for us to think about. Did you know Oct. 1 was National Homemade Cookies Day? Sorry I missed telling you this in time for you to bake a batch of homemade cookies for friends and family. Other days include:

Oct. 4 is National Golf Day and National Frappe Day. I am not very good at golf but I can enjoy a frappe with the best.

Oct. 5 - Do Something Nice Day and World Teacher's Day. We could combine the day's events and do something nice for a teacher. We would have both covered. Oct. 9 is a familiar date - Columbus Day. It comes around the second Monday of October. It is also Fire Prevention Day which would be a good day to make sure the batteries in the smoke alarms are all working.

Oct. 17 is National Fossil Day on Wednesday of Earth Sciences Week.

Oct. 12 is Moment of Frustration Day. I really think we could pencil that in any day of any month on the calendar.

Oct. 13 falls on Friday and everyone knows Friday the 13th can be a disturbing day for some. I try to treat Friday the 13th just like any other Friday. I am not a scary movie fan so I have not watched all of the Friday 13th movies. Evidently, the day makes a popular movie topic as it seems we have Friday the 13th, II, III, Friday 13th the Final, then a New Beginning Friday 13th, and the movies go on.

Some of the other days include:

Oct. 16 -- Bosses Day.

Oct. 17 -- Wear Something Gaudy Day.

Oct. 22 -- Mother-in-law Day.

Oct. 24 -- National Bologna Day.

Oct. 31 -- Halloween, the one children look forward to.

The Vanguard

Anthropology conducts research

Natasha Spradlin, Reporter October 16, 2017 Filed under News, Showcase



Dr. Lesley Gregoricka, assistant professor in the Anthropology department at the University of South Alabama, and USA students Jordan Temples and Antonia Carter are conducting research on roughly 900 skeletons from two 4,200 year old tombs located in the United Arab Emirates along with help from undergraduate student volunteers. The research is a long-term anthropological study at USA that is scheduled to take 15 years.

According to Gregoricka, the goal of their research is to learn more about the lives of the inhabitants in southeastern Arabia during the Early Bronze Age. They plan to examine changes in tomb demographics over time, mortuary practices, health and diseases, activity patterns and much more.

"Human skeletal remains have much to tell us about the behaviors of past peoples, including how they treated their dead," Gregoricka said. "These collections are special because so few people have looked at them. This is due, in part, to the conditions of the bones. They're fragmented. They represent hundreds of individuals being buried together over 300 years between these two tombs. We can learn a lot thanks to technological advances and a willingness to devote the time to look at these people and what their lives were like."

Student volunteers will clean, sort and label the remains. Advanced osteology students will conduct their own research on the remains and sort the bones while identifying small fragments. Jordan Temples plans to estimate the sex of the individuals and the ratio of males to females. Antonia Carter plans to discover the temperatures this civilization burned bodies and the amount of decomposition that occurred before cremation took place.

"I know we can't speak for these people since they've already passed away, but it's interesting to discover their culture and share it with the current culture so they can know what their history is." Temples said.

Carter and Temples will present their research at the American Association of Physical Anthropologists' annual conference in Austin, TX in April. Dr. Gregorioka has also applied to the National Science Foundation for a Research Experiences for Undergraduates (REU) grant that she hopes will fund continued research on the collections for years to come. As part of this grant, undergraduate students from USA and around the United States will have the opportunity to conduct hands-on research firsthand. They will also be able to document their progress via blog posts, Twitter, Instagram and by constructing digital stories that will be posted to YouTube and Facebook.

Dr. Gregorioka hopes students at USA take advantage of the resources and opportunities within our campus community.

"There are incredible opportunities around every corner that students don't even realize are happening in the room next to them." Gregoricka said. "Just by speaking with their professors they may find these really incredibly research opportunities that they can do even as undergraduates. You know, I take undergraduates every year to the middle east to dig tombs. We have these opportunities everywhere."

Student research highlights for anthropology projects can be found on their facebook page (https://www.facebook.com/usa.anthropology/). In addition, visitors of all ages are welcome to attend International Archaeology Day on Oct. 21 from 12 p.m. to 4 p.m. at the USA Archaeology Museum. The event will offer a variety of indoor and outdoor hands-on activities for visitors to try, including spear-throwing, making coiled clay pots, solving a forensic cold case using human skeletal remains and playing the Native American game "chunkey."



The Vineyard Gazette



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Fossil Fred (far right) is Fred Hotchkiss, director of the Marine and Paleobiological Research Institute.

Mark Lovewell

HISTORY NATURE & SCIENCE ARTS & ENTERTAINMENT

Fossil Day Brings Out the Dinosaurs

Thursday, October 5, 2017 - 11:52am



National Fossil Day is here again and thankfully on the Vineyard there is Fossil Fred to help celebrate and educate.

Fossil Fred, also known as Fred Hotchkiss, is the director of the Marine and Paleobiological Research Institute. In addition to his knowledge he is bringing his private collection to the Oak Bluffs Library on Thursday, Oct. 12 from 4 to 7:45 p.m. There will also be many other official guest presenters available for discussion.

The event is BYOF (bring your own fossil), which could mean bringing along grandpa or sharing your own collection of specimens,

Come out and celebrate on the day when old is cool and history rocks, literally.



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Myers Residence in Albany to offer interactive exhibit

ALBANY — Explore 19th century life through historical artifacts — found by University at Albany archaeologists during summer excavations behind the Stephen and Harriet Myers Residence — from 1 to 5 p.m. Saturday, at 194 Livingston Ave. in Albany.

Celebrating International Archaeology Day, the program will include a talk with archaeologists, led by Professor Marilyn Masson, regarding the dig and subsequent findings. Light refreshments and snacks will be provided.

The historic site is part of the nonprofit Underground Railroad History Project.

Advance registration is required by calling 518-432-4432 or emailing info@undergroundrailroadhistory.org.

U.S. Department of Energy

in

D



Ten-year-old Leo worked in the Education Center at the National Renewable Energy Laboratory (NREL), fitting together snap-on electrical circuits. The boy from a Denver community center was enthralled by the sheer joy of adding buzzers, lights, and switches to the device. Sitting at a desk nearby, Rhielle carefully colored a drawing of a solar panel. "I want to be everything: a singer, waitress, scientist, baker—because baking is a science," the eight-year-old explained. Everywhere, the room buzzed with energy, as 16 grade schoolers performed experiments and talked to volunteer researchers as part of a science, technology, engineering, and math (STEM) outreach connecting NREL with our local community.

It reminded me of my own start on the pathway of scientific discovery. As a high school student in Regensburg, Germany, I wondered about this exotic world of test tubes and microscopes—and so visited the office of a distinguished biologist in my hometown university. I asked if he would talk to me—but he was busy at the moment. Instead, this scientist invited me into his laboratory, where I saw first-hand some of his experiments. Later, we chatted and he gave me a basic college text.

He continued to follow me, and mentored me throughout my science studies. I've never forgotten that lesson about the importance of sharing science with younger minds. That is why I'm so enthusiastic about STEM learning, and support it passionately at NREL. Whenever we can engage younger students—especially those who may not have had a chance to consider science and engineering as careers—we are building our future.

Throughout the year, NREL actively engages in a range of STEM events. Last May, we held NREL's 27th annual Junior Solar Sprint and Lithium-Ion (Li-ion) Battery Car Competitions on campus, attracting 53 teams from 18 Colorado middle schools. Maybe you've been to something like this. Some cars scoot, some fizzle—yet regardless of the finish, everyone gains hands-on experience. Likewise, we co-sponsored the 27th Colorado Science Bowl, giving kids a chance to test their knowledge against other aspiring young researchers. This year the Lambkins from Ft. Collins roared to victory, correctly answering a range of questions across the sciences. We were part of the first Energy Day Colorado this fall, giving academic awards to promising scholars.

Whenever we can, we try to open our doors to prospects. Hannah, a high school sophomore from Boulder, won an NREL-sponsored award at the Colorado Science and Engineering Fair. Sure, she'd already gotten a plaque made from a recycled solar panel and a stipend of \$100 for a building cooling project—but we wanted to give her something more. So we arranged a campus tour so that she could talk to researchers in her field. She chatted happily, and afterwards declared, "This place is cool." Although she has a ways to go, she was clear: because both science and NREL are now positively linked in her mind, she hopes to one day work at the lab. Now that would be cool.

Of course, we won't know for years whether Hannah will come here, chose another national laboratory, or find a different path. Likewise, we can't foresee whether Leo will become an electrical engineer or Rhielle seek a career as a chemist. But we do know that 3,688 students who have visited NREL this year, or gone to competitions we've run, have all gained exposure to STEM activities. We can't tell immediately how much impact these encounters have had—although the smiles of students tell us a lot—but speaking from personal experience, we should be confident that this type of inspiration can last a lifetime and will build our future.



With STEM, the future is bright.



DR. MARTIN KELLER

MORE BY THIS AUTHOR

Martin Keller became the National Renewable Energy Laboratory's (NREL) 9th director on November 30, 2015. He also serves as the President of Alliance for Sustainable Energy, LLC.

Union Bulletin

Ancient wonders in store as archaeology lecture season begins

JOHN JAMISON for the Walla Walla Union-Bulletin Sep 6, 2017 ● (1)

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In this ivory sculpture at the National Archaeological Museum of Spain, Alexander the Great fights from his horse at the Battle of Guagamela. The battle was fought between Alexander and Darius III of Persia in 331 B.C.

ugit between Alexander and Danus III of Felsi

Time Capsule

Note: All archaeology lectures are at Whitman College's Olin Hall, with room numbers varying as noted.

Sept. 21, 7:30 p.m. — Jennifer Tobin, University of Illinois at Chicago, "The Creation of the List of the Seven Wonders of the World." Room 201. Free.

Oct. 14, 9 a.m. — Sam Pambrun, Frenchtown Historical Society: A Walking Tour of Frenchtown. Meet at First Congregational Church parking lot, 73 S. PalouseSt.



Two grand tours, one ancient, one modern.

The "archaeology season" at Walla Walla is starting up again this month, I'm happy to report.

Walla Walla houses one of the longeststanding chapters of the American Institute of Archaeology west of the Mississippi.



The national organization, which sponsors seminars, conferences, and excavations and lobbies to protect sites at risk, sends us two



Featured Events



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Cleanliness: the archaeology of health In the early 20th-Century American West." Room 129.

April 19, 7:30 p.m. --Jean Mointosh Turfa, University of Pennsylvania, "Foretold by Thunder: An Etruscan book of omens revealed." Room 201. Free.

May 10, 7:30 p.m. --Andrew Goldman, Gonzaga University: "Helmets from the Sea: Military Finds from the Battle of the Aegates Islands." Room 129, Free.

Today I'll discuss the first two, both of which have to do with "grand tours" of sorts.

To begin with, we go back to the beginnings of globalism, with Alexander the Great's conquest of the ancient Persian Empire in the 4th century B.C.

The civilization encompassed by that empire is the most ancient in the world, dating back to before 8,000 B.C.

Thus it was four times as old to Alexander as Alexander is to us today.

Alexander and his men spoke a dialect of Greek and originated in Macedonia, just to the north of Greece proper, and the impact of Greek civilization in Macedonia was significant and had already taken place.

Thus, although snooty Greeks in places like Athens looked down on Alexander as a kind of hick, by the time he got going they had to take serious notice. That's because he conquered them all in just a couple of years. Alexander the Great commanded respect.

The Persian Empire was roughly the size of the continental United States, so Alexander's conquest, which took three decisive battles, spread Greek culture over a vast, exotic and ancient area, from Egypt to India.

Like globalism in our own time, this altered the home culture as well, and the Hellenistic culture of the time witnessed one of the world's great flowerings of human curiosity and intelligence.

Foremost among the accomplishments at the time was the formation of the Library of Alexandria — in Egypt, named by guess who? which was more like a research university than simply a collection of books, though it was that, too.

It was here that the subject of geography was created, with systematic efforts to understand longitude and latitude, create maps of the known world. Scholars even deduced, through clever observation, that the world is a sphere about 25,000 miles around.

Wow.

Our first speaker is Jennifer Tobin, Ph.D., of the University of Illinois in Chicago.

6









































































Wow.

Our first speaker is Jennifer Tobin, Ph.D., of the University of Illinois in Chicago.

Her Sept. 21 Rodney S. Young Memorial Lecture, "The Creation of the List of the Seven Wonders of the World: the Uses of Thaumata" will focus on this intriguing early cosmopolitanism.

Part of the geographical effort involved "world" travel, and travel books became popular.

As a way of bringing travel knowledge into one package, which a single tourist might visit, various lists of "wonders" (thaumata) were drawn up, then codified into the definitive list of the Seven Wonders of the World.

This is a terminology we still hold onto, though for the life of me I can't recite for you the seven wonders of the modern world. Email me a list if you like.

On Oct. 14, our own "grand tour" will be a walking tour of Frenchtown west of Walla Walla, led by Sam Pambrun of Adams.

He is a former president of both the Umatilla County Historical Society and the Frenchtown Historic Foundation, and a descendant of settlers who came to Walla Walla in 1831.

We will meet at 9 a.m. in the First
Congregational Church parking lot, 73 S.
Palouse St., and carpool to Frenchtown,
where Sam will lead a tour to include walking
the trails, visiting the cemetery and the
restored Prince's cabin, with views of the
Larocque cabin, the St. Rose of Lima Mission
Catholic Church, the Gagnon Saloon and the
Raymond Donation land claim.

If you plan to go, bring good walking shoes or hikers, water, a spotting scope or powerful binoculars if you have them. Cost is \$10 for

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If you plan to go, bring good walking shoes or hikers, water, a spotting scope or powerful binoculars if you have them. Cost is \$10 for AIA members, \$15 nonmembers. This tour is Walla Walla's contribution to the celebration of International Archaeology Day on Oct. 21.

John Jamison of Walla Walla writes about cultural affairs for the Union-Bulletin. He holds a master's degree in ancient history from the University of Washington and taught history for many years in Seattle.

United Press International (UPI)



Scientists discover remains of an ancient bobcat-sized predator in Tanzania

"With Pakakali, we can start to unravel that extinction," researcher Matthew Borths said. "Were the lineages competir adapting differently to a drier, more open landscape?"

By Brooks Hays | Oct. 12, 2017 at 9:11 AM Follow Cup





The new species of hyaenodont as a bobcat-sized carnivorous mammal, and briefly, Africa's most dominant predator. Photo by National Science Foundation

Oct. 12 (UPI) -- Paleontologists have discovered a new species of extinct hyaenodont in Tanzania. The fossil offers new insights into the disappearance of hyaenodonts -- once Africa's top predator -- during the Paleogene.

Hyaenodonts were cat-like in appearance, but walked on flat feet. After the dinosaurs bit the dust at then end of the Cretaceous period 66 million years ago, hyaenodonts became Africa's most dominant carnivore.



Scientists named the newly discovered species Pakakali rukwaensis.

"Pakakali" is a Swahili term meaning "fierce cat," and "rukwaensis" is the
Swahili name for the Rukwa Rift region in Tanzania's Great Rift Valley, where
the species' remains were discovered.

Researchers described their discovery in a new paper, published on Wednesday, national "Fossil Day," in the journal PLOS One.



TRENDING STOF

Scientists explain world's largest mud eruption



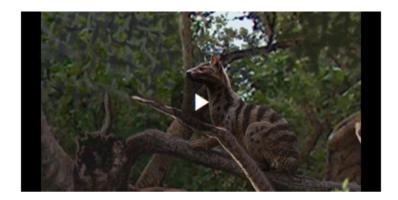
Canadian scientists claim first science paper on marijuana cultivation



German nature preserves have lost 75 percent of their flying insects



Archaeologists find



The reign of the hyaenodonts was relatively short-lived. Around the time of Pakakali rukwaensis, between 23 and 25 million years ago, the earliest relatives of dogs, cats and hyenas emerged. These new carnivores eventually won the evolutionary race and hyaenodonts joined the dinosaurs in extinction.

"The shift from hyaenodonts to modern carnivores in Africa is like a controlled experiment," Matthew Borths, a paleontologist at Ohio University, said in a news release. "We start with only hyaenodonts. Then the relatives of cats and dogs arrive. They coexist for a few million years, then the hyaenodonts are driven to extinction and we're left with 'The Lion King:"

Because *Pakakali rukwaensis* arrived on the scene around the time the trajectory of the hyaenodonts began to take a turn southward, researchers believe the species could offer clues to the demise of its family.

"With Pakakali, we can start to unravel that extinction," Borths said. "Were the lineages competing? Were they adapting differently to a drier, more open landscape?"

The new species' fossilized skull was discovered among the same 25-millionyear-old rock strata that revealed the split between Old World monkeys and apes. At the time, Africa was colliding with Eurasia, forming the East African Rift System. The tectonic shifts underpinned dramatic climate change.

At the time of *Pakakali rukwaensis* emergence, the bobcat-sized predators were struggling to adapt to a drier, more wide-open environment. As a result of increased competition, hyaenodonts were also forced to specialize in the consumption of meat. They weren't able to adapt quick enough, and ultimately, they died out.

"The environment containing Pakakali reveals a fascinating window into extinction," said Nancy Stevens, a paleontologist at Ohio University. "It highlights the vulnerability of carnivorous species to rapid environmental change, a topic we are grappling with on the African continent today."

University of California, Davis

NEWS / OCTOBER 13, 2017

Featured Maps! Theme for the Week - Geologic Maps









Come to the Map Collection and look for this sign:



Theme for the week: Geologic Maps

October 13-20, 2017

Celebrate Geologic Map Day on October 13, 2017!

Welcome to Geologic Map Day, a special event designed to promote awareness of geologic mapping and its vital importance to society.

For more information, follow this link: http://www.earthsciweek.org/geologic-map-day

Come on over to Shields Library to view these amazing maps that shows water-bearing formations, seismic hazard evaluations, coastal erosion, earthquakes, and more! A staff favorite is the 1893 geologic map of the United States. Known surveys of the western states at that time apparently followed the path of the transcontinental railroad.

University of California Press



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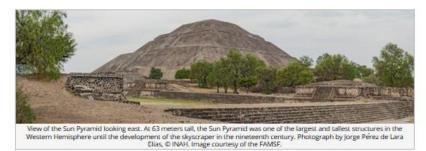
ABOUT UC PRESS

A Look at Teotihuacan for International Archaeology Day

AUTHOR BLOGS

Founded in the first century BCE near a set of natural springs in an otherwise dry northeastern corner of the Valley of Mexico, the ancient metropolis of Teotihuacan was on a symbolic level a city of elements. With a multiethnic population of perhaps one hundred thousand, at its peak in 400 CE, it was the cultural, political, economic, and religious center of ancient Mesoamerica. A devastating fire in the city center led to a rapid decline after the middle of the sixth century, but Teotihuacan was never completely abandoned or forgotten. Today the UNESCO World Heritage Site is the most visited archaeological site in Mexico.

UNIVERSITY PRESS BLOGS





The recently opened exhibition at the de Young Museum is historic in many ways. The result of long-term international collaboration, including a 30 year partnership with Mexico's Instituto Nacional de Antropología e Historia (INAH), the spectacular exhibition features more than 200 artifacts and artworks from the site displayed in dramatic and awe-inspiring ways. It is a rare opportunity to contemplate objects drawn from major collections in Mexico, some very recently excavated, and many on view in the U.S. for the first time.



Two standing anthropomorphic sculptures discovered near the terminus of the tunnel beneath the Ciudadela and the Feathered Serpent Pyramid. Photograph by Sergio Gómez Chlavez. Image courtesy of the FAMSF.

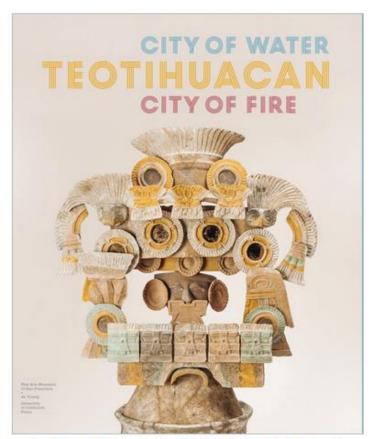
Today is International Archaeology Day, so curator Matthew Robb's comments on the exhibition are especially timely.

"The ideas behind *Teotihuacan: City of Water, City of Fire* were really inspired by the work of my archaeologist colleagues. They selected many of the objects for the catalogue from their own projects, and we worked together to shape those selections into a coherent image of this ancient city. We had a real opportunity to showcase their work to a broader audience, as well as provide the field with an important update to what we know about Teotihuacan. Archaeology is painstaking, intensely collaborative work—it requires so much patience and discipline. The end result is that tantalizing glimpse into the past, into how people once lived and thought—a glimpse made more complete by the meticulous gathering of data and objects archaeologists carry out every day." —Matthew Robb, curator

In the exhibition, monumental and ritual objects from Teotihuacan's three largest pyramids—
the Feathered Serpent Pyramid, the Moon Pyramid, and the Sun Pyramid—are shown alongside mural
paintings, ceramics, and stone sculptures from the city's apartment compounds. By bringing these pieces
together, and contextualizing specific sites within the city, this is an unprecedented opportunity to
experience a significant place in Mexico's cultural landscape.



Edited by Matthew Robb and co-published with the de Young Museum, the beautifully illustrated catalogue is equally impressive in its scope and ability to unearth the secrets within and beneath the city that are only now coming to light.



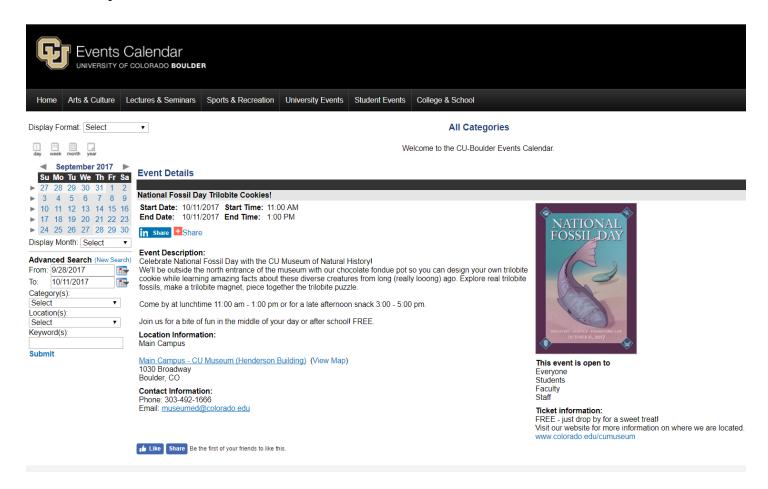
For an all-access preview of the exhibition check out the Teotihuacan digital story. We expect that it will inspire not only a visit to the exhibition, but also a trip to Mexico to see the captivating and mysterious ancient city en vivo.



Note that the exhibition will also travel to the Los Angeles County Museum of Art (LACMA) in Spring 2018.

In honor of International Archaeology Day, save 30% on the exhibition catalogue with code 16M4197.

University of Colorado Boulder



University of Tennessee Daily Beacon



Courtesy of the American Geosciences Institute



Earth Science Week is hoping to show humans that actions speak louder than words.

On Sept. 20, Tennessee Gov. Bill Haslam proclaimed the 2017 Earth Science Week would occur from Oct. 8 to Oct. 14 with the theme "Earth and Human Activity." The theme will focus on human interaction with the earth, water, air and animal life.

Geoff Camphire, manager of Earth Science Week for the American Geosciences Institute (AGI), said he hoped the week will show people the impacts they have on the planet.

"Human activity has a huge impact on Earth, and the possibilities open to humanity are, in turn, shaped by Earth's natural processes," Camphire said. "The geosciences are essential for understanding how we can make the most of opportunities and manage challenges offered in areas such as energy, technology, climate change, the environment, natural disasters, industry, agriculture, recreation and tourism."

AGI started Earth Science Week in 1998 in celebration of its 50th anniversary. To celebrate effectively, AGI collaborated with its partner organizations, "to share their many excellent educational and publicawareness resources with the public," Camphire stated.

Since its start, the week has garnered support from the National Aeronautics and Space Administration (NASA), the National Park Foundation, the U.S. Geological Survey and the American Association of Petroleum Geologists (AAPG).

"Tennessee has a long and proud tradition of recognizing and supporting geosciences," Camphire said.

Each of the 50 states along with other countries across the world have their own way to celebrate the week, but Camphire assured that the differences are small.

"Virtually everywhere, teachers and students are conducting hands-on scientific investigations and exploring Earth science in the classroom," Camphire said.

McClung Museum teams with archaeological society, invites others to uncover history

All Kammona, Staff Writer Oct 15, 2017 Updated 16 hrs ago (0)



UT professors explain to younger members of the Knowlile community about different fossils during Archaeology Day at McClung Museum on Oct. 15, 2017.

Kaltiyn Marlowe / The Dally Beacon



McClung Museum was the site of more than just artifacts during the annual "Can You Dig It?" event, which brought in large crowds Sunday afternoon.

As a celebration of International Archaeology Day and National Fossil Day, the event was hosted by McClung Museum and the Archaeological Institute of America, East Tennessee Society. "Can You Dig It?" was a free event, providing information and activities for people of all ages.

With crafts, scavenger hunts and even a children's sandbox for fossil digs, children actively participated in learning about the sciences of archaeology and paleontology. From making skeletal macaroni dinosaurs to doing pottery reconstruction, an abundance of activities could be found which the organizers hoped would act as catalysts for children's future interests.

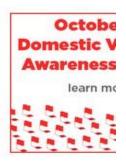
At a station run by UT anthropology professor Barbara Heath, pottery littered the tabletop. Examples of pottery excavated from a project in Northern Virginia, located near the Potomac River, demonstrated how people of the era lived and traded.

"It was a 17th-century plantation that's called Coan Hall," Heath said. "We have some artifacts that came from that site, a few different kinds of pottery from that time."

These small broken pieces of pottery helped to clarify misconceptions about those living in this time period. Where some might assume that people lived in a cultural vacuum during this time, these small fragments of porcelain paint a different picture.

"In the past, people sort of thought if you're on the frontier, you're isolated and you don't have a lot of interaction," Heath said. "But there are clearly very close connections between the people that lived at this site and cosmopolitan Europe."

Undergraduate and graduate students also assisted in the Coan Hall dig, working to uncover the history of the land, and this was not the only dig that received assistance from undergraduate students.







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The Tennessee Geological Survey within the state's department of environment and conservation partnered with AGI to provide K-12 educators with Earth Science Week tool-kits. The tool-kits were provided free of charge, and on a first-come, first-serve basis.

In Knoxville, UT will give students the opportunity to get their own taste of Earth Science week.

On Sunday, Oct. 15, McClung Museum will host its annual "Can You Dig It?" event from 1:30 p.m. to 5:00 p.m. In conjunction with ending the week and International Archaeology day, UT archaeologists, paleontologists and their graduate students will present and talk with visitors about their work.

Guests can bring their own artifacts for identification, and children can participate in different activities.

In conjunction with the event, UT graduate students and professors will host a STEAM panel discussion with women scientists from 3 p.m. to 4 p.m.

Audrey Martin, Ph.D student in planetary geosciences, said the all-women panel hopes to reach high school seniors and undergraduate women looking to pursue a scientific career.

"I'm serving on the STEAM panel to try to reach out to high school seniors and undergraduates who are interested in science," Martin said. "It's an all women panel, so it's kind of trying to promote the diversity in our field and get more women involved in the sciences."

Martin will be joined by assistant professor of industrial and systems engineering Anahita Khojandi, Ph.D candidate in evolutionary paleobiology Jen Bauer, associate dean and professor in Tickle college's department of electrical engineering and computer science Lynne Parker and Ph.D student in biochemistry and molecular and cellular biology Jessica Hendricks.

"I think it (the week) will help with promoting our department, and I think it will help raise awareness of geosciences as a different science," Martin said.

Martin also said she thinks the week will draw attention to the importance of geoscience.

"Geology and geosciences in general kind of combine all of the sciences to look at the natural world," Martin said. "I think people forget about that sometimes and that it's an option in science."

Bauer said she hoped that Sunday's events will help scientists connect with attendees to discuss their impact on the earth.

"There is an abundance of misinformation surrounding human induced climate change and hopefully people take this opportunity to engage with local scientists to become better informed on this issue," Bauer said.

Other organizations across campus are excited about the week as well.

Vicky Louangaphay, president of the EcoVOLS campus organization, said she hopes the week further promotes sustainability.

"Human activity on the planet is a major focus for our club," Louangaphay said. "Promoting sustainability is promoting a healthy environment for future generations."



UT geology professor encourages students to explore world

Savannah Smith, Contributor Oct 11, 2017 Updated Oct 13, 2017 (0)



Kaltiyn Marlowe / The Daily Beacon

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Geology professor William "Bill" Deane wants students to dig up new ideas.

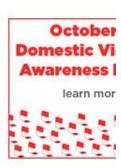
As Earth Science Week starts to turn gears on Rocky Top, some faculty look at it not only as an opportunity to get more future students involved in their programs but also as an opportunity to spur students into exploration.

Deane is one of these professors.

Starting at the university as a facilitator of a research lab in the Science and Engineering Research Facility (SERF) in September 2002, Deane said he always knew that Rocky Top was where he wanted to be.

"In 2004, the head of our department literally ran into my lab and asked, "Would you like to teach Geology 101?" I said, "Sure!" She replied, "Good. You start in three days," and she ran out," Deane said. "I have been teaching ever since."

To encourage students, Deane strives to share his enthusiasm for geology and make his classroom an exciting place to learn. Deane's area of research is terrestrial impact craters, which are caused by asteroids or comets hitting the Earth. This is fitting since he has an interest in the geology of planets and astronomical bodies in the solar system.









For Deane, geology is much more than its basic definition and he said he enjoys introducing students to the subject.

"I love the great outdoors, and certainly geology is the epitome of the great outdoors," Deane said. "I really enjoy teaching ... Geology is far more than simply rocks. I like introducing students to many diverse geologic topics, like earthquakes, diamonds, landslides and the moon."

And students seem to enjoy Deane's teaching style as much as Deane enjoys the act of teaching itself.

"He is very intelligent. He is very interactive with the students, and he takes the time to explain things the way they are, not just by what the book says," said Donald Levy, junior in fine arts. "I wouldn't recommend anyone else to teach geology."

Deane's interest in geology extends beyond his classroom and office hours, and he has found a hobby in cave exploring. He recounted some of the things he has seen while spelunking:

"For half of a century, one of the great loves in my life has been cave exploring," Deane said. "I have caved all across the United States and Mexico. I have rappelled more than a thousand feet into the depths of a giant pit in Mexico. I found the skeleton remains of a jaguar in a cave in Tennessee, where this animal has been extinct for more than 12,000 years. I have seen angel's hair, gypsum flowers, helictites and other bizarre cave mineral formations that almost defy comprehension. Most importantly, I have explored and seen sights that no other human has seen before."

During Earth Science Week, the department used to visit elementary, middle and high schools to teach them the basics of geology. And although some of these events were canceled due to budget cuts, Deane is grateful that the subject is still taught in some schools around the Tennessee area. Deane encourages students to explore the world around them, from cities to natural formations.

"We have an entire planet to explore," Deane said. "Yes, you do need to see London and Paris. Yes, you do need to visit the Grand Canyon, the Greek Islands and the Sierra Nevada — so do it."

Earth Science Week to promote safe human-earth interaction

Kylie Hubbard, Asst. News Editor Oct 8, 2017 (0)





Courtesy of the American Geosciences Institute



Earth Science Week is hoping to show humans that actions speak louder than words.

On Sept. 20, Tennessee Gov. Bill Haslam proclaimed the 2017 Earth Science Week would occur from Oct. 8 to Oct. 14 with the theme "Earth and Human Activity." The theme will focus on human interaction with the earth, water, air and animal life.

Geoff Camphire, manager of Earth Science Week for the American Geosciences Institute (AGI), said he hoped the week will show people the impacts they have on the planet.

"Human activity has a huge impact on Earth, and the possibilities open to humanity are, in turn, shaped by Earth's natural processes," Camphire said. "The geosciences are essential for understanding how we can make the most of opportunities and manage challenges offered in areas such as energy, technology, climate change, the environment, natural disasters, industry, agriculture, recreation and tourism."

AGI started Earth Science Week in 1998 in celebration of its 50th anniversary. To celebrate effectively, AGI collaborated with its partner organizations, "to share their many excellent educational and publicawareness resources with the public," Camphire stated.

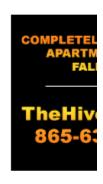
Since its start, the week has garnered support from the National Aeronautics and Space Administration (NASA), the National Park Foundation, the U.S. Geological Survey and the American Association of Petroleum Geologists (AAPG).

"Tennessee has a long and proud tradition of recognizing and supporting geosciences," Camphire said.

Each of the 50 states along with other countries across the world have their own way to celebrate the week, but Camphire assured that the differences are small.

"Virtually everywhere, teachers and students are conducting hands-on scientific investigations and exploring Earth science in the classroom," Camphire said.

The Tennessee Geological Survey within the state's department of environment and conservation partnered with AGI to provide K-12 educators with Earth Science Week tool-kits. The tool-kits were provided free of charge, and on a first-come, first-serve basis.





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By submitting this form, you are http://utdailybeacon-com.chicag permission to email you. You m the bottom of every email. (See details.) Emails are serviced by In Knoxville, UT will give students the opportunity to get their own taste of Earth Science week.

On Sunday, Oct. 15, McClung Museum will host its annual "Can You Dig It?" event from 1:30 p.m. to 5:00 p.m. In conjunction with ending the week and International Archaeology day, UT archaeologists, paleontologists and their graduate students will present and talk with visitors about their work.

Guests can bring their own artifacts for identification, and children can participate in different activities.

In conjunction with the event, UT graduate students and professors will host a STEAM panel discussion with women scientists from 3 p.m. to 4 p.m.

Audrey Martin, Ph.D student in planetary geosciences, said the all-women panel hopes to reach high school seniors and undergraduate women looking to pursue a scientific career.

"I'm serving on the STEAM panel to try to reach out to high school seniors and undergraduates who are interested in science," Martin said. "It's an all women panel, so it's kind of trying to promote the diversity in our field and get more women involved in the sciences."

Martin will be joined by assistant professor of industrial and systems engineering Anahita Khojandi, Ph.D candidate in evolutionary paleobiology Jen Bauer, associate dean and professor in Tickle college's department of electrical engineering and computer science Lynne Parker and Ph.D student in biochemistry and molecular and cellular biology Jessica Hendricks.

"I think it (the week) will help with promoting our department, and I think it will help raise awareness of geosciences as a different science," Martin said.

Martin also said she thinks the week will draw attention to the importance of geoscience.

"Geology and geosciences in general kind of combine all of the sciences to look at the natural world," Martin said. "I think people forget about that sometimes and that it's an option in science."

Bauer said she hoped that Sunday's events will help scientists connect with attendees to discuss their impact on the earth.

"There is an abundance of misinformation surrounding human induced climate change and hopefully people take this opportunity to engage with local scientists to become better informed on this issue," Bauer said.

Other organizations across campus are excited about the week as well.

Vicky Louangaphay, president of the EcoVOLS campus organization, said she hopes the week further promotes sustainability.

"Human activity on the planet is a major focus for our club," Louangaphay said. "Promoting sustainability is promoting a healthy environment for future generations."



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CAPITOL REEF NATIONAL PARK — The park will celebrate Earth Science Week, which runs Sunday through Oct. 14, with a variety of activities.

Visitors to the park can discover how the park was formed over nearly 280 million years ago during a 30-minute geology program each day at 10 a.m. in the visitor center.

On Wednesday, Oct. 11, rangers will lead a 90-minute hike on the Fremont River Trail at 8:30 a.m. The hike will begin at the Gifford House Museum and Store located a mile south of the visitor center on Scenic Drive. Participants will learn about the geology and fossils that tell of the park's ancient environments.

On Thursday, Oct. 12, rangers will host a program on the fossils found in the park. The hourlong program starts at 7:30 p.m. in the campground amphitheater. Participants are advised to dress warmly.

In addition, visitors can learn more about the park's geology and fossils from free brochures available online and at the visitor center. The Capitol Reef Natural History Association bookstore, located in the visitor center, also offers books and materials. It is open 8 a.m. to 6 p.m. through Sunday, Oct. 22.

Capitol Reef National Park is located outside Torrey in Wayne County

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POSTS

OCTOBER 17, 2017

Earth Science Week and Laudato Si'

Last week was Earth Science Week, and we focused on the environment and the health of the earth. We participated in a photography contest hosted by the American Geosciences Institute (AGI) and discussed the message in the Catholic church document written by Pope Francis: Laudato si'. Each year, the American Geosciences Institute organizes Earth Science Week, ...

Continue reading

Waco Tribune-Herald



Waco-area news briefs: Oct. 7, 2017

Oct 6, 2017 (0)



The Lake Waco Wetlands will host a free Community Fishing Day Saturday from 9 a.m. to noon at Nora's Pond in the Lake Waco Wetlands, 1752 Eichelberger Crossing Road.

The pond will be stocked with loads of catfish, plus hot dogs and other refreshments will be provided.

Children younger than 17 do not need a fishing license. Adults must have a fishing license with a freshwater stamp. Pole and line only, limit two poles per person (limited rods and reels available for loan). There is a five-fish limit.

For more information, call 848-9654. For directions visit: www.lakewacowetlands.com.



What's Ha



Earth Science Week

The Mayborn Museum Complex celebrates Earth Science Week on Monday through Friday with hands-on activities daily from 10 a.m. until 2 p.m.

Join us as we celebrate Earth Science Week, an annual national program that promotes awareness of what geoscience tells us about human interaction with the planet's natural systems and processes.



Museum visitors are invited to engage with Baylor professors and students each day and explore learning resources and activities related to a theme within Earth Sciences. Activities are included in the price of admission. Museum members and Baylor University students receive free admission.







Editor's Pick



Watertown Daily Times



In print daily. Online always.



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Library to continue archaeology program focusing on Native American heritage

TIMES STAFF REPORT

PUBLISHED: SATURDAY, OCTOBER 7, 2017 AT 12:30 AM



WATERTOWN DAILY TIMES

Kenneth J. Knapp will continue his series of discussions on the archaeology of northwest Jefferson County on Oct. 21 at Depauville Free Library.

Kmart store in Malone

Ceremony recognizes servicewomen







DEPAUVILLE — On International Archaeology
Day, Saturday, Oct. 21, the library here will host
Kenneth J. Knapp, founding member of the
Thousand Islands chapter of the New York State
Archaeology Association and a Clayton resident
whose native north country family has for five
generations been immersed in the archeology of
our northwest corner of Jefferson County.

The program begins at 4 p.m. at Depauville Free Library, 32333 County Route 179. Admission is free.



This will be Mr. Knapp's fourth talk, continuing his discussion on "Ancient Man in the Thousand Islands: the Hidden Heritage of the Pre-Historic Native Americans in the 1000 Islands Region."

He will offer a new perspective on Native Americans' connection with alvar, a globally rare but locally prevalent landscape, and present a preliminary report on a new archaeological site adjacent to an expanse of alvar and a major native pathway.

Alvar is a biological environment — a limestone plain with thin soil and sparse grassland vegetation.

Mr. Knapp invites those attending to bring artifacts they may have for possible identification during the question-and-answer period after his formal presentation.

"The understanding and preservation of our vast prehistory has been the goal of my family for over 100 years," Mr. Knapp said in a news release. "We have been fortunate to live in a place where there is evidence of more prehistoric Native American culture than any other section of New York state."

The roots of the Knapp family's interest in archaeology and Native Americans goes back to Frank Knapp (1869 to 1927), known as "the hermit of Dexter Marsh."

For more information, call the library at 315-686-3299.

WBIR-TV







McClung Museum to host Archaeology Day activities

Author: Rachel Downs

Published: 4:48 PM EDT October 10, 2017

RELATED TOPICS: International Archaeology Day | National Fossil Day

To celebrate International Archaeology Day and National Fossil Day, the McClung Museum of Natural History and Culture will partner with the University of Tennessee to host 'Can You Dig It?' on Sunday.

At the event, there will be research and educational opportunities, ID tables and more.

Although it has changed names several times, 'Can You Dig It?' has been a part of the McClung curriculum for more than 20 years.



There will also be a STEAM panel during Sunday's activities.

STEAM stands for Science, Technology, Engineering, Art and Mathematics.

The panel is targeted to middle and high school-aged women, but anyone is welcome to come.

The events will run from 1:30 p.m. to 5 p.m. at the museum on campus.

You can find more information here.



FOR ALL WHO HAVE SERVED US, WE'RE PROUD TO SERVE YOU.

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TRENDING BUSINESS PRIVACY POLICY CONTACT

How Analysts Feel About Just Energy Group Inc (JE) After Forming Wedge Up Chart Pattern?

November 6, 2017 - By Peter Erickson

The stock of Just Energy Group Inc (JE) formed an up wedge with \$6.04 target or 8.00 % above today's \$5.59 share price. The 6 months wedge indicates low risk for the \$816.17 million company. If the \$6.04 price target is reached, the company will be worth \$65.29M more.

Rising wedges, especially for downward breakouts are tricky moments to trade. Investors must be aware that the break even failure rate for up or down breakouts is: 8% and 24%. The average rise is 28% and the decline is 14%. Wedges has high throwback and pullback rate: 73%, 63% and the percent of wedges meeting target is not more than 50%.

About 36,082 shares traded. Just Energy Group Inc (NYSE:JE) has declined 10.67% since November 6, 2016 and is downtrending. It has underperformed by 27.37% the S&P500.



Analysts await **Just Energy Group Inc (NYSE:JE)** to report earnings on November, 8. They expect \$-0.02 EPS, up 94.44 % or \$0.34 from last year's \$-0.36 per share. After \$0.14 actual EPS reported by Just Energy Group Inc for the previous quarter, Wall Street now forecasts -114.29 % negative EPS growth.

Just Energy Group Inc (NYSE:JE) Ratings Coverage

Among 7 analysts covering Just Energy Group (NYSE:JE), 3 have Buy rating, 0 Sell and 4 Hold. Therefore 43% are positive. Just Energy Group had 11 analyst reports since August 14, 2015 according to SRatingsIntel. H.C. Wainwright maintained the stock with "Buy" rating in Friday, August 11 report. The stock of Just Energy Group Inc (NYSE:JE) earned "Buy" rating by Rodman and Renshaw on Thursday, December 10. The firm earned "Outperform" rating on Friday, December 18 by FBR Capital. The stock has "Hold" rating by Canaccord Genuity on Thursday, May 18. The firm has "Buy" rating given on Thursday, May 25 by H.C. Wainwright. On Monday, August 17 the stock rating was downgraded by National Bank Canada to "Sector Perform". The stock of Just Energy Group Inc (NYSE:JE) earned "Buy" rating by H.C. Wainwright on Thursday, December 10. FBR Capital maintained the stock with "Buy" rating in Tuesday, June 13 report.

More recent Just Energy Group Inc (NYSE:JE) news were published by: Globenewswire.com which released: "Just Energy Foundation and Garden Academy Officially Open Sustainable Garden ..." on October 30, 2017. Also Globenewswire.com published the news titled: "Just Energy to Announce Second Quarter Fiscal 2018 Results" on October 26, 2017. Globenewswire.com's news article titled: "Just Energy a Proud Sponsor of Houston's Energy Day 2017" with publication date: October 24, 2017 was also an interesting one.

Just Energy Group Inc-Receive News & Ratings Via Email - Enter your email address below to receive a concise daily summary of the latest news and analysts' ratings with our FREE daily email newsletter.

Weekly Register





TRENDING STOCK NEWS PENNY STOCK NEWS STOCK NEWS MARKET NEWS PRIVA

Here's how analysts see Just Energy Group Inc (TSE:JE) after this past week.

November 11, 2017 - By Vivian Currie



Just Energy Group Inc (TSE:JE) Ratings Coverage

Among 4 analysts covering Just Energy (TSE:JE), 2 have Buy rating, 0 Sell and 2 Hold. Therefore 50% are positive. Just Energy had 13 analyst reports since August 14, 2015 according to SRatingsintel. The rating was initiated by FBR Capital on Friday, December 18 with "Outperform". The firm has "Sector Perform" rating by RBC Capital Markets given on Friday, May 20. The rating was maintained by TD Securities with "Hold" on Friday, August 14. RBC Capital Markets maintained it with "Sector Perform" rating and \$8.50 target in Friday, September 16 report. The stock has "Buy" rating by Rodman & Renshaw on Thursday, December 10. RBC Capital Markets downgraded the stock to "Sector Perform" rating in Thursday, August 27 report. The firm earned "Outperform" rating on Monday, August 17 by National Bank Canada. The company was maintained on Friday, August 12 by TD Securities. Below is a list of Just Energy Group Inc (TSE:JE) latest ratings and price target changes.



The stock decreased 6.17% or \$0.39 on November 10, reaching \$5.93. About 922,278 shares traded or 332.65% up from the average. Just Energy Group Inc (TSE:JE) has 0.00% since November 11, 2016 and is, it has underperformed by 16,70% the S&P500.

Just Energy Group Inc. Is an energy management solutions well-known provider engaged in electricity, natural gas, solar and green energy. The company has market cap of \$870.48 million. The Company's divisions include Consumer Energy and Commercial Energy. It has a 8.98 P/E ratio. The Firm operates in the United States, Canada and the United Kingdom, offering a range of energy products, including long-term fixed-price, variable rate and flat bill programs; home energy management services, including smart thermostats and tools to manage energy use at the appliance level, and residential solar panel installations.

More Important recent Just Energy Group Inc (TSE:JE) news were published by: Globenewswire.com which released: "Just

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WGNS News Radio

Gov. Bill Haslam has proclaimed Oct. 8-14 Earth Science Week in TN

Published: September 21, 2017





Tennessee Gov. Bill Haslam has proclaimed Oct. 8-14 Earth Science Week in Tennessee, which will help promote awareness of the importance of geoscience.

As part of Earth Science Week, the Tennessee Department of Environment and Conservation's Tennessee Geological Survey, in partnership with the American Geosciences Institute, has a limited number of Earth Science Week toolkits to distribute to science teachers across the state. Educators interested in receiving an Earth Science Week toolkit may contact 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, please visit www.earthsciweek.org.

"Earth Science Week is a special week for students to learn about earth sciences and the natural world around us," Tennessee Department of Environment and Conservation Commissioner Bob Martineau said. "We are pleased to provide these educational tools to Tennessee classrooms."

The 2017 Earth Science Week theme is "Earth and Human Activity," and this year's learning resources and activities engage young people and others in exploring the relationship between human activity and the geosphere, hydrosphere, atmosphere, and biosphere. This year's theme promotes public understanding and stewardship of the planet, especially in terms of the ways people affect and are affected by these Earth systems.

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. As in years past, individuals and groups will celebrate Earth Science Week by participating in events in all 50 states and several other countries.

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Winona Daily News



Fascinated by fossils: Winona State displays dinosaur fossils on National **Fossil Day**

Kyle Farris Winona Daily News Oct 12, 2017 ●0



Children from the Winona State Children's Center touch and observe dinosaur fossils brought in by associate professor Lee Beatty for National Fossil Day on Wednesday afternoon at the Science Laboratory Center.



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Waleed, 4, says his favorite dinosaur is the Tyrannosaurus Rex.

Kailee, also 4, says her favorite is the "big, big, big, big one" — emphasis on the bigs.

Wednesday's National Fossil Day exhibit at Winona State University drew a steady crowd of students, faculty and interested community members — including a rambunctious group of day care kids — all of whom wanted to see the bones and fossils of these long-extinct titans.







RECOMMENI



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"People like dinosaurs because they're unlike anything we have in the world today," said Lee Beatty, an associate professor in Winona State's geoscience department.

"We can think about a lion in Africa, and we can go see it, but a lion is dwarfed when you see a T. Rex in a museum," he said. "Now imagine an animal that lives like a lion but is the size of a T. Rex. It just captures people's imagination."

The exhibit included bones from a Triceratops and a T. Rex, as well as fossils of crocodiles, turtles and other creatures that lived along the riverbanks of North Dakota during the Cretaceous Period between 144 and 66 million years ago.

"I really liked the dinosaur poop," said Kailee, who even got to touch the fossilized feces. "There's no dinosaur poop at my house."



 $Winon a \, State \, junior \, Amber \, Schmidt \, talks \, with \, children \, from \, Winon a \, State's \, day care \, during \, Nation \, Fossil \, Day \, on \, Wednesday \, afternoon.$

BUYNOW

Chuck Miller, Winona Daily New

But the main attraction were the Triceratops and T. Rex bones — all found by Hell Creek Fossils, an archaeological company owned and operated by Winona State alumni, within the past year.

Crews this summer uncovered a toe bone, vertebrae and partial leg joint from a Triceratops, as well as a partial jaw from a T. Rex.

Last year's discoveries included a T. Rex tooth and a Dakotaraptor tooth — the latter being more notable given that scientists first identified the Dakotaraptor in 2015.

Each new discovery, Beatty said, is a chance for people to better understand both the creatures that used to roam the Earth, and the forces of the planet itself.

"We can look at fossils — their chemical makeup, how they were preserved — and get a better picture of what the world used to be like," he said. "That really helps us understand what's happening today."

WITN News





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Aurora Fossil Museum celebrating National Fossil Day Saturday



Posted: Pri 7:49 AM, Oct 06, 2017



AURORA, NC (WITN) - The Aurora Fossil Museum is celebrating National Fossil Day a few days early this weekend, on Saturday October 7.

The museum is planning to be open for extended hours, from 9am-7pm with a variety of special guests, events and activities planned for families and kids.

The free event is held annually through a partnership with the National Park Service.

There will be live music and entertainment throughout the day with a cake-cutting in the afternoon. Kids can expect hands-on activities and lots of learning about paleontology and fossills!

The museum is located at 400 Main Street in Aurora.

You can find more information by calling 252-322-4238 or visiting www.aurorafossilmuseum.org.

WLX | The Tennessee Valley's Superstation



Governor Haslam Proclaims Earth Science Week

Updated: October 8, 2017

TENNESSEE GOVERNOR BILL HASLAM HAS PROCLAIMED OCTOBER 8TH THROUGH THE 14TH AS EARTH SCIENCE WEEK IN TENNESSEE. EARTH SCIENCE WEEK IS A SPECIAL WEEK FOR STUDENTS TO LEARN ABOUT EARTH SCIENCES AND THE NATURAL WORLD AROUND US. THE 2017 EARTH SCIENCE WEEK THEME IS "EARTH AND HUMAN ACTIVITY" WHICH PROMOTES PUBLIC UNDERSTANDING AND STEWARDSHIP OF THE PLANET, ESPECIALLY IN TERMS OF THE WAYS PEOPLE AFFECT AND ARE AFFECTED BY GEOSPHERE, HYDROSPHERE, ATMOSPHERE AND BIOSPHERE. GOVERNORS ACROSS THE UNITED STATES WILL JOIN GOVERNOR HASLAM IN ISSUING PROCLAMATIONS THAT SUPPORT EARTH SCIENCE WEEK.

Wopular



BING NEWS:

Earth Science Week free field trip to Carson Valley

We hope you can join us this Saturday, Oct. 21 as geoscientists from Nevada Bureau of Mines and Geology explain the geology of the Carson Valley — in celebration of Earth Science Week 2017 ... Instead of the creepy guy from the Scream movies on the ...

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Wylie News

Teacher wins Edward C. Roy Jr. award

Posted date: April 05, 2017 In: Education



Geoff Camphire, the Outreach Programs Manager for the American Geosciences Institute, presents the Edward C. Roy Jr. award to Cooper Junior High Science teacher M.J. Tykoski. (Courtesy photo)

By Brooke Hoffard

education@csmediatexas.com

Science teacher MaryJean (M.J.) Tykoski is no stranger to winning awards in her 22 years of teaching. The former Teacher of the Year at Cooper Junior High has been named the 2017 Edward C. Roy Jr. Award winner for Excellence in K-8 Earth Science Teaching by the American Geosciences Institute (AGI) skyrocketing her achievement in Earth Science Education.

Wyoming Business Report

WSGS, UW Geological Museum host Earth Science Week event Oct. 14

WBR Staff Oct 4, 2017 9 0



The UW Geological Museum

File photo

The Wyoming State Geological Survey and University of Wyoming Geological Museum are hosting a funfilled event Saturday, Oct. 14, in celebration of earth sciences. "Wyoming ROCKS! To the Moon and Back" will be held 11 a.m. – 2 p.m. at UW's Geological Museum on the Laramie campus.

The event is free and open to the public. It will be held during Earth Science Week (Oct. 8–14), a national and international celebration led by the American Geosciences Institute and other organizations. This



Edward F. "Ned" & Barbara Murray Online Estate Auction Part One



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HASLAM PROCLAIMS OCT. 8-14 EARTH SCIENCE WEEK

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Tennessee Gov. Bill Haslam has proclaimed Oct. 8-14 Earth Science Week in Tennessee, which will help promote awareness of the importance of geoscience.

As part of Earth Science Week, the Tennessee Department of Environment and Conservation's Tennessee Geological Survey, in partnership with the American Geosciences Institute, has a limited number of Earth Science Week toolkits to distribute to science teachers across the state. Educators interested in receiving an Earth Science Week toolkit may contact 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, please visit www.earthsciweek.org.

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Governors across the United States will join Gov. Haslam in issuing proclamations that support Earth Science Week, reaching more than

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50 million people across the country and around the world. As in years past, individuals and groups will celebrate Earth Science Week by participating in events in all 50 states and several other countries.

Youth Hub Africa





APPLY: Earth Science Week Photography Contest

Posted on September 27, 2017 - By Malti Danjuma

American Geosciences Institute (AGI) is sponsoring a photography contest to celebrate Earth Science Week 2017. The photography theme for this year is: "Earth and Human Activity Here."

AGI invites submissions for its Earth Science Week 2017 photo contest. Eligible individuals are invited to submit entries for this year's photography contest, titled "Earth and Human Activity Here." New to this year's photo contest, AGI and Earth Science Week present the "Earth and Human Activity Here" Photo Map. Select entries will be featured on the map, linked to the location of origin. This innovation is intended to serve as an educational resource, prompting discussions in classrooms and other settings.

WORTH

- 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.
- All other expenses not stated are the sole responsibility of the winners. No cash substitution for prizes will be permitted and prizes are nontransferable.

ELIGIBILITY

- The photography contest is open to interested persons of any age.
- You must be a resident of the United States or an international member of an AGI Member Society or an AGI International Associate Society to enter.

DEADLINE: October 13 2017

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APPLY: Earth Science Week Photography Contest

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American Geosciences Institute (AGI) is sponsoring a photography contest to celebrate Earth Science Week 2017. The photography theme for this year is: "Earth and Human Activity Here."

AGI invites submissions for its Earth Science Week 2017 photo contest. Eligible individuals are invited to submit entries for this year's photography contest, titled "Earth and Human Activity Here." New to this year's photo contest, AGI and Earth Science Week present the "Earth and Human Activity Here" Photo Map. Select entries will be featured on the map, linked to the location of origin. This innovation is intended to serve as an educational resource, prompting discussions in classrooms and other settings.

WORTH

- . 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.
- · All other expenses not stated are the sole responsibility of the winners. No cash substitution for prizes will be permitted and prizes are nontransferable.

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